

Exhibit 6.1: Parents' Perceptions of School Performance

Reported by Parents

Students were scored on the *Parents' Perceptions of School Performance* scale according to their parents' responses to eight statements about the school. Students whose parents are **Very Satisfied** had a score on the scale of at least 9.7, which corresponds to their parents "agreeing a lot" with four of the eight statements and "agreeing a little" with the other four, on average. Students whose parents are **Less than Satisfied** had a score no higher than 6.7, which corresponds to their parents "disagreeing a little" with four of the eight statements and "agreeing a little" with the other four, on average. All other students had parents who were **Satisfied**.

Country	Very Satisfied		Satisfied		Less than Satisfied		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Kazakhstan	91 (0.8)	546 (4.6)	8 (0.7)	539 (8.7)	1 (0.2)	~ ~	11.7 (0.04)
Indonesia	90 (0.8)	399 (3.6)	10 (0.8)	394 (7.8)	1 (0.1)	~ ~	11.4 (0.05)
Northern Ireland	s 81 (1.4)	584 (4.1)	16 (1.3)	590 (5.9)	3 (0.6)	581 (15.5)	11.0 (0.07)
South Africa (5)	80 (0.9)	384 (3.5)	17 (0.8)	361 (5.5)	2 (0.2)	~ ~	11.0 (0.04)
Ireland	80 (1.2)	550 (2.4)	18 (1.0)	553 (3.2)	2 (0.4)	~ ~	10.9 (0.06)
Bulgaria	76 (1.2)	526 (5.4)	20 (1.0)	525 (6.7)	4 (0.4)	521 (9.5)	10.8 (0.06)
Turkey	75 (1.1)	483 (3.5)	21 (0.8)	487 (4.4)	4 (0.4)	488 (7.8)	10.7 (0.05)
Oman	73 (0.7)	434 (2.8)	24 (0.7)	412 (3.5)	3 (0.2)	377 (8.2)	10.6 (0.03)
Georgia	70 (1.2)	466 (3.6)	28 (1.2)	461 (5.2)	1 (0.2)	~ ~	10.6 (0.05)
Portugal	68 (1.2)	546 (2.3)	28 (1.0)	536 (3.4)	4 (0.4)	524 (6.7)	10.4 (0.05)
Lithuania	68 (1.1)	540 (2.8)	29 (1.0)	537 (3.6)	3 (0.4)	530 (10.0)	10.3 (0.05)
Spain	67 (1.4)	510 (2.3)	28 (1.2)	509 (2.7)	5 (0.5)	495 (6.4)	10.4 (0.06)
Chile	r 67 (1.5)	465 (2.8)	28 (1.3)	464 (3.5)	5 (0.5)	449 (6.8)	10.3 (0.07)
Bahrain	66 (0.7)	462 (1.7)	28 (0.6)	441 (3.4)	5 (0.3)	424 (4.5)	10.3 (0.03)
Saudi Arabia	66 (1.3)	389 (3.8)	28 (1.1)	375 (5.5)	6 (0.5)	388 (9.4)	10.4 (0.06)
Serbia	66 (1.3)	514 (4.4)	27 (1.0)	530 (3.9)	8 (0.6)	517 (6.4)	10.3 (0.06)
Morocco	65 (1.3)	389 (3.7)	29 (1.1)	367 (4.9)	5 (0.6)	337 (8.9)	10.2 (0.06)
Qatar	r 65 (1.2)	454 (3.9)	29 (1.1)	438 (4.0)	6 (0.4)	406 (9.1)	10.3 (0.05)
Italy	64 (1.3)	510 (2.9)	30 (1.1)	510 (3.1)	5 (0.5)	491 (6.3)	10.2 (0.06)
Cyprus	64 (1.3)	526 (2.6)	30 (1.0)	529 (4.0)	6 (0.5)	520 (7.7)	10.1 (0.05)
Iran, Islamic Rep. of	64 (1.0)	432 (3.6)	32 (0.9)	431 (4.5)	4 (0.4)	438 (8.7)	10.1 (0.04)
New Zealand	s 63 (1.2)	514 (3.0)	32 (1.1)	511 (3.6)	6 (0.5)	484 (9.7)	10.1 (0.05)
Slovak Republic	62 (1.1)	496 (3.1)	34 (1.0)	508 (2.7)	4 (0.4)	500 (7.0)	10.2 (0.05)
Canada	r 60 (1.0)	518 (2.1)	36 (0.8)	521 (2.7)	5 (0.3)	501 (5.3)	10.1 (0.04)
Hungary	59 (1.1)	533 (3.3)	35 (1.0)	527 (4.3)	6 (0.5)	512 (7.5)	10.0 (0.05)
Jordan	59 (1.3)	403 (4.3)	30 (0.9)	383 (3.7)	11 (0.7)	348 (6.7)	9.9 (0.07)
Kuwait	r 58 (1.3)	364 (4.9)	32 (1.0)	355 (5.4)	10 (0.6)	342 (7.4)	9.9 (0.06)
Singapore	58 (0.8)	623 (4.0)	37 (0.7)	616 (3.7)	5 (0.3)	590 (7.4)	10.0 (0.03)
United Arab Emirates	56 (0.7)	469 (2.7)	38 (0.7)	439 (2.9)	6 (0.2)	419 (5.0)	10.0 (0.03)
Hong Kong SAR	55 (1.4)	622 (3.4)	40 (1.1)	611 (3.4)	5 (0.6)	592 (7.4)	9.9 (0.06)
Finland	54 (1.2)	537 (2.3)	42 (1.1)	538 (2.3)	4 (0.5)	536 (8.7)	9.8 (0.05)
Russian Federation	54 (1.3)	564 (3.7)	41 (1.0)	566 (3.9)	5 (0.6)	559 (6.9)	9.8 (0.06)
Belgium (Flemish)	49 (1.1)	548 (2.6)	47 (1.0)	550 (2.1)	4 (0.4)	533 (7.0)	9.6 (0.04)
Poland	49 (1.3)	533 (2.8)	47 (1.2)	539 (2.5)	5 (0.4)	527 (5.9)	9.7 (0.05)
Chinese Taipei	47 (1.0)	596 (2.6)	46 (0.9)	600 (2.2)	7 (0.4)	591 (4.5)	9.7 (0.04)
Denmark	46 (1.6)	545 (3.5)	42 (1.2)	544 (2.9)	12 (0.9)	523 (6.8)	9.3 (0.07)
Sweden	42 (1.6)	525 (3.8)	51 (1.4)	524 (2.9)	7 (0.7)	514 (6.0)	9.4 (0.07)
Germany	s 42 (1.4)	534 (3.5)	47 (1.2)	537 (2.4)	12 (0.8)	514 (4.7)	9.2 (0.06)
Croatia	39 (1.1)	502 (2.5)	55 (1.1)	504 (2.0)	7 (0.6)	495 (6.4)	9.3 (0.04)
France	35 (1.3)	489 (3.7)	58 (1.2)	493 (3.0)	7 (0.6)	486 (6.7)	9.1 (0.06)
Czech Republic	34 (1.0)	521 (3.5)	53 (0.9)	533 (2.1)	12 (0.8)	534 (3.9)	8.9 (0.05)
Slovenia	s 27 (1.3)	527 (4.3)	64 (1.2)	530 (2.4)	9 (0.5)	521 (6.6)	8.8 (0.05)
Korea, Rep. of	17 (0.9)	616 (3.1)	67 (1.0)	609 (2.5)	16 (0.8)	603 (3.5)	8.3 (0.04)
Japan	7 (0.7)	589 (6.2)	66 (0.8)	596 (1.9)	27 (0.9)	591 (3.3)	7.7 (0.04)
Australia	x x	x x	x x	x x	x x	x x	x x
Netherlands	x x	x x	x x	x x	x x	x x	x x
Norway (5)	x x	x x	x x	x x	x x	x x	x x
England	--	--	--	--	--	--	--
United States	--	--	--	--	--	--	--
International Avg.	59 (0.2)	506 (0.5)	35 (0.2)	503 (0.6)	6 (0.1)	495 (1.2)	

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

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

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

Exhibit 6.1: Parents' Perceptions of School Performance (Continued)

Country	Very Satisfied		Satisfied		Less than Satisfied		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Benchmarking Participants							
Dubai, UAE	62 (1.0)	524 (2.1)	33 (1.0)	496 (2.5)	5 (0.3)	485 (6.8)	10.2 (0.04)
Ontario, Canada	r 62 (1.5)	523 (2.5)	32 (1.1)	515 (3.1)	6 (0.6)	498 (6.7)	10.1 (0.07)
Abu Dhabi, UAE	r 50 (1.6)	442 (6.0)	44 (1.5)	410 (5.4)	6 (0.5)	386 (8.5)	9.7 (0.06)
Quebec, Canada	r 48 (1.9)	537 (4.0)	49 (1.8)	543 (5.0)	3 (0.5)	531 (9.6)	9.7 (0.07)
Buenos Aires, Argentina	x x	x x	x x	x x	x x	x x	x x
Norway (4)	x x	x x	x x	x x	x x	x x	x x
Florida, US	--	--	--	--	--	--	--

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