

Exhibit 5.1: School Composition by Socioeconomic Background of the Student Body

Exhibit 5.1 provides information about the socioeconomic composition of the schools attended by fourth grade students. As reported by principals, on average, 38 percent of the students were in schools with relatively more affluent than disadvantaged students, 33 percent in schools where there was a balance, and 29 percent in schools with relatively more disadvantaged than affluent students. Higher average reading achievement was associated with attending schools with a higher percentage of economically advantaged students (530, 513, and 487, respectively).

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Students Categorized by Principals' Reports

Country	More Affluent - Schools where more than 25% of the student body comes from economically affluent homes and not more than 25% from economically disadvantaged homes		Neither More Affluent Nor More Disadvantaged		More Disadvantaged - Schools where more than 25% of the student body comes from economically disadvantaged homes and not more than 25% from economically affluent homes	
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement
Australia	35 (3.2)	570 (4.6)	38 (3.3)	545 (3.2)	26 (2.9)	509 (4.3)
Austria	29 (4.0)	558 (3.5)	45 (3.9)	545 (2.3)	25 (3.6)	512 (5.7)
Azerbaijan	r 11 (2.1)	502 (13.6)	23 (4.0)	469 (8.5)	66 (4.1)	471 (4.9)
Bahrain	31 (1.6)	473 (5.5)	36 (3.0)	446 (3.4)	33 (3.0)	419 (5.4)
Belgium (Flemish)	67 (4.0)	535 (2.0)	23 (3.6)	515 (4.2)	10 (2.7)	487 (6.1)
Belgium (French)	56 (3.6)	515 (3.2)	24 (3.8)	493 (4.5)	21 (3.0)	461 (5.4)
Bulgaria	15 (3.5)	585 (7.9)	51 (4.3)	565 (5.4)	34 (3.6)	520 (7.9)
Canada	42 (2.7)	556 (2.2)	38 (2.3)	546 (2.9)	21 (2.1)	513 (4.5)
Chile	18 (2.3)	546 (3.1)	9 (2.7)	500 (9.3)	74 (3.1)	481 (3.5)
Chinese Taipei	23 (3.4)	575 (3.8)	62 (4.3)	558 (2.3)	15 (2.9)	536 (3.9)
Czech Republic	42 (3.7)	554 (2.6)	51 (4.1)	540 (2.5)	7 (1.9)	506 (15.8)
Denmark	63 (4.1)	554 (2.9)	29 (3.8)	538 (4.0)	7 (2.1)	538 (5.7)
Egypt	25 (3.7)	375 (14.6)	16 (3.6)	344 (14.9)	59 (4.7)	306 (7.4)
England	38 (3.6)	575 (3.5)	30 (3.9)	563 (3.3)	32 (3.7)	539 (3.5)
Finland	42 (3.7)	570 (3.0)	49 (4.1)	567 (2.9)	9 (1.8)	544 (8.0)
France	41 (4.5)	524 (3.4)	30 (4.1)	517 (4.4)	29 (3.3)	489 (3.9)
Georgia	23 (3.5)	507 (5.6)	31 (3.7)	484 (5.5)	46 (3.9)	486 (4.7)
Germany	22 (3.1)	560 (4.3)	48 (4.1)	547 (3.9)	30 (3.6)	504 (9.1)
Hong Kong SAR	32 (3.8)	570 (4.6)	28 (4.2)	573 (5.1)	39 (3.4)	571 (5.1)
Hungary	34 (3.6)	579 (4.9)	29 (4.2)	562 (4.1)	37 (3.5)	522 (5.2)
Iran, Islamic Rep. of	28 (3.9)	462 (6.8)	18 (3.0)	457 (8.1)	55 (4.2)	400 (7.0)
Ireland	43 (4.5)	582 (3.5)	32 (4.4)	570 (3.5)	25 (3.6)	534 (4.0)
Israel	30 (3.0)	561 (5.1)	33 (3.8)	549 (6.8)	36 (3.1)	489 (5.4)
Italy	32 (4.2)	555 (4.2)	50 (4.6)	547 (3.2)	18 (3.1)	539 (6.1)
Kazakhstan	70 (3.8)	542 (3.3)	24 (3.5)	517 (5.6)	6 (2.0)	524 (7.2)
Kuwait	r 39 (4.1)	408 (8.4)	27 (4.0)	382 (10.4)	34 (4.5)	385 (11.7)
Latvia	21 (3.7)	562 (4.7)	69 (4.4)	560 (2.3)	10 (2.4)	533 (7.8)
Lithuania	65 (3.4)	560 (2.8)	23 (3.3)	539 (5.3)	13 (2.6)	503 (8.7)
Macao SAR	37 (0.1)	541 (2.1)	26 (0.1)	548 (1.9)	36 (0.1)	549 (2.0)
Malta	39 (0.1)	441 (2.6)	58 (0.1)	461 (2.1)	3 (0.1)	415 (8.2)
Morocco	r 8 (1.9)	434 (14.1)	8 (1.7)	404 (13.2)	84 (1.9)	343 (5.0)
Netherlands	r 55 (4.9)	555 (2.4)	33 (4.8)	543 (3.3)	12 (3.1)	515 (7.2)
New Zealand	r 40 (3.4)	551 (2.9)	31 (3.6)	527 (6.0)	29 (3.0)	484 (7.5)
Northern Ireland	s 36 (5.2)	583 (4.3)	34 (5.8)	562 (5.1)	30 (3.9)	547 (5.0)
Norway (5)	54 (4.7)	563 (3.2)	38 (4.3)	555 (2.9)	8 (2.2)	546 (6.8)
Oman	44 (3.1)	430 (5.6)	39 (3.1)	413 (5.2)	18 (2.7)	402 (5.4)
Poland	19 (3.9)	572 (6.3)	60 (4.7)	566 (2.6)	21 (3.2)	545 (5.6)
Portugal	14 (2.4)	543 (5.3)	45 (4.7)	529 (4.2)	42 (4.8)	521 (3.2)
Qatar	r 70 (0.4)	449 (2.4)	22 (0.4)	450 (3.8)	8 (0.2)	422 (11.9)
Russian Federation	71 (3.3)	585 (2.9)	24 (3.2)	578 (5.7)	5 (1.4)	558 (9.4)
Saudi Arabia	r 43 (3.7)	437 (8.8)	29 (3.8)	424 (9.0)	28 (4.1)	424 (10.6)
Singapore	42 (0.0)	597 (4.8)	44 (0.0)	568 (4.9)	13 (0.0)	536 (10.4)
Slovak Republic	37 (3.6)	551 (3.7)	51 (4.1)	542 (3.6)	11 (2.7)	449 (16.7)
Slovenia	35 (4.6)	546 (3.8)	38 (4.2)	543 (3.4)	27 (4.8)	537 (4.5)
South Africa	r 9 (2.0)	428 (23.1)	16 (3.0)	310 (17.3)	75 (3.7)	309 (4.8)
Spain	54 (3.0)	535 (1.9)	31 (2.7)	520 (4.3)	15 (2.1)	511 (5.1)
Sweden	78 (3.9)	562 (2.8)	18 (3.5)	539 (4.0)	4 (1.4)	508 (18.7)
Trinidad and Tobago	r 25 (3.7)	526 (6.8)	21 (3.8)	493 (8.6)	54 (4.5)	463 (5.7)
United Arab Emirates	r 50 (2.2)	473 (6.2)	25 (1.9)	453 (6.5)	25 (2.0)	409 (6.5)
United States	15 (3.0)	588 (4.3)	21 (3.7)	566 (5.4)	63 (4.0)	532 (3.7)
International Avg.	38 (0.5)	530 (0.9)	33 (0.5)	513 (0.9)	29 (0.4)	487 (1.1)

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

() 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 5.1: School Composition by Socioeconomic Background of the Student Body (Continued)

Country	More Affluent - Schools where more than 25% of the student body comes from economically affluent homes and not more than 25% from economically disadvantaged homes		Neither More Affluent Nor More Disadvantaged		More Disadvantaged - Schools where more than 25% of the student body comes from economically disadvantaged homes and not more than 25% from economically affluent homes		
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Benchmarking Participants							
Buenos Aires, Argentina	57 (5.6)	504 (4.3)	15 (4.0)	459 (8.8)	28 (4.9)	441 (7.1)	
Ontario, Canada	40 (5.1)	554 (5.1)	41 (4.6)	548 (4.6)	19 (3.9)	518 (7.0)	
Quebec, Canada	57 (4.7)	555 (2.8)	22 (3.5)	554 (8.3)	22 (4.5)	523 (5.9)	
Denmark (3)	63 (3.7)	511 (3.3)	28 (3.5)	488 (5.5)	9 (2.3)	487 (12.8)	
Norway (4)	54 (4.6)	524 (2.6)	39 (4.2)	512 (3.4)	7 (2.0)	508 (5.0)	
Moscow City, Russian Fed.	80 (3.3)	615 (2.3)	18 (3.1)	600 (5.4)	1 (0.8)	~ ~	
Eng/Afr/Zulu - RSA (5)	17 (3.2)	499 (17.4)	7 (3.4)	431 (38.3)	76 (4.6)	389 (8.4)	
Andalusia, Spain	46 (4.0)	535 (2.6)	31 (3.4)	524 (3.0)	23 (3.5)	505 (6.8)	
Madrid, Spain	58 (4.5)	554 (2.5)	24 (4.1)	551 (5.1)	18 (3.3)	528 (4.2)	
Abu Dhabi, UAE	47 (3.5)	424 (9.7)	22 (3.3)	404 (13.3)	30 (3.1)	387 (8.2)	
Dubai, UAE	57 (0.3)	538 (2.8)	33 (0.2)	513 (3.2)	10 (0.2)	415 (4.6)	

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