

Exhibit 7.2: Students Like Reading by Gender

Students' Reports

Assessed Fourth Grade Students at the End of the School Year

☒ Assessed one year later than originally scheduled

■ Delayed Assessment of Fourth Grade Cohort at the Beginning of Fifth Grade

Country		Very Much Like Reading		Somewhat Like Reading		Do Not Like Reading		Gender Difference in Percent of Students who Very Much Like Reading	
		Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	More Girls Than Boys	More Boys Than Girls
Brazil ☒	Girls	48 (1.6)	438 (6.2)	40 (1.4)	438 (7.6)	12 (1.0)	433 (12.6)		
	Boys	47 (2.2)	411 (7.4)	38 (1.8)	414 (8.3)	15 (1.1)	438 (10.3)		
Norway (5)	Girls	15 (0.9)	565 (5.6)	49 (1.1)	553 (2.7)	37 (1.2)	536 (3.0)		
	Boys	12 (0.8)	547 (6.5)	43 (1.2)	540 (3.5)	45 (1.5)	521 (2.9)		
Poland	Girls	25 (1.4)	563 (5.3)	53 (1.4)	565 (2.9)	22 (1.2)	547 (4.6)		
	Boys	22 (1.4)	547 (5.3)	45 (1.5)	547 (3.1)	34 (1.4)	529 (4.0)		
Russian Federation	Girls	37 (1.4)	571 (4.8)	47 (1.3)	577 (3.6)	16 (1.1)	572 (4.9)		
	Boys	33 (1.5)	556 (7.2)	46 (1.3)	563 (4.6)	21 (1.0)	563 (4.0)		
Macao SAR	Girls	33 (0.9)	558 (2.4)	48 (0.9)	539 (2.0)	19 (0.7)	517 (3.5)		
	Boys	29 (0.8)	548 (3.0)	48 (0.9)	531 (2.4)	23 (0.7)	508 (3.7)		
Kosovo	Girls	87 (1.1)	436 (2.9)	12 (1.0)	406 (7.9)	2 ~	~ ~		
	Boys	83 (1.0)	415 (3.7)	15 (0.9)	407 (7.2)	2 ~	~ ~		
Belgium (Flemish)	Girls	29 (1.2)	517 (3.8)	44 (1.0)	517 (3.1)	27 (1.3)	510 (3.3)		
	Boys	25 (1.0)	516 (4.2)	43 (1.0)	508 (3.6)	32 (1.2)	500 (3.4)		
Hong Kong SAR	Girls	32 (1.1)	593 (3.5)	49 (1.1)	576 (3.3)	19 (1.0)	553 (4.7)		
	Boys	28 (1.3)	586 (3.9)	46 (1.3)	570 (3.9)	27 (1.1)	548 (4.8)		
Sweden	Girls	20 (1.0)	550 (4.8)	48 (1.3)	558 (3.3)	32 (1.3)	546 (3.1)		
	Boys	15 (0.7)	536 (5.9)	46 (1.3)	541 (3.1)	39 (1.4)	534 (3.1)		
Denmark	Girls	16 (1.0)	572 (5.2)	51 (1.4)	550 (3.0)	33 (1.4)	528 (3.7)		
	Boys	12 (0.9)	557 (6.3)	48 (1.2)	539 (3.2)	40 (1.4)	521 (4.0)		
Iran, Islamic Rep. of ☒	Girls	69 (1.7)	434 (6.3)	27 (1.5)	404 (12.0)	4 (0.6)	347 (24.4)		
	Boys	64 (1.4)	414 (5.4)	31 (1.2)	396 (8.2)	5 (0.9)	362 (17.9)		
Netherlands	Girls	20 (1.2)	545 (5.4)	47 (1.3)	541 (3.3)	33 (1.3)	517 (4.6)		
	Boys	15 (1.1)	541 (4.8)	45 (1.5)	528 (3.7)	40 (1.5)	506 (3.6)		
Egypt	Girls	47 (2.1)	412 (5.7)	43 (1.8)	378 (7.3)	10 (0.9)	357 (9.2)		
	Boys	41 (1.8)	400 (7.7)	47 (1.7)	362 (7.1)	13 (0.8)	337 (9.6)		
Ireland	Girls	35 (1.4)	598 (4.8)	46 (1.2)	582 (3.4)	19 (1.2)	560 (4.4)		
	Boys	28 (1.3)	588 (4.7)	44 (1.4)	574 (3.5)	27 (1.4)	554 (4.0)		
Latvia	Girls	19 (1.2)	547 (6.2)	50 (1.5)	547 (3.3)	31 (1.3)	531 (3.2)		
	Boys	13 (0.9)	526 (6.4)	44 (1.4)	517 (3.7)	43 (1.4)	512 (3.9)		
Azerbaijan	Girls	67 (1.3)	456 (4.2)	30 (1.2)	448 (5.8)	4 (0.5)	425 (13.8)		
	Boys	60 (1.3)	437 (4.7)	34 (1.2)	432 (5.1)	6 (0.7)	419 (10.5)		
United States	Girls	29 (2.0)	563 (8.8)	50 (2.2)	557 (8.3)	21 (1.9)	538 (9.3)		
	Boys	22 (1.7)	555 (12.3)	51 (1.8)	557 (6.5)	27 (1.6)	523 (8.2)		
Uzbekistan	Girls	87 (0.8)	456 (3.1)	12 (0.8)	415 (5.8)	2 ~	~ ~		
	Boys	80 (1.2)	435 (3.4)	18 (1.1)	396 (6.6)	3 (0.5)	350 (14.8)		
Belgium (French)	Girls	35 (1.5)	501 (5.4)	45 (1.3)	503 (3.7)	20 (1.1)	491 (4.6)		
	Boys	28 (1.5)	496 (4.2)	45 (1.3)	493 (3.9)	28 (1.5)	479 (4.1)		
England ☒	Girls	32 (1.1)	574 (4.7)	48 (1.1)	567 (3.1)	19 (1.1)	538 (4.9)		
	Boys	25 (1.1)	566 (5.0)	47 (1.3)	556 (4.1)	28 (1.5)	535 (4.2)		
New Zealand	Girls	42 (1.2)	544 (4.0)	43 (1.1)	528 (3.4)	16 (0.9)	513 (4.2)		
	Boys	34 (1.1)	517 (4.0)	45 (1.3)	515 (3.9)	20 (0.9)	509 (3.3)		
Lithuania	Girls	25 (1.2)	562 (4.5)	49 (1.3)	568 (3.2)	25 (1.4)	557 (3.1)		
	Boys	18 (0.9)	545 (5.1)	47 (1.2)	542 (3.5)	35 (1.2)	542 (3.4)		
Chinese Taipei	Girls	43 (1.3)	565 (2.7)	42 (1.2)	541 (3.4)	15 (0.9)	535 (4.2)		
	Boys	35 (1.3)	553 (2.8)	43 (1.1)	533 (2.8)	22 (1.1)	521 (4.1)		
Qatar	Girls	53 (1.3)	504 (4.3)	38 (1.2)	486 (5.9)	9 (0.6)	473 (8.1)		
	Boys	45 (1.8)	494 (5.6)	41 (1.5)	468 (5.5)	14 (1.0)	464 (7.2)		
Singapore	Girls	37 (1.1)	613 (4.1)	47 (1.0)	594 (3.0)	16 (0.7)	564 (4.5)		
	Boys	29 (0.9)	598 (5.0)	47 (0.8)	577 (4.2)	25 (0.8)	558 (4.5)		
Kazakhstan	Girls	57 (1.2)	511 (2.9)	36 (1.1)	513 (3.6)	6 (0.5)	519 (7.2)		
	Boys	49 (1.2)	490 (3.4)	43 (1.1)	497 (4.2)	8 (0.6)	517 (6.9)		
Finland	Girls	28 (1.1)	569 (4.0)	46 (1.2)	561 (3.1)	26 (1.3)	543 (3.6)		
	Boys	19 (0.9)	554 (5.6)	46 (1.1)	548 (3.4)	34 (1.2)	525 (2.9)		
Hungary	Girls	31 (1.4)	565 (4.5)	46 (1.4)	544 (4.7)	23 (1.1)	528 (4.8)		
	Boys	23 (1.1)	542 (6.7)	45 (1.0)	533 (4.4)	33 (1.2)	526 (4.4)		
Malta	Girls	51 (1.5)	522 (4.2)	38 (1.6)	518 (4.4)	11 (1.1)	508 (6.9)		
	Boys	42 (1.7)	511 (4.8)	39 (1.4)	515 (5.1)	18 (0.9)	510 (5.0)		
Albania	Girls	86 (1.1)	527 (3.5)	13 (1.0)	506 (8.5)	1 ~	~ ~		
	Boys	77 (1.2)	506 (3.8)	20 (1.1)	501 (5.6)	2 ~	~ ~		
Portugal	Girls	65 (1.1)	524 (2.7)	30 (1.1)	519 (2.8)	5 (0.5)	529 (6.0)		
	Boys	56 (1.2)	516 (3.0)	37 (1.1)	518 (4.1)	7 (0.6)	521 (6.5)		
Spain	Girls	59 (1.2)	529 (3.1)	33 (1.2)	516 (3.7)	8 (0.6)	506 (6.8)		
	Boys	50 (1.3)	525 (2.9)	37 (1.1)	519 (3.3)	13 (0.9)	510 (4.4)		
Czech Republic	Girls	32 (1.5)	540 (4.7)	49 (1.4)	548 (2.7)	19 (1.0)	530 (4.4)		
	Boys	23 (1.2)	539 (5.9)	50 (1.4)	542 (3.2)	28 (1.3)	530 (3.7)		

This PIRLS context questionnaire scale was established in 2016 based on the combined response distribution of countries that participated in PIRLS 2016. 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.

An "r" indicates data are available for at least 70% but less than 85% of the students.

A tilde (~) indicates insufficient data to report result.

Exhibit 7.2: Students Like Reading by Gender

Students' Reports

Assessed Fourth Grade Students at the End of the School Year

☒ Assessed one year later than originally scheduled

■ Delayed Assessment of Fourth Grade Cohort at the Beginning of Fifth Grade

(Continued)

Country		Very Much Like Reading		Somewhat Like Reading		Do Not Like Reading		Gender Difference in Percent of Students who Very Much Like Reading	
		Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	More Girls Than Boys	More Boys Than Girls
Australia ☒	Girls	34 (1.4)	569 (4.4)	45 (1.4)	547 (3.2)	21 (1.1)	527 (4.0)		
	Boys	24 (1.1)	552 (5.5)	45 (1.3)	538 (3.8)	31 (1.3)	510 (4.1)		
Germany	Girls	38 (1.3)	549 (3.6)	43 (1.2)	536 (3.2)	19 (1.1)	514 (4.5)		
	Boys	29 (1.1)	537 (4.4)	46 (1.3)	524 (3.5)	26 (1.1)	505 (3.8)		
Croatia	Girls	28 (1.4)	562 (5.3)	53 (1.5)	564 (3.3)	20 (1.2)	560 (4.7)		
	Boys	18 (1.1)	556 (5.1)	52 (1.6)	551 (3.4)	31 (1.6)	551 (4.5)		
Israel ☒	Girls	45 (1.4)	520 (3.4)	39 (1.2)	509 (4.2)	16 (0.9)	507 (4.8)		
	Boys	35 (1.2)	518 (3.8)	43 (1.1)	505 (3.3)	22 (1.1)	507 (4.1)		
Austria	Girls	38 (1.7)	546 (3.6)	45 (1.3)	537 (3.4)	17 (1.5)	522 (4.0)		
	Boys	27 (1.3)	531 (3.3)	46 (1.3)	524 (3.5)	26 (1.3)	513 (4.3)		
Turkiye	Girls	67 (1.4)	512 (3.4)	29 (1.2)	493 (5.7)	4 (0.5)	497 (10.3)		
	Boys	57 (1.4)	494 (3.9)	35 (1.1)	481 (5.5)	8 (0.6)	482 (7.3)		
Slovenia	Girls	33 (1.1)	537 (3.4)	51 (1.2)	530 (2.5)	16 (1.0)	512 (3.8)		
	Boys	22 (0.9)	520 (4.2)	48 (1.4)	511 (2.9)	29 (1.5)	505 (3.1)		
Northern Ireland	Girls	33 (1.2)	590 (4.4)	48 (1.2)	578 (3.0)	19 (1.2)	557 (4.8)		
	Boys	22 (1.4)	576 (5.3)	45 (1.2)	559 (4.6)	32 (1.4)	532 (4.2)		
Morocco	Girls	68 (2.1)	403 (4.8)	29 (2.0)	367 (8.7)	4 (0.9)	330 (15.8)		
	Boys	57 (1.8)	372 (5.4)	36 (1.7)	342 (6.9)	7 (1.0)	312 (11.6)		
United Arab Emirates	Girls	58 (0.7)	510 (2.8)	34 (0.6)	485 (3.3)	8 (0.3)	467 (4.8)		
	Boys	47 (1.0)	489 (3.7)	41 (0.7)	454 (4.1)	12 (0.5)	462 (5.8)		
Bahrain	Girls	56 (1.5)	492 (4.3)	36 (1.3)	477 (5.1)	8 (0.7)	460 (10.6)		
	Boys	45 (1.2)	450 (4.3)	43 (1.1)	430 (4.9)	12 (0.8)	422 (8.4)		
Bulgaria	Girls	57 (1.8)	553 (3.7)	34 (1.6)	550 (5.7)	9 (0.8)	511 (8.8)		
	Boys	45 (1.7)	541 (4.6)	39 (1.5)	534 (5.3)	15 (1.3)	510 (7.0)		
Montenegro	Girls	66 (1.1)	504 (2.4)	30 (1.1)	494 (3.1)	5 (0.6)	478 (6.7)		
	Boys	54 (1.1)	485 (2.9)	35 (1.1)	474 (3.3)	11 (0.9)	470 (5.8)		
North Macedonia	Girls	76 (1.5)	458 (6.5)	19 (1.3)	452 (7.6)	4 (0.5)	451 (17.6)		
	Boys	64 (1.8)	430 (7.6)	29 (1.4)	436 (6.1)	7 (0.9)	424 (9.9)		
Oman	Girls	64 (1.5)	464 (4.3)	32 (1.3)	428 (5.5)	5 (0.5)	383 (13.0)		
	Boys	52 (1.3)	426 (4.8)	40 (1.1)	404 (5.3)	8 (0.7)	390 (10.5)		
Italy	Girls	47 (1.1)	544 (2.7)	39 (1.0)	540 (3.6)	14 (0.9)	531 (4.2)		
	Boys	35 (1.2)	536 (3.3)	45 (1.2)	532 (2.8)	20 (0.8)	534 (3.3)		
South Africa ☒	Girls	56 (1.8)	336 (5.4)	35 (1.5)	304 (5.6)	9 (0.7)	282 (11.4)		
	Boys	43 (1.6)	281 (4.9)	44 (1.4)	252 (6.3)	13 (0.8)	248 (14.0)		
Serbia	Girls	51 (1.9)	521 (5.0)	37 (1.8)	516 (4.8)	12 (1.3)	517 (6.0)		
	Boys	39 (1.7)	510 (4.9)	42 (1.7)	512 (3.8)	19 (1.5)	502 (6.4)		
Georgia	Girls	65 (1.3)	508 (3.5)	30 (1.2)	507 (3.9)	5 (0.6)	508 (8.5)		
	Boys	53 (1.4)	486 (3.8)	39 (1.1)	483 (3.5)	8 (0.9)	501 (11.2)		
France	Girls	43 (1.3)	529 (3.4)	45 (1.1)	522 (3.5)	12 (0.8)	495 (4.8)		
	Boys	30 (1.2)	522 (3.8)	48 (1.2)	507 (3.2)	22 (1.1)	487 (4.3)		
Slovak Republic	Girls	36 (1.5)	535 (3.9)	44 (1.7)	539 (3.7)	20 (1.3)	521 (4.7)		
	Boys	23 (1.1)	522 (5.2)	46 (1.3)	529 (4.4)	31 (1.5)	524 (4.2)		
Jordan	Girls	62 (2.1)	410 (7.2)	30 (1.6)	383 (8.7)	8 (1.1)	379 (12.4)		
	Boys	48 (2.0)	373 (8.0)	38 (1.5)	358 (9.7)	13 (1.8)	343 (20.1)		
Saudi Arabia	Girls	67 (1.5)	476 (4.3)	28 (1.3)	448 (7.6)	6 (0.7)	446 (10.5)		
	Boys	52 (1.9)	437 (5.6)	39 (1.8)	416 (7.2)	9 (0.6)	431 (8.6)		
Cyprus	Girls	45 (1.2)	520 (3.4)	41 (0.9)	513 (4.5)	14 (0.9)	506 (5.5)		
	Boys	30 (1.2)	512 (4.8)	42 (1.0)	510 (4.0)	28 (1.3)	499 (4.1)		
International Average	Girls	46 (0.2)	521 (0.6)	39 (0.2)	508 (0.7)	15 (0.1)	496 (1.1)		
	Boys	37 (0.2)	504 (0.7)	42 (0.2)	494 (0.6)	21 (0.1)	484 (1.0)		
Benchmarking Participants									
Quebec, Canada	Girls	37 (1.5)	565 (3.5)	46 (1.5)	555 (3.9)	16 (1.1)	541 (5.9)		
	Boys	34 (1.3)	551 (4.0)	44 (1.1)	548 (3.5)	22 (1.3)	533 (4.2)		
Moscow City, Russian Federation	Girls	33 (1.1)	609 (2.7)	46 (0.9)	605 (2.9)	21 (1.0)	596 (3.4)		
	Boys	28 (1.3)	600 (3.7)	48 (1.0)	592 (2.8)	24 (1.0)	585 (3.1)		
Alberta, Canada	Girls	43 (1.9)	556 (5.4)	42 (1.7)	548 (4.5)	15 (1.0)	523 (7.6)		
	Boys	38 (1.7)	538 (5.2)	44 (1.6)	536 (5.4)	18 (1.3)	524 (7.3)		
British Columbia, Canada	Girls	41 (1.6)	554 (4.3)	43 (1.4)	542 (4.7)	16 (1.3)	518 (5.6)		
	Boys	34 (1.1)	539 (4.3)	47 (1.2)	531 (5.6)	20 (1.1)	512 (5.6)		
Dubai, UAE	Girls	55 (1.4)	559 (3.3)	37 (1.0)	559 (3.7)	8 (0.7)	543 (6.0)		
	Boys	46 (1.6)	551 (3.3)	41 (1.3)	545 (3.7)	13 (0.7)	557 (5.2)		
Newfoundland & Labrador, Canada	Girls	41 (1.9)	542 (4.1)	42 (1.8)	532 (4.3)	17 (1.2)	509 (6.8)		
	Boys	31 (1.9)	519 (6.3)	44 (1.4)	524 (4.3)	24 (1.6)	505 (7.0)		
Abu Dhabi, UAE	Girls	52 (0.9)	485 (4.3)	37 (0.9)	433 (4.9)	11 (0.5)	422 (8.1)		
	Boys	40 (1.4)	459 (6.6)	45 (1.0)	401 (5.6)	15 (0.7)	408 (8.5)		
South Africa (6) ☒	Girls	54 (1.3)	431 (3.9)	37 (0.9)	387 (6.8)	9 (0.8)	370 (14.6)		
	Boys	39 (1.5)	385 (4.5)	48 (1.2)	342 (6.0)	14 (0.9)	353 (11.9)		