

**Exhibit 5.4: Schools with Students Having the Language of the Test as Their Native Language**

Reported by Principals

Country	School has More than 90% of Students with Language of Test as Their Native Language		School has 51-90% of Students with Language of Test as Their Native Language		School has 50% or Less of Students with Language of Test as Their Native Language	
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement
Australia	62 (4.0)	515 (3.5)	27 (3.5)	517 (7.1)	11 (2.1)	493 (10.3)
Bahrain	74 (0.2)	455 (2.7)	8 (0.1)	504 (8.4)	18 (0.2)	496 (5.3)
Botswana (9)	6 (1.9)	382 (15.2)	2 (1.2)	~ ~	93 (2.3)	392 (3.1)
Canada	43 (2.9)	535 (3.1)	40 (3.1)	524 (3.3)	18 (2.6)	517 (5.6)
Chile	100 (0.3)	455 (3.5)	0 (0.3)	~ ~	0 (0.0)	~ ~
Chinese Taipei	66 (3.5)	579 (2.9)	28 (3.5)	555 (4.6)	5 (1.3)	527 (5.2)
Egypt	99 (0.7)	371 (4.4)	1 (0.7)	~ ~	0 (0.0)	~ ~
England	r 66 (4.4)	543 (6.3)	24 (3.9)	555 (10.2)	10 (2.7)	522 (16.6)
Georgia	89 (2.7)	445 (3.4)	10 (2.8)	433 (12.8)	1 (0.7)	~ ~
Hong Kong SAR	48 (4.7)	532 (5.2)	6 (2.1)	540 (22.2)	46 (5.0)	556 (6.2)
Hungary	100 (0.0)	526 (3.5)	0 (0.0)	~ ~	0 (0.0)	~ ~
Iran, Islamic Rep. of	50 (2.9)	478 (6.0)	11 (2.3)	460 (10.6)	40 (3.1)	428 (4.9)
Ireland	70 (4.1)	534 (3.2)	26 (3.8)	517 (9.1)	4 (1.7)	534 (9.7)
Israel	66 (3.0)	510 (5.3)	28 (3.2)	502 (7.4)	7 (1.9)	504 (19.9)
Italy	63 (3.8)	494 (3.4)	36 (3.8)	506 (4.6)	1 (0.9)	~ ~
Japan	99 (0.9)	571 (1.8)	1 (0.6)	~ ~	1 (0.7)	~ ~
Jordan	99 (0.5)	426 (3.4)	0 (0.4)	~ ~	0 (0.3)	~ ~
Kazakhstan	55 (3.1)	517 (6.0)	26 (3.4)	548 (10.2)	20 (2.9)	555 (13.0)
Korea, Rep. of	100 (0.0)	556 (2.2)	0 (0.0)	~ ~	0 (0.0)	~ ~
Kuwait	84 (2.5)	403 (5.4)	4 (1.5)	343 (21.5)	11 (2.0)	482 (27.4)
Lebanon	4 (1.6)	377 (32.3)	9 (2.6)	425 (19.7)	87 (3.1)	398 (5.9)
Lithuania	88 (2.6)	518 (3.1)	10 (2.4)	526 (10.5)	2 (0.9)	~ ~
Malaysia	48 (3.9)	485 (5.6)	24 (3.8)	466 (7.9)	28 (4.1)	451 (10.4)
Malta	4 (0.0)	522 (8.8)	6 (0.1)	558 (6.2)	90 (0.1)	473 (1.8)
Morocco	74 (2.8)	393 (2.9)	10 (2.0)	395 (7.4)	16 (2.1)	394 (5.1)
New Zealand	68 (4.2)	517 (3.7)	29 (4.1)	504 (8.3)	3 (1.7)	459 (32.2)
Norway (9)	77 (3.4)	514 (3.2)	19 (2.8)	500 (3.9)	4 (1.8)	476 (9.2)
Oman	86 (1.9)	452 (3.0)	3 (1.3)	445 (14.3)	11 (1.2)	476 (8.7)
Qatar	51 (0.7)	412 (4.2)	9 (0.3)	495 (6.3)	40 (0.7)	505 (4.7)
Russian Federation	80 (2.6)	545 (4.0)	15 (2.4)	551 (6.8)	5 (1.7)	516 (32.1)
Saudi Arabia	93 (2.4)	397 (4.8)	3 (1.3)	384 (23.1)	4 (2.0)	394 (11.8)
Singapore	0 (0.0)	~ ~	0 (0.0)	~ ~	100 (0.0)	597 (3.2)
Slovenia	71 (3.6)	555 (3.0)	27 (3.6)	545 (4.9)	2 (1.0)	~ ~
South Africa (9)	12 (2.3)	423 (17.6)	8 (1.7)	462 (20.6)	80 (2.7)	342 (6.7)
Sweden	47 (4.4)	534 (4.9)	43 (4.5)	520 (4.4)	10 (2.4)	481 (16.8)
Thailand	86 (2.8)	460 (4.6)	7 (2.2)	420 (11.2)	7 (1.8)	436 (13.3)
Turkey	80 (2.5)	505 (4.5)	7 (1.6)	487 (13.0)	12 (2.1)	419 (9.9)
United Arab Emirates	48 (1.2)	436 (3.5)	5 (0.9)	531 (9.6)	47 (1.4)	508 (3.9)
United States	58 (2.8)	546 (3.2)	28 (2.8)	514 (5.7)	14 (2.5)	504 (8.7)
<b>International Avg.</b>	<b>64 (0.4)</b>	<b>485 (1.2)</b>	<b>14 (0.4)</b>	<b>491 (2.1)</b>	<b>22 (0.3)</b>	<b>477 (2.5)</b>

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

**Benchmarking Participants**

Buenos Aires, Argentina	s 95 (2.6)	390 (5.9)	4 (2.2)	350 (14.0)	1 (1.3)	~ ~
Ontario, Canada	37 (3.9)	527 (4.3)	45 (4.5)	520 (3.9)	18 (3.4)	522 (7.2)
Quebec, Canada	49 (5.5)	544 (3.6)	32 (4.9)	537 (8.4)	19 (5.3)	510 (10.5)
Norway (8)	75 (3.5)	494 (2.6)	21 (3.0)	486 (4.5)	4 (1.8)	452 (11.9)
Abu Dhabi, UAE	59 (2.8)	427 (6.5)	4 (1.6)	525 (30.5)	37 (3.2)	482 (10.6)
Dubai, UAE	24 (0.3)	474 (3.2)	7 (0.2)	563 (6.1)	69 (0.4)	539 (2.7)
Florida, US	s 31 (8.2)	545 (6.3)	45 (8.4)	497 (13.4)	24 (7.9)	501 (19.0)

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

A tilde (~) indicates insufficient data to report achievement.

An "r" indicates data are available for at least 70% but less than 85% of the students. An "s" indicates data are available for at least 50% but less than 70% of the students.