

Table 8A: Undergraduate and Graduate Enrollments (thousands), Fall 1999

	GROUP									
	I Public	I Private	II	III	I, II, & III	IV	Va	M	B	I, II, III, IV, Va, M & B
Undergraduate course enrollments Total number (thousands)	182	45	271	251	749	92	13	568	810	2232
Graduate course enrollments Total number (thousands)	7	5	9	12	32	29	2	11		73

Table 8B: Total Undergraduate Enrollments (thousands), Fall 1996 to Fall 1999

	GROUP									Total ³
	I Public	I Private	II	III	IV	Va ²	M	B		
1996	215 ¹		245	212	98		589	705		2085
1997	173	42	247	220	69		561	701		2037
1998	182	43	258	214	78		585	741		2124
1999	182	45	271	251	92	13	568	810		2232

¹ Prior to 1997, Group I was not separated into Public and Private.
² Prior to 1999, Group Va was combined with Group Vb, which is no longer surveyed. Group Va figures for these years are not available.
³ Totals are sums of unrounded enrollments and may not be exactly the same as the sums of rounded figures in the table.

Enrollment Profile and Undergraduate Majors Profile

The Departmental Profile Survey obtains information about enrollments and distribution of instructional effort in mathematical sciences departments. Table 8A gives the total undergraduate and total graduate enrollments in mathematics courses for each group that is part of the Annual Survey. Each enrollment in this and other tables in this section is projected from schools responding to the survey. In fall 1999, for the first time, the projections for Groups M and B were made using the responding schools that were part of a carefully designed stratified random sample.

Table 8C presents a further breakdown of the undergraduate enrollments into eight categories of courses. For each group the percentage of the total enrollment in each of these eight categories is also given. Row totals in Table 8C give the total enrollment in each of the eight cat-

Table 8C: Distribution of Undergraduate Enrollments (thousands), Fall 1999

	GROUP																			
	I Public		I Private		II		III		I, II, & III		IV		Va		M		B		I, II, III, IV, Va, M, & B	
Remedial mathematics* Total number (thousands), %**	12	7	0	0	21	8	33	13	66	9	0	0	0	0	92	16	123	15	281	13
Precalculus Total number (thousands), %	38	21	1	1	69	25	62	25	169	23	0	0	1	5	122	22	137	17	429	19
1st-year Calculus (mainstream) Total number (thousands), %	51	28	21	47	52	19	37	15	160	21	0	0	2	14	65	11	94	12	321	14
1st-year Calculus (nonmainstream) Total number (thousands), %	21	12	3	6	33	12	24	10	81	11	1	1	0	0	33	6	36	4	151	7
Statistics Total number (thousands), %	3	2	2	4	12	5	21	8	38	5	90	99	4	34	47	8	103	13	282	13
Computer Science Total number (thousands), %	3	2	1	1	2	1	7	3	12	2	0	0	0	1	44	8	85	11	142	6
Other Enrollments for Majors Total number (thousands), %	35	19	9	19	27	10	25	10	95	13	0	0	3	24	51	9	85	11	235	11
Remaining Undergraduate Enroll. Total number (thousands), %	19	10	9	20	56	21	43	17	127	17	0	0	3	23	114	20	146	18	390	17
Total	182		45		271		251		749		92		13		568		810		2232	

¹ Arithmetic, high school algebra, geometry.
² Percents are "column percents" describing relative enrollments within the respective survey groups of the different types of undergraduate courses.

Table 8D: Distribution of Undergraduate Enrollments (thousands), Fall 1992 to Fall 1999

	1992	1993	1994	1995	1996	1997	1998	1999
Remedial	300	294	279	275	269	274	322	281
Precalculus	356	341	342	336	332	303	347	429
1st-year Calculus (mainstream)	315	319	298	314	312	309	325	321
1st-year Calculus (nonmainstream)	127	138	131	145	144	146	148	151
Statistics	213	215	199	209	218	233	233	282
Computer Science	141	111	119	108	119	113	116	142
Other Enrollments for Majors	270	258	233	257	263	233	218	235
Remaining Enrollments	392	353	353	411	428	426	412	390
Total Enrollment¹	2114	2029	1954	2055	2085	2037	2124	2232

¹ Totals are sums of unrounded enrollments and may not be exactly the same as the sums of rounded figures in the table.

Table 8E: Undergraduate and Graduate Enrollments per Full-time Faculty Member, Fall 1999

	GROUP							
	I Public	I Private	II	III	IV	Va	M	B
Undergraduate course enrollments Number per full-time faculty member	115	54	111	122	68	43	127	114
Graduate course enrollments Number per full-time faculty member	4	6	4	6	21	7	2	

egories for all mathematical sciences departments. Table 8D shows these same enrollments for fall 1992 to fall 1999. Column totals in Table 8C give the total enrollments for each group, and they are the numbers given in the first row of Table 8A. Table 8B gives these totals for fall 1996 to fall 1999.

Table 8E gives the undergraduate enrollments per faculty member and the graduate enrollments per faculty member for each group. Table 8F give the undergraduate enrollments per faculty member for fall 1996 to fall 1999.

Table 9A gives the number of junior/senior majors and the number of female junior/senior majors for each group. Table 9B gives the total number of junior/senior majors and female junior/senior majors for fall 1991 to fall 1999. The number of junior/senior mathematics majors has dropped from 72,800 in 1992 to 56,200 in 1999, a drop of 22.8%. The number of female junior/senior majors has experienced a similar drop from 31,900 in 1992 to 24,600 in 1999, a drop of 22.9%. The percentage of the junior/senior majors who are females has remained relatively constant during the years 1991 through 1999.

Table 8F: Undergraduate Enrollments per Full-time Faculty Member, Fall 1996 to Fall 1999

	GROUP							
	I Public	I Private	II	III	IV	Va ²	M	B
1996		88 ¹	110	108	69		112	100
1997	110	52	115	113	57		106	96
1998	109	52	114	108	60		117	94
1999	115	54	111	122	68	43	127	114

¹ Prior to 1997, Group I was not separated into Public and Private.

² Prior to 1999, Group Va was combined with Group Vb, which is no longer surveyed. Group Va figures for these years are not available.

Table 9A: Undergraduate Junior/Senior Majors (hundreds), Fall 1999

	GROUP								
	I Public	I Private	II	III	IV	Va	M	B	I, II, III, M & B
Total Undergraduate Junior/senior majors (hundreds)	47	16	47	54	9	6	169	230	562
Female Undergraduate Junior/senior majors (hundreds)	17	5	19	24	4	2	77	104	246

Table 9B: Junior/Senior Majors (hundreds) in Groups I, II, III, M & B Combined, Fall 1991 to Fall 1999

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Undergraduate Junior/senior majors (hundreds)	668	728	689	663	671	626	590	580	562
Female Undergraduate Junior/senior majors (hundreds)	293	319	299	285	284	271	255	251	246
Percentage female	43.8	43.8	43.4	43.0	42.3	43.3	43.2	43.3	43.8