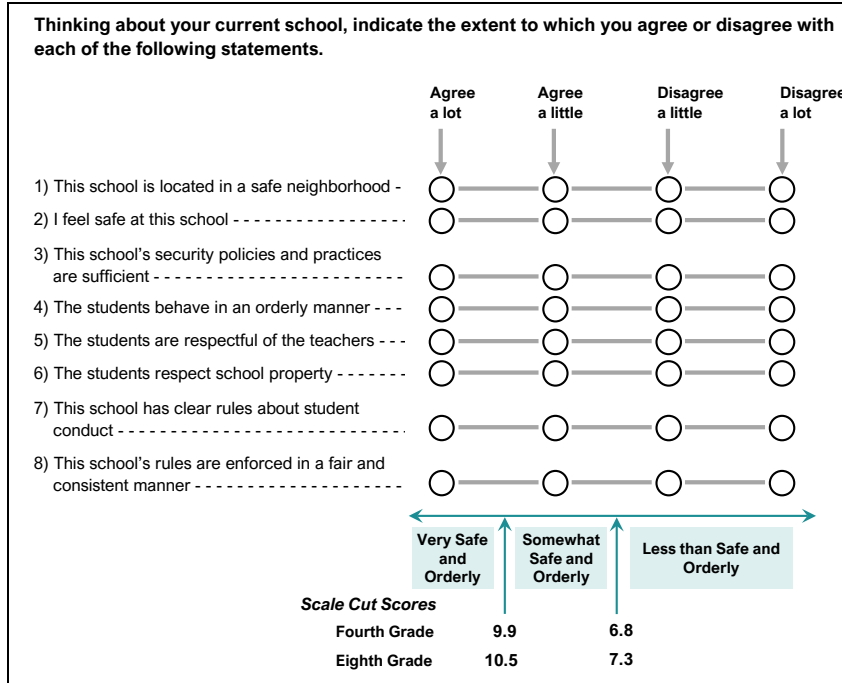


**Exhibit 8.6: Safe and Orderly School – Teachers’ Reports**

Students’ Results based on Teachers’ Reports

**About the Scale**

Students were scored according to their teachers’ responses to eight statements on the *Safe and Orderly School* scale. Cut scores divide the scale into three categories. Students in **Very Safe and Orderly** schools had a score at or above the cut score corresponding to their teachers “agreeing a lot” with four of the eight statements and “agreeing a little” with the other four, on average. Students in **Less than Safe and Orderly** schools had a score at or below the cut score corresponding to their teachers “disagreeing a little” with four of the eight statements and “agreeing a little” with the other four, on average. All other students were in **Somewhat Safe and Orderly** schools.



SOURCE: IEA’s Trends in International Mathematics and Science Study - TIMSS 2019  
Downloaded from <http://timss2019.org/download>

## Exhibit 8.7: Safe and Orderly School – Teachers' Reports

Students' Results based on Teachers' Reports

Country	Very Safe and Orderly		Somewhat Safe and Orderly		Less than Safe and Orderly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Albania	97 (1.3)	494 (3.5)	3 (1.3)	502 (17.7)	0 (0.0)	--	12.6 (0.10)
Kosovo	91 (2.3)	445 (3.2)	9 (2.4)	432 (10.3)	0 (0.5)	--	12.2 (0.12)
Azerbaijan	86 (2.8)	513 (2.9)	13 (2.6)	525 (9.0)	1 (0.8)	--	11.5 (0.14)
Armenia	85 (3.0)	502 (2.8)	15 (3.0)	483 (6.4)	0 (0.2)	--	11.4 (0.13)
Montenegro	85 (1.7)	453 (2.2)	14 (1.7)	452 (7.7)	0 (0.0)	--	11.5 (0.07)
Kuwait	82 (2.9)	387 (5.4)	17 (2.8)	365 (13.2)	1 (0.7)	--	11.3 (0.13)
Georgia	81 (3.3)	479 (3.9)	18 (3.3)	493 (7.7)	1 (0.5)	--	11.2 (0.14)
Bosnia and Herzegovina	80 (2.8)	452 (3.1)	18 (2.7)	454 (5.2)	1 (0.7)	--	11.3 (0.13)
Saudi Arabia	79 (3.1)	403 (4.6)	20 (3.0)	382 (8.0)	1 (0.7)	--	11.3 (0.13)
Pakistan	79 (3.9)	343 (14.0)	19 (3.5)	293 (17.4)	2 (1.4)	--	11.2 (0.27)
Ireland	78 (3.1)	553 (2.8)	19 (2.9)	535 (5.8)	3 (1.4)	511 (11.3)	11.5 (0.15)
North Macedonia	76 (3.4)	469 (6.3)	22 (3.4)	484 (10.1)	1 (0.7)	--	11.2 (0.15)
Spain	76 (3.1)	508 (2.3)	22 (2.9)	489 (3.8)	2 (0.9)	--	11.2 (0.14)
Northern Ireland	75 (3.6)	572 (3.4)	23 (3.4)	545 (6.1)	2 (1.5)	--	11.6 (0.18)
United Arab Emirates	r 75 (1.0)	496 (2.0)	22 (0.9)	441 (5.7)	3 (0.4)	393 (11.9)	11.4 (0.05)
Qatar	74 (2.5)	448 (4.6)	25 (2.5)	452 (8.1)	2 (0.9)	--	11.2 (0.13)
Bulgaria	73 (3.1)	521 (5.6)	26 (2.9)	497 (7.3)	1 (0.8)	--	10.8 (0.13)
Serbia	73 (4.2)	504 (3.9)	24 (4.0)	518 (6.2)	3 (1.4)	516 (10.9)	10.8 (0.15)
Kazakhstan	72 (3.4)	514 (3.1)	27 (3.3)	510 (5.2)	1 (0.6)	--	11.2 (0.14)
Portugal	71 (2.9)	533 (2.8)	27 (2.9)	509 (5.1)	1 (0.4)	--	10.7 (0.12)
Philippines	70 (3.8)	304 (7.4)	27 (3.8)	272 (10.7)	2 (1.2)	--	10.8 (0.15)
Netherlands	r 69 (3.6)	541 (3.3)	28 (3.6)	529 (3.4)	3 (1.5)	513 (7.3)	10.6 (0.17)
Singapore	68 (2.5)	627 (4.6)	30 (2.5)	624 (6.4)	3 (0.9)	594 (29.4)	10.9 (0.10)
Iran, Islamic Rep. of	67 (3.1)	445 (4.8)	30 (3.1)	439 (8.4)	2 (1.1)	--	10.7 (0.13)
New Zealand	67 (2.8)	496 (3.4)	29 (2.5)	473 (5.6)	4 (1.3)	451 (20.6)	10.7 (0.13)
Oman	66 (3.4)	435 (5.3)	33 (3.4)	427 (7.5)	1 (0.5)	--	10.7 (0.13)
Bahrain	65 (2.8)	481 (3.1)	33 (2.9)	480 (5.4)	2 (1.1)	--	10.7 (0.11)
Australia	64 (3.5)	529 (3.7)	28 (3.0)	504 (7.4)	8 (2.3)	479 (9.0)	10.6 (0.16)
Lithuania	63 (3.6)	543 (3.8)	36 (3.5)	539 (3.3)	1 (0.6)	--	10.4 (0.12)
Russian Federation	62 (3.5)	567 (4.4)	36 (3.4)	566 (4.5)	2 (1.0)	--	10.3 (0.14)
Hong Kong SAR	61 (4.3)	612 (3.7)	38 (4.4)	585 (5.4)	0 (0.5)	--	10.5 (0.16)
Austria	60 (2.7)	545 (2.4)	37 (2.8)	533 (3.5)	2 (0.9)	--	10.2 (0.10)
Norway (5)	r 59 (4.1)	549 (3.4)	38 (4.0)	540 (3.5)	3 (1.1)	535 (6.6)	10.2 (0.18)
Cyprus	59 (3.4)	534 (3.8)	37 (3.1)	532 (4.0)	4 (1.2)	539 (16.5)	10.4 (0.16)
Latvia	58 (3.6)	552 (2.8)	40 (3.4)	541 (4.1)	2 (1.3)	--	10.0 (0.10)
Italy	57 (3.7)	518 (2.8)	41 (3.5)	512 (4.2)	2 (1.2)	--	10.0 (0.12)
England	s 55 (5.6)	564 (6.1)	41 (5.6)	553 (7.9)	4 (1.9)	537 (20.9)	10.4 (0.22)
Morocco	54 (3.5)	399 (5.4)	40 (3.3)	367 (6.4)	6 (1.8)	336 (9.4)	10.1 (0.16)
Slovak Republic	53 (3.0)	515 (4.2)	45 (3.0)	504 (4.7)	2 (0.9)	--	9.8 (0.10)
Czech Republic	52 (4.1)	539 (3.6)	47 (4.1)	527 (4.3)	1 (0.5)	--	10.0 (0.14)
Poland	51 (3.8)	520 (3.4)	47 (3.9)	520 (4.4)	2 (1.0)	--	9.7 (0.12)
Turkey (5)	51 (3.8)	538 (5.5)	41 (3.9)	515 (7.6)	8 (2.0)	461 (12.4)	9.8 (0.16)
Canada	48 (2.9)	515 (4.4)	45 (2.9)	512 (3.6)	7 (1.3)	493 (7.8)	10.0 (0.13)
Germany	47 (3.8)	534 (3.1)	46 (4.0)	513 (3.9)	7 (1.8)	486 (10.4)	9.6 (0.14)
Denmark	47 (4.1)	531 (3.3)	44 (4.1)	520 (3.4)	9 (2.1)	513 (5.9)	9.7 (0.16)
United States	47 (2.7)	552 (3.3)	43 (2.6)	527 (3.8)	10 (1.3)	495 (6.1)	9.8 (0.13)
Croatia	47 (3.2)	508 (3.6)	52 (3.2)	510 (2.7)	1 (0.7)	--	10.0 (0.12)
Hungary	45 (3.7)	532 (4.5)	48 (3.9)	524 (4.7)	7 (1.9)	476 (16.1)	9.5 (0.12)
Malta	45 (0.4)	517 (1.8)	48 (0.4)	505 (2.1)	8 (0.2)	491 (3.0)	9.7 (0.02)
Chinese Taipei	40 (3.7)	602 (2.7)	54 (3.6)	596 (2.7)	6 (1.9)	603 (5.9)	9.4 (0.15)
France	37 (3.2)	501 (4.7)	60 (3.2)	477 (4.0)	3 (1.0)	456 (13.3)	9.5 (0.11)
Sweden	37 (3.9)	538 (4.3)	59 (3.9)	514 (3.3)	4 (1.6)	497 (13.9)	9.3 (0.13)
South Africa (5)	35 (3.5)	387 (7.8)	51 (4.0)	366 (5.8)	14 (2.0)	366 (8.8)	9.0 (0.12)
Korea, Rep. of	33 (4.1)	610 (4.1)	61 (4.2)	594 (2.9)	6 (1.7)	599 (7.3)	9.5 (0.18)
Chile	31 (4.1)	453 (6.0)	59 (4.2)	438 (3.8)	10 (2.2)	420 (8.8)	9.0 (0.16)
Finland	31 (2.9)	542 (3.7)	63 (3.1)	528 (2.4)	6 (1.5)	516 (9.5)	9.2 (0.10)
Belgium (Flemish)	28 (3.0)	544 (3.1)	66 (3.0)	531 (2.3)	5 (1.5)	505 (8.8)	9.1 (0.11)
Japan	8 (1.8)	596 (3.8)	80 (2.9)	594 (2.1)	12 (2.6)	583 (3.3)	8.2 (0.09)
<b>International Average</b>	<b>61 (0.4)</b>	<b>507 (0.6)</b>	<b>36 (0.4)</b>	<b>495 (0.9)</b>	<b>4 (0.2)</b>	<b>495 (2.4)</b>	
<b>Benchmarking Participants</b>							
Dubai, UAE	r 85 (1.6)	550 (2.2)	15 (1.7)	525 (8.7)	0 (0.4)	--	11.9 (0.08)
Madrid, Spain	72 (3.8)	523 (2.1)	25 (3.9)	508 (5.1)	2 (1.5)	--	11.1 (0.14)
Moscow City, Russian Fed.	60 (4.3)	595 (2.6)	39 (4.3)	588 (4.0)	1 (0.7)	--	10.4 (0.16)
Abu Dhabi, UAE	57 (2.1)	470 (3.5)	36 (2.1)	406 (5.8)	6 (1.1)	388 (13.1)	10.5 (0.10)
Ontario, Canada	r 49 (5.7)	522 (8.4)	43 (5.3)	506 (7.2)	9 (2.3)	484 (10.6)	10.0 (0.26)
Quebec, Canada	31 (4.1)	537 (3.9)	62 (4.4)	531 (3.1)	7 (2.3)	523 (7.4)	9.2 (0.12)

This TIMSS context questionnaire scale was established in 2011 based on the combined response distribution of all countries that participated in TIMSS 2011. 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 "s" indicates data are available for at least 50% but less than 70% of the students.

## Exhibit 8.8: Safe and Orderly School – Teachers' Reports

Students' Results based on Teachers' Reports

Country	Very Safe and Orderly		Somewhat Safe and Orderly		Less than Safe and Orderly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Albania	97 (1.2)	489 (3.7)	3 (1.2)	504 (18.3)	0 (0.0)	--	12.6 (0.10)
Kosovo	91 (2.3)	414 (4.0)	9 (2.4)	396 (12.3)	0 (0.5)	--	12.2 (0.12)
Armenia	88 (2.2)	468 (3.9)	12 (2.2)	466 (6.1)	0 (0.2)	--	11.5 (0.12)
Azerbaijan	85 (2.8)	425 (3.4)	13 (2.6)	441 (9.4)	1 (0.8)	--	11.5 (0.14)
Montenegro	85 (1.7)	453 (2.8)	14 (1.7)	455 (8.6)	0 (0.0)	--	11.5 (0.07)
Pakistan	81 (3.4)	303 (15.5)	17 (3.0)	249 (17.2)	2 (1.4)	--	11.2 (0.25)
Bosnia and Herzegovina	80 (2.8)	459 (3.7)	18 (2.7)	460 (5.7)	1 (0.7)	--	11.3 (0.13)
Kuwait	78 (3.3)	401 (7.5)	22 (3.3)	360 (10.6)	0 (0.0)	--	11.2 (0.15)
Georgia	78 (3.5)	453 (4.3)	21 (3.4)	458 (8.9)	1 (0.5)	--	11.1 (0.13)
Ireland	78 (3.1)	533 (3.7)	19 (2.9)	512 (6.4)	3 (1.4)	491 (10.4)	11.5 (0.15)
Philippines	77 (3.3)	251 (8.4)	21 (3.3)	237 (15.4)	1 (0.9)	--	11.2 (0.14)
North Macedonia	76 (3.4)	422 (7.3)	22 (3.4)	442 (10.8)	1 (0.7)	--	11.2 (0.15)
Saudi Arabia	76 (3.6)	412 (4.4)	21 (3.5)	387 (10.7)	2 (1.4)	--	11.3 (0.17)
Spain	76 (3.4)	514 (2.6)	23 (3.3)	502 (6.3)	2 (0.9)	--	11.1 (0.14)
United Arab Emirates	75 (1.0)	490 (2.7)	22 (1.1)	419 (4.6)	2 (0.6)	--	11.4 (0.05)
Northern Ireland	75 (3.6)	524 (2.6)	23 (3.4)	503 (4.4)	2 (1.5)	--	11.6 (0.18)
Qatar	75 (2.9)	447 (5.1)	22 (2.8)	455 (12.0)	3 (1.4)	457 (18.4)	11.3 (0.15)
Kazakhstan	73 (3.4)	497 (4.0)	26 (3.3)	488 (6.6)	1 (0.6)	--	11.3 (0.14)
Serbia	73 (4.2)	514 (4.2)	24 (4.0)	523 (6.3)	3 (1.4)	527 (10.2)	10.8 (0.15)
Bulgaria	72 (3.0)	531 (6.4)	25 (2.8)	498 (8.7)	3 (1.4)	466 (39.6)	10.6 (0.15)
Portugal	71 (2.9)	510 (2.6)	27 (2.9)	491 (4.6)	1 (0.4)	--	10.7 (0.12)
Oman	70 (3.2)	436 (5.5)	29 (3.1)	438 (8.9)	2 (0.8)	--	10.7 (0.13)
Netherlands	69 (3.6)	525 (3.9)	28 (3.6)	507 (4.9)	3 (1.5)	487 (9.7)	10.6 (0.17)
Bahrain	68 (3.0)	500 (3.9)	28 (2.7)	480 (8.3)	4 (1.6)	450 (15.9)	10.6 (0.12)
Iran, Islamic Rep. of	67 (3.1)	444 (5.1)	30 (3.1)	435 (8.7)	2 (1.1)	--	10.7 (0.13)
Singapore	67 (2.0)	594 (4.2)	31 (2.0)	597 (5.7)	2 (0.7)	--	10.9 (0.08)
New Zealand	66 (2.8)	510 (3.0)	29 (2.5)	491 (5.1)	4 (1.3)	467 (16.6)	10.8 (0.13)
Australia	65 (3.5)	544 (3.0)	26 (2.9)	518 (6.1)	8 (2.3)	497 (5.8)	10.6 (0.17)
Lithuania	65 (3.6)	540 (3.3)	35 (3.5)	534 (3.0)	1 (0.6)	--	10.4 (0.11)
Norway (5)	62 (4.2)	541 (3.1)	34 (4.0)	539 (4.5)	4 (1.6)	531 (6.8)	10.3 (0.19)
Austria	62 (2.4)	532 (2.9)	36 (2.5)	509 (4.3)	2 (0.9)	--	10.2 (0.10)
Russian Federation	61 (3.6)	565 (4.0)	37 (3.5)	570 (4.0)	2 (1.0)	--	10.3 (0.13)
Cyprus	57 (3.9)	515 (4.1)	40 (3.9)	509 (3.9)	3 (1.3)	505 (15.7)	10.4 (0.17)
Italy	57 (3.7)	513 (3.6)	41 (3.5)	506 (4.3)	2 (1.2)	--	10.0 (0.12)
Latvia	56 (4.0)	545 (2.7)	44 (3.9)	538 (4.3)	1 (0.5)	--	10.0 (0.11)
Hong Kong SAR	55 (4.2)	536 (4.5)	42 (4.2)	528 (5.5)	2 (1.4)	--	10.3 (0.17)
England	55 (5.6)	542 (5.5)	41 (5.6)	535 (6.8)	4 (1.9)	515 (21.4)	10.4 (0.22)
Poland	55 (4.1)	529 (3.2)	42 (4.0)	536 (4.4)	3 (1.4)	528 (10.6)	9.8 (0.13)
Morocco	55 (3.3)	393 (9.1)	43 (3.6)	354 (6.5)	2 (1.1)	--	10.2 (0.14)
Slovak Republic	54 (3.0)	528 (4.1)	43 (3.0)	512 (6.0)	3 (1.1)	510 (26.5)	9.9 (0.12)
Czech Republic	52 (3.9)	540 (3.2)	47 (3.9)	527 (3.9)	1 (0.5)	--	9.9 (0.13)
Turkey (5)	52 (3.9)	538 (5.2)	41 (3.4)	519 (6.4)	7 (2.0)	481 (20.0)	9.9 (0.16)
Germany	50 (3.9)	530 (3.3)	44 (3.9)	509 (4.0)	6 (1.8)	484 (14.5)	9.7 (0.15)
Canada	49 (2.5)	532 (2.6)	44 (2.5)	520 (2.9)	7 (1.3)	500 (4.5)	10.0 (0.11)
Hungary	49 (3.7)	534 (4.0)	46 (3.9)	529 (4.7)	5 (1.8)	487 (14.2)	9.7 (0.12)
Denmark	48 (3.6)	528 (3.5)	40 (3.9)	519 (3.8)	12 (2.1)	512 (4.6)	9.7 (0.14)
Croatia	47 (3.2)	523 (3.2)	52 (3.2)	524 (2.6)	1 (0.7)	--	10.0 (0.12)
United States	46 (2.8)	556 (3.8)	44 (2.6)	531 (3.8)	10 (1.5)	493 (6.4)	9.8 (0.13)
Malta	45 (0.4)	504 (1.9)	47 (0.4)	490 (1.9)	8 (0.2)	481 (5.0)	9.7 (0.02)
Chinese Taipei	42 (3.5)	560 (2.6)	52 (3.7)	557 (2.5)	5 (1.8)	551 (7.4)	9.6 (0.15)
South Africa (5)	42 (3.5)	341 (9.1)	46 (3.8)	314 (7.8)	12 (2.1)	319 (12.2)	9.3 (0.15)
Sweden	38 (4.2)	552 (4.1)	56 (4.2)	534 (3.7)	6 (1.6)	511 (13.1)	9.3 (0.13)
France	37 (3.0)	501 (4.7)	60 (3.1)	482 (3.9)	3 (1.0)	452 (13.7)	9.5 (0.11)
Korea, Rep. of	35 (3.7)	595 (3.9)	59 (3.6)	584 (2.6)	6 (2.0)	582 (7.0)	9.5 (0.16)
Finland	32 (2.8)	562 (3.2)	62 (3.0)	552 (3.1)	7 (1.5)	538 (10.4)	9.2 (0.11)
Chile	28 (3.5)	483 (5.7)	60 (4.2)	465 (3.4)	12 (2.6)	446 (8.7)	8.9 (0.15)
Belgium (Flemish)	28 (2.9)	512 (3.3)	66 (2.9)	499 (2.5)	6 (1.6)	473 (10.2)	9.1 (0.11)
Japan	11 (2.8)	564 (6.3)	80 (3.4)	562 (2.1)	9 (2.2)	553 (4.2)	8.4 (0.11)
<b>International Average</b>	<b>61 (0.4)</b>	<b>497 (0.6)</b>	<b>35 (0.4)</b>	<b>484 (0.9)</b>	<b>4 (0.2)</b>	<b>493 (2.7)</b>	
<b>Benchmarking Participants</b>							
Dubai, UAE	85 (1.4)	553 (2.4)	14 (1.4)	518 (7.3)	0 (0.0)	--	12.1 (0.08)
Madrid, Spain	75 (3.8)	528 (2.1)	22 (3.4)	510 (3.6)	3 (1.7)	473 (18.1)	11.0 (0.18)
Abu Dhabi, UAE	63 (2.0)	449 (4.3)	32 (2.1)	370 (6.8)	6 (1.3)	357 (17.0)	10.5 (0.10)
Moscow City, Russian Fed.	60 (4.3)	596 (2.6)	39 (4.3)	593 (4.0)	1 (0.7)	--	10.4 (0.16)
Ontario, Canada	52 (4.7)	536 (4.9)	38 (4.7)	522 (5.5)	10 (2.5)	497 (7.2)	10.1 (0.21)
Quebec, Canada	30 (4.0)	527 (3.7)	64 (4.4)	522 (3.3)	6 (2.4)	508 (6.4)	9.1 (0.13)

This TIMSS context questionnaire scale was established in 2011 based on the combined response distribution of all countries that participated in TIMSS 2011. 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 "s" indicates data are available for at least 50% but less than 70% of the students.

**Exhibit 8.9: Safe and Orderly School – Teachers’ Reports**

Students’ Results based on Teachers’ Reports

Country	Very Safe and Orderly		Somewhat Safe and Orderly		Less than Safe and Orderly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Kuwait	77 (3.3)	405 (5.2)	22 (3.3)	392 (10.5)	1 (0.5)	~ ~	11.5 (0.13)
Kazakhstan	74 (3.1)	486 (4.2)	26 (3.1)	487 (6.8)	0 (0.0)	~ ~	11.6 (0.12)
United Arab Emirates	72 (1.6)	491 (2.8)	25 (1.6)	432 (5.4)	2 (0.4)	~ ~	11.9 (0.06)
Romania	70 (3.4)	486 (5.6)	29 (3.5)	465 (8.3)	1 (0.6)	~ ~	11.5 (0.14)
Saudi Arabia	70 (3.5)	397 (2.9)	27 (3.4)	383 (4.7)	3 (1.5)	379 (19.7)	11.5 (0.16)
Georgia	65 (4.1)	465 (5.8)	34 (4.1)	456 (7.9)	0 (0.4)	~ ~	11.0 (0.12)
Qatar	64 (3.4)	451 (6.5)	32 (3.3)	429 (6.0)	4 (1.2)	441 (16.1)	11.2 (0.15)
Ireland	62 (2.8)	537 (3.6)	33 (2.6)	509 (4.2)	5 (1.3)	475 (19.2)	11.1 (0.13)
Egypt	61 (4.4)	421 (6.7)	36 (4.3)	405 (8.6)	3 (1.4)	356 (20.1)	10.9 (0.16)
Oman	61 (3.6)	417 (4.2)	39 (3.6)	403 (5.2)	0 (0.0)	~ ~	11.0 (0.12)
Iran, Islamic Rep. of	59 (2.9)	453 (5.2)	36 (2.7)	439 (8.0)	4 (1.4)	413 (18.6)	10.9 (0.13)
Australia	59 (3.0)	535 (5.9)	35 (2.9)	502 (6.4)	6 (1.7)	472 (19.9)	10.7 (0.14)
Singapore	58 (2.9)	621 (5.5)	38 (2.9)	610 (6.8)	5 (0.8)	599 (11.0)	11.1 (0.12)
England	57 (5.6)	532 (9.4)	35 (5.4)	505 (14.7)	8 (3.1)	519 (24.0)	10.7 (0.22)
Lithuania	55 (3.6)	524 (4.8)	43 (3.5)	517 (4.5)	2 (0.8)	~ ~	10.6 (0.14)
Israel	55 (2.9)	533 (7.5)	37 (3.0)	516 (9.1)	8 (1.8)	442 (15.6)	10.7 (0.14)
Hong Kong SAR	54 (4.1)	587 (7.3)	44 (4.0)	568 (7.2)	3 (1.3)	522 (24.4)	10.6 (0.15)
Norway (9)	53 (4.0)	511 (3.3)	43 (3.9)	498 (4.4)	4 (2.4)	493 (6.0)	10.4 (0.16)
Bahrain	53 (2.6)	486 (2.9)	44 (2.6)	477 (2.9)	4 (1.0)	455 (7.0)	10.8 (0.09)
Lebanon	48 (4.4)	444 (4.8)	48 (4.5)	419 (4.4)	4 (1.5)	372 (11.3)	10.4 (0.17)
Russian Federation	48 (3.1)	546 (5.8)	50 (3.0)	541 (5.2)	2 (0.9)	~ ~	10.5 (0.13)
Jordan	47 (4.4)	432 (7.3)	46 (4.4)	417 (5.6)	7 (2.3)	375 (11.3)	10.4 (0.17)
New Zealand	47 (3.5)	503 (5.2)	45 (3.1)	470 (6.1)	9 (2.0)	437 (9.7)	10.4 (0.15)
Morocco	45 (3.6)	398 (3.4)	42 (3.4)	381 (4.0)	12 (2.5)	382 (6.3)	9.9 (0.18)
Portugal	45 (3.7)	511 (4.9)	47 (4.0)	492 (5.3)	8 (2.5)	484 (12.7)	10.2 (0.17)
Hungary	43 (3.6)	533 (5.6)	52 (3.8)	504 (5.7)	5 (1.5)	465 (16.4)	10.2 (0.13)
Chinese Taipei	42 (3.5)	619 (4.5)	55 (3.6)	608 (3.9)	2 (1.1)	~ ~	10.2 (0.11)
Cyprus	38 (3.4)	521 (5.7)	47 (3.6)	501 (5.3)	15 (2.7)	481 (6.6)	9.8 (0.13)
United States	38 (2.6)	532 (6.5)	52 (2.7)	517 (6.1)	11 (1.5)	459 (10.3)	10.0 (0.11)
Turkey	38 (3.7)	508 (8.8)	52 (3.4)	494 (6.5)	10 (2.3)	465 (13.2)	10.0 (0.19)
Chile	31 (3.3)	468 (5.8)	51 (3.9)	439 (4.4)	18 (3.2)	399 (6.3)	9.4 (0.16)
Malaysia	30 (3.1)	477 (6.8)	66 (3.2)	453 (4.7)	4 (1.3)	468 (12.2)	9.6 (0.11)
France	29 (4.0)	496 (5.8)	54 (4.6)	483 (4.3)	16 (3.2)	454 (6.6)	9.5 (0.16)
Sweden	28 (2.7)	523 (5.0)	66 (3.1)	497 (3.2)	6 (2.0)	478 (12.2)	9.5 (0.08)
Korea, Rep. of	24 (2.9)	615 (6.1)	70 (3.3)	606 (3.4)	6 (2.0)	590 (8.9)	9.5 (0.15)
Finland	23 (2.6)	520 (4.2)	66 (2.6)	507 (3.1)	11 (2.0)	495 (6.7)	9.3 (0.12)
Italy	20 (3.3)	507 (5.7)	75 (3.5)	498 (3.3)	5 (1.7)	461 (9.6)	9.4 (0.12)
South Africa (9)	18 (2.0)	423 (7.7)	58 (2.9)	384 (3.1)	24 (2.6)	378 (4.5)	8.7 (0.12)
Japan	17 (2.6)	608 (8.1)	69 (3.2)	594 (3.3)	14 (2.5)	583 (4.5)	8.9 (0.11)
<b>International Average</b>	<b>48 (0.5)</b>	<b>501 (0.9)</b>	<b>45 (0.6)</b>	<b>482 (1.0)</b>	<b>6 (0.3)</b>	<b>460 (2.5)</b>	
<b>Benchmarking Participants</b>							
Dubai, UAE	75 (2.5)	547 (3.2)	23 (2.5)	509 (6.1)	2 (0.1)	~ ~	12.0 (0.12)
Abu Dhabi, UAE	63 (2.1)	467 (4.8)	33 (2.2)	381 (5.6)	4 (1.1)	371 (17.0)	11.3 (0.11)
Ontario, Canada	57 (3.9)	544 (6.6)	37 (3.9)	520 (5.0)	6 (2.1)	491 (10.5)	10.7 (0.20)
Moscow City, Russian Fed.	46 (4.1)	587 (5.9)	51 (4.1)	566 (5.2)	3 (1.3)	563 (16.8)	10.3 (0.14)
Quebec, Canada	35 (4.1)	557 (6.3)	57 (4.2)	538 (5.8)	7 (2.4)	511 (11.3)	9.8 (0.16)
Gauteng, RSA (9)	19 (2.6)	468 (8.8)	52 (4.1)	419 (4.7)	29 (4.2)	391 (4.2)	8.6 (0.16)
Western Cape, RSA (9)	18 (3.0)	521 (14.9)	50 (4.4)	437 (6.7)	32 (3.8)	401 (5.6)	8.5 (0.15)

This TIMSS context questionnaire scale was established in 2011 based on the combined response distribution of all countries that participated in TIMSS 2011. 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 "s" indicates data are available for at least 50% but less than 70% of the students.

## Exhibit 8.10: Safe and Orderly School – Teachers' Reports

Students' Results based on Teachers' Reports

Country	Very Safe and Orderly		Somewhat Safe and Orderly		Less than Safe and Orderly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Romania	79 (2.4)	477 (4.8)	20 (2.3)	453 (6.0)	1 (0.7)	--	11.9 (0.11)
Kuwait	75 (3.6)	446 (6.1)	25 (3.7)	439 (10.9)	0 (0.3)	--	11.5 (0.15)
United Arab Emirates	73 (1.2)	493 (3.1)	24 (1.3)	429 (6.5)	3 (0.4)	338 (14.0)	11.7 (0.06)
Qatar	70 (4.1)	477 (5.9)	27 (4.1)	468 (8.5)	3 (1.2)	477 (18.3)	11.4 (0.16)
Saudi Arabia	69 (3.7)	440 (3.0)	28 (3.5)	415 (6.6)	3 (1.4)	406 (20.9)	11.3 (0.17)
Singapore	68 (2.7)	613 (4.5)	29 (2.8)	594 (7.9)	2 (0.7)	--	11.4 (0.12)
Kazakhstan	68 (1.9)	482 (3.6)	32 (1.8)	470 (4.5)	1 (0.5)	--	11.4 (0.09)
Georgia	67 (2.9)	450 (4.3)	32 (2.8)	441 (4.5)	1 (0.6)	--	11.1 (0.10)
Egypt	64 (4.0)	396 (7.1)	33 (3.8)	383 (9.5)	2 (1.2)	--	11.1 (0.17)
Ireland	62 (3.4)	539 (3.3)	30 (3.3)	516 (6.9)	8 (1.9)	485 (10.2)	11.1 (0.17)
Iran, Islamic Rep. of	62 (3.3)	457 (4.6)	31 (2.9)	443 (6.4)	7 (1.7)	413 (6.7)	10.9 (0.15)
Oman	60 (3.6)	469 (4.5)	37 (3.6)	442 (5.9)	2 (1.0)	--	10.8 (0.10)
Norway (9)	r 58 (3.6)	505 (3.7)	37 (3.5)	489 (5.2)	4 (2.4)	476 (14.4)	10.5 (0.15)
Hong Kong SAR	56 (4.2)	514 (8.3)	43 (4.1)	494 (8.6)	1 (0.8)	--	11.0 (0.15)
Israel	56 (2.7)	520 (6.3)	39 (3.1)	514 (8.4)	5 (1.7)	455 (25.5)	10.6 (0.13)
Australia	r 54 (3.4)	547 (5.4)	37 (3.2)	518 (4.6)	10 (2.0)	509 (10.6)	10.6 (0.15)
Russian Federation	53 (2.6)	548 (3.8)	44 (2.4)	538 (5.3)	3 (0.8)	533 (8.0)	10.6 (0.08)
Lithuania	52 (2.5)	538 (3.4)	45 (2.3)	528 (3.2)	4 (0.9)	522 (9.1)	10.5 (0.10)
Jordan	49 (3.9)	466 (4.7)	45 (4.2)	440 (8.2)	6 (1.7)	429 (18.9)	10.4 (0.16)
New Zealand	49 (3.6)	516 (6.0)	44 (3.3)	487 (4.9)	7 (1.8)	481 (13.9)	10.4 (0.17)
Bahrain	49 (3.1)	498 (4.0)	48 (3.3)	478 (3.9)	3 (1.5)	439 (19.8)	10.5 (0.10)
Lebanon	47 (3.4)	401 (6.5)	48 (3.4)	356 (6.2)	5 (1.3)	347 (15.7)	10.4 (0.14)
Turkey	47 (3.7)	534 (6.1)	45 (3.7)	504 (6.2)	8 (2.2)	471 (13.5)	10.3 (0.16)
Portugal	46 (3.0)	527 (3.5)	47 (2.9)	515 (3.8)	7 (1.6)	500 (8.6)	10.2 (0.12)
England	s 45 (4.8)	532 (9.4)	49 (4.8)	518 (11.3)	7 (2.7)	512 (16.9)	10.5 (0.23)
Cyprus	s 44 (2.0)	496 (3.4)	44 (2.5)	484 (3.3)	12 (1.6)	465 (6.9)	10.0 (0.09)
Chinese Taipei	43 (3.4)	583 (3.7)	50 (3.5)	566 (2.9)	6 (1.8)	581 (9.1)	10.2 (0.14)
Hungary	43 (2.6)	541 (3.7)	52 (2.4)	523 (3.5)	5 (1.1)	473 (11.3)	10.2 (0.10)
Morocco	42 (2.5)	400 (5.1)	45 (2.4)	390 (4.2)	13 (1.9)	398 (4.7)	9.9 (0.11)
United States	34 (2.3)	545 (6.4)	49 (2.6)	528 (7.8)	16 (2.1)	471 (10.4)	9.6 (0.12)
Korea, Rep. of	33 (3.6)	565 (3.7)	62 (3.9)	560 (2.5)	6 (1.9)	543 (10.8)	9.7 (0.16)
Malaysia	32 (3.0)	483 (7.2)	63 (3.0)	449 (5.1)	4 (1.6)	446 (27.3)	9.8 (0.12)
Sweden	29 (2.7)	545 (5.8)	64 (3.2)	513 (3.6)	7 (2.1)	500 (22.4)	9.6 (0.12)
France	r 26 (2.8)	508 (4.1)	64 (2.8)	486 (3.2)	10 (1.7)	448 (7.2)	9.4 (0.13)
Chile	26 (3.3)	486 (5.8)	59 (4.1)	463 (4.2)	16 (2.9)	431 (7.2)	9.2 (0.14)
South Africa (9)	24 (2.8)	390 (10.7)	51 (2.9)	371 (5.1)	25 (2.1)	350 (4.7)	8.9 (0.12)
Italy	20 (3.4)	505 (4.6)	76 (3.4)	502 (3.2)	4 (1.2)	464 (10.2)	9.3 (0.12)
Finland	20 (2.0)	555 (4.9)	67 (2.2)	542 (2.9)	13 (1.7)	526 (7.2)	9.2 (0.09)
Japan	13 (2.7)	566 (3.9)	77 (3.4)	572 (2.7)	11 (2.3)	558 (4.8)	8.9 (0.11)
<b>International Average</b>	<b>49 (0.5)</b>	<b>501 (0.9)</b>	<b>45 (0.5)</b>	<b>483 (1.0)</b>	<b>6 (0.3)</b>	<b>466 (2.5)</b>	
<b>Benchmarking Participants</b>							
Dubai, UAE	79 (2.0)	556 (3.4)	20 (2.1)	530 (6.8)	1 (0.4)	--	12.1 (0.09)
Abu Dhabi, UAE	61 (2.7)	452 (5.9)	33 (2.5)	375 (8.9)	6 (0.8)	302 (15.8)	11.2 (0.11)
Ontario, Canada	s 50 (5.6)	537 (6.6)	42 (5.8)	507 (6.5)	9 (2.8)	505 (8.3)	10.6 (0.27)
Moscow City, Russian Fed.	45 (2.2)	571 (3.3)	51 (2.1)	564 (3.1)	4 (1.0)	546 (8.1)	10.3 (0.09)
Gauteng, RSA (9)	23 (3.6)	467 (12.5)	51 (4.7)	421 (6.5)	26 (3.7)	385 (6.3)	8.8 (0.16)
Western Cape, RSA (9)	20 (3.0)	558 (13.9)	47 (4.6)	431 (8.2)	33 (3.9)	382 (6.2)	8.4 (0.16)
Quebec, Canada	y --	--	--	--	--	--	--

This TIMSS context questionnaire scale was established in 2011 based on the combined response distribution of all countries that participated in TIMSS 2011. 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.

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A "y" indicates data are available for less than 40% of the students.