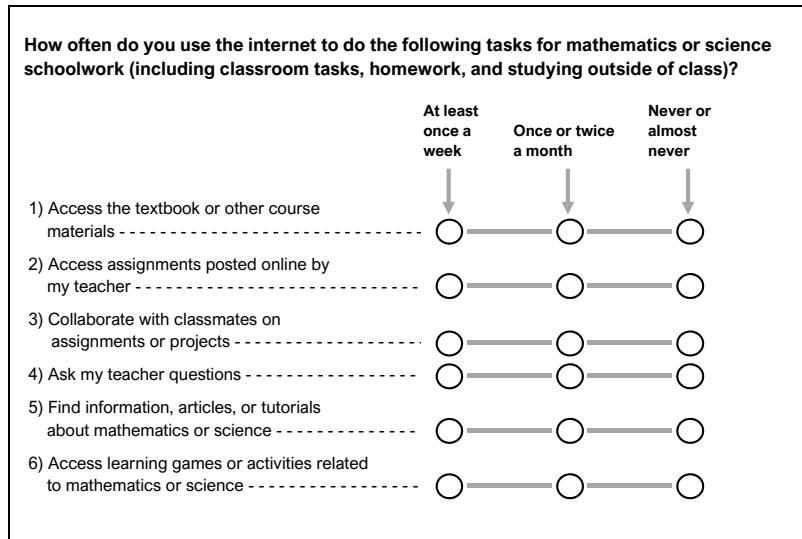


Exhibit 6.4.6: Student Use of Internet for Schoolwork

About the Items

Exhibit 6.4.7 reports the percentage of students who responded “at least once a week” to each of six items.



SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2023
Downloaded from <https://timss2023.org/results>

Exhibit 6.4.7: Student Use of Internet for Schoolwork

Percent of Students Who Use the Internet for Schoolwork at Least Once a Week

Country	Access the Textbook or Other Course Materials	Access Assignments Posted Online by Teacher	Collaborate with Classmates on Assignments or Projects	Ask the Teacher Questions	Find Information, Articles, or Tutorials about Mathematics or Science	Access Learning Games or Activities Related to Mathematics or Science
Australia	65 (1.0)	71 (1.1)	47 (1.0)	48 (1.0)	46 (1.0)	36 (1.0)
Austria	42 (1.2)	33 (1.8)	27 (1.1)	25 (0.8)	27 (0.8)	11 (0.6)
Azerbaijan	r 53 (0.8)	r 36 (1.0)	r 41 (0.9)	r 46 (1.0)	r 46 (1.0)	r 36 (1.0)
Bahrain	58 (1.0)	63 (0.9)	53 (0.9)	48 (0.8)	45 (0.8)	35 (0.7)
Brazil	52 (0.8)	39 (1.6)	60 (0.7)	46 (0.8)	43 (0.8)	27 (0.7)
Chile	35 (0.9)	32 (1.2)	56 (1.1)	37 (0.8)	44 (0.9)	22 (0.9)
Chinese Taipei	30 (0.9)	24 (1.1)	26 (0.7)	26 (0.7)	24 (0.8)	18 (0.7)
Cote d'Ivoire	25 (1.1)	20 (1.1)	25 (1.5)	23 (1.3)	28 (1.3)	25 (1.1)
Cyprus	36 (1.0)	33 (1.3)	23 (0.8)	36 (0.8)	27 (0.8)	16 (0.6)
Czech Republic	50 (0.9)	39 (1.5)	35 (0.8)	28 (0.7)	33 (0.8)	22 (0.7)
England	44 (1.4)	70 (1.5)	26 (1.0)	38 (0.9)	35 (1.1)	26 (1.1)
Finland	38 (1.4)	44 (1.3)	32 (1.0)	20 (0.8)	24 (0.8)	17 (0.8)
France	46 (1.3)	63 (1.2)	47 (1.0)	27 (1.0)	29 (0.9)	14 (0.7)
Georgia	54 (0.9)	r 52 (1.2)	r 38 (1.3)	r 26 (1.1)	r 49 (1.2)	r 36 (1.2)
Hong Kong SAR	47 (1.4)	48 (1.3)	33 (0.9)	30 (1.0)	36 (1.2)	26 (0.7)
Hungary	38 (0.7)	43 (1.4)	35 (0.9)	19 (0.7)	28 (0.8)	16 (0.7)
Iran, Islamic Rep. of	59 (0.9)	62 (1.0)	54 (0.9)	60 (1.0)	48 (0.8)	28 (0.8)
Ireland	59 (1.5)	69 (1.9)	31 (1.4)	38 (1.1)	35 (1.3)	16 (0.8)
Israel	51 (1.2)	44 (1.4)	42 (1.0)	48 (0.9)	41 (0.9)	21 (0.7)
Italy	61 (1.0)	77 (0.9)	32 (0.9)	41 (0.9)	31 (0.8)	14 (0.8)
Japan	23 (0.8)	20 (1.1)	16 (1.0)	9 (0.6)	13 (0.7)	10 (0.7)
Jordan	61 (1.0)	51 (0.9)	49 (0.9)	54 (1.0)	55 (1.0)	40 (0.9)
Kazakhstan	58 (0.8)	55 (1.0)	58 (0.8)	42 (0.7)	61 (0.7)	41 (0.8)
Korea, Rep. of	45 (0.9)	39 (1.0)	32 (0.8)	18 (0.8)	37 (0.8)	25 (0.8)
Kuwait	69 (0.9)	63 (1.0)	56 (0.9)	54 (1.4)	59 (1.1)	32 (0.9)
Lithuania	51 (0.9)	55 (1.1)	47 (0.8)	31 (0.9)	51 (0.8)	30 (0.7)
Malaysia	47 (0.8)	41 (0.9)	53 (0.9)	46 (0.8)	45 (0.8)	32 (0.6)
Malta	62 (0.8)	72 (0.7)	40 (0.8)	43 (0.9)	40 (0.7)	21 (0.7)
Morocco	65 (0.9)	48 (1.2)	48 (0.8)	59 (0.8)	55 (0.9)	36 (0.9)
Oman	66 (0.8)	53 (0.8)	59 (0.8)	47 (0.7)	50 (0.7)	34 (0.8)
Palestinian Nat'l Auth.	64 (0.9)	53 (0.9)	48 (1.0)	56 (0.8)	r 54 (1.0)	r 42 (0.9)
Portugal	50 (0.9)	63 (1.5)	60 (0.9)	33 (0.7)	39 (0.9)	24 (0.7)
Qatar	67 (0.9)	78 (1.0)	51 (1.3)	51 (1.1)	49 (1.1)	37 (1.1)
Romania	43 (1.3)	36 (1.4)	43 (1.1)	31 (1.2)	52 (1.0)	34 (1.1)
Saudi Arabia	80 (0.7)	78 (0.7)	64 (0.8)	57 (0.7)	52 (0.8)	40 (0.9)
Singapore	61 (1.1)	69 (1.5)	44 (1.2)	32 (1.0)	47 (1.0)	29 (0.9)
South Africa (9)	56 (0.7)	32 (0.9)	48 (0.8)	54 (0.7)	41 (0.7)	33 (0.6)
Sweden	66 (1.0)	79 (0.9)	45 (1.1)	50 (0.9)	55 (1.0)	31 (0.8)
Türkiye	56 (0.9)	58 (1.2)	27 (1.0)	32 (0.9)	55 (1.0)	24 (0.8)
United Arab Emirates	72 (0.4)	78 (0.4)	60 (0.5)	57 (0.5)	62 (0.4)	45 (0.5)
United States	57 (1.1)	78 (1.4)	48 (0.9)	49 (0.8)	48 (1.1)	37 (0.9)
Uzbekistan	62 (1.2)	r 57 (1.2)	52 (1.0)	r 63 (1.2)	r 53 (1.1)	51 (1.1)
International Average	53 (0.2)	53 (0.2)	43 (0.2)	40 (0.1)	43 (0.1)	28 (0.1)
Norway (9)	--	--	--	--	--	--
Benchmarking Participants						
Abu Dhabi, UAE	70 (0.5)	73 (0.8)	58 (0.8)	56 (0.8)	58 (0.7)	44 (0.8)
Dubai, UAE	73 (0.6)	82 (0.8)	58 (1.0)	54 (0.9)	60 (0.8)	38 (1.0)
Sharjah, UAE	72 (1.0)	78 (1.0)	62 (1.4)	57 (1.4)	64 (1.0)	47 (1.3)

() 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. A dash (-) indicates comparable data not available.