

Appendix table 2-8

Freshmen reporting need for remediation in mathematics or science, by sex and intended major: 1977 and 2002

(Percent)

Intended major	1977						2002					
	Science			Mathematics			Science			Mathematics		
	All	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female
All S&E	7.8	6.0	11.3	19.1	16.0	25.1	9.7	6.8	13.3	20.2	14.9	26.9
Mathematics	5.9	4.8	7.2	2.8	2.1	3.8	5.6	4.6	6.6	4.7	4.6	4.7
Physical sciences ^a	5.9	4.0	10.8	16.0	12.9	24.4	8.3	5.4	12.1	14.7	10.0	20.7
Computer sciences	7.5	6.0	9.8	14.6	13.0	17.2	6.2	4.8	14.1	16.1	14.0	28.0
Biological/agricultural sciences.....	7.2	5.8	9.0	22.7	20.5	25.7	12.2	8.9	14.2	22.8	16.7	26.5
Social/behavioral sciences.....	10.5	6.9	13.3	27.5	22.5	31.5	11.1	7.1	13.1	27.9	20.5	31.6
Engineering	6.9	6.3	12.5	13.3	13.3	12.7	8.1	7.0	13.3	14.0	13.4	16.9
Non-S&E.....	11.8	8.4	14.7	26.7	23.2	29.6	10.7	8.1	12.5	24.7	20.8	27.3

^aPhysical sciences include physics, chemistry, astronomy, and earth, atmospheric, and ocean sciences.

SOURCE: Higher Education Research Institute, University of California at Los Angeles, Survey of the American Freshman: National Norms, special tabulations, 2003.