

Appendix table 2-6

Freshmen intending S&E major, by sex, race/ethnicity, and field: Selected years, 1975–2002

(Percent distribution)

(Page 1 of 4)

Sex, race/ethnicity, and field	1975	1977	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
All intending S&E major	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Physical sciences ^a	10.2	9.5	8.2	7.2	7.2	6.0	6.2	6.3	6.6	6.4	6.1	6.1	6.3	6.5	6.6	6.9	7.3	6.4	7.2	6.1	6.0	5.6	5.3	5.2	5.3	5.9	
Biological/agricultural sciences	28.5	23.3	20.0	17.6	17.0	15.1	15.8	17.3	16.6	17.3	17.4	16.9	17.0	17.9	19.9	22.1	23.9	24.9	26.3	24.7	24.3	23.3	22.8	20.5	20.9	22.2	
Mathematics/statistics	4.6	3.9	2.9	2.9	2.9	2.8	3.3	3.5	3.4	3.2	3.0	2.7	2.7	2.7	2.6	2.6	2.3	2.6	2.4	2.1	2.0	2.2	2.0	2.2	2.1	2.4	
Computer sciences	4.1	5.9	10.3	13.6	18.6	22.9	22.1	15.9	12.7	10.0	8.3	7.9	7.7	7.7	7.4	6.6	6.6	7.9	9.6	11.0	12.4	14.7	15.4	16.2	14.4	9.6	
Social/behavioral sciences	26.5	26.0	24.6	22.4	20.5	18.8	19.6	23.6	26.7	29.3	32.4	36.4	33.9	33.2	29.6	30.3	29.5	30.1	28.7	26.9	26.2	28.0	27.3	28.7	29.4	30.4	
Engineering	25.9	31.5	33.8	36.3	33.9	34.2	33.0	33.3	33.9	33.8	32.9	30.0	32.2	31.8	34.0	31.4	30.4	27.9	25.8	29.2	29.2	26.1	27.3	27.1	27.5	29.5	
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Physical sciences ^a	12.0	10.3	9.3	8.0	7.9	6.8	6.7	6.9	7.3	7.4	7.0	7.1	7.2	7.4	7.1	7.5	7.5	6.8	7.2	5.9	6.3	5.7	5.4	5.2	5.2	5.9	
Biological/agricultural sciences	26.1	20.1	17.6	15.6	15.1	13.3	13.9	14.8	14.1	14.5	14.8	15.2	14.8	15.6	16.6	18.7	20.4	20.7	20.7	18.4	17.5	16.9	15.5	13.9	14.1	15.0	
Mathematics/statistics	3.8	3.2	2.4	2.3	2.2	2.1	2.6	2.5	2.7	2.8	2.4	2.3	2.5	2.4	2.1	2.3	2.0	2.4	2.1	1.8	1.7	1.9	1.8	2.0	1.8	2.2	
Computer sciences	3.9	5.5	9.2	12.1	16.9	20.7	20.6	16.1	13.2	11.2	9.7	9.1	8.9	8.8	8.5	8.3	8.5	10.8	13.5	15.5	17.2	20.6	21.9	23.1	21.2	14.6	
Social/behavioral sciences	18.8	17.5	15.7	14.1	13.0	12.2	12.4	14.9	17.1	17.4	19.7	22.2	20.4	20.5	17.7	18.6	18.5	18.8	17.6	16.1	15.3	16.4	15.5	16.6	17.1	18.1	
Engineering	35.4	43.0	46.0	47.9	44.9	45.1	43.6	44.8	45.4	46.7	46.4	43.9	46.3	45.4	47.8	44.5	42.9	40.4	38.8	42.4	41.7	38.5	39.9	39.4	40.3	44.0	
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Physical sciences ^a	6.7	7.3	6.7	5.8	5.9	4.9	5.3	5.3	5.5	5.2	4.9	4.8	5.4	5.1	5.7	6.2	6.9	6.0	6.9	6.2	5.8	5.3	5.4	5.3	5.3	5.7	
Biological/agricultural sciences	33.5	28.8	24.2	21.3	20.1	18.2	18.7	21.7	21.1	21.4	21.1	19.4	19.8	21.0	24.2	26.8	28.2	30.2	33.1	32.6	33.0	31.2	32.0	28.8	29.9	31.1	
Mathematics/statistics	6.2	5.0	3.9	3.8	4.2	4.0	4.4	5.2	4.5	3.9	3.8	3.2	3.2	3.4	3.1	3.0	2.8	2.8	2.6	2.5	2.5	2.4	2.3	2.4	2.5	2.6	
Computer sciences	4.8	6.6	12.1	16.2	21.5	26.8	24.7	15.7	11.6	8.1	6.1	6.2	5.8	6.3	6.0	4.4	4.2	4.3	4.9	5.6	6.2	7.4	7.0	7.4	5.9	3.2	
Social/behavioral sciences	41.2	42.4	39.6	36.5	33.3	30.0	31.5	37.3	42.1	47.6	51.0	54.6	52.6	50.5	46.2	45.5	43.5	44.0	42.1	40.7	39.7	43.0	42.3	44.6	45.2	45.8	
Engineering	7.7	9.9	13.3	16.3	15.0	16.0	15.3	14.6	15.5	13.9	13.2	11.8	13.5	13.8	14.6	14.1	14.4	12.8	10.4	12.6	13.0	10.9	11.2	11.7	11.3	11.5	
White	33.2	30.0	30.0	31.4	32.7	34.1	34.5	32.8	31.7	29.2	27.8	27.8	29.6	29.3	30.5	30.7	31.7	30.8	30.9	32.3	32.8	30.5	31.7	30.6	31.9	31.3	
Physical sciences ^a	3.7	3.2	2.7	2.6	2.6	2.2	2.4	2.3	2.3	2.0	1.9	1.9	2.0	2.1	2.3	2.4	2.6	2.1	2.5	2.1	2.4	2.0	2.0	2.0	2.1	2.1	
Biological/agricultural sciences	9.6	7.1	6.2	5.8	5.7	5.3	5.5	5.7	5.3	5.0	4.7	4.7	5.1	5.4	6.0	6.8	7.6	8.8	9.0	8.9	8.6	7.7	7.9	6.6	7.0	7.0	
Mathematics/statistics	1.5	1.2	0.9	0.9	0.9	1.0	1.2	1.2	1.1	0.9	0.9	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.7	0.7	0.7	0.6	0.7	0.7	0.8		
Computer sciences	1.3	1.7	2.9	4.0	5.8	7.6	7.0	4.7	3.4	2.6	2.1	1.9	1.9	1.8	1.8	1.8	1.8	2.1	2.5	3.0	3.5	3.8	4.1	4.3	4.0	2.8	
Social/behavioral sciences	8.3	7.4	7.2	6.7	6.6	6.3	6.8	7.7	8.9	8.7	9.3	10.2	10.1	9.8	9.3	9.4	9.4	9.1	8.7	8.7	8.6	8.4	8.6	8.7	9.1	9.4	
Engineering	8.8	9.4	10.1	11.4	11.1	11.7	11.6	11.2	10.7	10.0	8.9	8.3	9.6	9.3	10.3	9.5	9.4	7.9	7.5	8.9	9.0	7.9	8.5	8.3	9.0	9.2	
Male	43.0	39.5	39.7	41.7	43.9	45.3	45.8	42.9	41.0	37.9	35.6	34.9	37.4	37.3	38.8	37.7	39.8	38.1	37.5	40.4	40.6	38.2	40.0	39.6	41.0	39.6	
Physical sciences ^a	5.5	4.5	4.0	3.7	3.8	3.3	3.4	3.2	3.2	3.1	2.8	3.0	3.0	3.2	3.1	3.1	3.3	2.9	2.9	2.7	3.0	2.4	2.4	2.5	2.6	2.8	
Biological/agricultural sciences	11.4	8.2	7.1	6.7	6.7	6.2	6.3	6.3	5.8	5.5	5.3	5.1	5.5	5.8	6.5	7.2	8.1	9.0	8.6	8.4	7.8	7.3	7.1	6.0	6.1	6.2	
Mathematics/statistics	1.6	1.3	1.0	1.0	0.9	0.9	1.3	1.1	1.2	1.1	1.0	0.9	1.0	1.0	0.9	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.9	0.7	0.9	
Computer sciences	1.5	2.1	3.5	4.8	7.2	9.2	9.1	6.5	5.1	4.0	3.3	3.0	3.1	2.9	3.0	2.9	3.2	3.8	4.6	5.6	6.4	7.1	7.7	8.2	7.7	5.5	
Social/behavioral sciences	7.8	6.6	5.9	5.8	5.8	5.4	5.6	6.3	7.2	6.5	7.0	7.8	7.8	7.6	7.1	7.1	7.6	7.1	6.9	6.7	6.3	6.0	6.3	6.7	7.0	7.2	
Engineering	15.2	16.8	18.2	19.7	19.5	20.3	20.1	19.5	18.5	17.7	16.2	15.1	17.0	16.8	18.2	16.4	16.7	14.4	13.7	16.2	16.4	14.7	15.8	15.3	16.9	17.0	
Female	22.7	20.3	21.0	21.6	22.5	23.6	23.5	23.2	22.9	21.8	20.9	22.5	22.7	22.7	23.1	24.0	25.2	24.9	25.3	25.7	25.8	24.0	24.9	23.8	24.2	23.9	
Physical sciences ^a	1.5	1.5	1.6	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.3	1.4	1.6	2.0	1.6	1.9	1.6	1.8	1.5	1.6	1.5	1.5	1.5	
Biological/agricultural sciences	7.8	6.2	5.2	5.0	4.8	4.5	4.5	5.0	4.9	4.7	4.3	4.5	4.5	4.9	5.7	6.5	7.3	8.6	9.1	9.3	9.3	8.3	8.8	7.5	7.6	7.6	
Mathematics/statistics	1.5	1.1	0.9	0.9	1.0	1.0	1.2	1.3	1.1	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	
Computer sciences	1.0	1.2	2.3	3.2	4.5	5.9	5.1	3.0	1.9	1.2	0.9	1.0	0.8	0.9	0.8	0.7	0.6	0.6	0.7	0.8	1.0	1.1	1.1	1.1	0.8	0.5	
Social/behavioral sciences	9.0	8.4	8.3	8.0	7.6	7.4	7.8	9.2	10.5	10.8	11.2	12.5	12.5	11.9	11.4	11.3	11.2	10.7	10.5	10.5	10.1	10.1	10.4	10.6	11.1	11.1	
Engineering	1.9	1.9	2.7	3.3	3.3	3.6	3.6	3.4	3.2	2.9	2.4	2.4	2.8	2.9	3.0	3.1	3.4	2.7	2.4	2.8	3.0	2.4	2.4	2.5	2.5	2.5	

Freshmen intending S&E major, by sex, race/ethnicity, and field: Selected years, 1975–2002

(Percent distribution)

Sex, race/ethnicity, and field	1975	1977	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Asian American	50.5	43.1	49.9	50.2	49.4	51.8	52.6	49.6	51.3	47.4	47.5	45.1	44.0	42.8	44.6	43.9	42.8	45.1	41.5	48.0	45.9	45.1	47.5	44.5	42.5	43.2
Physical sciences ^a	5.4	4.9	4.3	3.6	4.2	4.3	3.9	4.2	4.2	3.4	2.9	2.8	2.3	2.6	2.5	2.7	2.5	2.5	2.1	2.1	2.0	2.1	1.6	1.5	1.7	1.9
Biological/agricultural sciences	17.1	9.7	8.4	8.5	8.6	8.9	11.0	10.7	11.6	11.3	12.1	11.6	9.8	10.1	12.2	13.3	13.4	13.9	13.2	12.6	11.8	11.8	11.2	10.2	10.1	11.9
Mathematics/statistics	2.7	1.4	1.7	0.7	1.4	1.0	1.7	1.2	1.1	1.2	0.9	0.9	0.8	0.9	0.8	0.8	0.7	0.7	0.6	0.7	0.6	0.5	0.6	0.6	0.7	0.8
Computer sciences	2.4	3.5	4.6	6.3	6.8	8.7	8.8	5.9	3.0	4.2	3.7	3.2	2.4	3.0	3.5	2.3	2.7	4.3	5.2	7.6	7.9	9.2	12.6	11.0	9.3	4.6
Social/behavioral sciences	7.3	5.6	5.7	5.6	5.2	6.1	5.6	6.1	7.5	6.7	8.2	9.7	9.4	9.4	8.4	8.5	8.8	7.5	7.1	7.0	6.8	7.1	6.7	7.4	7.3	8.1
Engineering	15.6	18.0	25.2	25.5	23.2	22.8	21.6	21.5	23.9	20.6	19.7	16.9	19.3	16.8	17.2	16.3	14.7	16.2	13.3	18.0	16.8	14.4	14.8	13.8	13.4	15.9
Male	60.1	55.6	60.4	61.9	60.7	62.1	63.6	61.0	61.0	57.8	56.0	53.7	52.7	52.7	55.3	52.1	51.1	54.1	50.3	58.0	57.5	54.7	60.0	56.3	54.3	55.0
Physical sciences ^a	7.6	6.3	5.8	4.9	5.4	5.3	4.9	5.2	5.5	4.1	3.2	3.6	3.0	3.4	3.2	3.4	2.8	3.1	2.8	2.0	2.2	2.2	2.0	1.7	1.8	2.2
Biological/agricultural sciences	17.4	10.0	8.5	9.0	7.9	9.1	12.1	10.9	10.2	10.7	11.1	11.7	10.0	10.9	12.2	12.9	13.4	13.1	12.2	11.3	9.9	10.1	8.9	8.5	8.4	10.2
Mathematics/statistics	2.7	1.6	1.3	0.6	1.2	1.0	1.3	1.1	1.2	1.0	0.7	1.0	0.6	1.0	0.8	1.0	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.9
Computer sciences	2.8	3.5	4.4	5.0	6.3	7.7	9.0	6.1	3.1	5.0	4.6	4.1	3.3	4.3	5.4	3.6	4.2	6.7	8.0	11.6	12.5	14.2	19.4	17.8	15.5	8.1
Social/behavioral sciences	5.8	4.5	3.7	4.5	3.4	4.2	3.9	5.1	6.4	4.2	5.4	7.0	5.7	6.6	5.8	5.8	6.5	5.1	4.7	4.3	4.9	4.4	4.8	5.5	5.6	6.1
Engineering	23.8	29.7	36.7	37.9	36.5	34.8	32.4	32.6	34.6	32.8	31.0	26.3	30.1	26.5	27.9	25.4	23.6	25.5	22.0	28.1	27.4	23.2	24.3	22.1	22.3	27.5
Female	39.2	29.8	38.0	36.7	37.2	41.1	40.8	37.9	40.9	36.9	38.1	36.2	34.7	33.2	34.0	35.8	34.5	35.9	32.9	37.5	34.3	36.1	35.9	34.5	32.8	33.5
Physical sciences ^a	3.0	3.4	2.8	2.1	2.7	3.0	2.7	3.2	2.9	2.5	2.4	2.1	1.9	1.6	1.8	2.2	2.2	1.9	1.6	2.3	1.5	1.8	1.4	1.3	1.5	1.6
Biological/agricultural sciences	16.6	9.3	8.1	8.2	9.2	8.8	10.0	10.6	13.1	11.8	13.0	11.6	9.4	9.4	12.3	13.4	13.5	14.8	14.0	14.1	13.4	13.3	13.3	11.7	12.0	13.5
Mathematics/statistics	2.7	1.3	2.1	0.9	1.6	0.9	2.0	1.2	1.5	1.2	0.9	1.0	0.8	0.8	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.8
Computer sciences	2.2	3.6	4.7	8.0	7.2	9.9	8.5	5.6	2.8	3.4	2.6	2.4	1.5	1.8	1.6	1.2	1.4	1.9	2.5	3.4	3.4	4.7	6.2	5.2	4.0	1.6
Social/behavioral sciences	9.4	7.0	8.0	6.8	7.0	8.3	7.6	6.9	8.7	9.6	11.3	12.6	13.4	12.2	10.9	11.0	10.7	9.9	9.3	10.0	8.8	9.5	8.5	8.9	8.9	9.9
Engineering	5.3	5.2	12.3	10.7	9.5	10.2	10.0	10.4	12.2	8.1	7.6	6.6	7.5	7.4	6.6	7.3	5.9	6.6	4.9	7.1	6.6	6.3	5.9	6.7	5.7	6.1
Black	28.2	26.5	29.2	31.0	33.0	36.3	35.0	30.9	33.3	29.1	31.0	31.2	32.0	31.5	35.5	37.1	37.9	34.8	35.8	36.9	38.0	35.0	37.2	36.8	35.2	35.4
Physical sciences ^a	1.6	1.3	1.4	1.2	1.1	1.2	1.1	1.0	1.6	1.0	1.0	0.7	1.2	0.8	1.2	1.3	1.6	1.6	1.6	1.4	1.2	1.1	1.2	1.2	1.0	1.2
Biological/agricultural sciences	5.6	4.4	3.6	3.5	4.0	4.1	4.2	5.0	4.2	3.7	4.1	4.0	4.6	4.6	5.3	6.5	7.4	7.4	8.7	8.6	8.8	7.1	7.9	7.5	7.8	8.4
Mathematics/statistics	0.8	0.7	0.6	0.7	0.8	0.9	0.6	0.6	0.7	0.6	0.6	0.6	0.4	0.5	0.6	0.7	0.6	0.8	0.7	0.6	0.6	0.5	0.6	0.5	0.4	0.5
Computer sciences	2.0	2.2	5.4	6.7	9.8	11.9	13.3	9.5	10.4	6.6	5.2	4.8	5.9	5.7	5.6	5.1	5.4	4.7	6.3	6.5	7.1	8.5	8.4	8.1	7.4	4.7
Social/behavioral sciences	12.2	10.1	9.6	8.5	7.4	6.8	7.0	7.4	6.8	8.8	9.6	13.0	10.6	11.0	10.4	10.8	10.0	10.8	9.9	10.1	10.3	11.8	11.4	11.1	12.5	12.0
Engineering	6.0	7.8	8.6	10.4	9.9	11.4	8.8	7.4	9.6	8.4	10.5	8.1	9.3	8.9	12.4	12.7	12.9	9.5	8.6	9.7	10.0	6.0	7.7	8.4	6.1	8.6
Male	33.9	34.7	35.5	37.9	40.5	43.6	41.3	37.0	39.1	35.3	36.8	35.9	36.3	35.1	41.3	43.5	44.6	39.7	40.5	40.8	43.6	37.5	41.7	41.7	37.7	40.2
Physical sciences ^a	2.4	2.0	1.5	1.8	1.6	1.8	1.3	1.1	1.9	1.2	1.3	1.1	1.1	1.2	1.1	1.3	2.0	1.8	1.7	1.2	1.6	1.5	1.4	1.4	1.0	1.3
Biological/agricultural sciences	6.2	5.2	4.1	3.2	4.1	4.0	4.9	5.0	3.9	3.8	4.1	4.6	4.2	4.5	4.9	6.5	6.8	6.4	7.6	6.6	7.4	5.6	5.8	5.8	5.6	5.8
Mathematics/statistics	0.9	0.7	0.7	0.8	0.8	0.9	0.8	0.5	0.8	0.8	0.7	0.5	0.4	0.4	0.6	0.6	0.6	0.8	0.8	0.5	0.5	0.5	0.6	0.4	0.4	0.4
Computer sciences	2.2	2.7	5.6	7.1	10.5	12.0	13.5	10.5	11.2	7.3	6.3	5.5	6.9	6.7	6.0	5.9	6.6	5.6	8.5	8.8	9.8	12.4	13.2	12.4	12.2	8.2
Social/behavioral sciences	10.7	9.0	7.9	6.4	6.0	5.4	5.3	7.1	5.4	7.4	6.9	9.6	7.7	7.5	7.4	8.1	7.4	8.1	6.4	6.2	6.6	7.4	7.4	6.5	7.4	8.0
Engineering	11.5	15.1	15.7	18.6	17.5	19.5	15.5	12.8	15.9	14.8	17.5	14.6	16.0	14.8	21.3	21.1	21.2	17.0	15.5	17.5	17.7	10.1	13.3	15.2	11.1	16.5
Female	24.0	20.8	24.5	26.1	27.9	31.3	30.1	26.8	28.9	25.2	26.8	28.1	29.1	29.6	31.7	33.0	34.0	31.5	32.8	34.3	34.7	33.4	34.0	34.3	33.1	32.5
Physical sciences ^a	1.0	0.9	1.0	0.9	1.0	0.8	0.9	0.9	1.3	0.8	0.9	0.6	1.1	0.7	1.2	1.3	1.7	1.6	1.5	1.5	1.1	0.9	1.0	1.2	1.0	1.3
Biological/agricultural sciences	5.3	3.8	3.4	3.6	3.8	4.1	3.5	4.9	4.5	3.6	3.9	3.5	4.7	5.0	5.7	6.8	7.8	7.7	9.4	9.9	9.7	8.4	9.2	8.6	9.0	10.0
Mathematics/statistics	0.7	0.7	0.6	0.7	0.8	0.9	0.4	0.7	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.8	0.7	0.6	0.8	0.5	0.6	0.5	0.4	0.5
Computer sciences	1.9	1.9	5.3	6.3	9.3	11.9	13.3	8.9	9.9	6.2	4.4	4.5	5.2	5.1	5.3	4.6	4.6	4.1	4.8	5.0	5.2	6.0	5.3	5.5	4.3	2.5
Social/behavioral sciences	13.3	11.1	10.6	9.8	8.3	7.8	7.9	7.6	7.7	9.8	11.2	15.0	12.4	13.4	12.3	12.7	11.7	12.5	12.0	12.5	12.8	14.4	13.8	14.1	15.3	14.5
Engineering	1.8	2.4	3.6	4.8	4.7	5.8	4.1	3.8	4.9	4.3	5.8	3.9	5.2	4.9	6.6	6.9	7.6	4.8	4.4	4.8	5.1	3.2	4.1	4.4	3.1	3.7

Appendix table 2-6

Freshmen intending S&E major, by sex, race/ethnicity, and field: Selected years, 1975–2002

(Percent distribution)

(Page 3 of 4)

Sex, race/ethnicity, and field	1975	1977	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002		
Mexican American/Chicano and																												
Puerto Rican American	37.2	31.7	29.4	35.4	36.4	35.3	37.6	33.8	38.9	35.2	35.1	31.2	33.5	33.9	30.6	32.2	33.2	37.0	36.0	35.5	36.9	32.8	36.2	33.3	33.6	34.7		
Physical sciences ^a	3.6	1.2	1.9	1.9	2.3	1.5	1.5	1.9	1.9	1.4	1.5	1.5	1.7	1.8	1.4	1.5	1.6	1.6	1.3	1.3	1.4	1.4	1.0	1.4	1.2	1.6		
Biological/agricultural sciences	10.1	6.0	6.0	6.7	6.9	5.1	7.3	6.0	7.1	7.0	6.7	5.3	5.6	5.5	6.2	6.8	6.9	8.5	7.9	8.1	9.3	7.8	8.6	7.1	7.4	8.2		
Mathematics/statistics	1.8	1.0	0.4	0.8	0.5	0.9	1.1	0.6	0.7	0.8	0.5	0.5	0.6	0.8	0.3	0.7	0.4	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7		
Computer sciences	1.3	2.7	3.5	3.6	5.8	7.4	6.9	7.3	4.7	2.4	2.6	2.2	2.2	2.1	2.8	2.5	2.1	2.4	2.9	3.6	3.4	3.9	3.8	3.8	3.8	2.4		
Social/behavioral sciences	13.3	12.1	8.8	9.7	7.5	8.3	8.5	7.7	11.9	11.4	12.4	12.8	12.9	12.9	9.9	11.1	12.5	13.5	12.2	11.8	11.4	10.4	10.9	12.3	11.6	13.2		
Engineering	7.1	8.7	8.8	12.7	13.4	12.1	12.3	10.3	12.6	12.2	11.4	8.9	10.5	10.8	10.0	9.6	9.7	10.4	11.2	10.1	10.8	8.7	11.3	8.1	8.9	8.6		
Male	41.6	39.4	37.9	40.9	44.1	42.4	43.0	43.1	47.5	41.8	41.9	36.1	40.2	40.0	35.6	37.0	38.8	40.5	42.0	42.0	43.0	38.1	45.0	40.6	40.4	40.8		
Physical sciences ^a	5.3	1.7	3.2	2.6	3.0	2.6	2.2	2.5	2.8	1.6	1.9	1.9	2.2	2.6	1.7	1.4	2.2	2.2	1.7	1.4	1.8	2.0	1.1	1.7	1.3	1.8		
Biological/agricultural sciences	10.3	6.1	6.9	6.9	7.0	4.8	6.7	6.1	7.4	6.8	6.8	5.7	5.9	6.2	5.5	7.4	7.4	8.7	6.8	7.5	7.7	6.8	7.3	7.1	5.9	6.8		
Mathematics/statistics	2.1	1.7	0.5	0.5	0.6	0.8	1.4	0.6	0.8	0.9	0.8	0.7	0.8	0.7	0.5	0.8	0.5	0.8	0.3	0.7	0.6	0.5	0.8	0.6	0.9	1.0		
Computer sciences	1.7	2.9	3.8	3.1	5.9	7.5	7.2	9.3	6.5	2.9	3.2	2.7	3.1	2.7	3.9	3.4	3.1	3.7	4.7	6.3	5.7	5.7	6.8	7.3	7.1	5.2		
Social and behavioral sciences	10.8	10.9	7.5	7.2	5.4	6.8	6.5	7.5	9.3	7.9	9.7	9.5	10.0	8.6	7.3	8.0	9.8	8.6	7.8	8.4	8.0	7.3	6.9	7.7	7.6	7.9		
Engineering	11.4	16.1	16.0	20.6	22.2	19.9	19.0	17.1	20.7	21.7	19.5	15.6	18.2	19.2	16.7	16.0	15.8	16.5	20.7	17.7	19.2	15.8	22.1	16.2	17.6	18.1		
Female	31.2	24.6	22.7	30.3	28.9	29.2	32.2	25.7	31.7	29.4	29.4	27.4	28.3	29.7	26.3	27.5	28.2	33.8	31.0	30.7	31.5	28.4	28.7	27.6	28.4	30.7		
Physical sciences ^a	1.5	0.7	1.0	1.4	1.7	0.7	0.8	1.4	1.1	1.1	1.0	1.0	1.3	1.1	1.3	1.3	1.1	1.1	1.2	1.2	1.2	0.8	0.8	1.2	1.3	1.5		
Biological/agricultural sciences	9.5	5.8	5.4	6.4	6.6	5.4	7.9	5.9	7.0	7.5	6.6	5.1	5.6	5.1	6.7	6.2	6.5	8.4	8.7	8.7	10.3	8.6	9.4	6.9	8.2	9.2		
Mathematics/statistics	1.3	0.3	0.3	1.0	0.3	1.0	0.8	0.8	0.5	0.6	0.3	0.4	0.4	0.8	0.2	0.6	0.4	0.4	0.5	0.4	0.4	0.7	0.4	0.5	0.5	0.5		
Computer sciences	0.8	2.6	3.3	4.1	5.8	7.2	6.5	5.6	3.1	2.0	2.2	1.9	1.6	1.6	1.9	1.7	1.1	1.3	1.5	1.7	1.5	2.4	1.4	1.5	1.4	0.6		
Social/behavioral sciences	16.2	13.1	10.3	12.3	9.4	9.9	10.2	7.8	14.0	14.1	14.9	15.4	15.2	16.5	12.5	13.7	14.7	17.1	15.8	14.3	14.2	13.0	13.8	15.3	14.3	16.7		
Engineering	1.9	2.1	2.4	5.1	5.1	5.0	6.0	4.2	6.0	4.1	4.4	3.6	4.2	4.6	3.7	4.0	4.4	5.5	3.3	4.4	3.9	2.9	2.9	2.2	2.7	2.2		
Other Latino	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.8	38.0	40.9	39.5	41.3	38.2	36.1	37.2	35.2	36.6	35.4
Physical sciences ^a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	2.0	2.8	1.4	1.4	1.8	1.2	1.3	1.3	1.4	1.6
Biological/agricultural sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.9	9.5	7.9	10.9	8.2	9.4	8.7	7.6	7.6	7.9	7.8
Mathematics/statistics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.6	0.2	1.0	0.5	0.4	0.4	0.5	0.4	0.3	0.4	0.7
Computer sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	2.2	2.7	3.5	4.2	4.4	5.0	5.0	5.7	4.4	2.5
Social/behavioral sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.3	13.1	13.3	12.7	11.6	11.9	12.2	13.1	12.7	13.4	13.9
Engineering	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.0	11.0	13.2	10.5	15.5	10.3	8.5	9.8	7.6	9.1	8.9
Male	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.0	40.4	48.0	44.5	51.4	43.9	41.7	45.4	43.9	45.5	42.2
Physical sciences ^a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	1.8	3.4	2.0	1.6	2.2	1.5	1.9	1.8	2.1	2.0
Biological/agricultural sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	8.7	7.0	8.3	8.6	7.9	7.7	5.3	6.8	7.1	6.9
Mathematics/statistics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.6	0.3	1.2	0.6	0.4	0.6	0.7	0.4	0.3	0.5	0.9
Computer sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.0	2.9	4.7	5.8	6.9	7.2	7.2	9.4	11.2	8.7	4.8
Social/behavioral sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7	9.0	9.3	9.0	7.9	7.6	8.7	9.7	8.5	9.0	10.0
Engineering	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0	17.7	22.4	18.8	26.0	18.4	15.9	18.7	15.3	18.1	17.6
Female	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.9	35.4	34.6	35.8	32.2	33.3	31.5	31.3	29.9	30.3	31.1
Physical sciences ^a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6	2.0	2.2	1.2	1.1	1.3	0.9	1.1	0.9	0.9	1.5
Biological/agricultural sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.8	9.9	8.7	13.2	7.8	10.6	9.1	9.4	8.5	8.3	8.3
Mathematics/statistics	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.6	0.2	0.8	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.6
Computer sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.9	1.5	1.1	1.5	1.8	2.1	3.3	1.7	2.1	1.6	0.9
Social/behavioral sciences	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.9	17.0	16.4	16.1	14.9	15.1	15.0	15.5	15.3	16.4	16.6
Engineering	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	4.8	5.4	3.3	6.2	3.9	2.9	3.3	2.8	2.8	3.2

Freshmen intending S&E major, by sex, race/ethnicity, and field: Selected years, 1975–2002

(Percent distribution)

Sex, race/ethnicity, and field	1975	1977	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
American Indian/Alaskan Native	34.3	32.7	31.0	35.6	30.0	32.5	31.3	29.6	29.2	30.6	31.5	31.9	33.9	31.8	31.2	31.7	31.9	30.2	30.6	33.6	34.9	32.8	35.4	33.8	35.3	32.0
Physical sciences ^a	3.3	2.5	4.7	2.0	2.0	1.9	2.2	0.9	1.6	2.0	2.2	1.7	2.0	3.0	2.0	1.8	1.5	2.0	2.0	2.6	2.5	2.1	2.7	2.6	1.8	1.7
Biological/agricultural sciences	10.0	8.0	5.1	6.1	5.0	4.7	4.8	8.1	5.5	5.5	6.3	5.5	4.8	7.3	6.5	7.4	8.0	8.0	9.3	8.9	8.8	8.2	9.3	6.9	8.4	7.9
Mathematics/statistics	1.1	1.5	0.3	1.1	0.3	1.0	0.6	0.6	0.5	0.8	1.0	0.6	0.6	0.4	0.3	0.4	0.7	0.7	0.4	0.5	0.5	0.4	0.7	0.4	0.6	0.6
Computer sciences	1.5	2.0	3.5	5.4	5.6	8.7	8.7	5.5	5.1	2.3	2.7	2.4	2.2	2.3	3.0	2.1	2.3	2.2	3.0	3.7	5.0	4.6	4.4	4.0	4.4	2.8
Social/behavioral sciences	10.7	10.8	8.1	8.3	7.2	5.5	6.0	6.7	9.9	9.6	9.3	13.2	13.5	10.7	9.7	10.6	11.0	10.4	9.5	9.9	10.7	11.1	10.4	11.9	12.7	11.5
Engineering	7.7	7.9	9.3	12.7	9.9	10.7	9.0	7.8	6.6	10.4	10.0	8.5	10.8	8.1	9.7	9.4	8.4	6.9	6.4	8.0	7.4	6.4	7.9	8.0	7.4	7.5
Male	39.5	37.9	37.3	41.7	39.5	34.1	35.2	32.8	33.0	40.6	39.7	37.4	38.8	35.8	37.0	37.1	35.9	34.1	36.5	40.1	37.0	36.4	39.0	36.6	41.0	36.8
Physical sciences ^a	6.1	3.8	5.3	2.4	3.2	2.9	3.6	1.1	2.6	2.8	3.6	2.6	2.5	4.9	2.4	1.9	2.0	3.6	2.4	3.0	3.2	2.6	2.9	3.6	2.3	2.2
Biological/agricultural sciences	10.6	9.1	6.6	8.3	5.8	4.1	6.2	8.3	7.7	7.1	7.2	6.7	5.9	7.4	6.1	7.7	9.5	6.7	9.6	8.1	6.8	6.7	7.9	4.9	6.9	5.3
Mathematics/statistics	1.2	2.4	0.3	1.1	0.7	1.6	0.6	0.1	1.0	0.7	0.8	0.7	0.4	0.9	0.3	0.3	0.8	0.8	0.2	0.6	0.8	0.6	0.7	0.4	0.6	0.8
Computer sciences	1.2	1.5	2.2	3.5	4.0	4.6	4.5	3.3	3.8	2.3	2.6	2.9	1.5	1.3	3.0	2.7	1.9	2.6	4.1	5.5	5.8	6.7	5.4	5.1	7.2	4.0
Social/behavioral sciences	8.3	9.3	7.3	7.4	6.2	2.8	5.5	6.0	6.4	9.5	7.2	8.7	11.2	7.3	6.7	8.6	8.2	7.9	7.5	7.7	6.9	7.4	7.0	8.2	8.3	8.6
Engineering	12.1	11.8	15.6	19.0	19.6	18.1	14.8	14.0	11.5	18.2	18.3	15.8	17.3	14.0	18.5	15.9	13.5	12.5	12.7	15.2	13.5	12.4	15.1	14.4	15.7	15.9
Female	26.9	25.8	20.5	25.7	16.4	22.4	18.9	22.3	20.8	21.1	23.4	26.5	28.3	26.2	25.3	25.6	26.5	26.2	25.1	27.8	30.7	28.6	30.0	28.4	30.6	27.2
Physical sciences ^a	1.0	1.3	3.6	1.1	1.1	1.9	1.0	0.8	0.7	1.5	0.9	1.1	1.3	1.7	1.7	1.8	1.0	1.0	1.9	2.2	1.9	1.8	2.4	1.8	1.6	1.4
Biological/agricultural sciences	8.9	5.9	3.9	3.8	3.5	4.6	3.7	8.3	3.1	4.2	5.6	4.7	4.0	7.5	6.7	6.8	6.7	8.7	9.1	9.3	10.2	9.3	10.4	7.9	9.0	8.8
Mathematics/statistics	0.7	0.7	0.0	0.7	0.1	0.6	0.7	1.0	0.2	0.8	1.2	0.6	0.6	0.1	0.3	0.6	0.6	0.7	0.5	0.4	0.3	0.2	0.5	0.3	0.7	0.4
Computer sciences	0.6	1.3	0.2	2.5	1.4	2.5	3.7	2.6	1.9	1.2	0.7	1.0	1.0	1.1	1.5	0.7	1.6	0.9	0.7	1.2	2.3	1.4	1.3	0.9	1.1	0.5
Social/behavioral sciences	12.4	11.8	8.7	10.7	8.1	8.9	6.1	7.5	12.4	9.4	11.3	16.4	15.5	12.4	12.0	11.7	12.4	12.1	11.2	11.4	12.9	13.9	12.7	14.4	15.2	13.3
Engineering	3.3	4.8	4.1	6.9	2.2	3.9	3.7	2.1	2.5	4.0	3.7	2.7	5.9	3.4	3.1	4.0	4.2	2.8	1.7	3.3	3.1	2.0	2.7	3.1	3.0	2.8

NA not available

^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.