

Exhibit 7.2: Safe and Orderly School – Teachers’ Reports

To develop the *Safe and Orderly School* scale, PIRLS 2016 asked teachers about their degree of agreement with eight statements such as “I feel safe at this school” and “This school has clear rules about student conduct.” Exhibit 7.2 presents the percentages of students in schools categorized according to teachers’ judgments about safety. There was considerable variation, but on average, most fourth grade students (62%) were in schools judged by their teachers to be **Very Safe and Orderly** and nearly all the rest (35%) were in schools judged **Somewhat Safe and Orderly**. Only 3 percent, on average, were attending schools felt to be **Less than Safe and Orderly**. There was a direct positive association between safe and orderly schools and average reading achievement (517, 502, and 466, respectively).

Teachers’ reports indicate that schools may be safer in 2016 than they were in 2011. Average scores on the *Safe and Orderly School* scale increased in 16 countries and only decreased in 1 country.

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Students Categorized by Teachers' Reports

Students were scored according to their teachers' degree of agreement with eight statements on the *Safe and Orderly School* scale. Students in **Very Safe and Orderly** schools had a score on the scale of at least 9.9, which corresponds to their teachers "agreeing a lot" with four of the eight qualities of a safe and orderly school and "agreeing a little" with the other four, on average. Students in **Less than Safe and Orderly** schools had a score no higher than 6.6, which corresponds to their teachers "disagreeing a little" with four of the eight qualities and "agreeing a little" with the other four, on average. All other students attended **Somewhat Safe and Orderly** schools.

Country	Very Safe and Orderly		Somewhat Safe and Orderly		Less than Safe and Orderly		Average Scale Score	Difference in Average Scale Score from 2011	
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement			
Kazakhstan	92 (2.2)	536 (2.5)	8 (2.2)	537 (9.5)	0 (0.0)	~ ~	12.4 (0.10)	--	
Georgia	88 (2.3)	491 (3.2)	12 (2.3)	479 (8.0)	0 (0.0)	~ ~	11.7 (0.11)	0.6 (0.17)	▲
Azerbaijan	84 (2.7)	473 (4.7)	16 (2.7)	471 (7.9)	1 (0.4)	~ ~	11.5 (0.13)	0.2 (0.18)	
Northern Ireland	83 (3.0)	567 (2.6)	16 (3.1)	547 (7.3)	1 (0.9)	~ ~	12.1 (0.14)	r 0.7 (0.19)	▲
England	82 (2.7)	562 (2.4)	17 (2.7)	543 (4.4)	0 (0.5)	~ ~	11.5 (0.12)	0.7 (0.18)	▲
Israel	80 (2.9)	531 (3.0)	17 (2.9)	532 (9.4)	2 (1.2)	~ ~	11.2 (0.16)	0.2 (0.22)	
Norway (5)	80 (2.8)	562 (2.4)	19 (2.6)	549 (5.5)	1 (0.8)	~ ~	11.3 (0.14)	--	
Qatar	80 (1.9)	444 (2.6)	19 (1.9)	432 (9.5)	1 (0.5)	~ ~	11.4 (0.09)	0.8 (0.16)	▲
Ireland	79 (2.9)	570 (3.0)	19 (2.8)	555 (4.8)	2 (1.0)	~ ~	11.6 (0.15)	0.4 (0.21)	
Australia	78 (3.0)	551 (2.9)	20 (3.0)	526 (5.9)	2 (0.6)	~ ~	11.4 (0.14)	r 0.4 (0.21)	
Netherlands	78 (3.6)	549 (2.2)	21 (3.7)	535 (4.5)	1 (1.1)	~ ~	11.1 (0.13)	0.3 (0.20)	
New Zealand	77 (2.4)	536 (2.4)	21 (2.3)	497 (6.1)	2 (0.8)	~ ~	11.4 (0.12)	0.5 (0.17)	▲
Oman	76 (2.7)	421 (3.7)	23 (2.7)	411 (7.4)	0 (0.2)	~ ~	11.0 (0.11)	1.0 (0.14)	▲
Spain	76 (3.1)	532 (1.8)	23 (3.0)	517 (4.0)	2 (0.8)	~ ~	11.2 (0.13)	1.7 (0.20)	▲
Macao SAR	75 (0.1)	548 (1.2)	23 (0.1)	535 (2.2)	2 (0.0)	~ ~	10.9 (0.00)	--	
Portugal	72 (3.4)	532 (2.8)	26 (3.3)	519 (3.6)	2 (0.9)	~ ~	10.9 (0.13)	1.4 (0.23)	▲
Kuwait	71 (3.8)	398 (5.0)	29 (3.8)	387 (9.2)	0 (0.1)	~ ~	10.7 (0.16)	--	
United Arab Emirates	71 (2.1)	469 (3.9)	28 (2.0)	411 (5.6)	1 (0.7)	~ ~	11.0 (0.09)	0.2 (0.12)	
Bulgaria	68 (3.7)	563 (4.7)	31 (3.6)	530 (8.4)	1 (0.6)	~ ~	10.3 (0.13)	0.4 (0.19)	
Saudi Arabia	68 (3.6)	439 (4.6)	29 (3.5)	414 (10.9)	3 (1.3)	385 (13.1)	10.8 (0.14)	0.7 (0.20)	▲
Singapore	67 (2.1)	578 (4.1)	30 (2.1)	573 (5.5)	2 (0.6)	~ ~	10.8 (0.09)	0.5 (0.13)	▲
Iran, Islamic Rep. of	66 (3.8)	433 (4.9)	30 (3.7)	417 (10.1)	4 (1.4)	425 (35.4)	10.6 (0.14)	0.4 (0.20)	
Egypt	63 (4.1)	340 (7.3)	35 (4.0)	313 (10.4)	2 (1.0)	~ ~	10.5 (0.16)	--	
Hong Kong SAR	63 (4.5)	571 (3.6)	36 (4.6)	565 (4.7)	1 (0.9)	~ ~	10.5 (0.17)	0.6 (0.24)	
Bahrain	62 (3.2)	460 (3.2)	34 (3.2)	422 (5.2)	3 (1.4)	420 (16.2)	10.7 (0.13)	--	
United States	62 (3.9)	563 (3.3)	30 (3.6)	531 (7.1)	8 (2.1)	517 (8.8)	10.3 (0.19)	0.0 (0.21)	
Austria	62 (4.0)	547 (2.7)	36 (3.9)	532 (4.0)	1 (0.7)	~ ~	10.3 (0.13)	0.4 (0.18)	
Canada	62 (2.3)	548 (2.1)	36 (2.2)	538 (2.7)	3 (0.8)	497 (16.8)	10.6 (0.11)	0.2 (0.17)	
Lithuania	60 (3.8)	550 (2.7)	40 (3.8)	549 (4.4)	1 (0.8)	~ ~	10.2 (0.13)	0.6 (0.18)	▲
Russian Federation	59 (3.2)	581 (3.2)	40 (3.3)	580 (4.0)	1 (0.7)	~ ~	10.2 (0.12)	0.5 (0.21)	
Slovak Republic	58 (3.1)	542 (3.8)	38 (3.2)	530 (5.0)	3 (1.1)	472 (34.4)	10.0 (0.11)	0.7 (0.13)	▲
Poland	57 (4.3)	566 (3.1)	42 (4.3)	562 (3.1)	1 (0.5)	~ ~	10.0 (0.13)	--	
Denmark	56 (4.0)	554 (2.9)	40 (3.9)	539 (3.2)	4 (1.5)	546 (8.2)	10.1 (0.16)	-0.4 (0.20)	
Latvia	56 (3.8)	559 (2.6)	43 (3.9)	556 (3.0)	1 (0.8)	~ ~	9.8 (0.11)	--	
Czech Republic	53 (3.2)	548 (2.4)	45 (3.3)	541 (3.2)	2 (0.9)	~ ~	9.8 (0.10)	0.3 (0.16)	
Chile	52 (4.4)	510 (4.4)	41 (4.4)	491 (4.1)	7 (2.5)	435 (11.3)	10.0 (0.20)	--	
Hungary	51 (3.9)	563 (4.8)	46 (4.0)	548 (4.5)	3 (1.5)	497 (18.2)	9.7 (0.13)	0.0 (0.18)	
Germany	48 (3.8)	554 (3.2)	48 (3.7)	524 (5.8)	4 (1.7)	461 (29.5)	9.8 (0.13)	0.2 (0.17)	
Morocco	48 (3.3)	385 (5.9)	43 (3.3)	333 (5.5)	9 (1.8)	333 (7.9)	9.8 (0.15)	1.2 (0.21)	▲
Sweden	47 (3.9)	564 (3.4)	49 (3.8)	551 (3.0)	4 (1.3)	512 (12.4)	9.9 (0.16)	0.4 (0.22)	
South Africa	r 47 (3.7)	326 (8.2)	43 (3.7)	319 (8.2)	11 (1.9)	314 (13.9)	9.6 (0.16)	r 0.6 (0.20)	▲
Chinese Taipei	46 (4.2)	554 (2.8)	52 (4.2)	563 (2.7)	2 (1.0)	~ ~	9.7 (0.15)	0.8 (0.21)	▲
Belgium (Flemish)	45 (3.8)	533 (2.3)	52 (3.7)	521 (3.1)	3 (1.1)	488 (12.0)	9.5 (0.12)	--	
Malta	44 (0.1)	459 (2.5)	47 (0.2)	449 (2.2)	9 (0.1)	436 (5.6)	9.6 (0.01)	r -0.4 (0.01)	▼
Belgium (French)	40 (3.7)	507 (3.7)	51 (3.8)	496 (3.7)	9 (2.0)	466 (10.0)	9.2 (0.14)	0.4 (0.22)	
Finland	40 (3.5)	569 (2.7)	52 (3.5)	565 (2.7)	7 (1.6)	559 (4.9)	9.4 (0.11)	0.2 (0.17)	
France	40 (3.2)	521 (4.2)	57 (3.4)	507 (3.2)	4 (1.1)	482 (7.2)	9.5 (0.13)	0.1 (0.17)	
Trinidad and Tobago	38 (4.1)	493 (6.6)	48 (4.0)	474 (4.8)	14 (2.4)	464 (11.7)	9.1 (0.19)	0.7 (0.27)	▲
Slovenia	21 (3.1)	545 (4.2)	71 (3.3)	540 (2.1)	8 (1.8)	555 (5.6)	8.7 (0.13)	-0.1 (0.17)	
Italy	20 (3.0)	556 (4.0)	76 (3.3)	548 (2.9)	4 (1.3)	523 (13.4)	8.8 (0.11)	0.2 (0.14)	
International Avg.	62 (0.5)	517 (0.5)	35 (0.5)	502 (0.8)	3 (0.2)	466 (3.6)			

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

This PIRLS questionnaire scale was established in 2011 based on the combined response distribution of all countries that participated in PIRLS 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 dash (-) indicates comparable data not available. 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.

Significantly higher than 2011 ▲
Significantly lower than 2011 ▼

Exhibit 7.2: Safe and Orderly School – Teachers' Reports (Continued)

Country	Very Safe and Orderly		Somewhat Safe and Orderly		Less than Safe and Orderly		Average Scale Score	Difference in Average Scale Score from 2011
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement		
Benchmarking Participants								
Andalusia, Spain	81 (2.9)	530 (2.0)	15 (2.9)	502 (8.1)	4 (1.5)	488 (7.9)	11.3 (0.16)	2.0 (0.23) ▲
Dubai, UAE	78 (2.1)	529 (2.5)	21 (2.1)	474 (6.7)	1 (0.3)	~ ~	11.4 (0.09)	0.2 (0.12)
Madrid, Spain	78 (3.5)	553 (2.3)	22 (3.5)	536 (3.7)	0 (0.0)	~ ~	11.4 (0.17)	- -
Norway (4)	72 (3.5)	517 (2.4)	27 (3.4)	516 (3.8)	2 (1.0)	~ ~	10.8 (0.14)	0.3 (0.21)
Buenos Aires, Argentina	67 (3.1)	491 (3.9)	28 (3.2)	457 (6.7)	4 (1.6)	446 (18.1)	10.5 (0.15)	- -
Abu Dhabi, UAE	64 (3.8)	430 (6.2)	35 (3.8)	390 (9.3)	1 (0.7)	~ ~	10.5 (0.15)	-0.2 (0.21)
Ontario, Canada	62 (4.1)	552 (3.7)	33 (4.1)	534 (5.0)	5 (1.7)	512 (16.3)	10.5 (0.19)	0.5 (0.27)
Moscow City, Russian Fed.	60 (3.9)	612 (3.1)	39 (4.0)	614 (3.2)	2 (1.0)	~ ~	10.2 (0.14)	- -
Eng/Afr/Zulu - RSA (5)	55 (6.1)	419 (11.5)	37 (5.7)	400 (9.8)	8 (3.6)	437 (33.7)	10.0 (0.31)	- -
Denmark (3)	51 (3.6)	505 (3.7)	45 (3.6)	496 (4.0)	3 (1.5)	508 (17.5)	10.0 (0.15)	- -
Quebec, Canada	44 (4.8)	547 (4.4)	56 (4.8)	547 (3.6)	0 (0.1)	~ ~	9.8 (0.17)	0.1 (0.24)

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

Significantly higher than 2011 ▲
Significantly lower than 2011 ▼

