

Exhibit 6.4: School Emphasis on Academic Success – Teachers' Reports

Reported by Teachers

Students were scored according to their teachers' responses characterizing fourteen aspects on the *School Emphasis on Academic Success* scale. Students in schools where their teachers reported a **Very High Emphasis** on academic success had a score on the scale of at least 12.9, which corresponds to their teachers characterizing seven of the fourteen aspects as "very high" and the other seven as "high," on average. Students in schools with a **Medium Emphasis** on academic success had a score no higher than 9.2, which corresponds to their teachers characterizing seven of the fourteen aspects as "medium" and the other seven as "high," on average. All other students attended schools with a **High Emphasis** on academic success.

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

Country	Very High Emphasis		High Emphasis		Medium Emphasis		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Korea, Rep. of	29 (2.8)	627 (4.7)	57 (3.5)	603 (2.5)	15 (2.7)	590 (4.6)	11.6 (0.15)
Kazakhstan	22 (2.7)	555 (10.5)	69 (2.7)	543 (5.8)	8 (1.6)	528 (11.8)	11.6 (0.15)
Northern Ireland	22 (3.6)	585 (7.3)	67 (4.4)	574 (4.2)	11 (3.1)	539 (6.6)	11.8 (0.20)
Ireland	20 (3.5)	562 (4.9)	67 (3.9)	548 (2.6)	13 (2.5)	518 (6.4)	11.2 (0.18)
Croatia	19 (3.1)	500 (4.3)	70 (3.8)	502 (2.3)	11 (2.4)	505 (7.1)	11.3 (0.16)
Qatar	19 (3.5)	457 (8.5)	67 (4.5)	440 (5.2)	14 (2.9)	409 (11.0)	11.1 (0.16)
United Arab Emirates	15 (1.7)	482 (7.4)	62 (2.3)	463 (3.7)	23 (1.8)	405 (7.0)	10.8 (0.09)
England	15 (2.7)	575 (9.8)	56 (4.0)	552 (4.0)	29 (3.7)	521 (6.3)	10.7 (0.17)
Canada	13 (1.7)	524 (4.4)	58 (2.7)	518 (2.8)	28 (2.5)	492 (5.5)	10.6 (0.12)
Bahrain	13 (0.8)	457 (9.8)	57 (2.2)	461 (2.0)	29 (2.0)	432 (2.9)	10.5 (0.15)
New Zealand	12 (2.2)	510 (6.4)	68 (2.8)	499 (2.9)	20 (2.2)	454 (6.0)	10.6 (0.11)
Indonesia	11 (2.2)	408 (16.5)	57 (3.4)	407 (4.5)	32 (3.3)	377 (6.9)	10.3 (0.14)
Oman	11 (1.9)	437 (10.2)	66 (3.2)	429 (3.4)	23 (2.7)	413 (5.7)	10.6 (0.11)
Georgia	10 (2.8)	472 (8.8)	72 (3.8)	469 (4.6)	18 (3.1)	437 (8.6)	10.7 (0.14)
Iran, Islamic Rep. of	9 (2.0)	471 (12.6)	57 (3.3)	435 (5.1)	34 (3.2)	414 (5.4)	10.2 (0.15)
Australia	9 (2.2)	555 (7.7)	63 (4.1)	526 (3.5)	28 (4.0)	488 (5.8)	10.4 (0.13)
United States	8 (1.7)	576 (9.7)	51 (2.4)	547 (3.6)	41 (2.2)	520 (3.4)	9.8 (0.11)
Lithuania	8 (2.1)	554 (11.3)	72 (3.7)	540 (3.2)	20 (3.4)	513 (6.8)	10.7 (0.13)
Spain	8 (1.7)	522 (4.7)	62 (3.3)	515 (2.3)	30 (3.5)	479 (5.3)	10.2 (0.12)
South Africa (5)	7 (1.4)	402 (18.4)	58 (3.3)	377 (5.3)	35 (3.2)	373 (6.7)	9.9 (0.13)
Kuwait	6 (2.1)	372 (15.3)	60 (3.2)	364 (7.2)	34 (2.7)	326 (5.2)	10.0 (0.13)
Serbia	6 (1.9)	526 (9.9)	63 (3.7)	525 (4.2)	31 (3.7)	502 (8.1)	10.1 (0.14)
Bulgaria	5 (1.9)	574 (14.7)	61 (3.8)	532 (6.2)	34 (3.7)	503 (8.3)	9.9 (0.14)
Turkey	5 (1.3)	544 (21.0)	45 (3.2)	501 (5.6)	50 (3.5)	461 (4.3)	9.3 (0.14)
Saudi Arabia	4 (1.6)	434 (11.7)	46 (3.8)	395 (6.1)	50 (3.8)	370 (6.3)	9.4 (0.14)
Singapore	4 (1.3)	639 (18.0)	52 (3.0)	637 (4.8)	44 (2.8)	594 (5.6)	9.7 (0.09)
Sweden	4 (1.5)	561 (9.0)	46 (4.2)	522 (3.1)	50 (4.1)	512 (4.5)	9.4 (0.13)
Morocco	4 (1.3)	397 (21.7)	17 (2.8)	430 (7.4)	79 (3.1)	364 (4.1)	8.0 (0.13)
Jordan	4 (1.4)	423 (20.1)	49 (3.9)	402 (5.4)	48 (3.9)	373 (5.1)	9.4 (0.14)
Czech Republic	3 (1.3)	528 (17.8)	44 (3.7)	532 (2.7)	52 (3.5)	525 (4.0)	9.3 (0.11)
Chinese Taipei	3 (1.4)	605 (9.0)	63 (3.6)	600 (2.4)	34 (3.7)	590 (3.9)	9.8 (0.13)
Cyprus	3 (1.3)	552 (20.3)	59 (3.6)	530 (2.6)	38 (3.6)	509 (4.0)	9.9 (0.13)
Italy	3 (1.4)	514 (16.6)	48 (3.7)	509 (3.2)	49 (3.6)	504 (4.0)	9.5 (0.12)
Norway (5)	3 (1.7)	592 (11.6)	52 (4.0)	557 (3.8)	45 (3.8)	539 (2.8)	9.5 (0.11)
Poland	2 (1.0)	~ ~	61 (3.6)	541 (2.3)	37 (3.7)	524 (4.1)	9.8 (0.10)
Denmark	2 (1.2)	~ ~	41 (3.6)	544 (4.5)	57 (3.7)	531 (3.8)	9.1 (0.12)
Finland	2 (0.9)	~ ~	64 (3.3)	538 (2.0)	34 (3.3)	530 (4.1)	9.8 (0.10)
Chile	2 (1.4)	~ ~	36 (4.1)	475 (5.3)	62 (4.3)	451 (3.7)	8.8 (0.19)
Belgium (Flemish)	2 (1.4)	~ ~	47 (3.8)	556 (3.1)	51 (3.7)	536 (2.7)	9.2 (0.12)
Portugal	2 (1.0)	~ ~	54 (3.4)	553 (3.5)	45 (3.2)	527 (4.5)	9.5 (0.10)
Hungary	1 (0.8)	~ ~	47 (3.3)	548 (4.1)	52 (3.4)	510 (4.9)	9.2 (0.12)
Slovak Republic	1 (0.6)	~ ~	49 (3.3)	511 (3.8)	50 (3.2)	485 (4.4)	9.3 (0.09)
Slovenia	1 (0.9)	~ ~	61 (4.0)	521 (2.5)	38 (4.1)	519 (3.4)	9.6 (0.10)
France	1 (0.6)	~ ~	61 (3.3)	498 (3.5)	38 (3.3)	471 (3.6)	9.6 (0.09)
Germany	1 (0.6)	~ ~	58 (3.5)	529 (2.6)	41 (3.4)	510 (4.2)	9.4 (0.11)
Hong Kong SAR	0 (0.4)	~ ~	71 (3.7)	624 (3.9)	29 (3.7)	591 (4.6)	9.9 (0.13)
Russian Federation	0 (0.5)	~ ~	54 (3.9)	570 (3.8)	46 (3.9)	557 (6.5)	9.4 (0.09)
Japan	0 (0.4)	~ ~	46 (3.4)	599 (3.0)	54 (3.4)	588 (2.1)	9.1 (0.09)
Netherlands	0 (0.3)	~ ~	42 (4.3)	532 (3.2)	57 (4.3)	528 (2.3)	9.1 (0.11)
International Avg.	7 (0.3)	515 (2.2)	56 (0.5)	513 (0.6)	36 (0.5)	488 (0.8)	

This TIMSS questionnaire scale was established in 2015 based on the combined response distribution of all countries that participated in TIMSS 2015. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

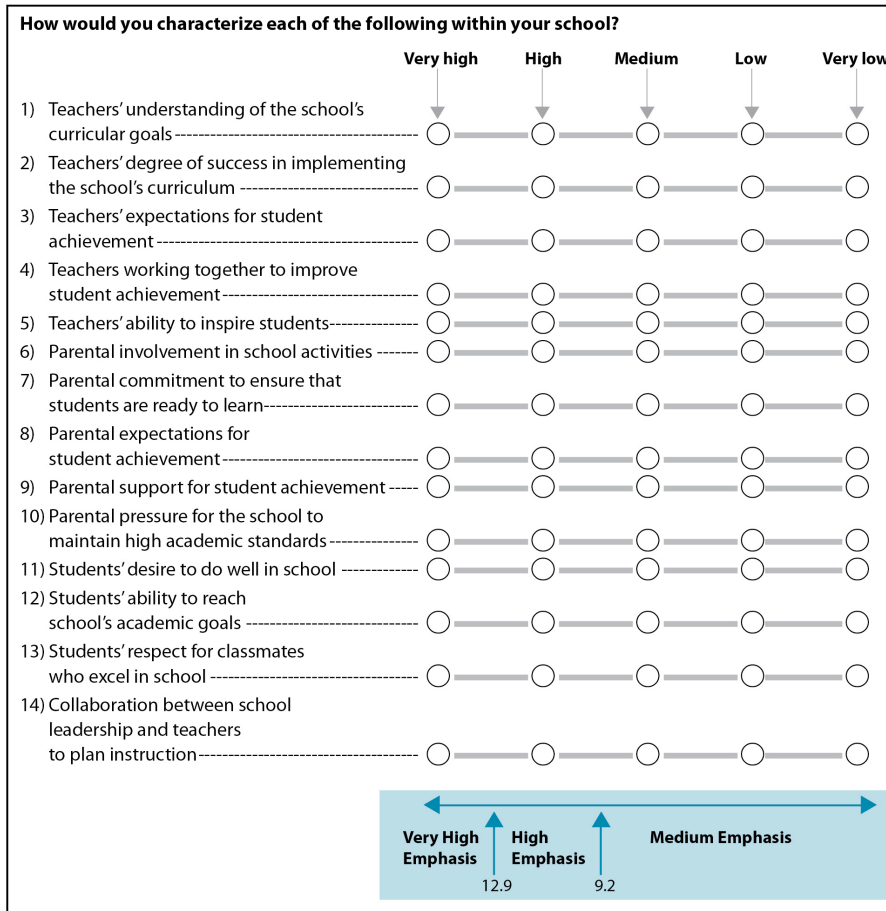
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

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 "x" indicates data are available for less than 50% of students.

Exhibit 6.4: School Emphasis on Academic Success – Teachers' Reports (Continued)

Country	Very High Emphasis		High Emphasis		Medium Emphasis		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Benchmarking Participants							
Quebec, Canada	24 (5.0)	539 (5.3)	66 (5.2)	536 (5.6)	10 (2.4)	524 (12.0)	11.7 (0.20)
Dubai, UAE	17 (1.9)	542 (8.5)	67 (2.1)	513 (2.7)	16 (2.5)	472 (9.0)	11.2 (0.09)
Florida, US	14 (3.8)	579 (13.2)	44 (4.7)	561 (5.5)	43 (5.3)	522 (7.0)	9.8 (0.30)
Abu Dhabi, UAE	9 (2.5)	470 (16.0)	58 (4.3)	435 (8.1)	33 (3.9)	378 (10.6)	10.2 (0.15)
Ontario, Canada	8 (2.3)	519 (9.1)	55 (3.4)	521 (3.3)	37 (3.8)	503 (3.8)	10.0 (0.20)
Norway (4)	2 (1.0)	~ ~	59 (4.2)	501 (2.6)	39 (4.2)	487 (4.6)	9.5 (0.13)
Buenos Aires, Argentina	x x	x x	x x	x x	x x	x x	x x



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