

TABLE 1-15

### Highest-level mathematics course enrollment of high school completers, by socioeconomic status within race or ethnicity: 2013

(Percent)

Student and family characteristic	Algebra 1 or lower	Geometry	Algebra 2	Trigonometry or other	Pre-calculus	Calculus or higher
All students	2.9	7.8	24.4	23.8	21.8	19.3
White						
Lowest fifth SES	8.0	8.6	37.2	23.6	14.8	7.8
Middle three-fifths SES	3.6	8.0	25.4	23.7	22.3	17.1
Highest fifth SES	0.5	2.6	10.5	18.6	30.2	37.6
Black						
Lowest fifth SES	3.5	4.1	32.4	38.5	18.5	3.1
Middle three-fifths SES	2.3	5.4	27.3	34.7	21.0	9.4
Highest fifth SES	0.5	4.8	15.2	33.4	23.9	22.2
Hispanic <sup>a</sup>						
Lowest fifth SES	3.2	18.6	23.7	25.6	17.0	11.9
Middle three-fifths SES	3.1	11.2	29.0	23.8	18.5	14.5
Highest fifth SES	0.6	7.3	18.6	16.6	31.9	25.1
Asian						
Lowest fifth SES	0.0	8.0	19.2	16.9	25.8	30.0
Middle three-fifths SES	1.4	1.7	12.4	18.5	20.9	45.1
Highest fifth SES	0.0	1.9	4.8	6.3	24.3	62.7

SES = socioeconomic status.

<sup>a</sup> Hispanic may be any race. Asian, black, and white refer to individuals who are not of Hispanic origin.

**Note(s)**



Trigonometry or other includes trigonometry, probability and statistics, and other advanced mathematics. Calculus or higher includes calculus, Advanced Placement or International Baccalaureate (AP/IB) calculus, and other AP/IB mathematics. SES is a composite variable derived from parental education level, parental occupation, and family income. The quintile measure divides the SES distribution into five equal quintile groups. Quintile 1 corresponds to the lowest one-fifth of the population, and quintile 5 corresponds to the highest. For this report, the middle three quintiles are combined into one category.

**Source(s)**

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National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2016) of High School Longitudinal Study of 2009 (HLS:09), National Center for Education Statistics. See Appendix Table 1-23.

*Science and Engineering Indicators 2018*