

Exhibit 4.4: Students Speak the Language of the Test at Home

Reported by Students

Country	Always		Almost Always		Sometimes		Never	
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement
Australia	82 (1.3)	514 (2.5)	11 (0.8)	512 (4.6)	6 (0.7)	495 (9.0)	1 (0.1)	~ ~
Bahrain	55 (0.7)	456 (2.9)	19 (0.7)	506 (5.1)	21 (0.7)	465 (5.2)	5 (0.4)	434 (10.2)
Botswana (9)	5 (0.3)	386 (10.5)	8 (0.5)	433 (8.9)	79 (0.8)	395 (2.5)	9 (0.5)	338 (7.7)
Canada	66 (1.4)	529 (2.3)	21 (0.8)	529 (3.2)	10 (0.6)	516 (4.2)	3 (0.4)	522 (7.5)
Chile	87 (0.7)	457 (3.2)	8 (0.4)	467 (5.3)	3 (0.4)	391 (12.1)	1 (0.3)	~ ~
Chinese Taipei	57 (1.1)	572 (2.4)	34 (0.8)	581 (3.0)	9 (0.6)	511 (5.1)	0 (0.1)	~ ~
Egypt	64 (1.6)	368 (5.2)	13 (0.8)	388 (5.8)	19 (1.0)	375 (4.3)	4 (0.5)	348 (10.6)
England	85 (1.2)	537 (3.8)	9 (0.8)	547 (6.6)	4 (0.5)	521 (8.4)	1 (0.1)	~ ~
Georgia	84 (1.3)	444 (3.1)	11 (0.7)	468 (7.1)	5 (0.8)	395 (9.5)	1 (0.2)	~ ~
Hong Kong SAR	75 (1.7)	543 (3.5)	9 (0.5)	549 (6.3)	13 (1.4)	563 (6.3)	3 (0.4)	542 (15.3)
Hungary	87 (0.7)	526 (3.5)	11 (0.6)	545 (5.6)	1 (0.2)	~ ~	0 (0.1)	~ ~
Iran, Islamic Rep. of	51 (1.8)	467 (4.9)	16 (0.9)	486 (6.2)	20 (1.2)	429 (4.1)	13 (1.0)	421 (7.5)
Ireland	82 (0.8)	532 (3.0)	7 (0.5)	533 (4.4)	7 (0.5)	511 (7.2)	4 (0.3)	514 (9.6)
Israel	78 (1.0)	507 (3.9)	15 (0.6)	520 (6.2)	6 (0.6)	494 (10.6)	1 (0.2)	~ ~
Italy	71 (1.4)	511 (2.6)	18 (0.9)	488 (3.5)	9 (0.8)	446 (6.4)	2 (0.3)	~ ~
Japan	96 (0.3)	572 (1.8)	3 (0.3)	555 (7.2)	1 (0.1)	~ ~	0 (0.1)	~ ~
Jordan	77 (1.3)	424 (3.5)	11 (0.6)	460 (6.0)	8 (0.7)	420 (6.4)	4 (0.6)	410 (17.7)
Kazakhstan	80 (1.1)	530 (4.3)	13 (0.7)	549 (6.4)	6 (0.6)	525 (14.6)	0 (0.1)	~ ~
Korea, Rep. of	89 (0.5)	555 (2.3)	11 (0.5)	563 (4.3)	0 (0.1)	~ ~	0 (0.0)	~ ~
Kuwait	10 (1.0)	381 (11.0)	10 (0.7)	439 (14.0)	47 (1.5)	419 (6.1)	33 (1.3)	399 (5.9)
Lebanon	10 (0.8)	393 (9.1)	17 (0.7)	422 (6.6)	59 (1.2)	400 (6.3)	14 (0.9)	369 (8.9)
Lithuania	79 (0.9)	519 (3.2)	18 (0.7)	523 (4.1)	3 (0.3)	487 (9.2)	0 (0.1)	~ ~
Malaysia	34 (1.5)	510 (4.3)	22 (0.8)	482 (4.2)	38 (1.4)	443 (5.3)	6 (0.7)	385 (10.6)
Malta	10 (0.5)	521 (6.3)	15 (0.6)	512 (3.8)	55 (0.8)	477 (2.3)	20 (0.5)	454 (4.1)
Morocco	25 (1.1)	377 (3.2)	14 (0.6)	395 (3.7)	46 (1.1)	402 (3.1)	15 (0.9)	394 (3.3)
New Zealand	79 (1.4)	517 (2.7)	14 (0.9)	507 (5.8)	6 (0.6)	480 (10.6)	1 (0.1)	~ ~
Norway (9)	81 (1.2)	516 (2.5)	12 (0.7)	492 (5.6)	5 (0.6)	457 (6.7)	1 (0.2)	~ ~
Oman	49 (1.4)	458 (3.2)	18 (0.7)	461 (4.4)	27 (0.9)	451 (4.1)	7 (0.4)	439 (5.7)
Qatar	50 (0.7)	434 (3.7)	19 (0.8)	495 (4.4)	26 (0.6)	476 (4.9)	4 (0.3)	446 (9.4)
Russian Federation	83 (1.6)	546 (3.8)	12 (0.6)	549 (6.8)	5 (1.3)	509 (24.1)	1 (0.1)	~ ~
Saudi Arabia	64 (1.7)	392 (5.0)	10 (0.6)	426 (7.8)	17 (1.2)	403 (7.8)	10 (1.0)	389 (11.4)
Singapore	33 (0.7)	611 (3.0)	32 (0.7)	610 (3.3)	31 (0.6)	573 (4.3)	4 (0.2)	558 (8.6)
Slovenia	70 (1.3)	561 (2.5)	21 (1.0)	544 (3.8)	7 (0.6)	491 (6.3)	3 (0.4)	504 (11.1)
South Africa (9)	16 (1.2)	417 (8.5)	14 (0.8)	421 (8.2)	63 (1.5)	335 (4.9)	6 (0.4)	295 (6.9)
Sweden	75 (1.5)	534 (3.3)	16 (1.0)	510 (5.8)	7 (0.7)	445 (9.9)	1 (0.2)	~ ~
Thailand	64 (1.9)	465 (4.7)	15 (0.8)	462 (5.4)	19 (1.7)	423 (4.9)	2 (0.2)	~ ~
Turkey	82 (1.6)	504 (3.9)	9 (0.5)	503 (7.2)	8 (1.0)	407 (8.8)	2 (0.5)	~ ~
United Arab Emirates	43 (0.9)	454 (2.9)	21 (0.6)	524 (2.7)	31 (0.8)	483 (3.7)	5 (0.3)	453 (7.0)
United States	74 (1.1)	535 (2.8)	17 (0.6)	524 (4.2)	8 (0.5)	503 (5.2)	1 (0.1)	~ ~
International Avg.	62 (0.2)	489 (0.7)	15 (0.1)	499 (1.0)	19 (0.1)	459 (1.3)	5 (0.1)	431 (2.1)

Benchmarking Participants

Buenos Aires, Argentina	86 (0.8)	385 (4.5)	10 (0.6)	401 (7.8)	3 (0.4)	382 (15.0)	1 (0.2)	~ ~
Ontario, Canada	67 (1.6)	525 (2.8)	20 (1.1)	530 (3.7)	11 (0.7)	518 (4.9)	2 (0.4)	~ ~
Quebec, Canada	62 (2.6)	537 (3.6)	24 (1.5)	525 (6.9)	10 (1.5)	517 (7.3)	4 (0.9)	523 (13.7)
Norway (8)	80 (1.1)	495 (2.3)	14 (0.8)	482 (5.1)	5 (0.4)	444 (6.1)	1 (0.2)	~ ~
Abu Dhabi, UAE	50 (2.0)	436 (5.8)	17 (1.4)	505 (8.7)	28 (1.5)	465 (8.1)	5 (0.6)	418 (12.2)
Dubai, UAE	33 (0.9)	515 (2.5)	31 (0.8)	552 (3.5)	32 (0.9)	511 (3.4)	4 (0.4)	513 (8.3)
Florida, US	62 (3.6)	513 (6.2)	22 (1.8)	513 (8.2)	14 (1.9)	494 (12.1)	2 (0.5)	~ ~

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent. A tilde (~) indicates insufficient data to report achievement.

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015