

TABLE 2-8. Intentions of freshmen to major in S&E fields, by race or ethnicity and sex: 2014

(Percent)

Race or ethnicity and sex	All S&E majors	Biological and agricultural sciences	Engineering	Mathematics, statistics, and computer sciences	Physical sciences	Social and behavioral sciences
All races and ethnicities	44.6	13.8	13.8	4.9	2.5	9.6
Female	37.5	15.8	5.8	2.1	2.1	11.7
Male	49.0	11.4	19.1	7.8	3.2	7.5
White	40.3	12.5	11.7	4.5	2.8	8.8
Female	35.3	14.6	5.6	2.3	2.3	10.5
Male	46.6	10.2	18.5	7.2	3.6	7.1
Asian American or Asian ^a	54.2	19.1	15.4	8.7	2.6	8.4
Female	47.3	22.3	8.4	4.4	2.4	9.8
Male	61.0	15.7	22.7	13.2	2.6	6.8
Black	40.4	14.3	9.0	4.0	1.9	11.2
Female	39.8	16.6	5.0	2.0	2.0	14.2
Male	41.1	10.8	14.6	6.8	2.0	6.9
Hispanic or Latino	45.1	13.3	12.1	4.1	2.0	13.6
Female	41.6	15.4	5.2	2.3	1.5	17.2
Male	50.7	10.5	22.1	6.6	2.9	8.6
American Indian or Alaska Native	30.0	13.0	5.3	2.2	4.3	5.2
Female	32.4	14.0	5.8	1.3	4.1	7.2
Male	28.1	11.7	5.8	3.5	4.5	2.6

S&E = science and engineering.

^a Includes Native Hawaiian or Pacific Islander.

NOTES: Includes first-year students at all 4-year colleges. Race and ethnicity categories are those used in survey's data collection. Physical sciences includes physics; chemistry; astronomy; and earth, atmospheric, and ocean sciences. Students may check more than one race or ethnicity (e.g., white and Hispanic or Latino).

SOURCE: Higher Education Research Institute, University of California at Los Angeles, special tabulations (2014) of the Survey of the American Freshman.