

**Exhibit 3: Weeks of Normal Primary School Operations Affected by the COVID-19 Pandemic**

Students' Results based on Principals' 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****Percent of Students by Number of Weeks Affected**

Country	Percent of Students by Number of Weeks Affected				
	School Operations Not Affected	Less than 2 Weeks of Instruction	2-4 Weeks of Instruction	5-8 Weeks of Instruction	More than 8 Weeks of Instruction
Albania	25 (3.8)	52 (4.3)	9 (2.8)	1 ~	13 (2.9)
Australia ☒	8 (1.5)	22 (1.8)	12 (2.1)	10 (2.0)	48 (2.4)
Austria	0 ~	1 ~	6 (2.3)	24 (3.7)	69 (3.9)
Azerbaijan	17 (3.0)	11 (2.7)	10 (2.0)	6 (1.8)	55 (3.9)
Bahrain	52 (2.9)	13 (1.8)	9 (1.1)	5 (1.0)	23 (2.4)
Belgium (Flemish)	3 (1.9)	21 (4.0)	29 (4.4)	12 (2.6)	34 (4.3)
Belgium (French)	4 (1.9)	14 (3.0)	58 (3.7)	13 (2.7)	10 (2.5)
Brazil ☒	19 (3.3)	6 (1.8)	6 (2.4)	3 (1.5)	65 (3.7)
Bulgaria	23 (3.6)	4 (1.8)	40 (4.5)	30 (3.9)	3 (1.3)
Chinese Taipei	77 (3.0)	19 (2.8)	3 (1.4)	1 ~	1 ~
Croatia	2 ~	5 (2.0)	26 (3.9)	33 (4.4)	35 (4.4)
Cyprus	2 ~	5 (1.6)	51 (3.8)	34 (4.2)	8 (2.4)
Czech Republic	0 ~	0 ~	0 ~	0 ~	100 (0.0)
Denmark	0 ~	1 ~	1 ~	8 (2.3)	91 (2.5)
Egypt	9 (1.9)	5 (1.9)	9 (2.5)	22 (3.4)	55 (3.7)
England ☒ r	26 (4.2)	11 (2.6)	6 (2.0)	16 (2.8)	42 (4.5)
Finland	17 (2.7)	11 (2.5)	10 (2.4)	14 (3.4)	47 (3.6)
France	3 (1.4)	50 (3.9)	20 (3.2)	9 (2.5)	18 (3.1)
Georgia	14 (2.4)	17 (2.7)	15 (2.9)	16 (2.9)	38 (3.3)
Germany r	0 ~	1 ~	0 ~	8 (2.0)	91 (2.0)
Hong Kong SAR	5 (1.9)	8 (2.3)	17 (3.3)	13 (2.7)	57 (4.0)
Hungary	0 ~	0 ~	3 (1.5)	36 (4.1)	61 (4.1)
Iran, Islamic Rep. of ☒	8 (2.2)	6 (1.7)	8 (1.8)	15 (3.4)	62 (4.0)
Ireland	0 ~	0 ~	0 ~	0 ~	100 (0.0)
Israel ☒ r	6 (2.0)	5 (1.8)	14 (2.8)	34 (3.7)	41 (4.2)
Italy	6 (1.7)	6 (2.0)	44 (3.8)	21 (3.4)	23 (3.1)
Jordan	11 (2.7)	7 (1.9)	13 (3.1)	7 (2.0)	63 (4.1)
Kazakhstan	35 (3.3)	8 (2.2)	9 (2.0)	15 (2.8)	32 (3.6)
Kosovo	9 (2.3)	39 (4.0)	38 (4.1)	4 (1.8)	10 (2.7)
Latvia	1 ~	1 ~	3 (1.7)	1 ~	93 (2.0)
Lithuania s	2 ~	1 ~	1 ~	7 (2.3)	90 (2.7)
Macao SAR	36 (0.1)	3 (0.0)	3 (0.0)	11 (0.0)	46 (0.1)
Malta	8 (4.4)	14 (4.9)	61 (7.6)	9 (3.5)	8 (3.6)
Montenegro	2 ~	6 (0.9)	14 (0.3)	40 (0.7)	38 (0.5)
Morocco	22 (3.2)	6 (1.9)	5 (1.9)	5 (1.5)	62 (3.8)
Netherlands r	3 (1.7)	2 ~	7 (2.4)	35 (5.7)	53 (6.1)
New Zealand r	0 ~	0 ~	0 ~	0 ~	100 (0.0)
North Macedonia	34 (3.5)	9 (2.4)	28 (4.6)	3 (1.7)	26 (4.1)
Northern Ireland	1 ~	0 ~	0 ~	8 (2.5)	92 (2.6)
Norway (5)	12 (2.6)	11 (2.6)	13 (3.0)	13 (2.9)	51 (4.1)
Oman	15 (2.5)	13 (2.4)	24 (3.1)	15 (2.3)	34 (3.5)
Poland	1 ~	1 ~	0 ~	0 ~	98 (1.2)
Portugal	6 (1.8)	4 (1.5)	8 (2.0)	44 (3.8)	37 (3.7)
Qatar	24 (3.5)	13 (2.9)	14 (2.7)	7 (1.8)	41 (3.4)
Russian Federation	61 (3.8)	14 (2.3)	20 (3.1)	2 ~	3 (1.1)
Saudi Arabia	22 (3.7)	13 (3.1)	12 (2.8)	12 (2.6)	40 (4.6)
Serbia	29 (3.9)	4 (1.6)	19 (3.0)	15 (2.8)	33 (4.2)
Slovak Republic	0 ~	3 (1.3)	12 (2.7)	37 (3.5)	48 (4.1)
Slovenia r	3 (2.0)	4 (1.5)	2 ~	8 (2.5)	83 (3.4)
South Africa ☒	16 (3.0)	15 (2.6)	28 (4.0)	14 (2.6)	28 (3.3)
Spain	34 (2.9)	18 (2.4)	18 (2.4)	13 (2.2)	17 (2.1)
Sweden r	34 (4.3)	12 (3.3)	10 (2.9)	10 (2.6)	34 (5.0)
Turkiye	3 (1.2)	3 (1.3)	3 (1.3)	8 (2.1)	83 (2.9)
United Arab Emirates s	45 (2.4)	15 (1.3)	8 (0.2)	6 (1.7)	26 (2.1)
United States	3 (1.9)	4 (2.1)	13 (3.8)	8 (3.2)	72 (5.6)
Uzbekistan	14 (3.2)	23 (3.9)	28 (3.3)	10 (2.2)	25 (3.7)
<b>International Average</b>	<b>14 (0.3)</b>	<b>10 (0.3)</b>	<b>15 (0.4)</b>	<b>13 (0.4)</b>	<b>47 (0.4)</b>
* Singapore	--	--	--	--	--
<b>Benchmarking Participants</b>					
Alberta, Canada r	0 ~	14 (3.8)	37 (5.2)	13 (3.7)	37 (5.0)
British Columbia, Canada r	43 (4.7)	10 (2.8)	14 (3.3)	2 ~	31 (3.9)
Newfoundland & Labrador, Canada r	0 ~	1 ~	59 (7.7)	27 (5.5)	13 (6.0)
Quebec, Canada	14 (4.2)	24 (4.5)	23 (4.8)	21 (4.4)	18 (4.5)
Moscow City, Russian Federation	46 (3.5)	25 (3.2)	22 (3.1)	5 (1.8)	2 ~
South Africa (6) ☒	21 (3.9)	13 (2.7)	25 (3.3)	14 (3.0)	28 (3.5)
Abu Dhabi, UAE r	49 (3.0)	12 (1.1)	7 (0.3)	3 (1.0)	29 (2.6)
Dubai, UAE s	38 (0.4)	15 (0.2)	13 (0.3)	6 (0.3)	28 (0.3)

( ) 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.

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

\* In Singapore, all primary schools were closed for a total of 4 weeks, during which all students shifted to full home-based learning, followed by fourth grade students alternating between home-based learning and returning to school for lessons on a weekly basis for 4 weeks. See *PIRLS 2021 Encyclopedia* for more details.

**Exhibit 3: Weeks of Normal Primary School Operations Affected by the COVID-19 Pandemic***Students' Results based on Principals' Reports***About the Item**

**Please estimate the number of weeks during the current academic year where normal primary school operations have been affected by the COVID-19 pandemic.**

- Normal primary school operations have not  
been affected by the COVID-19 pandemic -----
- Less than two weeks of instruction -----
- Two to four weeks of instruction -----
- Five weeks to eight weeks of instruction -----
- More than eight weeks of instruction -----

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



**TIMSS & PIRLS**  
International Study Center  
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