

Exhibit 5.2: Home Early Literacy Activities Before Primary School

Students' Results based on Parents' 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	Often		Sometimes		Never or Almost Never		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Kazakhstan	66 (0.9)	510 (2.7)	34 (0.9)	496 (3.6)	0 ~	~ ~	11.3 (0.04)
Russian Federation	64 (1.3)	573 (3.1)	35 (1.2)	558 (4.9)	1 ~	~ ~	11.3 (0.07)
Northern Ireland s	64 (0.9)	584 (3.2)	35 (0.9)	565 (3.9)	1 ~	~ ~	11.5 (0.04)
Georgia	59 (1.1)	501 (2.8)	40 (1.1)	489 (3.1)	1 ~	~ ~	11.0 (0.05)
Croatia	58 (1.1)	569 (2.8)	42 (1.1)	543 (3.0)	0 ~	~ ~	11.0 (0.05)
Malta r	57 (1.2)	532 (3.5)	42 (1.2)	512 (2.9)	0 ~	~ ~	11.1 (0.05)
Albania	57 (1.5)	528 (3.5)	41 (1.4)	498 (4.0)	2 ~	~ ~	10.9 (0.08)
Uzbekistan	57 (1.7)	445 (3.1)	43 (1.7)	427 (3.4)	0 ~	~ ~	10.8 (0.06)
Ireland	56 (1.1)	592 (2.6)	43 (1.0)	569 (2.8)	1 ~	~ ~	11.0 (0.05)
Kosovo	55 (1.3)	434 (3.8)	44 (1.3)	410 (3.4)	1 ~	~ ~	10.8 (0.04)
Montenegro	55 (0.9)	499 (2.0)	45 (0.9)	474 (2.0)	0 ~	~ ~	10.9 (0.03)
North Macedonia	55 (1.2)	455 (5.1)	43 (1.2)	435 (6.0)	2 ~	~ ~	10.9 (0.09)
Serbia	54 (1.2)	525 (3.5)	46 (1.2)	503 (3.2)	0 ~	~ ~	10.8 (0.05)
Poland	53 (0.9)	559 (2.5)	47 (1.0)	541 (2.8)	0 ~	~ ~	10.8 (0.04)
Spain	52 (0.8)	535 (2.1)	47 (0.8)	510 (2.8)	1 ~	~ ~	10.7 (0.03)
Italy	52 (0.9)	547 (2.5)	47 (0.9)	531 (2.4)	1 ~	~ ~	10.7 (0.03)
Cyprus	51 (0.6)	527 (3.1)	48 (0.7)	501 (3.2)	1 ~	~ ~	10.7 (0.03)
Slovak Republic	49 (1.1)	541 (2.9)	49 (1.2)	527 (3.4)	2 ~	~ ~	10.5 (0.07)
Slovenia	49 (1.0)	531 (2.4)	51 (1.0)	516 (2.2)	1 ~	~ ~	10.6 (0.04)
Latvia	48 (1.1)	538 (3.2)	51 (1.1)	522 (3.4)	1 ~	~ ~	10.5 (0.04)
Israel ☒	47 (1.0)	527 (2.8)	52 (1.0)	504 (3.5)	1 ~	~ ~	10.6 (0.04)
Hungary r	47 (1.0)	551 (4.1)	52 (1.0)	538 (4.2)	1 ~	~ ~	10.5 (0.03)
Czech Republic	46 (0.8)	550 (2.7)	54 (0.8)	541 (2.3)	0 ~	~ ~	10.5 (0.03)
United Arab Emirates s	42 (0.7)	522 (2.8)	56 (0.7)	483 (2.4)	2 ~	~ ~	10.3 (0.03)
Bulgaria	41 (1.1)	569 (2.8)	50 (1.1)	531 (3.8)	9 (1.2)	457 (9.3)	9.9 (0.09)
France	41 (0.9)	531 (2.7)	57 (0.9)	510 (2.8)	2 ~	~ ~	10.2 (0.04)
Denmark	41 (0.9)	551 (2.6)	58 (0.9)	534 (2.5)	1 ~	~ ~	10.3 (0.04)
Germany s	40 (1.1)	548 (3.5)	59 (1.1)	535 (3.1)	1 ~	~ ~	10.3 (0.04)
Norway (5)	39 (0.7)	556 (2.5)	59 (0.7)	535 (2.1)	1 ~	~ ~	10.2 (0.03)
Saudi Arabia r	39 (1.0)	463 (4.5)	58 (1.1)	448 (3.8)	3 (0.4)	462 (12.1)	10.2 (0.05)
South Africa ☒	38 (0.9)	319 (5.8)	58 (0.8)	284 (5.3)	4 (0.5)	233 (11.1)	10.1 (0.05)
Bahrain	38 (0.7)	489 (3.6)	60 (0.7)	447 (3.3)	2 ~	~ ~	10.1 (0.03)
Sweden s	38 (1.1)	569 (3.3)	61 (1.1)	551 (3.0)	1 ~	~ ~	10.2 (0.04)
Austria	37 (0.9)	547 (2.7)	61 (0.9)	525 (2.4)	1 ~	~ ~	10.1 (0.04)
Portugal	37 (0.9)	536 (2.4)	62 (0.9)	514 (2.2)	1 ~	~ ~	10.1 (0.03)
Azerbaijan	36 (1.0)	459 (4.4)	62 (1.0)	431 (4.0)	2 ~	~ ~	10.1 (0.05)
Singapore	35 (0.8)	613 (2.8)	62 (0.8)	582 (3.5)	4 (0.3)	553 (7.3)	10.0 (0.04)
Oman	34 (1.0)	456 (4.7)	65 (1.0)	420 (3.8)	2 ~	~ ~	10.0 (0.04)
Qatar r	33 (1.0)	513 (5.3)	65 (1.0)	488 (4.4)	2 ~	~ ~	9.9 (0.04)
Finland	33 (0.7)	565 (2.4)	66 (0.7)	547 (2.5)	1 ~	~ ~	10.0 (0.02)
Turkiye	31 (1.1)	532 (3.7)	57 (1.2)	497 (3.1)	13 (1.6)	422 (6.7)	9.3 (0.12)
Belgium (French) r	30 (1.0)	514 (3.2)	67 (1.0)	494 (3.2)	2 ~	~ ~	9.8 (0.04)
Brazil ☒	30 (1.0)	456 (5.2)	63 (1.2)	417 (5.2)	7 (0.9)	361 (23.4)	9.6 (0.06)
Jordan	29 (1.0)	406 (5.5)	66 (0.9)	375 (6.3)	5 (0.6)	331 (11.4)	9.6 (0.06)
Belgium (Flemish)	27 (0.8)	525 (2.8)	71 (0.9)	511 (2.5)	2 ~	~ ~	9.6 (0.04)
Egypt	27 (1.3)	400 (7.0)	67 (1.3)	377 (5.3)	7 (0.7)	348 (13.0)	9.4 (0.07)
Iran, Islamic Rep. of ☒	24 (1.1)	434 (5.2)	71 (1.2)	412 (4.9)	5 (0.9)	338 (21.3)	9.4 (0.07)
Chinese Taipei	18 (0.5)	567 (3.0)	76 (0.6)	541 (2.2)	6 (0.4)	514 (5.8)	9.1 (0.03)
Hong Kong SAR	16 (0.8)	591 (3.4)	81 (0.8)	571 (2.8)	3 (0.3)	560 (7.3)	9.2 (0.04)
Morocco	13 (0.7)	410 (5.6)	67 (1.4)	377 (5.3)	19 (1.6)	333 (7.3)	8.2 (0.10)
Macao SAR	10 (0.4)	547 (3.1)	85 (0.4)	535 (1.4)	5 (0.3)	523 (6.1)	8.7 (0.02)
International Average	42 (0.1)	517 (0.5)	55 (0.1)	494 (0.5)	3 (0.1)	418 (3.4)	
New Zealand x	59 (1.1)	556 (3.7)	40 (1.1)	523 (4.2)	1 ~	~ ~	11.2 (0.05)
Netherlands x	39 (1.3)	549 (3.3)	60 (1.4)	539 (3.3)	1 ~	~ ~	10.2 (0.05)
Lithuania y	--	--	--	--	--	--	--
Australia ☒	--	--	--	--	--	--	--
England ☒	--	--	--	--	--	--	--
United States	--	--	--	--	--	--	--
Benchmarking Participants							
Moscow City, Russian Federation	71 (0.7)	602 (2.1)	28 (0.7)	591 (2.6)	0 ~	~ ~	11.6 (0.03)
Newfoundland & Labrador, Canada s	69 (1.3)	542 (3.8)	30 (1.3)	517 (5.5)	0 ~	~ ~	11.8 (0.07)
Alberta, Canada s	57 (1.7)	564 (3.6)	43 (1.6)	550 (4.3)	1 ~	~ ~	11.0 (0.07)
British Columbia, Canada s	55 (1.5)	563 (4.1)	44 (1.4)	545 (4.1)	1 ~	~ ~	11.0 (0.07)
Quebec, Canada r	47 (0.9)	566 (3.2)	53 (0.9)	554 (3.4)	1 ~	~ ~	10.5 (0.04)
Abu Dhabi, UAE s	38 (0.9)	494 (4.1)	60 (0.9)	452 (3.9)	3 (0.3)	371 (18.2)	10.1 (0.04)
South Africa (6) ☒	32 (1.3)	419 (6.5)	63 (1.3)	379 (5.3)	4 (0.5)	359 (17.5)	9.8 (0.07)
Dubai, UAE x	47 (1.0)	583 (2.6)	52 (1.0)	550 (2.7)	1 ~	~ ~	10.5 (0.04)

This PIRLS context questionnaire scale was established in 2011 based on the combined response distribution of countries that participated in PIRLS 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.

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 at least 40% but less than 50% of the students—interpret with caution.

A "y" indicates data are available for less than 40% of the students.

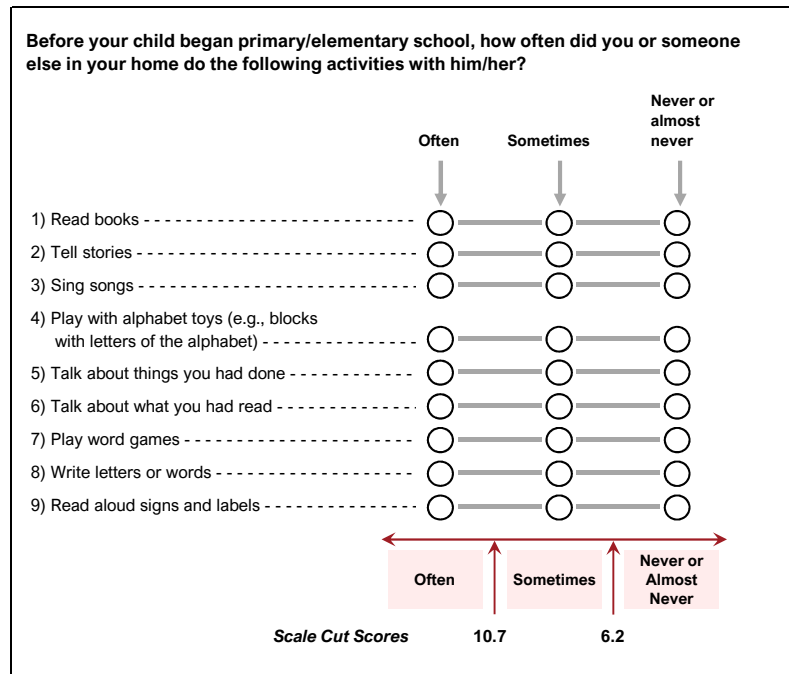
A tilde (~) indicates insufficient data to report result. A dash (-) indicates comparable data not available.

Exhibit 5.2: Home Early Literacy Activities Before Primary School

Students' Results based on Parents' Reports

About the Scale

Students were scored according to their parents' reports regarding the frequency they or someone in the home engaged their children in the nine activities on the *Early Literacy Activities* scale. Cut scores divide the scale into three categories. Students who **Often** engaged in early literacy activities before primary school had a score at or above the cut score corresponding to their parents reporting they "often" did five of the nine activities and "sometimes" did the other four, on average. Students who **Never or Almost Never** engaged in early literacy activities before primary school had a score at or below the cut score corresponding to their parents reporting they "never or almost never" did five of the nine activities and "sometimes" did the other four, on average. All other students **Sometimes** engaged in early literacy activities before primary school.



SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021
Downloaded from <https://pirls2021.org/results>