

Table SK12-10

**Average CIL and CT scores of U.S. students in grade 8, by sex, race or ethnicity, and school poverty level: 2018**

(Average score)

Race or ethnicity	Average CIL score		Average CT score	
United States <sup>a</sup>	519		498	
Sex				
Male	508		502	
Female	531	*	495	
Race or ethnicity				
White	540		526	
Black	475	*	432	*
Hispanic <sup>b</sup>	502	*	476	*
Asian	563	*	549	*
Native Hawaiian or Pacific Islander	473	*	431	*
American Indian or Alaska Native	470	*	437	*
Two or more races	491	*	460	*
School poverty level (%) <sup>c</sup>				
Less than 10.0	564		557	
10.0–24.9	550		534	*
25.0–49.9	529	*	513	*
50.0–74.9	506	*	481	*
75.0 or more	476	*	444	*

\*  $p < 0.05$ . Significantly different from the male estimate, the White estimate, or the estimate for schools with less than 10% of students eligible for free or reduced-price lunch at the 0.05 level of statistical significance.

CIL = computer and information literacy; CT = computational thinking.

<sup>a</sup> Did not meet the guidelines for a sample participation rate of 85% and is not included in the international average.

<sup>b</sup> Hispanic may be any race; race categories exclude Hispanic origin.

<sup>c</sup> School poverty level is the percentage of students in public school eligible for free or reduced-price lunch.

**Note(s):**

The scale of CIL and CT scores is 100–700.

**Source(s):**

International Association for the Evaluation of Educational Achievement (IEA), International Computer and Information Literacy Study (ICILS), 2018. <https://nces.ed.gov/surveys/icils/icils2018/theme1.asp?tabontop>.

*Science and Engineering Indicators*