



APPENDIX TABLE 1-28 

Fall 2009 ninth graders considering a STEM major (among those with an identified major), by program level and student, family, and school characteristics: 2013

(Percent)

Characteristic	Overall	Bachelor's degree program	Associate's degree program	Other programs ^a
All students	23.3	31.9	17.4	15.3
Sex				
Male	33.3	41.4	28.2	25.3
Female	14.5	23.6	7.9	6.5
Race or ethnicity				
White	24.8	31.9	17.9	15.8
Black	15.5	22.9	12.3	11.1
Hispanic ^b	19.8	27.9	16.2	17.6
Asian	41.9	52.5	26.9	28.8
Other ^c	25.3	43.6	s	s
Two or more races	22.7	32.7	19.6	10.1
SES ^d				
Lowest fifth	16.8	28.6	15.1	11.6
Middle three-fifths	21.7	29.6	17.1	16.0
Highest fifth	30.3	35.4	20.4	19.2
Parents' highest education ^e				
Less than high school	18.0	31.8	16.6	14.1
High school diploma or equivalent	18.2	27.4	14.5	14.8
Associate's degree	19.7	29.6	15.2	12.6
Bachelor's degree or higher	27.5	31.5	23.3	20.7
Master's degree or higher	30.3	36.4	18.6	14.4
Grade 11 mathematics achievement				
Lowest fifth	11.8	17.1	10.2	11.8
Middle three-fifths	17.1	20.9	15.5	14.0



Characteristic	Overall	Bachelor's degree program	Associate's degree program	Other programs ^a
Highest fifth	39.9	44.5	30.9	26.5
School				
Public	23.2	32.7	17.3	15.4
Private	25.2	28.6	19.1	13.7

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

SES = socioeconomic status; STEM = science, technology, engineering, or mathematics.

^a Other programs include "certificate or diploma program (occupational training)," "no program, just taking courses," "other," and "don't know."

^b Hispanic may be any race. Asian, black, white, and other races refer to individuals who are not of Hispanic origin.

^c Other includes Alaska Native, American Indian, Native Hawaiian, Pacific Islander, more than one race, and those having origins in a race not listed.

^d 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.

^e This refers to the highest level of education achieved by either parent.

Note(s)

About 10% of fall 2009 ninth graders who were taking or planning to take postsecondary classes in 2013 indicated that they did not have a major they were considering.

Source(s)

Dalton B, Ingels SJ, Fritch L, *High School Longitudinal Study of 2009 (HSL:09) 2013 Update and High School Transcript Study: A First Look at Fall 2009 Ninth-Graders in 2013*, NCES 2015-037rev (2016).

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