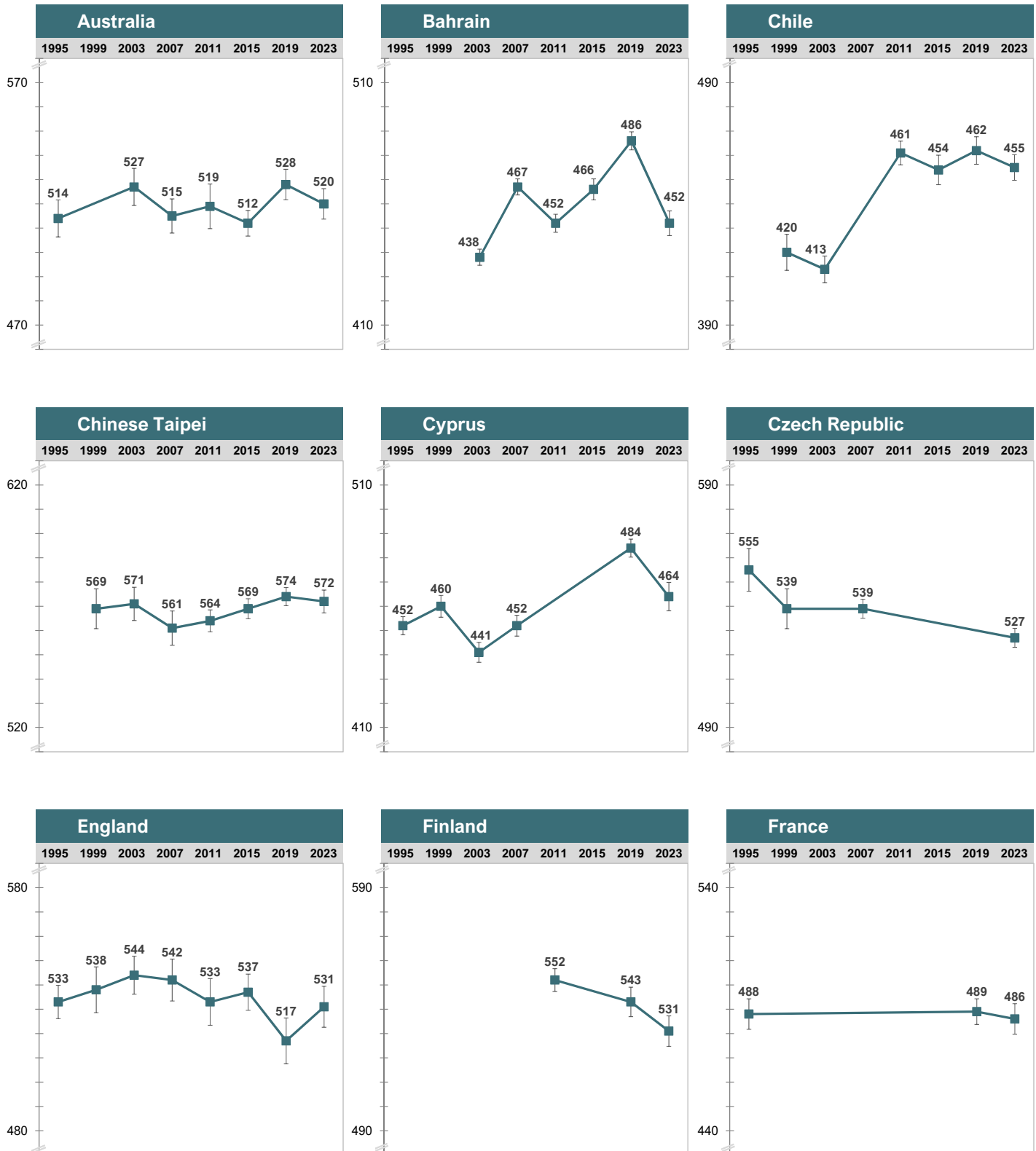


Exhibit 2.2.9: Trend Plots of Average Science Achievement

This exhibit displays changes in achievement across assessment years for the countries and benchmarking participants that have comparable data from previous TIMSS assessments. The accompanying table (Exhibit 2.2.10) provides details. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. See Appendix A for country participation in previous assessments.

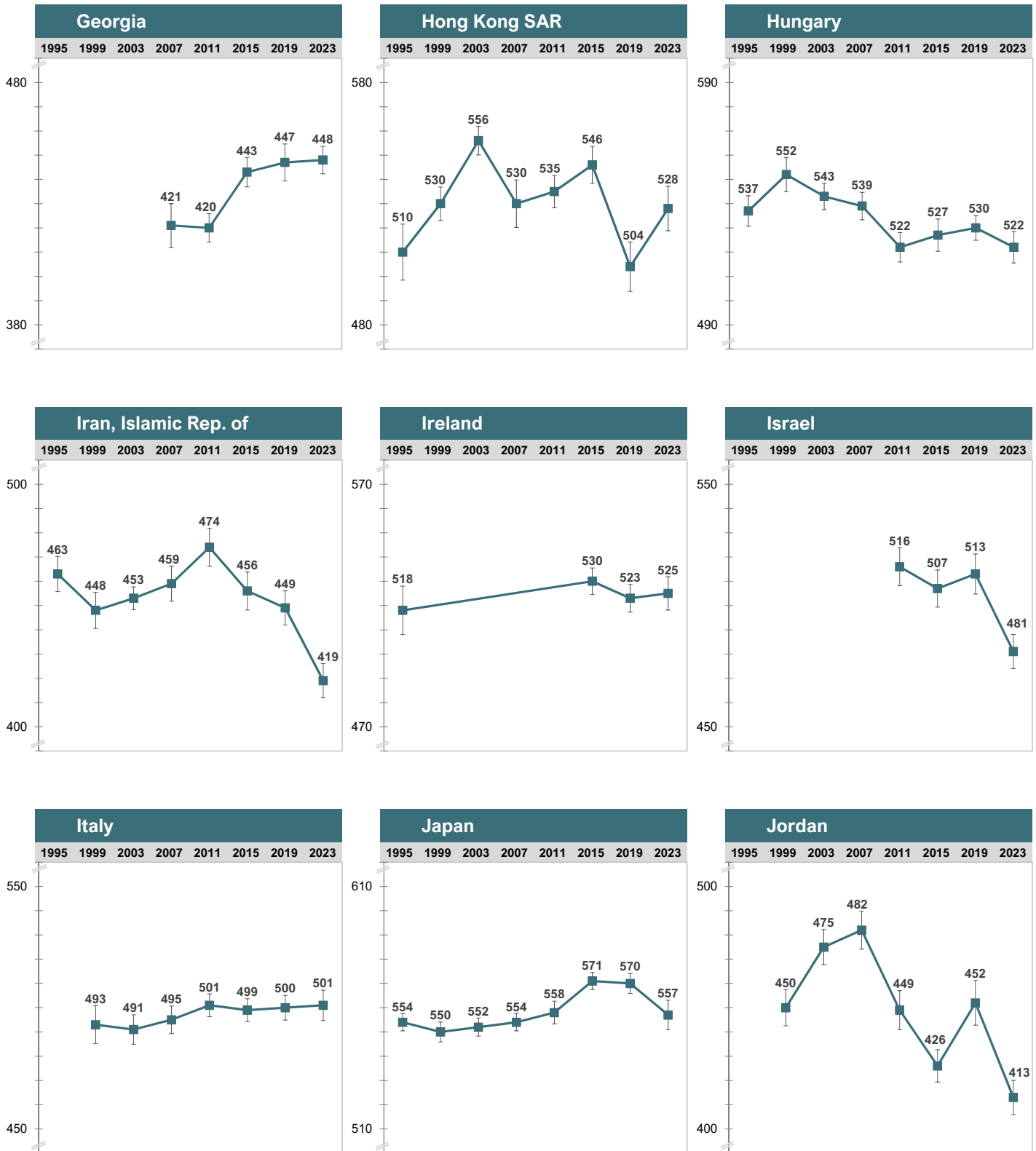


See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I. The black bars represent the 95% confidence interval.

Exhibit 2.2.9: Trend Plots of Average Science Achievement

(Continued)

This exhibit displays changes in achievement across assessment years for the countries and benchmarking participants that have comparable data from previous TIMSS assessments. The accompanying table (Exhibit 2.2.10) provides details. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. See Appendix A for country participation in previous assessments.

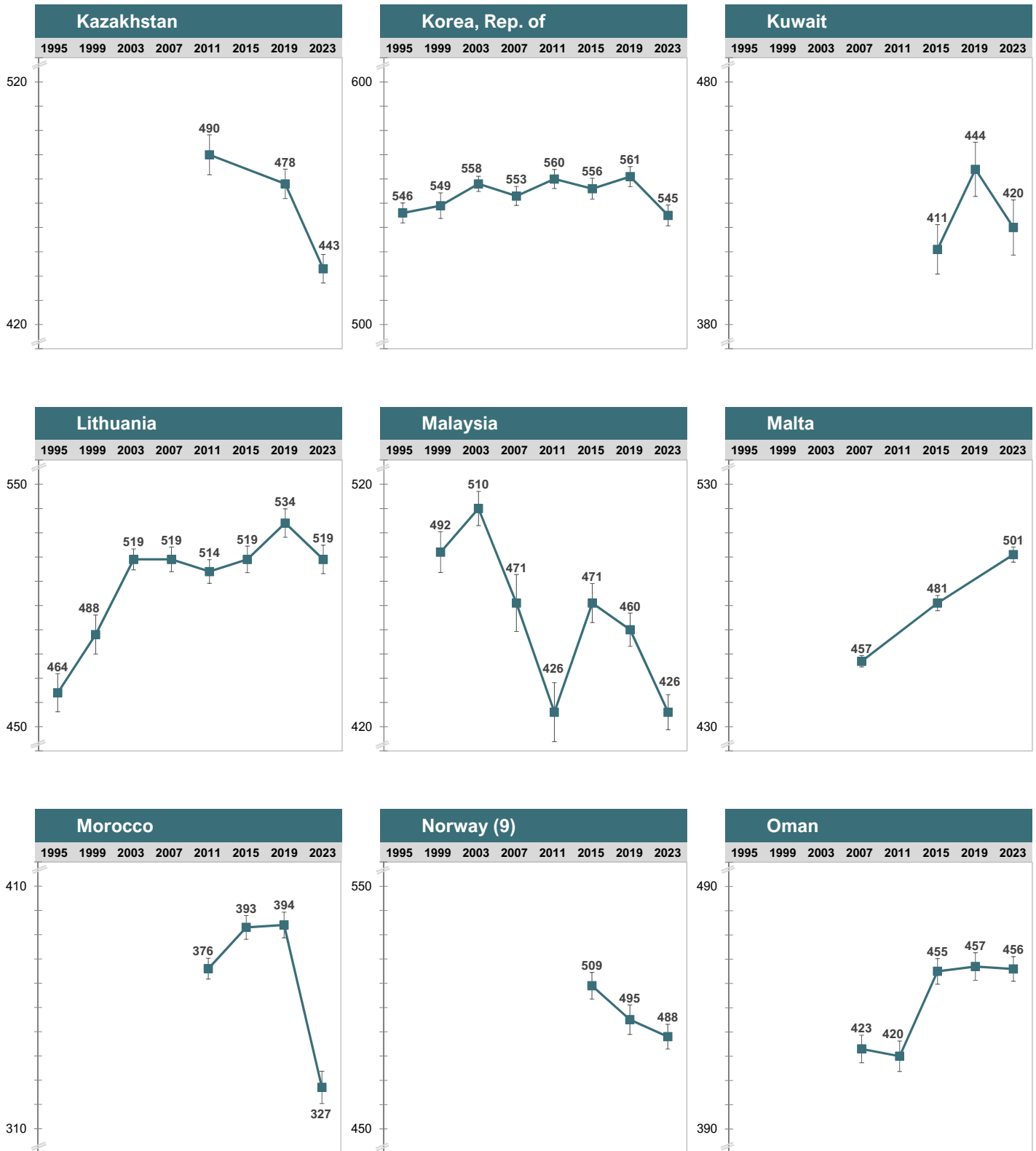


See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I The black bars represent the 95% confidence interval.

Exhibit 2.2.9: Trend Plots of Average Science Achievement

(Continued)

This exhibit displays changes in achievement across assessment years for the countries and benchmarking participants that have comparable data from previous TIMSS assessments. The accompanying table (Exhibit 2.2.10) provides details. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. See Appendix A for country participation in previous assessments.

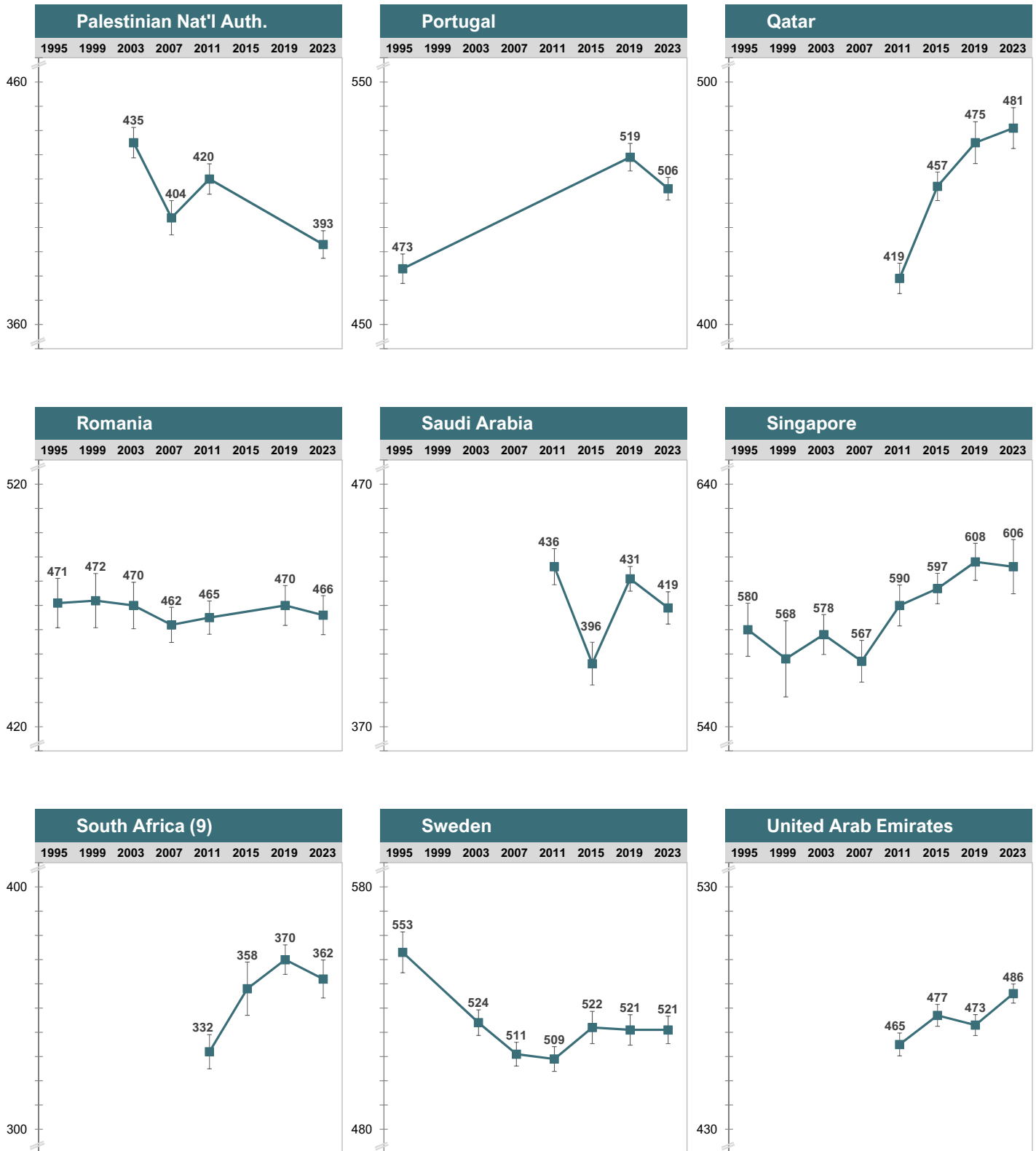


See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I The black bars represent the 95% confidence interval.

Exhibit 2.2.9: Trend Plots of Average Science Achievement

(Continued)

This exhibit displays changes in achievement across assessment years for the countries and benchmarking participants that have comparable data from previous TIMSS assessments. The accompanying table (Exhibit 2.2.10) provides details. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. See Appendix A for country participation in previous assessments.

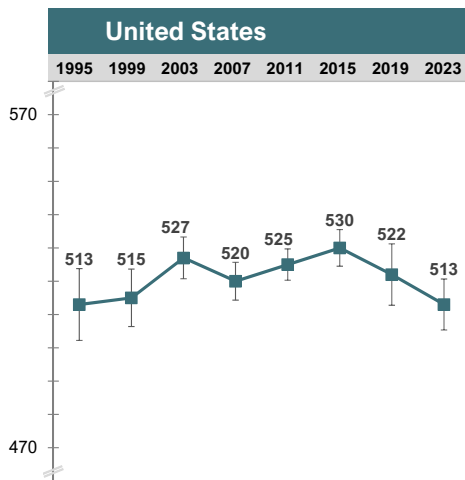


See Appendix A for country participation in previous TIMSS assessments.
 The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement.
 I. The black bars represent the 95% confidence interval.

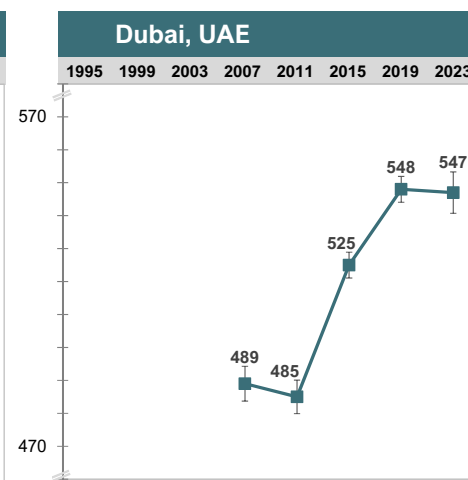
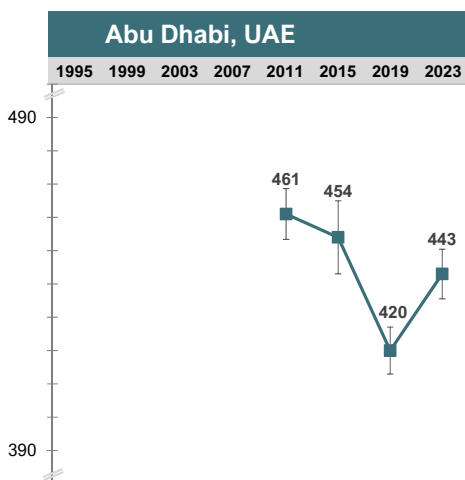
Exhibit 2.2.9: Trend Plots of Average Science Achievement

(Continued)

This exhibit displays changes in achievement across assessment years for the countries and benchmarking participants that have comparable data from previous TIMSS assessments. The accompanying table (Exhibit 2.2.10) provides details. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. See Appendix A for country participation in previous assessments.



Benchmarking Participants

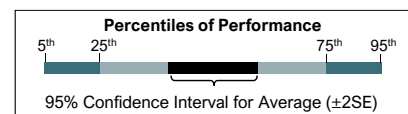


See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I. The black bars represent the 95% confidence interval.

Exhibit 2.2.10: Trends in Average Science Achievement and Scale Score Distributions

This exhibit reports differences in achievement across assessment years for the countries and benchmarking participants that have comparable data from previous TIMSS assessments. Symbols indicate if the row year is significantly higher (▲) or significantly lower (▼) than the performance in TIMSS 2023. See Appendix A for country participation in previous TIMSS assessments.

| Country | Average Scale Score | 95% Confidence Interval for Average | Difference from TIMSS 2023 | Science Achievement Distribution |
|-----------------------|---------------------|-------------------------------------|----------------------------|----------------------------------|
| Australia | | | | |
| 2023 | 520 (3.2) | 514 - 526 | | |
| 2019 | 528 (3.2) | 522 - 535 | 8 (4.5) | |
| 2015 | 512 (2.7) | 507 - 517 | -8 (4.1) ▼ | |
| 2011 | 519 (4.7) | 510 - 529 | -1 (5.7) | |
| 2007 | 515 (3.6) | 508 - 522 | -5 (4.8) | |
| 2003 | 527 (3.9) | 519 - 535 | 7 (5.0) | |
| ‡ 1995 | 514 (3.9) | 506 - 521 | -6 (5.0) | |
| Bahrain | | | | |
| 2023 | 452 (2.6) | 447 - 457 | | |
| 2019 | 486 (1.9) | 482 - 490 | 34 (3.3) ▲ | |
| 2015 | 466 (2.2) | 462 - 470 | 14 (3.4) ▲ | |
| 2011 | 452 (1.9) | 449 - 456 | 1 (3.3) | |
| 2007 | 467 (1.7) | 464 - 471 | 16 (3.1) ▲ | |
| 2003 | 438 (1.7) | 435 - 442 | -14 (3.2) ▼ | |
| Chile | | | | |
| † 2023 | 455 (2.7) | 450 - 460 | | |
| 2019 | 462 (2.9) | 457 - 468 | 7 (3.9) | |
| 2015 | 454 (3.1) | 448 - 460 | -1 (4.1) | |
| 2011 | 461 (2.5) | 457 - 466 | 6 (3.7) | |
| 2003 | 413 (2.8) | 407 - 418 | -42 (3.9) ▼ | |
| 1999 | 420 (3.8) | 413 - 428 | -35 (4.6) ▼ | |
| Chinese Taipei | | | | |
| 2023 | 572 (2.4) | 567 - 577 | | |
| 2019 | 574 (1.9) | 571 - 578 | 3 (3.1) | |
| 2015 | 569 (2.1) | 565 - 574 | -2 (3.2) | |
| 2011 | 564 (2.3) | 559 - 568 | -8 (3.4) ▼ | |
| 2007 | 561 (3.6) | 554 - 568 | -11 (4.4) ▼ | |
| 2003 | 571 (3.5) | 564 - 578 | -1 (4.2) | |
| 1999 | 569 (4.2) | 561 - 577 | -3 (4.9) | |
| Cyprus | | | | |
| 2023 | 464 (3.0) | 458 - 470 | | |
| 2019 | 484 (1.9) | 480 - 487 | 19 (3.5) ▲ | |
| 2007 | 452 (2.2) | 447 - 456 | -13 (3.7) ▼ | |
| 2003 | 441 (2.1) | 437 - 446 | -23 (3.6) ▼ | |
| 1999 | 460 (2.3) | 456 - 465 | -4 (3.8) | |
| 1995 | 452 (1.9) | 448 - 456 | -12 (3.6) ▼ | |
| Czech Republic | | | | |
| ² 2023 | 527 (2.0) | 523 - 531 | | |
| 2007 | 539 (2.0) | 535 - 543 | 12 (2.8) ▲ | |
| 1999 | 539 (4.2) | 531 - 548 | 12 (4.6) ▲ | |
| 1995 | 555 (4.5) | 546 - 564 | 28 (4.9) ▲ | |
| England | | | | |
| ² 2023 | 531 (4.3) | 523 - 540 | | |
| 2019 | 517 (4.8) | 507 - 526 | -15 (6.5) ▼ | |
| 2015 | 537 (3.8) | 529 - 544 | 5 (5.8) | |
| ‡ 2011 | 533 (4.9) | 523 - 543 | 2 (6.5) | |
| † 2007 | 542 (4.4) | 533 - 550 | 10 (6.2) | |
| ≡ 2003 | 544 (4.0) | 536 - 552 | 13 (5.9) ▲ | |
| † 1999 | 538 (4.8) | 529 - 548 | 7 (6.4) | |
| ³ † 1995 | 533 (3.5) | 527 - 540 | 2 (5.6) | |
| Finland | | | | |
| 2023 | 531 (3.2) | 524 - 537 | | |
| 2019 | 543 (3.1) | 536 - 549 | 12 (4.5) ▲ | |
| 2011 | 552 (2.4) | 548 - 557 | 22 (4.0) ▲ | |
| France | | | | |
| 2023 | 486 (3.2) | 480 - 492 | | |
| 2019 | 489 (2.7) | 483 - 494 | 2 (4.2) | |
| 1995 | 488 (3.2) | 481 - 494 | 1 (4.5) | |



See Appendix A for country participation in previous TIMSS assessments.

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

See Appendix B.7 for population coverage notes 1, 2, and 3. See Appendix B.10 for sampling guidelines and sampling participation notes †, ‡, and ≡.

Exhibit 2.2.10: Trends in Average Science Achievement and Scale Score Distributions

(Continued)

| Country | Average Scale Score | 95% Confidence Interval for Average | Difference from TIMSS 2023 | Science Achievement Distribution |
|------------------------------|---------------------|-------------------------------------|----------------------------|----------------------------------|
| Georgia | | | | |
| ¹ 2023 | 448 (2.9) | 442 - 454 | | |
| ¹ 2019 | 447 (3.9) | 439 - 454 | -1 (4.9) | |
| ^{1,2} 2015 | 443 (3.1) | 437 - 449 | -5 (4.3) | |
| ¹ 2011 | 420 (3.0) | 414 - 426 | -28 (4.2) ▼ | |
| ¹ 2007 | 421 (4.6) | 412 - 430 | -27 (5.4) ▼ | |
| Hong Kong SAR | | | | |
| [†] 2023 | 528 (4.7) | 518 - 537 | | |
| [†] 2019 | 504 (5.2) | 493 - 514 | -24 (7.0) ▼ | |
| 2015 | 546 (3.9) | 538 - 553 | 18 (6.1) ▲ | |
| 2011 | 535 (3.4) | 528 - 542 | 7 (5.8) | |
| [†] 2007 | 530 (5.0) | 520 - 540 | 3 (6.8) | |
| [†] 2003 | 556 (3.0) | 550 - 562 | 28 (5.6) ▲ | |
| [†] 1999 | 530 (3.5) | 523 - 536 | 2 (5.9) | |
| 1995 | 510 (5.9) | 498 - 521 | -18 (7.5) ▼ | |
| Hungary | | | | |
| 2023 | 522 (3.3) | 515 - 528 | | |
| 2019 | 530 (2.6) | 525 - 535 | 8 (4.2) | |
| 2015 | 527 (3.4) | 521 - 534 | 6 (4.7) | |
| 2011 | 522 (3.1) | 516 - 529 | 1 (4.5) | |
| 2007 | 539 (2.9) | 533 - 545 | 17 (4.4) ▲ | |
| ² 2003 | 543 (2.8) | 537 - 548 | 21 (4.3) ▲ | |
| 1999 | 552 (3.6) | 545 - 559 | 31 (4.8) ▲ | |
| 1995 | 537 (3.2) | 530 - 543 | 15 (4.6) ▲ | |
| Iran, Islamic Rep. of | | | | |
| 2023 | 419 (3.6) | 412 - 426 | | |
| 2019 | 449 (3.6) | 442 - 456 | 30 (5.0) ▲ | |
| 2015 | 456 (4.0) | 449 - 464 | 37 (5.4) ▲ | |
| 2011 | 474 (4.0) | 467 - 482 | 55 (5.3) ▲ | |
| 2007 | 459 (3.7) | 452 - 466 | 40 (5.1) ▲ | |
| ² 2003 | 453 (2.4) | 449 - 458 | 34 (4.3) ▲ | |
| 1999 | 448 (3.8) | 441 - 455 | 29 (5.2) ▲ | |
| 1995 | 463 (3.7) | 456 - 470 | 44 (5.1) ▲ | |
| Ireland | | | | |
| 2023 | 525 (3.5) | 518 - 532 | | |
| 2019 | 523 (2.9) | 517 - 529 | -2 (4.6) | |
| 2015 | 530 (2.8) | 525 - 536 | 5 (4.5) | |
| 1995 | 518 (5.1) | 508 - 528 | -7 (6.2) | |
| Israel | | | | |
| ³ 2023 | 481 (3.6) | 473 - 488 | | |
| ³ 2019 | 513 (4.2) | 505 - 522 | 33 (5.5) ▲ | |
| ³ 2015 | 507 (3.9) | 499 - 514 | 26 (5.3) ▲ | |
| ³ 2011 | 516 (4.0) | 508 - 524 | 35 (5.4) ▲ | |
| Italy | | | | |
| 2023 | 501 (3.2) | 494 - 507 | | |
| 2019 | 500 (2.6) | 495 - 506 | 0 (4.1) | |
| ² 2015 | 499 (2.4) | 494 - 504 | -2 (4.0) | |
| 2011 | 501 (2.4) | 496 - 506 | 0 (4.0) | |
| 2007 | 495 (2.9) | 489 - 501 | -6 (4.3) | |
| 2003 | 491 (3.1) | 485 - 497 | -10 (4.5) ▼ | |
| ² 1999 | 493 (4.0) | 485 - 501 | -7 (5.1) | |
| Japan | | | | |
| [†] 2023 | 557 (3.1) | 551 - 563 | | |
| 2019 | 570 (2.1) | 565 - 574 | 13 (3.8) ▲ | |
| 2015 | 571 (1.8) | 567 - 574 | 14 (3.6) ▲ | |
| 2011 | 558 (2.4) | 553 - 562 | 1 (3.9) | |
| 2007 | 554 (1.8) | 550 - 557 | -3 (3.6) | |
| 2003 | 552 (1.9) | 549 - 556 | -5 (3.6) | |
| 1999 | 550 (2.1) | 545 - 554 | -7 (3.8) | |
| 1995 | 554 (1.8) | 551 - 558 | -3 (3.6) | |
| Jordan | | | | |
| 2023 | 413 (3.6) | 406 - 420 | | |
| 2019 | 452 (4.7) | 443 - 461 | 39 (5.9) ▲ | |
| 2015 | 426 (3.4) | 420 - 433 | 13 (4.9) ▲ | |
| 2011 | 449 (4.1) | 441 - 457 | 36 (5.4) ▲ | |
| 2007 | 482 (4.0) | 474 - 490 | 69 (5.4) ▲ | |
| 2003 | 475 (3.7) | 468 - 482 | 62 (5.2) ▲ | |
| 1999 | 450 (3.8) | 443 - 458 | 38 (5.2) ▲ | |
| Kazakhstan | | | | |
| 2023 | 443 (3.0) | 437 - 449 | | |
| ² 2019 | 478 (3.1) | 472 - 484 | 35 (4.3) ▲ | |
| 2011 | 490 (4.2) | 482 - 498 | 47 (5.2) ▲ | |

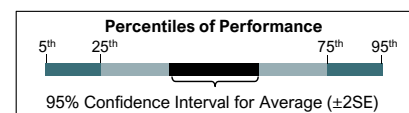
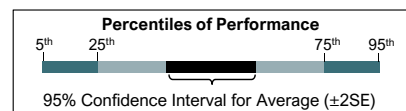


Exhibit 2.2.10: Trends in Average Science Achievement and Scale Score Distributions

(Continued)

| Country | Average Scale Score | 95% Confidence Interval for Average | Difference from TIMSS 2023 | Science Achievement Distribution |
|--------------------------------|---------------------|-------------------------------------|----------------------------|----------------------------------|
| Korea, Rep. of | | | | |
| 2023 | 545 (2.2) | 541 - 550 | | |
| 2019 | 561 (2.1) | 557 - 565 | 15 (3.1) ▲ | |
| 2015 | 556 (2.2) | 551 - 560 | 10 (3.2) ▲ | |
| 2011 | 560 (2.0) | 556 - 564 | 15 (3.0) ▲ | |
| 2007 | 553 (2.0) | 549 - 557 | 8 (3.0) ▲ | |
| 2003 | 558 (1.6) | 555 - 561 | 13 (2.7) ▲ | |
| 1999 | 549 (2.7) | 543 - 554 | 3 (3.5) | |
| 1995 | 546 (2.1) | 542 - 550 | 0 (3.1) | |
| Kuwait | | | | |
| 2023 | 420 (5.8) | 408 - 431 | | |
| 2019 | 444 (5.7) | 433 - 455 | 25 (8.1) ▲ | |
| 2015 | 411 (5.2) | 401 - 421 | -9 (7.8) | |
| Lithuania | | | | |
| ² 2023 | 519 (3.0) | 513 - 525 | | |
| 2019 | 534 (3.0) | 528 - 540 | 15 (4.2) ▲ | |
| ² 2015 | 519 (2.8) | 514 - 525 | 0 (4.1) | |
| ¹ 2011 | 514 (2.5) | 509 - 519 | -5 (3.9) | |
| ¹ 2007 | 519 (2.6) | 514 - 524 | -1 (3.9) | |
| ¹ 2003 | 519 (2.2) | 515 - 524 | 0 (3.7) | |
| ¹ 1999 | 488 (4.1) | 480 - 496 | -31 (5.1) ▼ | |
| ^{1,2} 1995 | 464 (4.0) | 456 - 471 | -56 (5.0) ▼ | |
| Malaysia | | | | |
| 2023 | 426 (3.7) | 419 - 434 | | |
| 2019 | 460 (3.5) | 453 - 467 | 34 (5.1) ▲ | |
| 2015 | 471 (4.1) | 463 - 479 | 44 (5.5) ▲ | |
| 2011 | 426 (6.2) | 414 - 439 | 0 (7.2) | |
| 2007 | 471 (6.0) | 459 - 483 | 44 (7.0) ▲ | |
| 2003 | 510 (3.6) | 503 - 518 | 84 (5.2) ▲ | |
| 1999 | 492 (4.3) | 484 - 501 | 66 (5.7) ▲ | |
| Malta | | | | |
| 2023 | 501 (1.6) | 498 - 504 | | |
| 2015 | 481 (1.6) | 478 - 485 | -20 (2.3) ▼ | |
| 2007 | 457 (1.2) | 455 - 460 | -44 (2.0) ▼ | |
| Morocco | | | | |
| ^ψ 2023 | 327 (3.4) | 320 - 334 | | |
| 2019 | 394 (2.7) | 389 - 399 | 67 (4.3) ▲ | |
| 2015 | 393 (2.5) | 388 - 398 | 66 (4.2) ▲ | |
| 2011 | 376 (2.2) | 372 - 380 | 49 (4.0) ▲ | |
| Norway (9) | | | | |
| ² 2023 | 488 (2.6) | 483 - 494 | | |
| [†] 2019 | 495 (3.1) | 489 - 502 | 7 (4.1) | |
| 2015 | 509 (2.8) | 503 - 514 | 20 (3.8) ▲ | |
| Oman | | | | |
| 2023 | 456 (2.6) | 451 - 461 | | |
| 2019 | 457 (2.9) | 452 - 463 | 1 (3.9) | |
| 2015 | 455 (2.7) | 449 - 460 | -1 (3.7) | |
| 2011 | 420 (3.2) | 414 - 426 | -36 (4.1) ▼ | |
| 2007 | 423 (2.9) | 417 - 428 | -33 (3.9) ▼ | |
| Palestinian Nat'l Auth. | | | | |
| 2023 | 393 (2.9) | 387 - 399 | | |
| 2011 | 420 (3.2) | 414 - 427 | 28 (4.3) ▲ | |
| 2007 | 404 (3.6) | 397 - 411 | 11 (4.6) ▲ | |
| 2003 | 435 (3.2) | 429 - 442 | 43 (4.3) ▲ | |
| Portugal | | | | |
| 2023 | 506 (2.4) | 501 - 510 | | |
| 2019 | 519 (2.9) | 513 - 524 | 13 (3.7) ▲ | |
| 1995 | 473 (3.1) | 467 - 479 | -33 (3.9) ▼ | |
| Qatar | | | | |
| 2023 | 481 (4.3) | 473 - 489 | | |
| 2019 | 475 (4.4) | 466 - 483 | -7 (6.1) | |
| 2015 | 457 (3.0) | 451 - 462 | -25 (5.2) ▼ | |
| 2011 | 419 (3.2) | 412 - 425 | -62 (5.4) ▼ | |
| Romania | | | | |
| [≡] 2023 | 466 (4.1) | 458 - 474 | | |
| 2019 | 470 (4.2) | 462 - 478 | 4 (5.8) | |
| 2011 | 465 (3.5) | 458 - 472 | -1 (5.4) | |
| 2007 | 462 (3.7) | 455 - 469 | -4 (5.5) | |
| 2003 | 470 (4.9) | 460 - 479 | 3 (6.4) | |
| 1999 | 472 (5.7) | 461 - 483 | 6 (7.0) | |
| 1995 | 471 (5.2) | 461 - 481 | 5 (6.6) | |



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

Exhibit 2.2.10: Trends in Average Science Achievement and Scale Score Distributions

(Continued)

| Country | Average Scale Score | 95% Confidence Interval for Average | Difference from TIMSS 2023 | Science Achievement Distribution |
|----------------------------------|---------------------|-------------------------------------|----------------------------|----------------------------------|
| Saudi Arabia | | | | |
| ² 2023 | 419 (3.4) | 412 - 426 | | |
| ² 2019 | 431 (2.6) | 426 - 437 | 12 (4.3) ▲ | |
| 2015 | 396 (4.5) | 388 - 405 | -23 (5.6) ▼ | |
| 2011 | 436 (3.8) | 429 - 444 | 17 (5.1) ▲ | |
| Singapore | | | | |
| ³ 2023 | 606 (5.7) | 595 - 617 | | |
| ² 2019 | 608 (3.9) | 600 - 615 | 1 (6.9) | |
| ² 2015 | 597 (3.2) | 590 - 603 | -10 (6.5) | |
| ² 2011 | 590 (4.3) | 582 - 598 | -16 (7.1) ▼ | |
| 2007 | 567 (4.4) | 559 - 576 | -39 (7.2) ▼ | |
| 2003 | 578 (4.2) | 570 - 586 | -28 (7.1) ▼ | |
| 1999 | 568 (8.0) | 552 - 584 | -38 (9.8) ▼ | |
| 1995 | 580 (5.6) | 569 - 591 | -26 (8.0) ▼ | |
| South Africa (9) | | | | |
| ^ψ 2023 | 362 (4.0) | 355 - 370 | | |
| ^ψ 2019 | 370 (3.1) | 364 - 376 | 8 (5.0) | |
| 2015 | 358 (5.6) | 347 - 369 | -5 (6.9) | |
| ^ψ 2011 | 332 (3.6) | 325 - 339 | -31 (5.4) ▼ | |
| Sweden | | | | |
| ² 2023 | 521 (2.9) | 516 - 527 | | |
| ² 2019 | 521 (3.2) | 515 - 528 | 0 (4.3) | |
| 2015 | 522 (3.4) | 516 - 529 | 1 (4.5) | |
| 2011 | 509 (2.6) | 504 - 515 | -12 (3.9) ▼ | |
| 2007 | 511 (2.5) | 506 - 516 | -11 (3.9) ▼ | |
| 2003 | 524 (2.7) | 519 - 530 | 3 (4.0) | |
| 1995 | 553 (4.3) | 544 - 561 | 31 (5.2) ▲ | |
| United Arab Emirates | | | | |
| 2023 | 486 (2.0) | 482 - 490 | | |
| 2019 | 473 (2.2) | 469 - 477 | -13 (3.0) ▼ | |
| 2015 | 477 (2.3) | 472 - 481 | -10 (3.1) ▼ | |
| 2011 | 465 (2.4) | 460 - 469 | -22 (3.1) ▼ | |
| United States | | | | |
| [≡] 2023 | 513 (3.9) | 506 - 521 | | |
| [†] 2019 | 522 (4.7) | 513 - 531 | 9 (6.1) | |
| [†] 2015 | 530 (2.8) | 524 - 536 | 17 (4.8) ▲ | |
| ² 2011 | 525 (2.4) | 520 - 529 | 11 (4.6) ▲ | |
| ^{2†} 2007 | 520 (2.9) | 514 - 526 | 7 (4.8) | |
| [‡] 2003 | 527 (3.2) | 521 - 533 | 14 (5.0) ▲ | |
| 1999 | 515 (4.4) | 506 - 524 | 2 (5.9) | |
| [†] 1995 | 513 (5.5) | 502 - 523 | -1 (6.7) | |
| New Zealand | | | | |
| [≡] 2023 | 502 (4.0) | 494 - 510 | | |
| [†] 2019 | 499 (3.5) | 492 - 506 | -3 (5.3) | |
| [†] 2015 | 513 (3.1) | 507 - 519 | 11 (5.1) ▲ | |
| 2011 | 512 (4.6) | 503 - 521 | 10 (6.1) | |
| 2003 | 520 (5.0) | 510 - 530 | 18 (6.4) ▲ | |
| 1999 | 510 (5.1) | 500 - 520 | 8 (6.5) | |
| 1995 | 511 (4.9) | 501 - 520 | 9 (6.3) | |
| Benchmarking Participants | | | | |
| Abu Dhabi, UAE | | | | |
| 2023 | 443 (3.8) | 436 - 451 | | |
| 2019 | 420 (3.6) | 413 - 427 | -23 (5.2) ▼ | |
| 2015 | 454 (5.6) | 443 - 465 | 11 (6.7) | |
| 2011 | 461 (3.9) | 454 - 469 | 18 (5.4) ▲ | |
| Dubai, UAE | | | | |
| 2023 | 547 (3.2) | 541 - 553 | | |
| ² 2019 | 548 (2.0) | 544 - 552 | 1 (3.8) | |
| 2015 | 525 (2.0) | 521 - 529 | -22 (3.7) ▼ | |
| 2011 | 485 (2.6) | 480 - 490 | -62 (4.1) ▼ | |
| [‡] 2007 | 489 (2.7) | 483 - 494 | -58 (4.2) ▼ | |

New Zealand did not satisfy guidelines for minimum school participation rates in 2023.

^ψ Reservations about reliability because the percentage of students with achievement too low for estimation exceeds 15% but does not exceed 25%.

