

Exhibit 4: Parents' Perceptions of Their Child's Learning Progress During the COVID-19 Pandemic

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	Student Stayed Home from School at Any Time Because of the COVID-19 Pandemic		Percent of Students Who Stayed Home by Parents' Perception of Learning Progress*		
	No Percent of Students	Yes Percent of Students	Not At All Adversely Affected	Somewhat Adversely Affected	Adversely Affected A Lot
Albania	10 (1.0)	90 (1.0)	37 (1.7)	43 (1.7)	10 (1.2)
Austria	11 (0.5)	89 (0.5)	15 (0.9)	51 (1.0)	23 (1.0)
Azerbaijan	3 (0.6)	97 (0.6)	31 (1.3)	55 (1.3)	11 (0.7)
Bahrain	10 (0.7)	90 (0.7)	13 (0.6)	50 (1.0)	27 (1.0)
Belgium (Flemish)	0 ~	100 (0.0)	18 (0.6)	64 (0.8)	18 (0.8)
Belgium (French)	r 5 (0.5)	95 (0.5)	r 20 (1.0)	52 (1.2)	24 (1.0)
Brazil ☒	3 (0.3)	97 (0.3)	11 (1.0)	49 (1.5)	37 (2.0)
Bulgaria	14 (1.2)	86 (1.2)	11 (0.7)	50 (1.2)	25 (1.1)
Chinese Taipei	92 (0.4)	8 (0.4)	3 (0.3)	4 (0.3)	1 ~
Croatia	0 ~	100 (0.0)	15 (0.8)	52 (1.3)	33 (1.2)
Cyprus	14 (0.7)	86 (0.7)	15 (0.7)	50 (0.8)	21 (0.7)
Czech Republic	0 ~	100 (0.0)	r 16 (0.8)	58 (0.9)	26 (0.8)
Denmark	3 (0.3)	97 (0.3)	46 (1.0)	45 (0.9)	5 (0.4)
Egypt	14 (1.0)	86 (1.0)	12 (0.8)	45 (1.6)	29 (1.6)
Finland	11 (0.5)	89 (0.5)	62 (0.8)	25 (0.8)	2 ~
France	1 ~	99 (0.2)	33 (0.9)	50 (0.7)	16 (0.8)
Georgia	12 (0.6)	88 (0.6)	4 (0.4)	44 (1.0)	40 (1.1)
Germany	s 14 (0.8)	86 (0.8)	s 12 (0.8)	47 (1.2)	27 (1.1)
Hong Kong SAR	11 (0.5)	89 (0.5)	5 (0.4)	51 (0.9)	33 (0.8)
Hungary	r 21 (1.0)	79 (1.0)	r 14 (0.8)	41 (1.0)	25 (0.9)
Iran, Islamic Rep. of ☒	17 (1.4)	83 (1.4)	9 (0.6)	40 (1.1)	34 (1.4)
Ireland	0 ~	100 (0.0)	25 (1.0)	58 (1.0)	17 (0.6)
Israel ☒	s 20 (0.8)	80 (0.8)	s 13 (0.6)	38 (0.9)	30 (1.1)
Italy	7 (0.5)	93 (0.5)	26 (0.8)	53 (0.8)	13 (0.6)
Jordan	4 (0.6)	96 (0.6)	6 (0.6)	31 (1.5)	58 (1.6)
Kazakhstan	26 (1.3)	74 (1.3)	10 (0.6)	46 (1.2)	17 (0.7)
Kosovo	3 (0.4)	97 (0.4)	27 (1.1)	53 (1.1)	16 (0.9)
Latvia	4 (0.4)	96 (0.4)	17 (0.8)	53 (1.3)	27 (1.1)
Macao SAR	22 (0.6)	78 (0.6)	9 (0.4)	57 (0.8)	13 (0.6)
Malta	r 29 (1.4)	71 (1.4)	r 17 (0.9)	43 (1.1)	10 (0.7)
Montenegro	17 (0.7)	83 (0.7)	5 (0.4)	40 (0.9)	38 (0.9)
Morocco	12 (0.9)	88 (0.9)	r 14 (1.0)	39 (1.7)	32 (1.9)
North Macedonia	15 (0.9)	85 (0.9)	19 (1.0)	49 (1.3)	17 (1.1)
Northern Ireland	s 4 (0.5)	96 (0.5)	s 11 (0.7)	54 (1.1)	31 (1.0)
Norway (5)	5 (0.4)	95 (0.4)	47 (1.3)	43 (1.1)	4 (0.4)
Oman	13 (0.6)	87 (0.6)	23 (0.9)	43 (0.9)	20 (0.9)
Poland	21 (0.7)	79 (0.7)	8 (0.6)	32 (0.9)	39 (1.2)
Portugal	15 (0.8)	85 (0.8)	16 (0.6)	55 (0.8)	14 (0.6)
Qatar	r 14 (0.9)	86 (0.9)	r 16 (0.9)	42 (1.2)	28 (1.2)
Russian Federation	11 (1.4)	89 (1.4)	16 (0.9)	48 (1.6)	25 (1.2)
Saudi Arabia	r 12 (0.6)	88 (0.6)	r 29 (1.0)	40 (1.1)	18 (0.9)
Serbia	17 (1.3)	83 (1.3)	12 (0.8)	49 (1.1)	22 (1.1)
Slovak Republic	11 (0.7)	89 (0.7)	19 (0.8)	53 (1.0)	17 (1.3)
Slovenia	0 ~	100 (0.0)	r 16 (0.7)	58 (0.9)	25 (0.9)
South Africa ☒	r 32 (1.1)	68 (1.1)	r 12 (0.6)	22 (0.8)	34 (1.3)
Spain	6 (0.5)	94 (0.5)	14 (0.7)	56 (0.8)	24 (1.0)
Sweden	s 46 (1.6)	54 (1.6)	s 34 (1.1)	18 (1.1)	2 ~
Turkiye	25 (1.4)	75 (1.4)	14 (1.2)	29 (1.2)	33 (1.8)
United Arab Emirates	s 16 (0.4)	84 (0.4)	s 19 (0.4)	43 (0.5)	22 (0.4)
Uzbekistan	6 (0.5)	94 (0.5)	28 (1.4)	53 (1.5)	12 (0.8)
International Average	13 (0.1)	87 (0.1)	19 (0.1)	45 (0.2)	22 (0.1)
Netherlands	x 7 (0.7)	93 (0.7)	x 35 (1.3)	49 (1.4)	9 (0.7)
New Zealand	x 0 ~	100 (0.0)	x 49 (1.5)	40 (1.2)	10 (0.9)
Lithuania	y - -	- -	y - -	- -	- -
Australia ☒	- -	- -	- -	- -	- -
England ☒	- -	- -	- -	- -	- -
Singapore	- -	- -	- -	- -	- -
United States	- -	- -	- -	- -	- -
Benchmarking Participants					
Alberta, Canada	s 14 (1.2)	86 (1.2)	s 20 (1.2)	51 (2.0)	15 (1.3)
British Columbia, Canada	s 18 (1.2)	82 (1.2)	s 26 (1.2)	46 (1.3)	10 (0.8)
Newfoundland & Labrador, Canada	s 8 (0.8)	92 (0.8)	s 32 (1.3)	51 (1.4)	9 (1.0)
Quebec, Canada	r 7 (0.6)	93 (0.6)	s 26 (1.0)	50 (1.1)	16 (0.8)
Moscow City, Russian Federation	9 (0.6)	91 (0.6)	18 (0.6)	47 (0.7)	25 (0.7)
South Africa (6) ☒	27 (1.2)	73 (1.2)	r 13 (0.8)	23 (1.0)	35 (1.2)
Abu Dhabi, UAE	s 17 (0.7)	83 (0.7)	s 17 (0.7)	42 (0.8)	24 (0.8)
Dubai, UAE	x 13 (0.7)	87 (0.7)	x 20 (1.0)	47 (1.0)	19 (0.8)

* If students' parents answered "No" that their child did not stay home from school at any time during the COVID-19 pandemic, the question about perceptions of their child's learning progress was considered "logically not applicable."

() 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 4: Parents' Perceptions of Their Child's Learning Progress During the COVID-19 Pandemic*Students' Results based on Parents' Reports*

About the Items

Did your child stay home at any time because of the COVID-19 pandemic?

Yes ----

No ----

(If No, thank you for completing this questionnaire)

Do you think your child's learning progress has been adversely affected?

A lot ----

Somewhat ----

Not at all ----

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