

Table SK12-5

**Male-female difference in average scores of 15-year-old students on the PISA mathematics and science literacy scale, by education system: 2018**

(Average score difference)

Education system	Male-female score difference in mathematics	Male-female score difference in science	OECD country and education system
<b>OECD average</b>	5 *	-2 *	na
Albania	-5	-16 *	No
Argentina	15 *	10	No
Australia	6 *	2	Yes
Austria	13 *	2 *	Yes
Baku (Azerbaijan) <sup>b</sup>	8 *	-5	No
Belarus	6	3	No
Belgium	12 *	5	Yes
Bosnia and Herzegovina	3	-1	No
Brazil <sup>a</sup>	9 *	-2 *	No
Brunei Darussalam	-8 *	-7 *	No
B-S-J-Z (China)	11 *	13 *	No
Bulgaria <sup>a</sup>	-2	-15	No
Canada	5 *	-3	Yes
Chile	7 *	3	Yes
Chinese Taipei	4	1 *	No
Colombia <sup>a</sup>	20 *	12 *	Yes
Costa Rica <sup>a</sup>	18 *	9	No
Croatia	9 *	-4 *	No
Cyprus	-8 *	-21	No
Czechia	4	-2	Yes
Denmark	4	-2 *	Yes
Dominican Republic <sup>a</sup>	-3	-10 *	No
Estonia	8 *	-5 *	Yes
Finland	-6 *	-24	Yes
France	6 *	-2 *	Yes
Georgia	-4	-14	No
Germany	7 *	-1 *	Yes
Greece	#	-11 *	Yes
Hong Kong (China)	-6	-9	No
Hungary	9 *	6 *	Yes
Iceland	-10 *	-8 *	Yes
Indonesia	-10 *	-7	No
Ireland	6	-1 *	Yes
Israel	-9	-19	Yes
Italy	16 *	3	Yes
Japan	10 *	3 *	Yes
Jordan <sup>a</sup>	-6	-29 *	No
Kazakhstan	1	-7	No
South Korea	4	4 *	Yes
Kosovo	4	-6 *	No
Latvia	7 *	-8	Yes
Lebanon	#	-5 *	No
Lithuania	-2	-6 *	Yes
Luxembourg	7 *	-5	Yes
Macau (China)	4	-2 *	No

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(Average score difference)

Education system	Male-female score difference in mathematics		Male-female score difference in science		OECD country and education system
Malaysia <sup>a</sup>	-7	*	-6	*	No
Malta	-13	*	-21	*	No
Mexico <sup>a</sup>	12	*	9	*	Yes
Moldova, Republic of	-2		-11		No
Montenegro, Republic of	8	*	-5	*	No
Morocco <sup>a</sup>	1		-9	*	No
Netherlands	1		-8		Yes
New Zealand	9	*	2	*	Yes
North Macedonia	-7	*	-19	*	No
Norway	-7	*	-11		Yes
Panama <sup>a</sup>	8	*	#	*	No
Peru <sup>a</sup>	16	*	13		No
Philippines <sup>a</sup>	-12	*	-3		No
Poland	1		#		Yes
Portugal	9	*	5	*	Yes
Qatar	-24	*	-39		No
Romania <sup>a</sup>	5		-1		No
Russia	5	*	1	*	No
Saudi Arabia	-13	*	-29		No
Serbia	3		-5		No
Singapore	4		4		No
Slovakia	5		-6	*	Yes
Slovenia	1		-10		Yes
Spain	6	*	1	*	Yes
Sweden	-1		-8		Yes
Switzerland	7	*	#	*	Yes
Thailand <sup>a</sup>	-16	*	-20	*	No
Turkey <sup>a</sup>	5		-7		Yes
Ukraine	7		2	*	No
United Arab Emirates	-9	*	-26		No
United Kingdom	12	*	1		Yes
<b>United States</b>	<b>9</b>	<b>*</b>	<b>1</b>		<b>Yes</b>
Uruguay	8	*	3		No

\*  $p < 0.05$ . Difference between male and female scores at the country level is significantly different at the 0.05 level of statistical significance. # = rounds to zero. na = not applicable.

OECD = Organisation for Economic Co-operation and Development; PISA = Program for International Student Assessment.

<sup>a</sup> At least 50% but less than 75% of the 15-year-old population is covered by the PISA sample.

<sup>b</sup> Less than 50% of the 15-year-old population is covered by the PISA sample.

**Note(s):**

The scale of mathematics and science scores is 0–1,000. The OECD average is the average of the national averages of the OECD member countries, with each country weighted equally. B-S-J-Z (China) refers to the four PISA-participating China provinces: Beijing, Shanghai, Jiangsu, and Zhejiang.

**Source(s):**

OECD, PISA, 2018. <https://nces.ed.gov/surveys/pisa/pisa2018/index.asp#/science/intlcompare>.

