



TABLE 1-17 

### Science course enrollment of high school completers, by socioeconomic status within race or ethnicity: 2013

(Percent)

Student and family characteristic	General science	AP/IB or advanced science	No biology	General biology	AP/IB or advanced biology	No chemistry	General chemistry	AP/IB or advanced chemistry	No physics	General physics	AP/IB or advanced physics
All students	78.6	21.3	2.5	86.1	11.5	24.4	67.9	7.7	58.5	36.4	5.1
White											
Lowest fifth SES	89.7	10.1	2.7	91.9	5.5	40.3	55.4	4.4	72.3	26.7	1.0
Middle three-fifths SES	80.9	18.9	2.4	87.0	10.6	26.8	66.3	6.9	62.7	33.2	4.0
Highest fifth SES	62.3	37.8	2.2	79.2	18.6	11.4	73.8	14.7	44.0	46.2	9.8
Black											
Lowest fifth SES	89.2	10.2	2.3	90.9	6.9	25.0	69.9	5.1	66.6	28.9	4.5
Middle three-fifths SES	85.5	14.5	0.6	90.2	9.2	25.7	71.5	2.8	61.8	37.0	1.3
Highest fifth SES	69.3	30.7	1.9	80.8	17.3	14.9	80.6	4.5	51.5	43.5	5.0
Hispanic <sup>a</sup>											
Lowest fifth SES	89.0	10.7	4.3	88.6	7.2	32.5	65.3	2.2	65.8	33.1	1.1





Student and family characteristic	General science	AP/IB or advanced science	No biology	General biology	AP/IB or advanced biology	No chemistry	General chemistry	AP/IB or advanced chemistry	No physics	General physics	AP/IB or advanced physics
Lowest fifth SES	93.3	6.7	1.6	95.9	2.5	46.5	50.7	2.8	73.2	26.8	0.0
Middle three-fifths SES	81.8	18.2	2.5	87.2	10.2	27.1	67.4	5.5	63.5	31.9	4.6
Highest fifth SES	70.4	29.6	3.5	82.1	14.4	16.5	71.6	12.0	46.4	44.3	9.3

s = suppressed for reasons of confidentiality and/or reliability.

AP/IB = Advanced Placement/International Baccalaureate; SES = socioeconomic status.

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

<sup>b</sup> Other includes Alaska Native, American Indian, Native Hawaiian, Pacific Islander, and those having origins in a race not listed.

**Note(s)**

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)**

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2016) of High School Longitudinal Study of 2009 (HSL:09), National Center for Education Statistics.

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