



APPENDIX TABLE 1-5 

**Average scores of students in grade 8 on the main NAEP technology and engineering literacy assessment and the percentage scoring proficient or above, by student characteristics: 2014**

(Average score)

Characteristic	Average scale score	Percentage scoring proficient or above
All students in grade 8	150	43.3
Sex		
Male	149	41.8
Female	151	44.8
Race or ethnicity <sup>a</sup>		
White	160	55.6
Black	128	18.4
Hispanic <sup>b</sup>	138	27.9
Asian or Pacific Islander	159	54.0
American Indian or Alaska Native	146	41.6
More than one race	154	45.0
Parents' highest education		
Did not finish high school	133	20.4
Graduated from high school	137	27.4
Some education after high school	152	43.6
Graduated from college	159	55.2
Socioeconomic status <sup>c</sup>		
Eligible for free or reduced-price lunch	135	25.2
Not eligible for free or reduced-price lunch	163	59.3
Student disability status <sup>d</sup>		
Has a disability	116	13.0
Does not have a disability	155	47.0
English language learner status <sup>d</sup>		
English language learner	108	4.8



Characteristic	Average scale score	Percentage scoring proficient or above
Not English language learner	152	45.3
Percentiles		
10th percentile	104	NA
25th percentile	127	NA
50th percentile	152	NA
75th percentile	175	NA
90th percentile	193	NA

NA = not available.

NAEP = National Assessment of Educational Progress.

<sup>a</sup> Other racial and ethnic groups are included but are not shown separately.

<sup>b</sup> Hispanic may be any race. American Indian or Alaska Native, Asian or Pacific Islander, black, white, and more than one race refer to individuals who are not of Hispanic origin.

<sup>c</sup> NAEP uses eligibility for the federal National School Lunch Program (NSLP) as a measure of socioeconomic status. NSLP is a federally assisted meal program that provides low-cost or free lunches to eligible students. It is sometimes referred to as the free or reduced-price lunch program.

<sup>d</sup> From 1996 on, students with a disability and English language learners were allowed to use testing accommodation (e.g., extended time, one-on-one testing, bilingual dictionary). More information about testing accommodation is available at <https://nces.ed.gov/nationsreportcard/about/inclusion.asp>.

**Note(s)**

Main NAEP technology and engineering literacy assessment scores range from 0 to 300.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2016) of main NAEP 2014 technology and engineering literacy (TEL) assessment, National Center for Education Statistics.

*Science and Engineering Indicators 2018*