

Exhibit 7.1: School Discipline Problems – Principals' Reports

Reported by Principals

Students were scored according to their principals' responses concerning ten potential school problems on the *School Discipline Problems* scale. Students in schools with **Hardly Any Problems** had a score on the scale of at least 9.7, which corresponds to their principals reporting "not a problem" for five of the ten issues and "minor problem" for the other five, on average. Students in schools with **Moderate to Severe Problems** had a score no higher than 7.6, which corresponds to their principals reporting "moderate problem" for five of the ten issues and "minor problem" for the other five, on average. All other students attended schools with **Minor Problems**.

Country	Hardly Any Problems		Minor Problems		Moderate to Severe Problems		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		
Ireland	84 (3.3)	552 (2.6)	14 (3.1)	531 (7.3)	2 (1.2)	~ ~	10.9 (0.11)	-0.2 (0.17)
Netherlands	83 (4.1)	536 (2.2)	17 (4.1)	529 (3.8)	0 (0.0)	~ ~	11.1 (0.13)	-0.2 (0.20)
Korea, Rep. of	81 (3.4)	608 (2.5)	14 (3.0)	613 (5.1)	5 (1.8)	591 (9.4)	11.3 (0.16)	0.4 (0.22)
Lithuania	79 (3.4)	536 (2.7)	20 (3.4)	532 (9.4)	1 (1.0)	~ ~	10.6 (0.10)	0.1 (0.16)
England	78 (3.7)	553 (3.6)	21 (3.6)	524 (6.7)	1 (0.8)	~ ~	10.9 (0.11)	0.3 (0.16)
Northern Ireland	78 (4.0)	575 (3.6)	22 (4.0)	552 (8.8)	0 (0.0)	~ ~	10.8 (0.13)	-0.2 (0.19)
Croatia	76 (4.1)	503 (2.1)	24 (4.1)	501 (4.5)	0 (0.0)	~ ~	10.7 (0.14)	0.3 (0.18)
Japan	74 (3.2)	595 (2.1)	20 (3.0)	589 (4.2)	6 (2.0)	589 (7.8)	10.4 (0.14)	-0.1 (0.18)
Norway (5)	74 (4.3)	553 (3.0)	25 (4.2)	537 (4.9)	1 (0.8)	~ ~	10.7 (0.13)	0 0
Bulgaria	72 (4.2)	535 (4.6)	20 (3.8)	491 (10.0)	8 (2.9)	514 (33.2)	10.4 (0.18)	0 0
Singapore	72 (0.0)	620 (4.9)	28 (0.0)	615 (8.0)	0 (0.0)	~ ~	10.7 (0.00)	0.0 (0.00)
Kazakhstan	71 (3.9)	544 (5.5)	13 (2.7)	559 (14.8)	15 (2.8)	536 (9.7)	10.3 (0.21)	-0.9 (0.24)
New Zealand	71 (2.8)	506 (3.2)	28 (2.9)	462 (6.4)	1 (0.8)	~ ~	10.5 (0.08)	-0.1 (0.15)
Hong Kong SAR	71 (4.6)	617 (4.0)	29 (4.6)	610 (7.7)	0 (0.0)	~ ~	10.5 (0.13)	-0.8 (0.17)
Georgia	70 (3.9)	468 (4.3)	22 (3.5)	441 (7.7)	8 (2.6)	491 (24.2)	10.4 (0.19)	-0.3 (0.24)
Spain	70 (3.4)	512 (2.9)	22 (3.0)	489 (5.8)	8 (1.5)	489 (9.3)	10.3 (0.13)	-0.5 (0.21)
Chinese Taipei	70 (4.1)	600 (2.2)	28 (3.8)	591 (4.2)	3 (1.6)	573 (16.4)	10.6 (0.14)	-0.7 (0.20)
United States	69 (3.3)	549 (3.3)	29 (3.3)	521 (5.0)	3 (0.9)	475 (10.2)	10.3 (0.10)	0.0 (0.14)
Finland	68 (3.8)	538 (2.5)	31 (3.7)	529 (3.0)	1 (1.0)	~ ~	10.3 (0.11)	0.1 (0.16)
Belgium (Flemish)	68 (3.6)	553 (2.3)	31 (3.8)	535 (5.7)	1 (1.1)	~ ~	10.5 (0.12)	0.1 (0.18)
Russian Federation	67 (3.9)	566 (4.6)	32 (3.9)	560 (6.4)	0 (0.4)	~ ~	10.2 (0.09)	0.0 (0.13)
Canada	66 (3.1)	518 (2.6)	31 (2.9)	497 (4.6)	2 (1.0)	~ ~	10.2 (0.10)	0 0
Czech Republic	65 (3.6)	529 (2.9)	31 (3.5)	528 (4.3)	4 (1.8)	506 (18.7)	10.1 (0.10)	0.0 (0.15)
Iran, Islamic Rep. of	65 (3.5)	436 (5.0)	26 (3.3)	438 (6.3)	9 (2.4)	383 (17.6)	10.0 (0.13)	-0.7 (0.17)
Australia	64 (3.4)	530 (3.5)	30 (3.4)	506 (5.4)	6 (3.1)	446 (5.9)	10.2 (0.12)	-0.2 (0.17)
Qatar	63 (3.0)	444 (5.0)	26 (2.8)	428 (8.1)	11 (1.8)	434 (9.7)	10.0 (0.12)	0.0 (0.19)
Slovak Republic	63 (3.6)	510 (3.2)	32 (3.4)	484 (5.1)	5 (1.7)	444 (18.9)	10.0 (0.10)	0.1 (0.16)
United Arab Emirates	61 (2.4)	467 (3.5)	31 (2.5)	426 (4.9)	8 (1.2)	396 (9.6)	10.1 (0.07)	0.2 (0.13)
Italy	60 (4.5)	508 (3.7)	25 (3.7)	504 (5.4)	15 (3.0)	509 (7.9)	9.6 (0.16)	0.1 (0.22)
Bahrain	59 (0.2)	456 (1.8)	26 (0.2)	446 (2.6)	14 (0.1)	427 (7.3)	9.7 (0.01)	-0.4 (0.31)
France	58 (4.6)	497 (4.1)	33 (4.3)	480 (4.5)	9 (2.7)	454 (12.1)	9.9 (0.15)	0 0
Serbia	56 (4.3)	519 (5.0)	35 (3.8)	521 (4.8)	9 (2.0)	499 (13.2)	9.8 (0.15)	0.1 (0.23)
Hungary	55 (3.7)	541 (4.5)	37 (3.6)	524 (5.3)	8 (1.7)	471 (20.7)	9.8 (0.11)	0.1 (0.17)
Denmark	53 (4.3)	548 (3.8)	45 (4.4)	533 (4.5)	1 (1.0)	~ ~	9.9 (0.11)	-0.2 (0.14)
Slovenia	52 (4.3)	521 (2.5)	45 (4.5)	520 (3.2)	3 (1.3)	540 (5.2)	9.8 (0.13)	-0.2 (0.18)
Poland	52 (3.6)	534 (2.7)	45 (3.8)	537 (3.6)	3 (1.4)	528 (16.0)	9.8 (0.09)	0 0
Cyprus	50 (4.8)	530 (3.6)	42 (4.5)	517 (4.6)	8 (2.6)	514 (6.7)	9.7 (0.17)	0 0
Sweden	49 (4.1)	531 (3.5)	40 (4.0)	514 (3.6)	10 (2.6)	481 (13.8)	9.4 (0.11)	-0.3 (0.17)
Saudi Arabia	49 (3.9)	388 (5.2)	26 (3.1)	377 (9.1)	25 (3.4)	382 (10.4)	9.2 (0.19)	0.1 (0.26)
Chile	46 (4.0)	470 (4.1)	47 (4.3)	452 (5.5)	6 (2.2)	437 (15.5)	9.6 (0.11)	0.4 (0.18)
Turkey	44 (3.5)	506 (4.8)	29 (3.2)	464 (7.9)	26 (2.9)	465 (7.5)	8.8 (0.15)	-0.2 (0.21)
Portugal	43 (4.5)	546 (3.6)	46 (4.7)	538 (4.2)	11 (2.6)	541 (7.1)	9.4 (0.15)	-0.9 (0.23)
Germany	39 (3.8)	531 (3.3)	50 (3.7)	517 (2.7)	10 (2.4)	501 (10.6)	9.2 (0.10)	-0.3 (0.13)
Jordan	36 (4.0)	411 (6.0)	40 (3.9)	375 (6.7)	24 (3.2)	376 (9.0)	9.0 (0.17)	0 0
Oman	34 (3.4)	426 (6.0)	36 (3.0)	419 (4.8)	29 (2.8)	434 (4.8)	8.6 (0.15)	0.2 (0.21)
Kuwait	25 (3.9)	373 (8.3)	40 (4.4)	344 (7.0)	35 (3.5)	342 (10.3)	8.3 (0.19)	0 0
South Africa (5)	23 (3.1)	406 (13.6)	56 (3.5)	369 (5.4)	22 (3.1)	365 (8.3)	8.7 (0.11)	0 0
Morocco	21 (3.0)	394 (8.7)	30 (3.0)	367 (6.8)	49 (3.2)	377 (4.4)	7.7 (0.16)	0.5 (0.21)
Indonesia	18 (2.9)	407 (9.9)	28 (3.3)	408 (6.6)	54 (3.6)	389 (5.9)	7.4 (0.16)	0 0
International Avg.	60 (0.5)	512 (0.7)	31 (0.5)	497 (0.9)	10 (0.3)	468 (2.3)		

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

Significantly higher than 2011 ●
Significantly lower than 2011 ▼

This TIMSS 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 diamond (0) indicates the country did not participate in the 2011 assessment.

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 7.1: School Discipline Problems – Principals' Reports (Continued)

Country	Hardly Any Problems		Minor Problems		Moderate to Severe Problems		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								
Dubai, UAE	83 (0.2)	520 (1.6)	14 (0.2)	466 (2.6)	3 (0.1)	401 (5.8)	11.0 (0.01)	0.4 (0.01) ⬆
Quebec, Canada	77 (4.8)	542 (4.3)	23 (4.8)	520 (6.6)	0 (0.0)	~ ~	10.7 (0.18)	0.7 (0.22) ⬆
Norway (4)	72 (4.6)	494 (2.4)	26 (4.3)	496 (4.7)	2 (1.6)	~ ~	10.6 (0.14)	0.7 (0.19) ⬆
Ontario, Canada	58 (5.5)	518 (3.3)	38 (5.3)	503 (3.5)	4 (1.7)	484 (12.5)	9.9 (0.16)	-0.5 (0.21)
Florida, US	57 (8.1)	553 (7.5)	39 (8.3)	543 (7.3)	4 (2.8)	480 (11.9)	10.0 (0.22)	-0.3 (0.30)
Buenos Aires, Argentina	53 (5.7)	448 (5.0)	35 (5.5)	420 (7.1)	13 (3.8)	421 (18.1)	9.5 (0.16)	◇ ◇
Abu Dhabi, UAE	51 (4.6)	423 (8.7)	41 (4.7)	409 (8.6)	8 (2.5)	381 (22.6)	9.8 (0.13)	-0.1 (0.22)

Significantly higher than 2011 ⬆
 Significantly lower than 2011 ⬇

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

