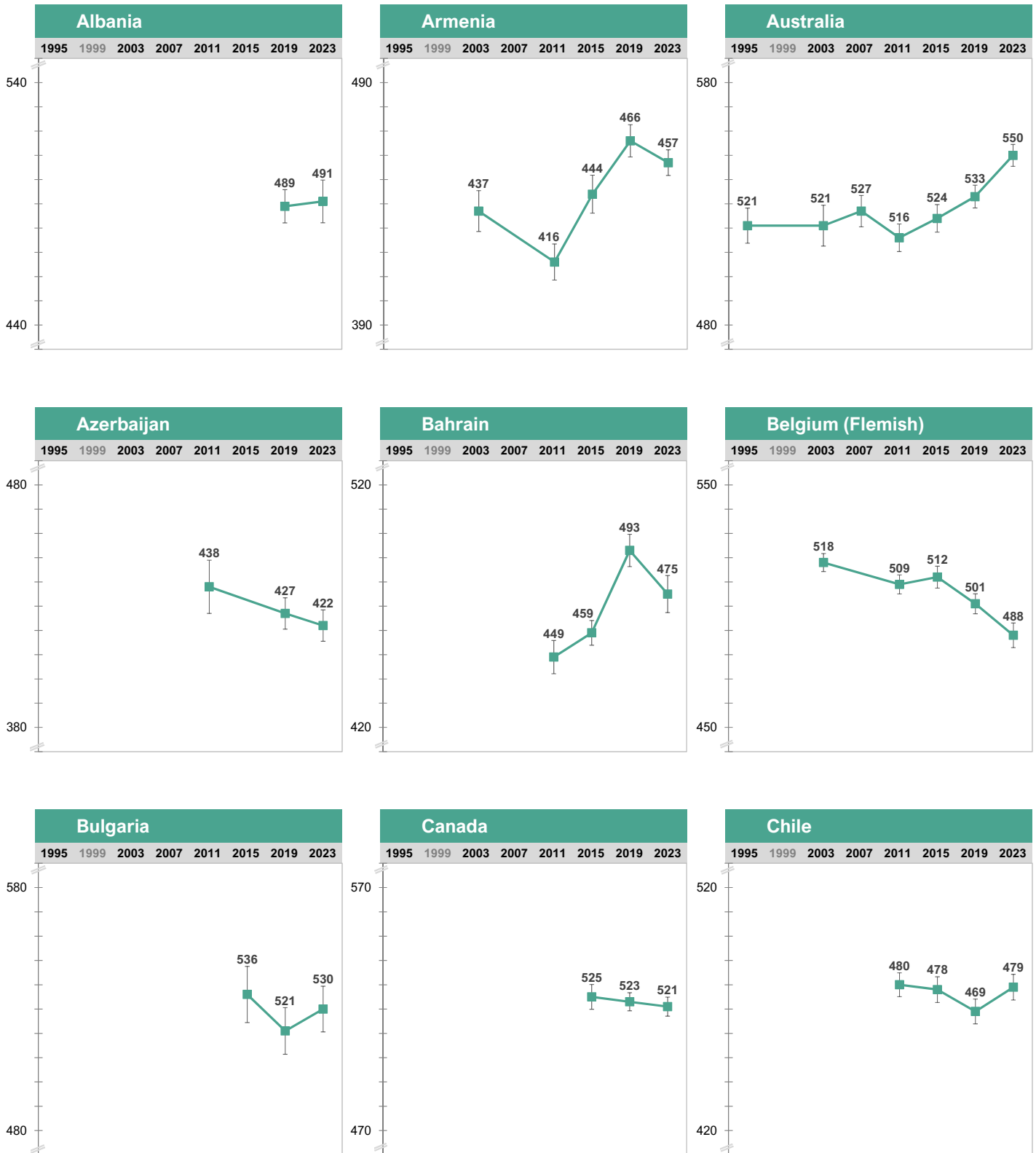


Exhibit 2.1.9: Trend Plots of Average Science Achievement[◇]

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 2.1.10) 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.

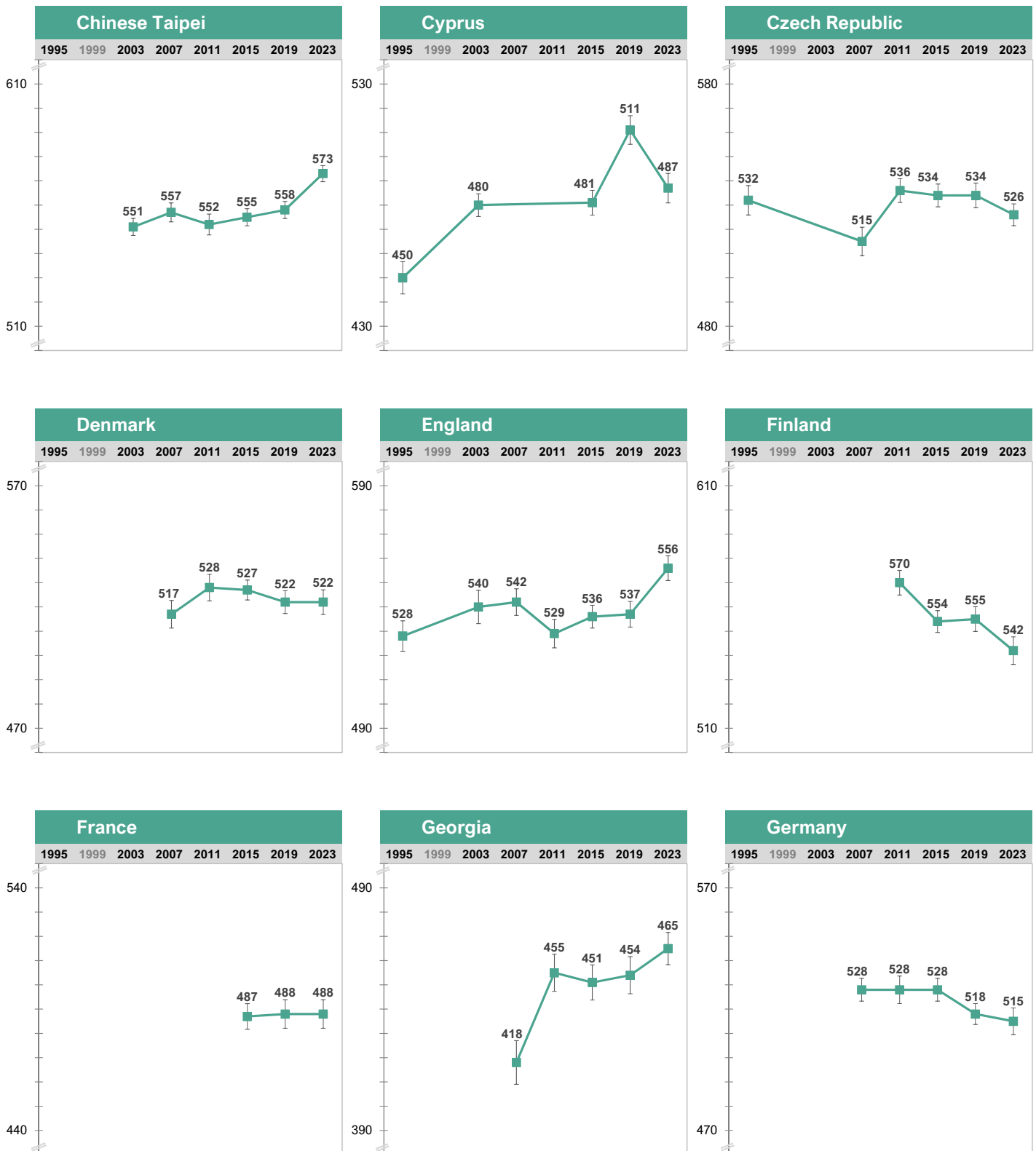


◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I. The black bars represent the 95% confidence interval.

Exhibit 2.1.9: 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 2.1.10) 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.

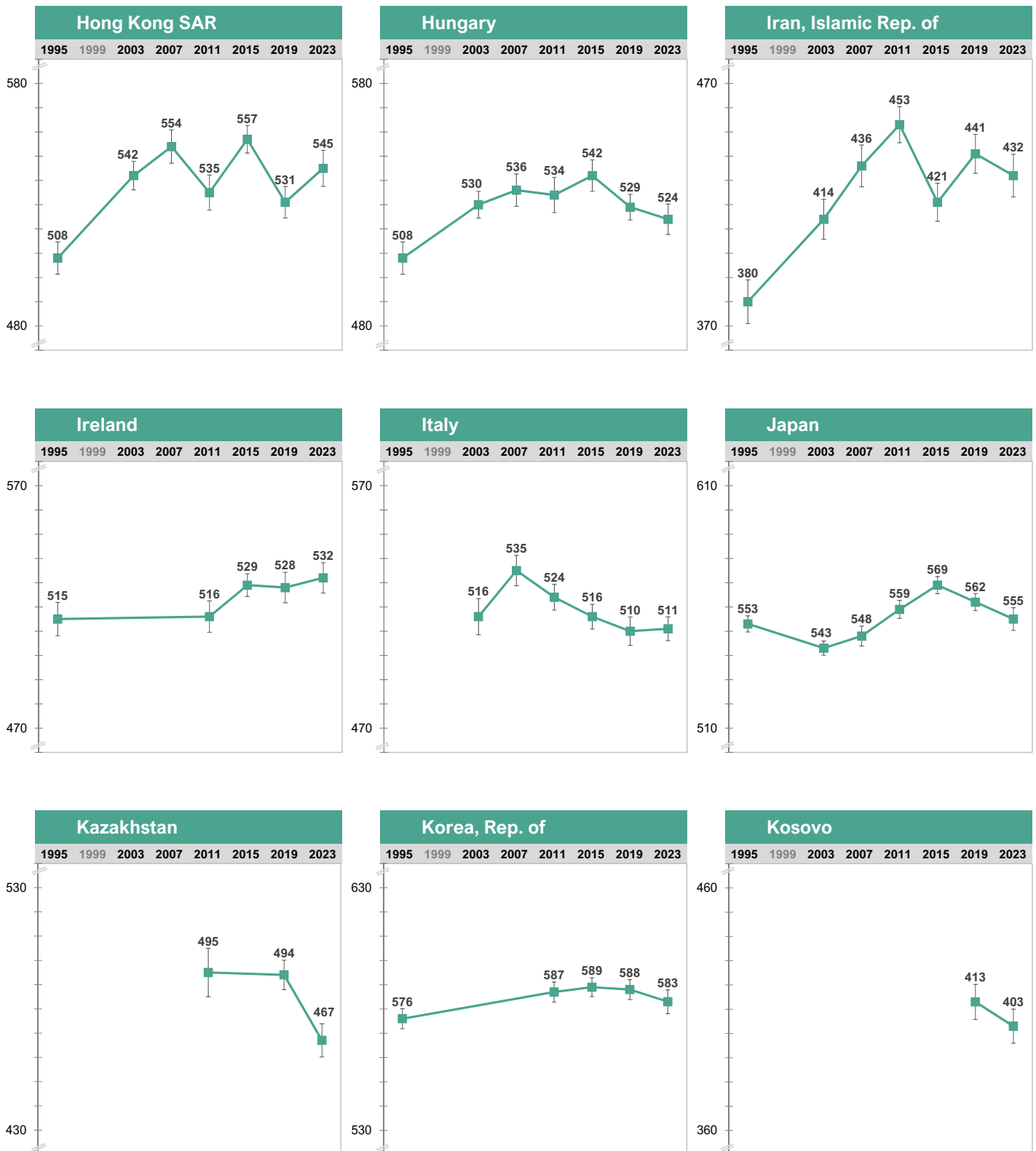


◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement.
 I The black bars represent the 95% confidence interval.

Exhibit 2.1.9: 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 2.1.10) 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.

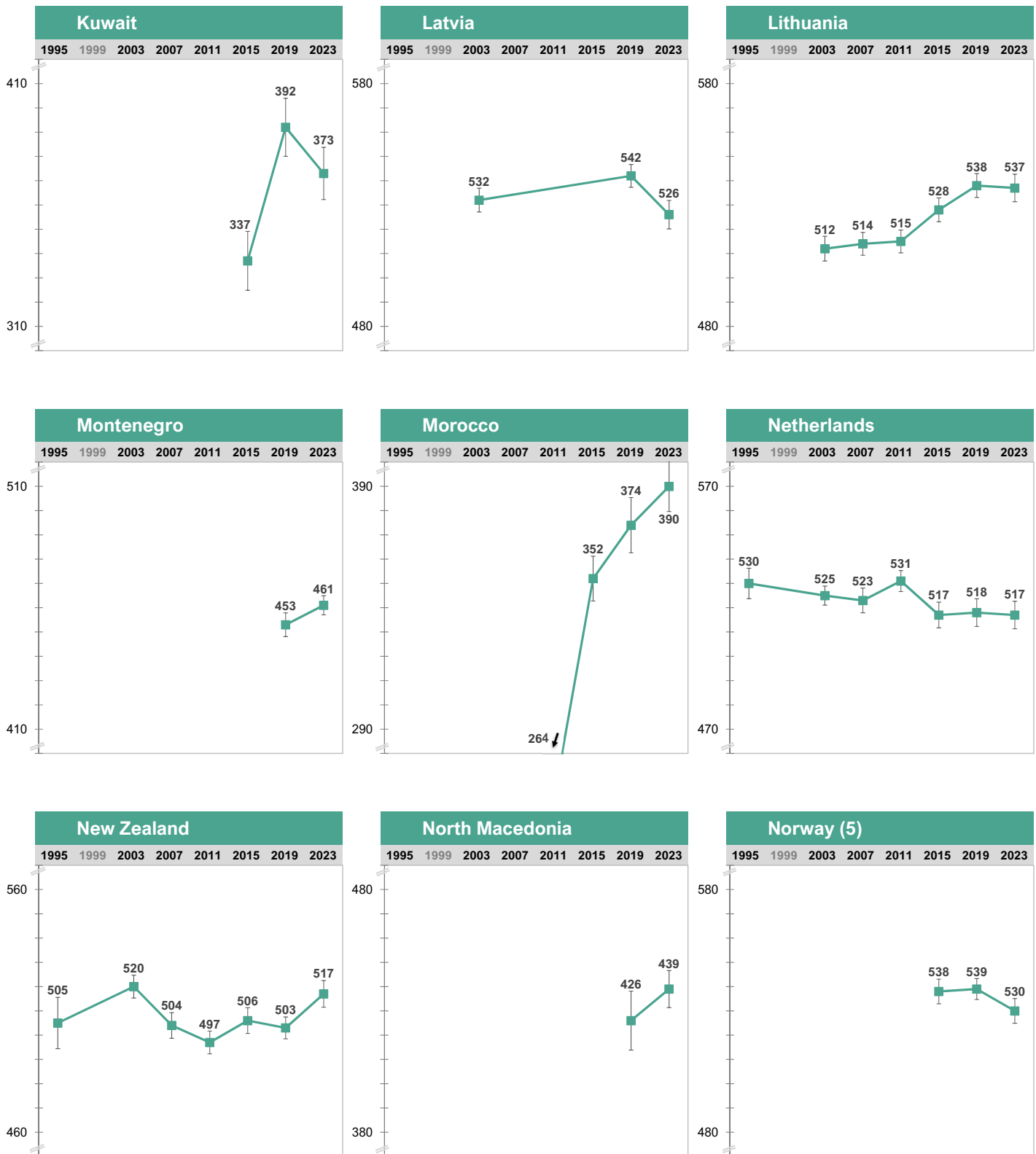


◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I The black bars represent the 95% confidence interval.

Exhibit 2.1.9: 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 2.1.10) 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.

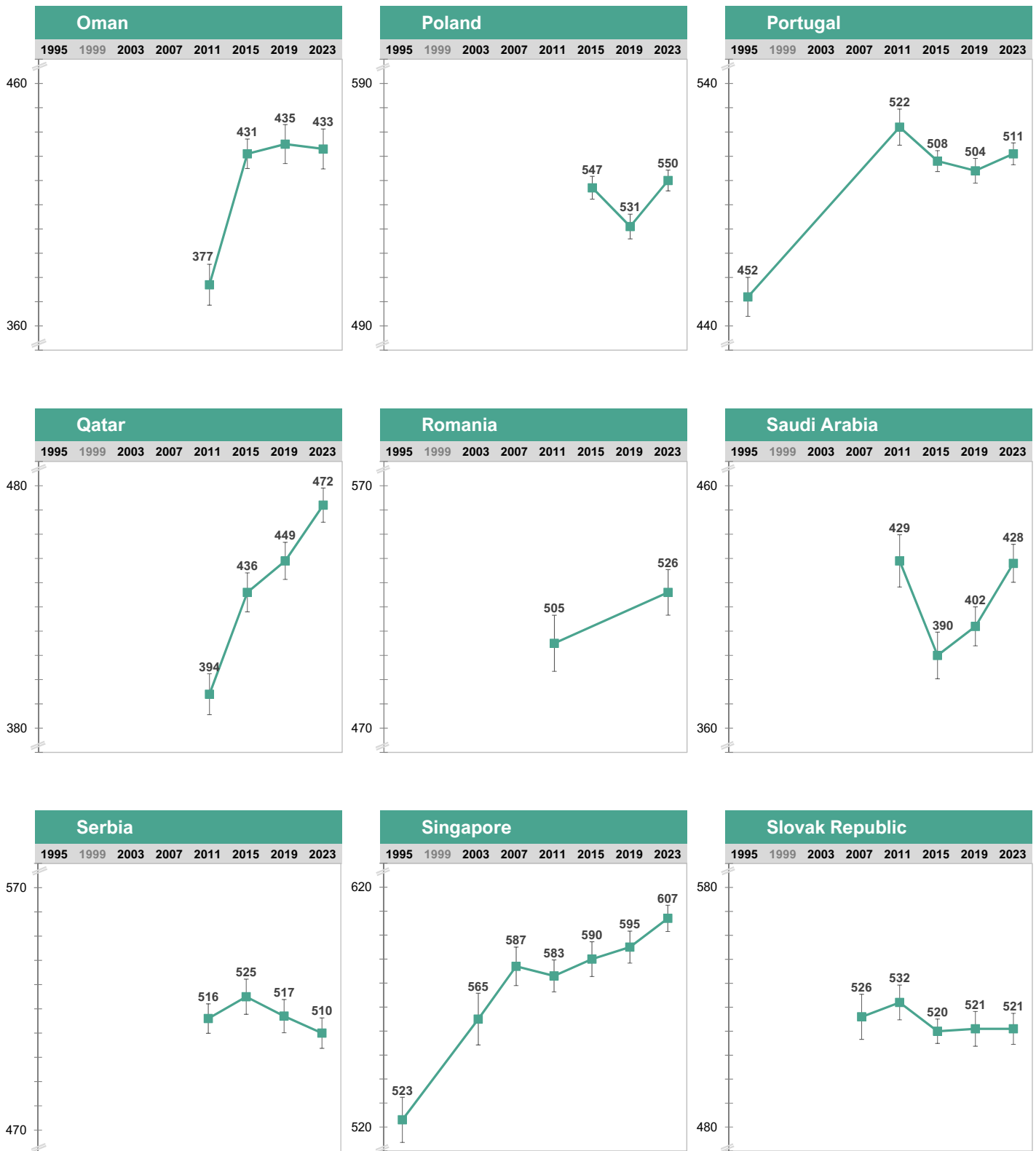


◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I The black bars represent the 95% confidence interval.

Exhibit 2.1.9: 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 2.1.10) 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.

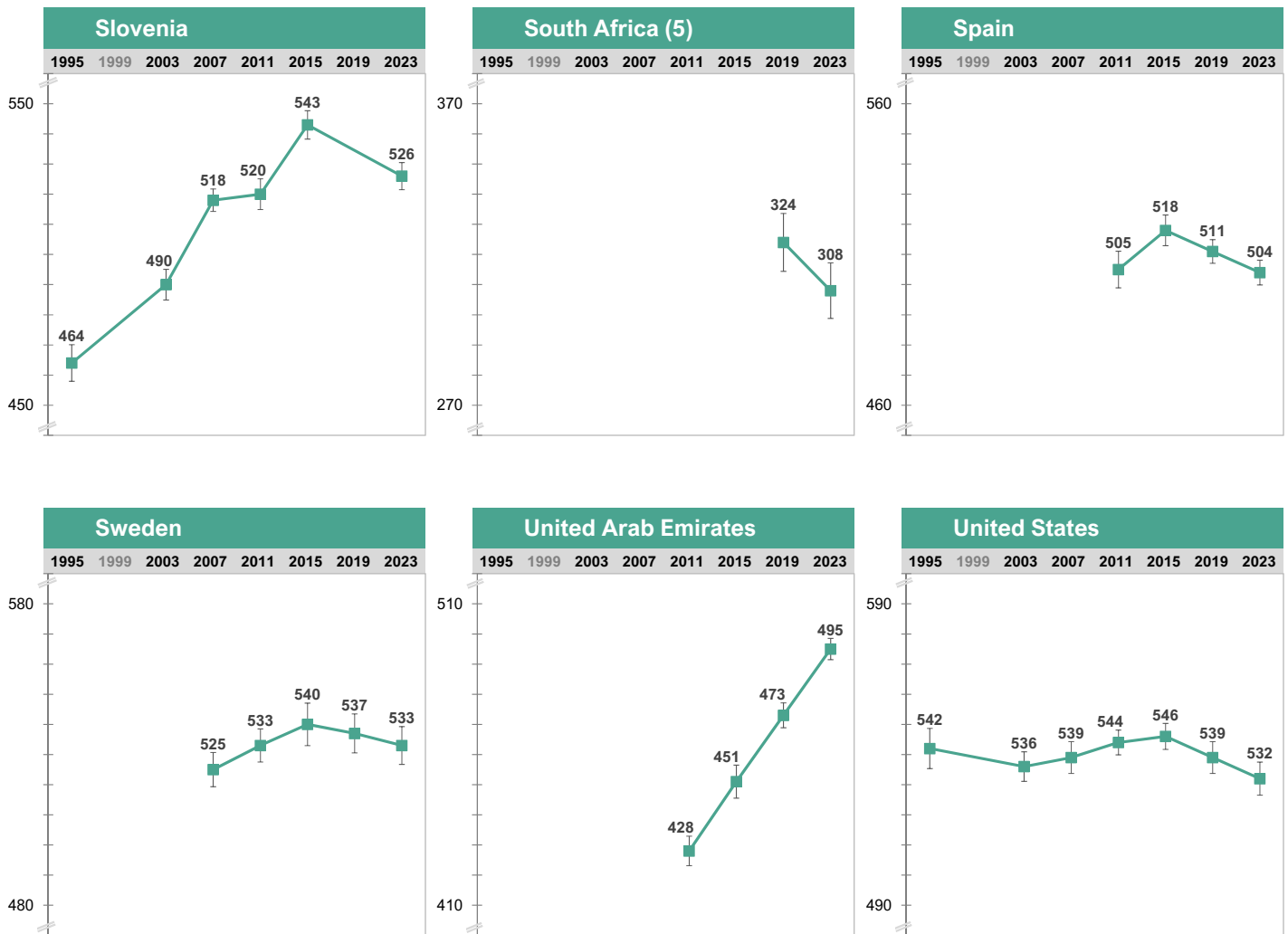


◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I The black bars represent the 95% confidence interval.

Exhibit 2.1.9: 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 2.1.10) 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.



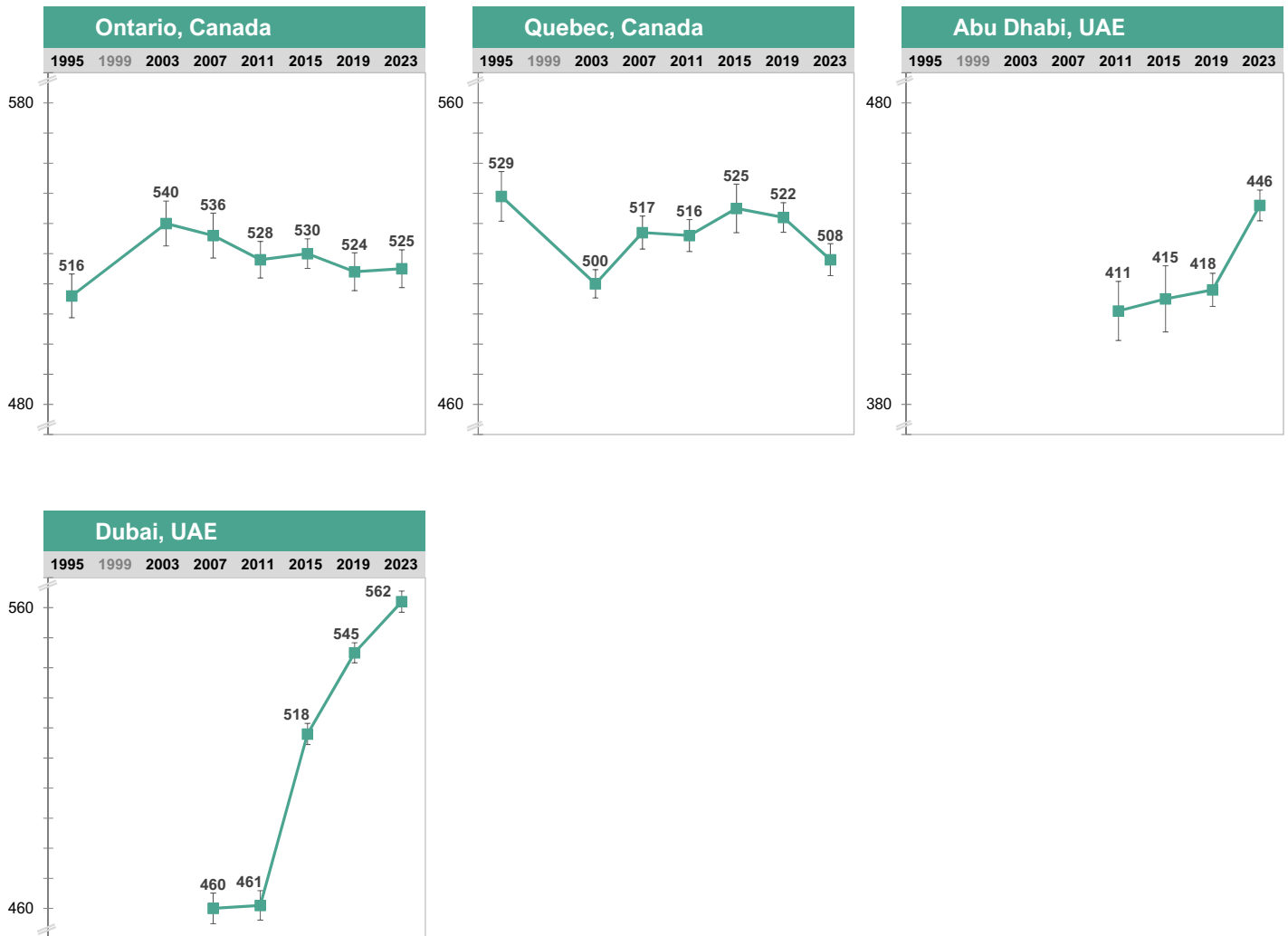
◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments.
 The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement.
 I The black bars represent the 95% confidence interval.

Exhibit 2.1.9: 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 2.1.10) 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

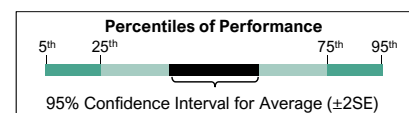


◇ There was no TIMSS fourth grade assessment in 1999. See Appendix A for country participation in previous TIMSS assessments. The scale interval is 10 points for each country, but a different part of the scale is shown according to each country's average achievement. I The black bars represent the 95% confidence interval.

Exhibit 2.1.10: 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
Albania				
² 2023	491 (4.5)	482 - 499		
2019	489 (3.5)	483 - 496	-1 (5.7)	
Armenia				
² 2023	457 (2.7)	452 - 463		
2019	466 (3.4)	460 - 473	9 (4.4) ▲	
2015	444 (4.0)	436 - 452	-13 (4.8) ▼	
2011	416 (3.8)	409 - 423	-41 (4.6) ▼	
2003	437 (4.3)	428 - 445	-21 (5.1) ▼	
Australia				
2023	550 (2.3)	545 - 554		
2019	533 (2.4)	528 - 537	-17 (3.3) ▼	
2015	524 (2.9)	518 - 529	-26 (3.7) ▼	
2011	516 (2.9)	510 - 521	-34 (3.7) ▼	
2007	527 (3.3)	521 - 534	-22 (4.0) ▼	
[†] 2003	521 (4.3)	512 - 529	-29 (4.8) ▼	
[≡] 1995	521 (3.7)	514 - 529	-28 (4.3) ▼	
Azerbaijan				
2023	422 (3.3)	415 - 428		
2019	427 (3.3)	420 - 433	5 (4.6)	
² 2011	438 (5.6)	427 - 449	16 (6.5) ▲	
Bahrain				
2023	475 (3.9)	467 - 483		
2019	493 (3.4)	486 - 499	18 (5.2) ▲	
² 2015	459 (2.6)	454 - 464	-16 (4.7) ▼	
2011	449 (3.5)	442 - 456	-26 (5.3) ▼	
Belgium (Flemish)				
² [†] 2023	488 (2.6)	483 - 493		
[†] 2019	501 (2.1)	497 - 505	13 (3.4) ▲	
[†] 2015	512 (2.3)	507 - 516	23 (3.5) ▲	
2011	509 (2.0)	505 - 513	20 (3.3) ▲	
² 2003	518 (1.9)	515 - 522	30 (3.2) ▲	
Bulgaria				
2023	530 (4.8)	520 - 539		
2019	521 (4.9)	512 - 531	-8 (6.9)	
2015	536 (5.9)	524 - 547	6 (7.6)	
Canada				
¹ ³ 2023	521 (2.0)	517 - 525		
¹ ² 2019	523 (1.9)	519 - 527	2 (2.8)	
¹ ² [†] 2015	525 (2.6)	520 - 530	4 (3.3)	
Chile				
² [†] 2023	479 (2.7)	474 - 484		
2019	469 (2.6)	464 - 474	-10 (3.7) ▼	
2015	478 (2.7)	472 - 483	-2 (3.8)	
2011	480 (2.5)	475 - 485	1 (3.6)	
Chinese Taipei				
2023	573 (1.7)	569 - 576		
2019	558 (1.8)	555 - 561	-15 (2.5) ▼	
2015	555 (1.8)	552 - 559	-17 (2.5) ▼	
2011	552 (2.2)	547 - 556	-21 (2.8) ▼	
2007	557 (2.0)	553 - 561	-16 (2.7) ▼	
2003	551 (1.8)	548 - 555	-21 (2.5) ▼	
Cyprus				
² 2023	487 (3.1)	481 - 493		
2019	511 (3.0)	505 - 517	24 (4.3) ▲	
2015	481 (2.6)	476 - 486	-6 (4.0)	
2003	480 (2.4)	476 - 485	-6 (3.9)	
1995	450 (3.4)	443 - 457	-37 (4.6) ▼	



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.2 for population coverage notes 1, 2, and 3. See Appendix B.5 for sampling guidelines and sampling participation notes †, ‡, and ≡.

Exhibit 2.1.10: 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
Czech Republic				
² 2023	526 (2.3)	521 - 530		
2019	534 (2.6)	529 - 539	8 (3.5) ▲	
2015	534 (2.4)	530 - 539	9 (3.3) ▲	
2011	536 (2.5)	531 - 541	11 (3.5) ▲	
2007	515 (3.0)	509 - 521	-11 (3.8) ▼	
1995	532 (3.1)	526 - 538	6 (3.9)	
Denmark				
[†] 2023	522 (2.6)	517 - 527		
[†] 2019	522 (2.4)	518 - 527	0 (3.5)	
^{2†} 2015	527 (2.1)	523 - 531	5 (3.3)	
² 2011	528 (2.8)	523 - 533	6 (3.8)	
[†] 2007	517 (2.9)	511 - 523	-5 (3.9)	
England				
² 2023	556 (2.6)	551 - 561		
² 2019	537 (2.7)	532 - 542	-19 (3.8) ▼	
2015	536 (2.4)	531 - 541	-20 (3.6) ▼	
2011	529 (3.0)	523 - 535	-28 (4.0) ▼	
2007	542 (2.8)	536 - 547	-15 (3.9) ▼	
[†] 2003	540 (3.5)	533 - 547	-16 (4.4) ▼	
^{3†} 1995	528 (3.2)	521 - 534	-29 (4.1) ▼	
Finland				
2023	542 (2.9)	536 - 548		
2019	555 (2.6)	550 - 560	13 (3.9) ▲	
2015	554 (2.3)	549 - 558	12 (3.7) ▲	
2011	570 (2.6)	565 - 575	28 (3.9) ▲	
France				
² 2023	488 (3.0)	482 - 494		
2019	488 (3.0)	482 - 494	0 (4.2)	
2015	487 (2.7)	482 - 493	-1 (4.1)	
Georgia				
¹ 2023	465 (3.4)	458 - 472		
¹ 2019	454 (3.9)	447 - 462	-11 (5.2) ▼	
¹ 2015	451 (3.7)	444 - 459	-14 (5.1) ▼	
¹ 2011	455 (3.9)	447 - 463	-10 (5.2)	
¹ 2007	418 (4.6)	409 - 427	-47 (5.7) ▼	
Germany				
2023	515 (2.8)	510 - 521		
2019	518 (2.2)	514 - 523	3 (3.6)	
2015	528 (2.4)	524 - 533	13 (3.7) ▲	
2011	528 (2.9)	522 - 534	12 (4.1) ▲	
2007	528 (2.4)	523 - 532	12 (3.7) ▲	
Hong Kong SAR				
[†] 2023	545 (3.8)	538 - 553		
[†] 2019	531 (3.3)	525 - 538	-14 (5.1) ▼	
[†] 2015	557 (2.9)	551 - 562	11 (4.8) ▲	
² 2011	535 (3.7)	528 - 542	-10 (5.3)	
2007	554 (3.5)	547 - 561	9 (5.2)	
[†] 2003	542 (3.0)	537 - 548	-3 (4.9)	
1995	508 (3.4)	501 - 514	-37 (5.1) ▼	
Hungary				
2023	524 (3.2)	518 - 531		
2019	529 (2.7)	524 - 535	5 (4.2)	
2015	542 (3.3)	535 - 549	18 (4.6) ▲	
2011	534 (3.7)	527 - 542	10 (4.9) ▲	
2007	536 (3.4)	530 - 543	12 (4.7) ▲	
² 2003	530 (2.8)	524 - 535	5 (4.3)	
1995	508 (3.4)	501 - 514	-16 (4.6) ▼	
Iran, Islamic Rep. of				
2023	432 (4.5)	423 - 441		
2019	441 (4.1)	433 - 449	9 (6.1)	
2015	421 (4.0)	413 - 429	-11 (6.0)	
2011	453 (3.8)	445 - 460	21 (5.9) ▲	
2007	436 (4.4)	427 - 444	4 (6.2)	
² 2003	414 (4.2)	406 - 422	-18 (6.1) ▼	
1995	380 (4.6)	371 - 389	-52 (6.4) ▼	
Ireland				
2023	532 (3.2)	526 - 538		
2019	528 (3.2)	522 - 534	-4 (4.5)	
2015	529 (2.4)	524 - 533	-3 (4.0)	
2011	516 (3.3)	510 - 523	-16 (4.6) ▼	
² 1995	515 (3.5)	508 - 521	-17 (4.7) ▼	

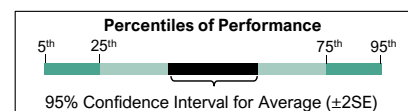


Exhibit 2.1.10: Trends in Average Science Achievement and Scale Score Distributions

(Continued)

Country	Average Scale Score	95% Confidence Interval for Average	Difference from TIMSS 2023	Science Achievement Distribution
Italy				
² 2023	511 (2.5)	506 - 515		
2019	510 (3.0)	504 - 516	-1 (3.9)	
² 2015	516 (2.6)	511 - 522	6 (3.6)	
2011	524 (2.7)	519 - 529	13 (3.6) ▲	
2007	535 (3.2)	529 - 542	25 (4.1) ▲	
2003	516 (3.8)	508 - 523	5 (4.5)	
Japan				
2023	555 (2.4)	550 - 560		
2019	562 (1.8)	558 - 565	7 (3.0) ▲	
2015	569 (1.8)	566 - 572	14 (3.0) ▲	
2011	559 (1.9)	555 - 562	4 (3.1)	
2007	548 (2.1)	544 - 552	-7 (3.2) ▼	
2003	543 (1.5)	540 - 546	-11 (2.9) ▼	
1995	553 (1.7)	550 - 557	-2 (3.0)	
Kazakhstan				
² 2023	467 (3.5)	460 - 473		
² 2019	494 (3.1)	488 - 500	28 (4.6) ▲	
² 2011	495 (5.1)	485 - 505	28 (6.2) ▲	
Korea, Rep. of				
2023	583 (2.5)	578 - 588		
2019	588 (2.1)	583 - 592	4 (3.3)	
2015	589 (2.0)	585 - 593	6 (3.2)	
2011	587 (2.1)	583 - 591	3 (3.3)	
² 1995	576 (2.1)	571 - 580	-8 (3.3) ▼	
Kosovo				
² 2023	403 (3.6)	396 - 410		
² 2019	413 (3.7)	406 - 420	10 (5.2)	
Kuwait				
^ψ 2023	373 (5.5)	363 - 384		
2019	392 (6.1)	380 - 404	19 (8.2) ▲	
^ψ 2015	337 (6.2)	325 - 349	-36 (8.3) ▼	
Latvia				
2023	526 (3.0)	520 - 531		
² 2019	542 (2.4)	537 - 547	16 (3.8) ▲	
2003	532 (2.5)	527 - 536	6 (3.9)	
Lithuania				
² 2023	537 (2.9)	531 - 543		
² 2019	538 (2.5)	533 - 543	1 (3.8)	
² 2015	528 (2.5)	523 - 533	-9 (3.8) ▼	
^{1 2} 2011	515 (2.4)	510 - 519	-22 (3.7) ▼	
¹ 2007	514 (2.4)	510 - 519	-23 (3.7) ▼	
¹ 2003	512 (2.6)	507 - 517	-25 (3.9) ▼	
Montenegro				
² 2023	461 (2.0)	457 - 465		
2019	453 (2.5)	448 - 458	-7 (3.2) ▼	
Morocco				
2023	390 (5.3)	380 - 401		
^ψ 2019	374 (5.8)	363 - 385	-16 (7.9) ▼	
^ψ 2015	352 (4.7)	343 - 361	-38 (7.1) ▼	
^κ 2011	264 (4.4)	255 - 272	-127 (6.9) ▼	
Netherlands				
[†] 2023	517 (2.9)	511 - 523		
[≡] 2019	518 (2.9)	513 - 524	2 (4.1)	
[†] 2015	517 (2.7)	512 - 522	0 (3.9)	
[†] 2011	531 (2.2)	527 - 536	14 (3.7) ▲	
[‡] 2007	523 (2.6)	518 - 528	6 (3.9)	
[†] 2003	525 (2.0)	521 - 529	8 (3.6) ▲	
[≡] 1995	530 (3.2)	524 - 537	13 (4.3) ▲	
New Zealand				
^{2 †} 2023	517 (2.8)	511 - 523		
² 2019	503 (2.3)	498 - 507	-15 (3.7) ▼	
2015	506 (2.7)	500 - 511	-12 (3.9) ▼	
2011	497 (2.4)	492 - 501	-20 (3.7) ▼	
2007	504 (2.7)	499 - 509	-13 (3.9) ▼	
2003	520 (2.4)	515 - 524	3 (3.7) ▲	
1995	505 (5.4)	494 - 516	-12 (6.1)	
North Macedonia				
2023	439 (3.9)	431 - 446		
2019	426 (6.2)	414 - 438	-13 (7.4)	

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

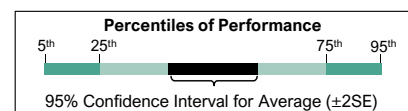


Exhibit 2.1.10: Trends in Average Science Achievement and Scale Score Distributions

(Continued)

Country	Average Scale Score	95% Confidence Interval for Average	Difference from TIMSS 2023	Science Achievement Distribution
Norway (5)				
² 2023	530 (2.6)	525 - 535		
[†] 2019	539 (2.2)	535 - 544	9 (3.4) ▲	
2015	538 (2.6)	532 - 543	7 (3.7)	
Oman				
2023	433 (4.2)	424 - 441		
2019	435 (4.1)	427 - 443	2 (5.9)	
2015	431 (3.1)	425 - 437	-2 (5.3)	
2011	377 (4.3)	369 - 385	-56 (6.0) ▼	
Poland				
² 2023	550 (2.2)	545 - 554		
2019	531 (2.6)	526 - 536	-19 (3.4) ▼	
2015	547 (2.4)	542 - 552	-3 (3.3)	
Portugal				
2023	511 (2.3)	506 - 515		
² 2019	504 (2.6)	499 - 509	-7 (3.4) ▼	
² 2015	508 (2.2)	504 - 512	-3 (3.2)	
2011	522 (3.8)	514 - 529	11 (4.4) ▲	
² 1995	452 (4.1)	444 - 460	-59 (4.7) ▼	
Qatar				
2023	472 (3.6)	465 - 479		
2019	449 (3.9)	442 - 457	-23 (5.3) ▼	
2015	436 (4.1)	428 - 444	-36 (5.4) ▼	
² 2011	394 (4.3)	386 - 403	-78 (5.6) ▼	
Romania				
² 2023	526 (4.8)	517 - 536		
2011	505 (5.9)	494 - 517	-21 (7.6) ▼	
Saudi Arabia				
³ 2023	428 (4.0)	420 - 435		
² 2019	402 (4.1)	394 - 410	-25 (5.7) ▼	
2015	390 (4.9)	381 - 400	-37 (6.4) ▼	
2011	429 (5.5)	419 - 440	2 (6.8)	
Serbia				
² 2023	510 (3.2)	504 - 516		
² 2019	517 (3.5)	510 - 524	7 (4.7)	
³ 2015	525 (3.7)	517 - 532	15 (4.9) ▲	
² 2011	516 (3.1)	509 - 522	6 (4.5)	
Singapore				
³ 2023	607 (2.8)	602 - 613		
³ 2019	595 (3.4)	588 - 601	-13 (4.4) ▼	
² 2015	590 (3.7)	583 - 598	-17 (4.6) ▼	
² 2011	583 (3.4)	577 - 590	-24 (4.4) ▼	
2007	587 (4.1)	579 - 595	-21 (5.0) ▼	
2003	565 (5.5)	554 - 576	-42 (6.2) ▼	
1995	523 (4.8)	514 - 533	-84 (5.5) ▼	
Slovak Republic				
2023	521 (3.3)	514 - 527		
² 2019	521 (3.7)	513 - 528	0 (5.0)	
2015	520 (2.6)	515 - 526	0 (4.2)	
2011	532 (3.7)	524 - 539	11 (5.0) ▲	
2007	526 (4.8)	516 - 535	5 (5.8)	
Slovenia				
2023	526 (2.3)	521 - 530		
2015	543 (2.4)	538 - 547	17 (3.4) ▲	
2011	520 (2.6)	515 - 525	-5 (3.5)	
2007	518 (1.9)	515 - 522	-7 (3.0) ▼	
2003	490 (2.6)	485 - 495	-35 (3.5) ▼	
1995	464 (3.1)	458 - 470	-62 (3.9) ▼	
South Africa (5)				
[✱] 2023	308 (4.7)	299 - 317		
[✱] 2019	324 (4.9)	315 - 334	16 (6.8) ▲	
Spain				
² 2023	504 (2.1)	500 - 508		
2019	511 (2.0)	507 - 515	7 (2.9) ▲	
² 2015	518 (2.6)	513 - 523	14 (3.3) ▲	
2011	505 (3.1)	499 - 511	1 (3.7)	
Sweden				
² 2023	533 (3.2)	526 - 539		
2019	537 (3.3)	531 - 544	5 (4.6)	
² 2015	540 (3.6)	533 - 547	8 (4.8)	
2011	533 (2.8)	528 - 539	1 (4.2)	
2007	525 (2.9)	519 - 530	-8 (4.3)	

✱ Average achievement not reliably measured because the percentage of students with achievement too low for estimation exceeds 25%.

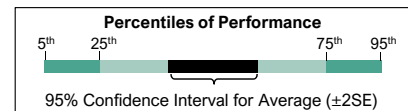
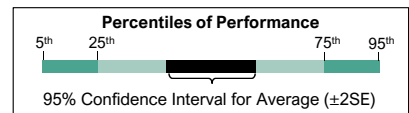


Exhibit 2.1.10: Trends in Average Science Achievement and Scale Score Distributions

(Continued)

Country	Average Scale Score	95% Confidence Interval for Average	Difference from TIMSS 2023	Science Achievement Distribution
United Arab Emirates				
2023	495 (1.8)	491 - 499		
2019	473 (2.1)	469 - 477	-22 (2.7) ▼	
2015	451 (2.8)	446 - 457	-44 (3.3) ▼	
2011	428 (2.5)	423 - 433	-67 (3.1) ▼	
United States				
² † 2023	532 (2.8)	527 - 538		
² † 2019	539 (2.7)	533 - 544	6 (3.9)	
² † 2015	546 (2.2)	542 - 550	13 (3.6) ▲	
² 2011	544 (2.1)	540 - 548	11 (3.5) ▲	
² † 2007	539 (2.7)	533 - 544	6 (3.9)	
† 2003	536 (2.5)	531 - 541	3 (3.8)	
1995	542 (3.4)	535 - 548	9 (4.4) ▲	
Benchmarking Participants				
Ontario, Canada				
³ 2023	525 (3.2)	519 - 532		
² 2019	524 (3.2)	518 - 530	-1 (4.5)	
2015	530 (2.5)	525 - 535	5 (4.1)	
2011	528 (3.1)	522 - 534	2 (4.5)	
² 2007	536 (3.8)	528 - 543	11 (5.0) ▲	
2003	540 (3.8)	533 - 548	15 (5.0) ▲	
² 1995	516 (3.7)	509 - 523	-9 (4.9)	
Quebec, Canada				
² 2023	508 (2.7)	502 - 513		
2019	522 (2.5)	517 - 527	14 (3.7) ▲	
≡ 2015	525 (4.1)	516 - 533	17 (4.9) ▲	
2011	516 (2.7)	511 - 522	9 (3.8) ▲	
² 2007	517 (2.8)	512 - 523	10 (3.9) ▲	
2003	500 (2.4)	496 - 505	-7 (3.7)	
1995	529 (4.2)	520 - 537	21 (5.0) ▲	
Abu Dhabi, UAE				
2023	446 (2.6)	441 - 451		
2019	418 (2.8)	412 - 423	-28 (3.8) ▼	
² 2015	415 (5.6)	404 - 426	-31 (6.2) ▼	
2011	411 (5.0)	402 - 421	-35 (5.7) ▼	
Dubai, UAE				
2023	562 (1.8)	559 - 566		
² 2019	545 (1.7)	541 - 548	-18 (2.5) ▼	
2015	518 (1.8)	514 - 521	-44 (2.5) ▼	
2011	461 (2.5)	456 - 466	-101 (3.0) ▼	
‡ 2007	460 (2.6)	455 - 465	-103 (3.2) ▼	



SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2023
Downloaded from <https://timss2023.org/results>