

**Exhibit 5.1: School Composition by Economic Background of the Student Body**

Reported by Principals

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 (3.5)	552 (3.8)	34 (3.7)	525 (4.1)	31 (3.6)	490 (5.0)
Bahrain	r 31 (0.2)	460 (6.7)	45 (0.2)	461 (3.4)	24 (0.2)	452 (4.4)
Belgium (Flemish)	64 (3.5)	524 (2.9)	24 (3.4)	502 (4.5)	11 (2.2)	478 (12.2)
Bulgaria	17 (4.1)	579 (4.7)	48 (5.0)	546 (6.1)	35 (4.4)	505 (13.8)
Canada	42 (3.3)	537 (3.1)	33 (3.4)	526 (3.6)	25 (2.7)	502 (4.7)
Chile	r 14 (2.5)	530 (6.9)	18 (4.0)	495 (6.1)	68 (4.4)	464 (3.8)
Chinese Taipei	13 (2.6)	572 (4.0)	72 (3.5)	557 (2.0)	15 (2.4)	533 (5.0)
Croatia	35 (3.4)	539 (3.4)	46 (3.8)	534 (2.8)	18 (3.3)	518 (3.6)
Cyprus	39 (4.7)	493 (3.9)	45 (4.7)	481 (3.8)	15 (3.0)	453 (5.4)
Czech Republic	38 (4.3)	545 (3.4)	44 (4.4)	534 (2.7)	18 (3.3)	514 (7.1)
Denmark	s 63 (4.5)	536 (2.9)	30 (4.5)	522 (4.7)	7 (2.2)	512 (10.1)
England	31 (3.2)	559 (4.7)	32 (3.8)	541 (5.2)	37 (3.7)	512 (4.2)
Finland	34 (3.9)	554 (4.9)	59 (4.4)	555 (2.3)	7 (2.2)	544 (8.1)
France	r 34 (3.9)	510 (4.0)	34 (4.4)	490 (4.1)	32 (4.6)	460 (5.3)
Georgia	26 (3.5)	480 (9.8)	23 (4.0)	450 (6.4)	51 (4.4)	437 (5.2)
Germany	r 24 (2.8)	548 (3.8)	43 (3.8)	532 (3.7)	33 (3.3)	504 (5.3)
Hong Kong SAR	39 (3.6)	580 (4.8)	30 (3.8)	550 (4.6)	31 (4.0)	535 (6.1)
Hungary	27 (3.2)	576 (4.0)	33 (4.0)	558 (4.3)	40 (3.9)	507 (5.9)
Indonesia	r 16 (2.6)	438 (12.2)	32 (3.3)	406 (9.2)	52 (3.2)	384 (6.5)
Iran, Islamic Rep. of	14 (2.9)	458 (11.6)	44 (3.5)	433 (7.3)	42 (3.6)	393 (7.9)
Ireland	36 (4.2)	548 (3.3)	43 (4.7)	524 (3.8)	21 (2.9)	510 (5.1)
Italy	36 (4.2)	526 (4.2)	50 (4.7)	518 (4.0)	14 (2.9)	497 (6.8)
Japan	55 (4.4)	575 (2.2)	37 (4.2)	564 (2.3)	8 (2.3)	555 (5.3)
Kazakhstan	69 (3.6)	558 (5.7)	25 (3.6)	542 (9.6)	6 (1.9)	522 (25.3)
Korea, Rep. of	29 (3.7)	607 (3.3)	51 (3.9)	587 (2.3)	21 (3.1)	570 (3.6)
Kuwait	r 23 (5.2)	379 (16.0)	40 (5.5)	331 (10.1)	37 (5.9)	331 (11.8)
Lithuania	55 (3.3)	537 (2.9)	29 (3.5)	520 (6.1)	16 (2.7)	507 (6.9)
Morocco	r 13 (1.9)	436 (14.3)	8 (1.9)	345 (14.6)	79 (2.8)	336 (5.7)
Netherlands	s 72 (4.5)	528 (3.5)	23 (4.5)	520 (5.0)	6 (2.8)	494 (8.3)
New Zealand	47 (3.2)	534 (3.9)	26 (3.5)	509 (4.5)	27 (2.7)	458 (6.9)
Northern Ireland	r 46 (5.1)	535 (3.2)	18 (4.2)	517 (7.6)	37 (3.8)	505 (5.0)
Norway (5)	59 (4.3)	543 (3.0)	34 (4.3)	534 (4.6)	7 (2.6)	499 (10.4)
Oman	35 (2.9)	430 (6.8)	42 (3.0)	438 (5.6)	23 (2.6)	422 (7.8)
Poland	17 (3.3)	560 (5.3)	57 (4.3)	551 (3.0)	25 (3.8)	526 (4.8)
Portugal	19 (2.9)	526 (4.1)	35 (4.3)	506 (3.3)	46 (3.9)	503 (3.1)
Qatar	r 72 (2.8)	444 (5.5)	16 (2.7)	413 (11.8)	12 (2.0)	427 (11.1)
Russian Federation	72 (3.6)	569 (2.5)	24 (3.8)	567 (10.3)	4 (1.2)	551 (13.6)
Saudi Arabia	r 46 (4.7)	408 (7.9)	36 (4.1)	370 (7.6)	19 (3.7)	363 (16.4)
Serbia	20 (3.3)	543 (4.9)	36 (4.5)	523 (5.2)	44 (4.6)	517 (7.5)
Singapore	44 (0.0)	608 (4.9)	46 (0.0)	585 (6.1)	10 (0.0)	546 (12.6)
Slovak Republic	31 (3.0)	540 (3.2)	48 (3.2)	533 (3.2)	21 (2.4)	460 (5.3)
Slovenia	35 (4.2)	546 (4.2)	41 (4.5)	544 (3.1)	23 (3.4)	539 (4.0)
Spain	46 (3.8)	532 (2.9)	34 (3.5)	519 (3.7)	20 (3.2)	489 (6.3)
Sweden	71 (4.3)	555 (3.4)	19 (3.6)	521 (6.4)	11 (3.0)	491 (17.5)
Turkey	22 (3.0)	514 (7.9)	27 (2.9)	499 (7.2)	51 (3.2)	461 (4.0)
United Arab Emirates	r 50 (1.9)	469 (5.1)	23 (1.9)	468 (7.7)	27 (1.8)	392 (5.3)
United States	19 (2.1)	591 (5.2)	23 (2.6)	564 (4.2)	59 (2.3)	525 (3.4)
International Avg.	38 (0.5)	526 (0.9)	35 (0.6)	507 (0.9)	27 (0.5)	483 (1.3)

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

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

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 Economic 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
<b>Benchmarking Participants</b>						
Buenos Aires, Argentina	50 (6.2)	444 (6.8)	15 (3.7)	405 (10.9)	35 (6.2)	384 (11.4)
Ontario, Canada	37 (5.5)	535 (5.0)	32 (5.1)	538 (3.8)	31 (4.1)	514 (4.4)
Quebec, Canada	63 (5.7)	537 (4.3)	23 (5.4)	511 (5.2)	15 (4.6)	500 (9.1)
Norway (4)	59 (4.5)	501 (2.4)	36 (4.8)	487 (3.7)	5 (2.2)	458 (19.0)
Abu Dhabi, UAE	47 (5.0)	425 (14.4)	19 (4.1)	419 (25.3)	35 (3.9)	372 (10.0)
Dubai, UAE	61 (0.3)	532 (2.1)	26 (0.3)	535 (3.7)	13 (0.1)	414 (4.5)
Florida, US	13 (4.3)	587 (12.3)	19 (6.2)	579 (9.8)	67 (5.8)	535 (5.7)

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