

Exhibit 3.3.1: Students Speak the Language of the Test at Home

About the Item	
How often do you speak <language of test> at home?	
Always ----	<input type="radio"/>
Almost always ----	<input type="radio"/>
Sometimes ----	<input type="radio"/>
Never ----	<input type="radio"/>

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2023
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Exhibit 3.3.2: Students Speak the Language of the Test at Home

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
Albania	81 (1.0)	511 (5.4)	9 (0.8)	536 (8.3)	9 (0.8)	516 (8.9)	1 ~	~ ~
Armenia	74 (1.2)	510 (2.8)	14 (0.8)	525 (4.3)	11 (0.8)	520 (5.7)	1 ~	~ ~
Australia	64 (1.4)	519 (3.1)	15 (0.7)	545 (3.9)	20 (1.2)	538 (5.6)	1 ~	~ ~
Azerbaijan	67 (0.9)	495 (3.7)	15 (0.5)	492 (4.9)	16 (0.7)	504 (5.3)	2 ~	~ ~
Bahrain	48 (1.0)	454 (4.7)	14 (0.5)	472 (7.2)	31 (0.8)	475 (4.3)	6 (0.4)	438 (8.7)
Belgium (Flemish)	56 (1.3)	534 (2.2)	15 (0.6)	524 (3.5)	25 (1.1)	497 (4.3)	4 (0.4)	508 (9.5)
Belgium (French)	55 (1.2)	497 (2.5)	19 (0.7)	495 (3.8)	23 (1.0)	470 (3.7)	3 (0.3)	467 (7.6)
Bosnia & Herzegovina	77 (1.0)	442 (3.6)	14 (0.8)	474 (4.1)	8 (0.7)	457 (6.6)	1 ~	~ ~
Brazil	80 (0.7)	407 (3.2)	9 (0.4)	387 (9.5)	8 (0.4)	374 (5.4)	2 ~	~ ~
Bulgaria	68 (2.0)	543 (3.8)	13 (0.7)	549 (5.5)	14 (1.2)	496 (8.4)	6 (1.1)	433 (17.1)
Canada	53 (1.1)	497 (2.6)	18 (0.6)	524 (3.5)	25 (0.9)	507 (3.1)	4 (0.4)	513 (9.1)
Chile	82 (0.8)	446 (2.6)	11 (0.6)	452 (4.9)	7 (0.4)	422 (6.4)	1 ~	~ ~
Chinese Taipei	52 (0.9)	605 (2.1)	16 (0.6)	621 (3.4)	32 (0.7)	606 (2.3)	1 ~	~ ~
Cyprus	56 (1.1)	518 (2.7)	15 (0.7)	532 (3.2)	22 (0.9)	510 (4.3)	6 (0.5)	500 (6.3)
Czech Republic	65 (0.7)	530 (2.0)	21 (0.6)	540 (3.3)	13 (0.5)	520 (4.2)	2 ~	~ ~
Denmark	57 (1.0)	529 (2.5)	24 (0.7)	526 (2.9)	17 (0.8)	507 (3.6)	2 ~	~ ~
England	64 (1.8)	549 (2.8)	15 (0.8)	574 (6.0)	19 (1.3)	551 (6.3)	2 ~	~ ~
Finland	68 (1.0)	536 (2.1)	17 (0.7)	532 (3.8)	13 (0.8)	505 (5.3)	3 (0.3)	482 (11.8)
France	64 (1.3)	488 (3.2)	15 (0.7)	498 (3.6)	19 (0.9)	464 (4.7)	2 ~	~ ~
Georgia	73 (1.2)	495 (3.3)	12 (0.7)	515 (5.5)	14 (0.9)	503 (6.6)	1 ~	~ ~
Germany	56 (1.0)	535 (2.3)	19 (0.6)	529 (4.5)	22 (0.8)	505 (3.8)	4 (0.3)	492 (7.7)
Hong Kong SAR	46 (1.3)	596 (3.7)	12 (0.6)	597 (5.7)	40 (1.0)	595 (5.7)	2 ~	~ ~
Hungary	64 (1.1)	517 (4.0)	24 (0.9)	542 (4.3)	12 (0.6)	504 (6.9)	0 ~	~ ~
Iran, Islamic Rep. of	57 (1.7)	426 (4.2)	13 (0.6)	432 (7.1)	17 (0.9)	428 (5.9)	13 (1.2)	391 (8.6)
Ireland	65 (1.4)	553 (3.2)	12 (0.7)	531 (5.2)	18 (0.9)	543 (3.4)	5 (0.6)	501 (9.8)
Italy	68 (1.0)	518 (2.8)	14 (0.7)	516 (5.2)	15 (0.6)	497 (5.1)	3 (0.3)	476 (7.9)
Japan	92 (0.5)	594 (2.4)	6 (0.4)	570 (5.5)	2 ~	~ ~	0 ~	~ ~
Jordan	81 (1.1)	431 (5.6)	9 (0.6)	423 (8.6)	9 (0.7)	416 (8.3)	2 ~	~ ~
Kazakhstan	57 (1.1)	486 (3.7)	23 (0.7)	488 (4.4)	19 (0.8)	495 (5.1)	1 ~	~ ~
Korea, Rep. of	56 (1.1)	590 (2.7)	27 (1.0)	608 (3.2)	17 (0.7)	588 (4.6)	0 ~	~ ~
Kosovo	79 (1.3)	448 (3.3)	9 (0.6)	467 (8.1)	11 (0.9)	466 (6.7)	1 ~	~ ~
Kuwait	51 (1.4)	372 (5.5)	12 (0.8)	375 (7.5)	29 (1.2)	423 (6.3)	8 (0.9)	375 (9.0)
Latvia	53 (1.2)	531 (2.8)	29 (0.9)	547 (3.3)	15 (0.8)	529 (5.2)	3 (0.5)	512 (12.2)
Lithuania	56 (1.0)	560 (3.4)	28 (0.9)	573 (3.7)	14 (0.7)	543 (3.8)	1 ~	~ ~
Macao SAR	54 (0.6)	586 (1.5)	15 (0.5)	596 (2.9)	28 (0.6)	571 (1.9)	2 ~	~ ~
Montenegro	70 (0.8)	475 (2.0)	15 (0.6)	487 (3.6)	9 (0.5)	477 (5.1)	5 (0.4)	486 (5.3)
Morocco	38 (2.1)	389 (6.5)	18 (0.9)	398 (6.1)	17 (1.1)	411 (7.0)	28 (2.0)	393 (9.8)
Netherlands	63 (1.4)	541 (2.0)	16 (0.7)	544 (3.5)	18 (0.8)	522 (3.4)	3 (0.5)	527 (10.4)
New Zealand	61 (1.2)	488 (2.8)	15 (0.7)	508 (4.9)	21 (1.0)	489 (4.2)	3 (0.3)	480 (11.3)
North Macedonia	72 (1.0)	477 (3.7)	11 (0.7)	481 (6.2)	13 (0.6)	463 (5.2)	4 (0.5)	448 (11.6)
Norway (5)	61 (1.1)	536 (2.3)	26 (0.7)	533 (3.5)	11 (0.6)	505 (4.8)	3 (0.3)	509 (7.2)
Oman	55 (1.0)	425 (4.8)	18 (0.7)	408 (4.9)	21 (0.6)	430 (5.3)	7 (0.4)	413 (8.0)
Poland	76 (0.8)	543 (2.2)	18 (0.8)	565 (3.4)	5 (0.4)	531 (7.5)	1 ~	~ ~
Portugal	73 (0.7)	520 (2.9)	13 (0.5)	523 (4.3)	13 (0.6)	497 (4.7)	2 ~	~ ~
Qatar	38 (1.1)	445 (4.7)	13 (0.5)	470 (6.0)	41 (1.1)	484 (3.9)	8 (0.5)	452 (5.3)
Romania	77 (1.6)	542 (5.0)	15 (0.9)	559 (6.7)	7 (0.9)	535 (13.2)	1 ~	~ ~
Saudi Arabia	66 (0.8)	425 (4.1)	12 (0.6)	406 (7.7)	17 (0.6)	423 (6.7)	4 (0.3)	386 (9.1)
Serbia	77 (0.9)	521 (3.3)	15 (0.7)	543 (4.9)	7 (0.5)	508 (8.6)	1 ~	~ ~
Singapore	34 (0.6)	607 (3.1)	23 (0.6)	634 (3.8)	41 (0.6)	612 (3.5)	3 (0.2)	588 (9.0)
Slovak Republic	60 (1.5)	523 (3.2)	21 (0.8)	538 (3.7)	14 (1.1)	489 (6.5)	5 (1.2)	415 (15.4)
Slovenia	66 (0.9)	517 (2.1)	17 (0.6)	521 (3.2)	12 (0.5)	500 (3.7)	5 (0.4)	490 (6.3)
South Africa (5)	20 (1.3)	405 (9.0)	15 (0.7)	357 (6.1)	51 (1.4)	363 (3.9)	13 (0.8)	294 (4.8)
Spain	54 (1.0)	506 (2.4)	14 (0.6)	509 (4.0)	19 (0.6)	487 (3.0)	13 (0.7)	474 (3.0)
Sweden	56 (1.7)	542 (2.4)	21 (1.0)	530 (3.6)	20 (1.6)	500 (6.2)	2 ~	~ ~
Türkiye (5)	73 (1.0)	555 (4.5)	13 (0.6)	571 (5.5)	12 (0.7)	538 (6.8)	2 ~	~ ~
United Arab Emirates	27 (0.4)	501 (1.9)	18 (0.3)	507 (2.3)	45 (0.4)	504 (1.5)	10 (0.2)	458 (3.4)
United States	65 (1.1)	521 (3.4)	11 (0.4)	535 (4.7)	21 (0.9)	503 (4.2)	2 ~	~ ~
Uzbekistan	77 (2.0)	444 (3.3)	12 (0.8)	445 (4.7)	8 (1.1)	451 (8.0)	2 ~	~ ~
International Average	62 (0.2)	505 (0.5)	16 (0.1)	512 (0.7)	18 (0.1)	496 (0.8)	4 (0.1)	461 (1.8)
Benchmarking Participants								
Ontario, Canada	52 (1.5)	496 (3.8)	17 (1.0)	524 (5.4)	27 (1.2)	504 (5.2)	4 (0.7)	511 (21.2)
Quebec, Canada	49 (1.9)	507 (3.4)	20 (0.9)	528 (3.7)	25 (1.6)	517 (4.0)	6 (0.6)	530 (6.4)
Abu Dhabi, UAE	17 (0.4)	473 (3.8)	18 (0.7)	463 (3.9)	49 (0.7)	466 (2.2)	15 (0.4)	424 (4.0)
Dubai, UAE	26 (0.7)	551 (2.6)	20 (0.5)	572 (2.9)	48 (0.7)	557 (2.0)	6 (0.2)	538 (5.1)
Sharjah, UAE	30 (0.7)	496 (5.4)	16 (0.6)	509 (5.3)	46 (1.0)	512 (3.6)	8 (0.4)	487 (8.6)

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

Exhibit 3.3.3: Students Speak the Language of the Test at Home

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
Albania	81 (1.0)	492 (4.7)	9 (0.8)	510 (9.1)	9 (0.8)	501 (8.0)	1 ~	~ ~
Armenia	74 (1.2)	457 (2.8)	14 (0.8)	462 (4.3)	11 (0.8)	456 (5.3)	1 ~	~ ~
Australia	64 (1.4)	550 (3.0)	15 (0.7)	565 (3.6)	20 (1.2)	547 (4.3)	1 ~	~ ~
Azerbaijan	67 (0.9)	423 (3.4)	15 (0.5)	421 (5.2)	16 (0.7)	429 (4.6)	2 ~	~ ~
Bahrain	48 (1.0)	471 (4.6)	14 (0.5)	480 (6.5)	31 (0.8)	487 (4.7)	6 (0.4)	449 (10.1)
Belgium (Flemish)	56 (1.3)	509 (2.6)	15 (0.6)	487 (3.6)	25 (1.1)	454 (4.3)	4 (0.4)	459 (7.4)
Belgium (French)	55 (1.2)	492 (2.6)	19 (0.7)	487 (3.6)	23 (1.0)	455 (4.8)	3 (0.3)	442 (8.2)
Bosnia & Herzegovina	77 (1.0)	443 (4.0)	14 (0.8)	475 (4.5)	8 (0.7)	463 (7.1)	1 ~	~ ~
Brazil	80 (0.7)	437 (3.3)	9 (0.4)	399 (9.7)	8 (0.4)	394 (6.7)	2 ~	~ ~
Bulgaria	68 (2.0)	548 (4.6)	13 (0.7)	552 (5.7)	14 (1.2)	479 (10.9)	6 (1.1)	399 (20.4)
Canada	53 (1.1)	523 (2.6)	18 (0.6)	534 (3.3)	25 (0.9)	514 (3.1)	4 (0.4)	502 (8.7)
Chile	82 (0.8)	482 (2.4)	11 (0.6)	490 (6.4)	7 (0.4)	462 (7.1)	1 ~	~ ~
Chinese Taipei	52 (0.9)	568 (2.0)	16 (0.6)	589 (3.5)	32 (0.7)	575 (2.8)	1 ~	~ ~
Cyprus	56 (1.1)	496 (3.2)	15 (0.7)	501 (4.0)	22 (0.9)	472 (5.4)	6 (0.5)	452 (8.1)
Czech Republic	65 (0.7)	526 (2.2)	21 (0.6)	538 (3.3)	13 (0.5)	512 (3.9)	2 ~	~ ~
Denmark	57 (1.0)	533 (2.8)	24 (0.7)	524 (3.8)	17 (0.8)	492 (4.3)	2 ~	~ ~
England	64 (1.8)	558 (2.8)	15 (0.8)	571 (5.0)	19 (1.3)	545 (5.3)	2 ~	~ ~
Finland	68 (1.0)	554 (2.3)	17 (0.7)	550 (3.8)	13 (0.8)	493 (6.0)	3 (0.3)	447 (11.3)
France	64 (1.3)	495 (2.8)	15 (0.7)	495 (4.9)	19 (0.9)	466 (5.0)	2 ~	~ ~
Georgia	73 (1.2)	464 (3.5)	12 (0.7)	475 (5.2)	14 (0.9)	468 (7.5)	1 ~	~ ~
Germany	56 (1.0)	535 (2.9)	19 (0.6)	523 (5.2)	22 (0.8)	480 (4.6)	4 (0.3)	450 (9.0)
Hong Kong SAR	46 (1.3)	546 (4.0)	12 (0.6)	548 (5.7)	40 (1.0)	547 (5.4)	2 ~	~ ~
Hungary	64 (1.1)	521 (3.7)	24 (0.9)	545 (3.9)	12 (0.6)	509 (5.7)	0 ~	~ ~
Iran, Islamic Rep. of	57 (1.7)	443 (4.5)	13 (0.6)	447 (7.7)	17 (0.9)	440 (6.6)	13 (1.2)	392 (8.6)
Ireland	65 (1.4)	540 (3.3)	12 (0.7)	524 (5.3)	18 (0.9)	525 (4.1)	5 (0.6)	480 (10.3)
Italy	68 (1.0)	516 (2.5)	14 (0.7)	518 (4.6)	15 (0.6)	491 (3.6)	3 (0.3)	461 (7.8)
Japan	92 (0.5)	558 (2.5)	6 (0.4)	537 (5.1)	2 ~	~ ~	0 ~	~ ~
Jordan	81 (1.1)	423 (5.1)	9 (0.6)	399 (9.8)	9 (0.7)	410 (8.1)	2 ~	~ ~
Kazakhstan	57 (1.1)	473 (3.6)	23 (0.7)	460 (4.3)	19 (0.8)	460 (4.9)	1 ~	~ ~
Korea, Rep. of	56 (1.1)	579 (2.5)	27 (1.0)	596 (3.3)	17 (0.7)	577 (4.8)	0 ~	~ ~
Kosovo	79 (1.3)	399 (3.5)	9 (0.6)	420 (8.1)	11 (0.9)	423 (7.6)	1 ~	~ ~
Kuwait	51 (1.4)	361 (6.1)	12 (0.8)	369 (8.3)	29 (1.2)	417 (8.5)	8 (0.9)	385 (10.0)
Latvia	53 (1.2)	527 (2.7)	29 (0.9)	540 (3.2)	15 (0.8)	508 (6.1)	3 (0.5)	472 (14.1)
Lithuania	56 (1.0)	539 (3.2)	28 (0.9)	546 (3.7)	14 (0.7)	518 (3.9)	1 ~	~ ~
Macao SAR	54 (0.6)	541 (1.7)	15 (0.5)	552 (2.9)	28 (0.6)	524 (2.7)	2 ~	~ ~
Montenegro	70 (0.8)	459 (2.1)	15 (0.6)	473 (4.1)	9 (0.5)	457 (5.2)	5 (0.4)	467 (5.5)
Morocco	38 (2.1)	387 (7.5)	18 (0.9)	401 (6.6)	17 (1.1)	409 (7.5)	28 (2.0)	387 (10.4)
Netherlands	63 (1.4)	525 (2.9)	16 (0.7)	521 (4.8)	18 (0.8)	493 (4.7)	3 (0.5)	487 (11.1)
New Zealand	61 (1.2)	518 (2.9)	15 (0.7)	531 (5.5)	21 (1.0)	511 (4.3)	3 (0.3)	489 (12.0)
North Macedonia	72 (1.0)	442 (3.8)	11 (0.7)	451 (7.1)	13 (0.6)	428 (5.3)	4 (0.5)	414 (13.4)
Norway (5)	61 (1.1)	540 (2.6)	26 (0.7)	533 (4.6)	11 (0.6)	489 (5.6)	3 (0.3)	505 (7.7)
Oman	55 (1.0)	438 (4.8)	18 (0.7)	422 (5.1)	21 (0.6)	441 (5.6)	7 (0.4)	417 (7.7)
Poland	76 (0.8)	549 (2.5)	18 (0.8)	563 (3.3)	5 (0.4)	529 (7.7)	1 ~	~ ~
Portugal	73 (0.7)	513 (2.5)	13 (0.5)	518 (3.5)	13 (0.6)	495 (4.6)	2 ~	~ ~
Qatar	38 (1.1)	458 (4.9)	13 (0.5)	476 (6.8)	41 (1.1)	491 (4.2)	8 (0.5)	448 (5.9)
Romania	77 (1.6)	529 (4.5)	15 (0.9)	536 (8.2)	7 (0.9)	515 (15.4)	1 ~	~ ~
Saudi Arabia	66 (0.8)	437 (3.9)	12 (0.6)	402 (8.4)	17 (0.6)	430 (6.7)	4 (0.3)	383 (10.2)
Serbia	77 (0.9)	509 (3.1)	15 (0.7)	526 (5.4)	7 (0.5)	499 (8.7)	1 ~	~ ~
Singapore	34 (0.6)	602 (3.4)	23 (0.6)	626 (3.0)	41 (0.6)	604 (3.6)	3 (0.2)	575 (9.1)
Slovak Republic	60 (1.5)	530 (3.2)	21 (0.8)	551 (3.7)	14 (1.1)	486 (8.7)	5 (1.2)	398 (17.0)
Slovenia	66 (0.9)	533 (2.4)	17 (0.6)	533 (3.6)	12 (0.5)	499 (4.7)	5 (0.4)	472 (5.7)
South Africa (5)	20 (1.3)	376 (11.8)	15 (0.7)	302 (9.0)	51 (1.4)	304 (5.4)	13 (0.8)	214 (6.8)
Spain	54 (1.0)	512 (2.1)	14 (0.6)	513 (4.1)	19 (0.6)	495 (3.0)	13 (0.7)	479 (3.2)
Sweden	56 (1.7)	549 (2.5)	21 (1.0)	534 (4.1)	20 (1.6)	492 (6.8)	2 ~	~ ~
Türkiye (5)	73 (1.0)	572 (3.6)	13 (0.6)	584 (4.9)	12 (0.7)	557 (6.3)	2 ~	~ ~
United Arab Emirates	27 (0.4)	502 (2.6)	18 (0.3)	507 (2.9)	45 (0.4)	502 (2.0)	10 (0.2)	436 (3.5)
United States	65 (1.1)	539 (3.0)	11 (0.4)	547 (5.2)	21 (0.9)	513 (3.9)	2 ~	~ ~
Uzbekistan	77 (2.0)	416 (3.6)	12 (0.8)	409 (5.8)	8 (1.1)	404 (9.3)	2 ~	~ ~
International Average	62 (0.2)	499 (0.5)	16 (0.1)	502 (0.7)	18 (0.1)	483 (0.8)	4 (0.1)	441 (1.9)
Benchmarking Participants								
Ontario, Canada	52 (1.5)	527 (3.7)	17 (1.0)	540 (5.1)	27 (1.2)	519 (5.0)	4 (0.7)	513 (18.8)
Quebec, Canada	49 (1.9)	509 (3.4)	20 (0.9)	518 (3.6)	25 (1.6)	500 (4.1)	6 (0.6)	500 (7.4)
Abu Dhabi, UAE	17 (0.4)	469 (4.5)	18 (0.7)	453 (5.0)	49 (0.7)	456 (2.8)	15 (0.4)	393 (4.4)
Dubai, UAE	26 (0.7)	559 (3.1)	20 (0.5)	582 (3.1)	48 (0.7)	563 (2.2)	6 (0.2)	530 (5.8)
Sharjah, UAE	30 (0.7)	495 (6.5)	16 (0.6)	513 (6.2)	46 (1.0)	512 (3.8)	8 (0.4)	473 (7.6)

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

Exhibit 3.3.4: Students Speak the Language of the Test at Home

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	72 (1.4)	507 (3.5)	18 (0.9)	516 (5.4)	9 (0.7)	525 (10.0)	2 ~	~ ~
Austria	65 (1.1)	524 (2.3)	17 (0.7)	503 (3.5)	14 (0.7)	480 (5.0)	4 (0.5)	480 (10.9)
Azerbaijan	74 (1.2)	478 (4.0)	16 (0.6)	494 (5.2)	8 (0.8)	465 (8.5)	2 ~	~ ~
Bahrain	56 (0.9)	413 (3.1)	19 (0.6)	449 (4.5)	20 (0.6)	454 (4.3)	4 (0.4)	416 (9.6)
Brazil	88 (0.5)	382 (2.7)	7 (0.4)	383 (6.3)	4 (0.2)	314 (4.8)	1 ~	~ ~
Chile	88 (0.6)	417 (3.1)	10 (0.5)	434 (6.1)	1 ~	~ ~	1 ~	~ ~
Chinese Taipei	71 (0.8)	606 (3.4)	24 (0.7)	605 (3.9)	4 (0.3)	550 (7.7)	1 ~	~ ~
Cote d'Ivoire	50 (1.6)	273 (7.3)	21 (0.7)	266 (5.6)	27 (1.4)	246 (2.7)	2 ~	~ ~
Cyprus	59 (0.9)	489 (2.3)	17 (0.7)	496 (4.6)	16 (0.7)	513 (7.1)	8 (0.4)	500 (8.7)
Czech Republic	72 (0.7)	519 (2.3)	22 (0.6)	520 (3.1)	4 (0.3)	494 (6.8)	2 ~	~ ~
England	71 (2.0)	526 (4.8)	16 (1.1)	528 (7.4)	11 (1.0)	521 (8.7)	2 ~	~ ~
Finland	82 (0.9)	508 (2.6)	11 (0.5)	503 (4.7)	5 (0.5)	467 (9.4)	2 ~	~ ~
France	70 (1.4)	487 (3.5)	20 (1.0)	473 (3.6)	8 (0.7)	433 (5.6)	1 ~	~ ~
Georgia	81 (1.2)	467 (3.2)	13 (0.7)	475 (5.2)	5 (0.8)	452 (15.1)	1 ~	~ ~
Hong Kong SAR	48 (2.2)	568 (6.1)	14 (0.7)	592 (9.1)	32 (1.6)	580 (5.9)	7 (0.7)	589 (9.3)
Hungary	81 (0.8)	505 (3.8)	16 (0.7)	517 (5.0)	2 ~	~ ~	1 ~	~ ~
Iran, Islamic Rep. of	51 (1.8)	434 (3.8)	20 (0.9)	445 (4.6)	18 (1.4)	395 (5.3)	11 (0.9)	387 (8.5)
Ireland	78 (1.2)	524 (2.5)	9 (0.6)	518 (6.0)	8 (0.6)	523 (7.8)	5 (0.3)	513 (7.2)
Israel	78 (0.9)	486 (4.0)	14 (0.6)	503 (6.0)	6 (0.5)	480 (7.7)	2 ~	~ ~
Italy	72 (1.3)	510 (2.8)	18 (0.9)	485 (4.2)	8 (0.7)	457 (8.8)	2 ~	~ ~
Japan	95 (0.4)	597 (3.1)	3 (0.3)	589 (8.3)	1 ~	~ ~	0 ~	~ ~
Jordan	79 (0.7)	392 (3.3)	11 (0.6)	396 (4.5)	7 (0.4)	368 (5.7)	3 (0.3)	332 (9.1)
Kazakhstan	70 (1.2)	454 (3.4)	21 (0.7)	465 (5.5)	9 (0.7)	438 (7.8)	1 ~	~ ~
Korea, Rep. of	90 (0.4)	597 (3.1)	9 (0.4)	598 (6.1)	1 ~	~ ~	0 ~	~ ~
Kuwait	64 (1.2)	383 (5.3)	17 (0.8)	435 (8.5)	15 (0.7)	437 (8.3)	5 (0.7)	378 (11.2)
Lithuania	71 (0.9)	516 (3.6)	24 (0.8)	516 (3.3)	4 (0.4)	482 (7.8)	2 ~	~ ~
Malaysia	63 (1.8)	404 (3.5)	12 (0.5)	420 (6.0)	18 (1.2)	431 (6.2)	6 (0.6)	400 (6.5)
Malta	15 (0.5)	503 (4.0)	21 (0.6)	514 (3.0)	47 (0.7)	499 (1.8)	18 (0.5)	485 (3.8)
Morocco	18 (1.2)	358 (4.3)	16 (0.6)	385 (4.6)	44 (1.0)	384 (3.3)	22 (1.1)	377 (3.7)
Norway (9)	74 (1.0)	508 (2.3)	14 (0.7)	493 (3.8)	8 (0.5)	479 (5.0)	4 (0.3)	468 (7.0)
Oman	54 (1.0)	411 (2.8)	22 (0.6)	421 (3.8)	18 (0.7)	418 (4.9)	6 (0.3)	382 (6.1)
Palestinian Nat'l Auth.	82 (0.8)	385 (3.0)	8 (0.5)	397 (6.4)	6 (0.5)	354 (9.2)	4 (0.3)	336 (9.7)
Portugal	86 (0.6)	476 (2.7)	10 (0.4)	484 (4.0)	3 (0.3)	453 (8.1)	1 ~	~ ~
Qatar	47 (1.6)	428 (5.2)	23 (0.8)	479 (5.5)	25 (1.7)	479 (6.0)	5 (0.5)	444 (12.2)
Romania	85 (0.9)	501 (4.6)	11 (0.6)	503 (8.1)	3 (0.4)	438 (21.0)	1 ~	~ ~
Saudi Arabia	79 (0.7)	397 (3.4)	12 (0.5)	414 (5.0)	7 (0.4)	400 (7.5)	3 (0.3)	349 (10.3)
Singapore	51 (1.0)	607 (6.0)	32 (0.8)	604 (6.8)	15 (0.7)	605 (8.4)	2 ~	~ ~
South Africa (9)	13 (0.8)	438 (8.7)	17 (0.6)	420 (4.5)	65 (1.0)	383 (2.9)	6 (0.3)	371 (5.5)
Sweden	70 (1.3)	528 (2.7)	16 (0.7)	507 (3.8)	10 (0.7)	481 (6.0)	4 (0.4)	504 (7.6)
Türkiye	82 (0.9)	510 (4.3)	12 (0.7)	527 (6.9)	5 (0.7)	457 (13.1)	1 ~	~ ~
United Arab Emirates	32 (0.5)	478 (2.5)	27 (0.5)	514 (2.4)	34 (0.5)	488 (2.1)	7 (0.2)	464 (3.1)
United States	67 (1.7)	492 (3.8)	19 (1.0)	498 (7.3)	12 (0.8)	468 (8.7)	2 ~	~ ~
Uzbekistan	81 (1.6)	419 (4.3)	12 (0.9)	442 (7.8)	6 (0.9)	410 (7.6)	1 ~	~ ~
International Average	67 (0.2)	474 (0.6)	16 (0.1)	482 (0.9)	13 (0.1)	454 (1.3)	4 (0.1)	430 (1.9)
Benchmarking Participants								
Abu Dhabi, UAE	19 (0.4)	467 (3.3)	26 (0.8)	475 (3.8)	43 (0.8)	448 (3.1)	11 (0.4)	427 (3.7)
Dubai, UAE	31 (1.3)	530 (5.2)	32 (0.9)	561 (3.3)	31 (1.2)	548 (3.2)	6 (0.3)	538 (7.0)
Sharjah, UAE	36 (1.1)	473 (5.9)	27 (0.9)	518 (6.6)	32 (1.1)	505 (5.1)	5 (0.4)	488 (7.2)

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

Exhibit 3.3.5: Students Speak the Language of the Test at Home

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	72 (1.4)	524 (3.5)	18 (0.9)	524 (4.8)	9 (0.7)	510 (8.4)	2 ~	~ ~
Austria	65 (1.1)	528 (2.4)	17 (0.7)	503 (3.7)	14 (0.7)	462 (5.2)	4 (0.5)	466 (10.9)
Azerbaijan	74 (1.2)	409 (3.2)	16 (0.6)	432 (4.6)	8 (0.8)	396 (7.1)	2 ~	~ ~
Bahrain	56 (0.9)	440 (3.5)	19 (0.6)	479 (4.8)	20 (0.6)	476 (4.9)	4 (0.4)	424 (8.8)
Brazil	88 (0.5)	425 (2.4)	7 (0.4)	427 (6.1)	4 (0.2)	335 (5.3)	1 ~	~ ~
Chile	88 (0.6)	456 (2.5)	10 (0.5)	471 (5.6)	1 ~	~ ~	1 ~	~ ~
Chinese Taipei	71 (0.8)	574 (2.6)	24 (0.7)	579 (3.5)	4 (0.3)	517 (7.8)	1 ~	~ ~
Cote d'Ivoire	50 (1.6)	215 (10.8)	21 (0.7)	179 (9.0)	27 (1.4)	134 (3.6)	2 ~	~ ~
Cyprus	59 (0.9)	464 (2.6)	17 (0.7)	468 (5.2)	16 (0.7)	473 (7.1)	8 (0.4)	460 (9.8)
Czech Republic	72 (0.7)	529 (2.0)	22 (0.6)	533 (2.8)	4 (0.3)	487 (7.1)	2 ~	~ ~
England	71 (2.0)	535 (4.5)	16 (1.1)	532 (7.2)	11 (1.0)	517 (8.8)	2 ~	~ ~
Finland	82 (0.9)	538 (3.0)	11 (0.5)	528 (4.6)	5 (0.5)	465 (10.5)	2 ~	~ ~
France	70 (1.4)	496 (3.6)	20 (1.0)	479 (3.3)	8 (0.7)	434 (5.9)	1 ~	~ ~
Georgia	81 (1.2)	449 (3.0)	13 (0.7)	454 (4.9)	5 (0.8)	430 (18.2)	1 ~	~ ~
Hong Kong SAR	48 (2.2)	533 (4.8)	14 (0.7)	552 (9.9)	32 (1.6)	521 (5.5)	7 (0.7)	497 (9.3)
Hungary	81 (0.8)	521 (3.4)	16 (0.7)	532 (4.4)	2 ~	~ ~	1 ~	~ ~
Iran, Islamic Rep. of	51 (1.8)	431 (3.5)	20 (0.9)	443 (4.5)	18 (1.4)	389 (5.4)	11 (0.9)	375 (8.5)
Ireland	78 (1.2)	528 (3.5)	9 (0.6)	519 (8.2)	8 (0.6)	533 (7.7)	5 (0.3)	509 (8.5)
Israel	78 (0.9)	481 (3.8)	14 (0.6)	499 (5.4)	6 (0.5)	463 (7.3)	2 ~	~ ~
Italy	72 (1.3)	512 (2.8)	18 (0.9)	483 (4.6)	8 (0.7)	451 (9.3)	2 ~	~ ~
Japan	95 (0.4)	559 (3.1)	3 (0.3)	559 (7.7)	1 ~	~ ~	0 ~	~ ~
Jordan	79 (0.7)	418 (3.9)	11 (0.6)	422 (5.5)	7 (0.4)	385 (6.0)	3 (0.3)	334 (9.0)
Kazakhstan	70 (1.2)	444 (3.1)	21 (0.7)	453 (4.3)	9 (0.7)	416 (6.4)	1 ~	~ ~
Korea, Rep. of	90 (0.4)	546 (2.2)	9 (0.4)	547 (5.8)	1 ~	~ ~	0 ~	~ ~
Kuwait	64 (1.2)	405 (5.7)	17 (0.8)	466 (8.6)	15 (0.7)	449 (10.6)	5 (0.7)	392 (10.3)
Lithuania	71 (0.9)	522 (3.4)	24 (0.8)	521 (3.1)	4 (0.4)	485 (7.8)	2 ~	~ ~
Malaysia	63 (1.8)	434 (3.7)	12 (0.5)	438 (6.2)	18 (1.2)	415 (6.4)	6 (0.6)	353 (6.7)
Malta	15 (0.5)	514 (4.4)	21 (0.6)	530 (3.9)	47 (0.7)	496 (2.3)	18 (0.5)	474 (4.0)
Morocco	18 (1.2)	329 (5.2)	16 (0.6)	338 (5.1)	44 (1.0)	330 (3.6)	22 (1.1)	312 (4.8)
Norway (9)	74 (1.0)	498 (2.6)	14 (0.7)	478 (4.3)	8 (0.5)	456 (5.3)	4 (0.3)	448 (9.1)
Oman	54 (1.0)	460 (2.8)	22 (0.6)	467 (4.4)	18 (0.7)	456 (4.1)	6 (0.3)	418 (6.8)
Palestinian Nat'l Auth.	82 (0.8)	397 (2.8)	8 (0.5)	412 (6.0)	6 (0.5)	354 (9.6)	4 (0.3)	334 (8.8)
Portugal	86 (0.6)	506 (2.4)	10 (0.4)	518 (4.5)	3 (0.3)	482 (7.0)	1 ~	~ ~
Qatar	47 (1.6)	465 (5.0)	23 (0.8)	510 (5.7)	25 (1.7)	499 (6.1)	5 (0.5)	449 (13.0)
Romania	85 (0.9)	470 (3.8)	11 (0.6)	482 (6.1)	3 (0.4)	420 (17.0)	1 ~	~ ~
Saudi Arabia	79 (0.7)	419 (3.5)	12 (0.5)	446 (5.6)	7 (0.4)	416 (8.6)	3 (0.3)	357 (9.8)
Singapore	51 (1.0)	609 (5.5)	32 (0.8)	610 (6.1)	15 (0.7)	598 (8.7)	2 ~	~ ~
South Africa (9)	13 (0.8)	439 (10.3)	17 (0.6)	407 (5.6)	65 (1.0)	338 (3.6)	6 (0.3)	318 (6.9)
Sweden	70 (1.3)	537 (3.0)	16 (0.7)	510 (4.6)	10 (0.7)	459 (6.2)	4 (0.4)	487 (10.1)
Türkiye	82 (0.9)	531 (3.6)	12 (0.7)	544 (5.8)	5 (0.7)	482 (12.2)	1 ~	~ ~
United Arab Emirates	32 (0.5)	482 (2.6)	27 (0.5)	520 (2.5)	34 (0.5)	479 (2.5)	7 (0.2)	439 (3.9)
United States	67 (1.7)	520 (3.5)	19 (1.0)	522 (6.3)	12 (0.8)	486 (8.6)	2 ~	~ ~
Uzbekistan	81 (1.6)	394 (3.7)	12 (0.9)	421 (5.7)	6 (0.9)	380 (7.1)	1 ~	~ ~
International Average	67 (0.2)	476 (0.6)	16 (0.1)	482 (0.9)	13 (0.1)	443 (1.3)	4 (0.1)	413 (2.0)
Benchmarking Participants								
Abu Dhabi, UAE	19 (0.4)	468 (4.1)	26 (0.8)	478 (4.7)	43 (0.8)	432 (4.1)	11 (0.4)	395 (5.4)
Dubai, UAE	31 (1.3)	535 (5.7)	32 (0.9)	568 (3.1)	31 (1.2)	545 (3.9)	6 (0.3)	520 (7.5)
Sharjah, UAE	36 (1.1)	478 (5.6)	27 (0.9)	527 (6.8)	32 (1.1)	505 (5.4)	5 (0.4)	472 (7.4)

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