

Table 4A: Undergraduate and Graduate Enrollments (thousands), Fall 2002

	GROUP									
	I Public	I Private	II	III	Va	I, II, III, & Va	M	B	IV	TOTAL
Undergraduate Course Enrollments Total number (thousands) (Standard error)	187	41	275	250	16	768	507 (16)	774 (22)	76	2125 (27)
Graduate Course Enrollments Total number (thousands)	10	4	11	10	3	38	12	-	29	79

Enrollment Profile and Undergraduate Degrees/Majors Profile

Enrollment

The Departmental Profile Survey obtained information about enrollments and distribution of instructional effort among various course categories in mathematical sciences departments. Table 4A 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, as discussed on page 926. In fall 2002, for the fourth year the projections for Groups M and B were made

Table 4B: Total Undergraduate Enrollments (thousands), Fall 1997 to Fall 2002

	GROUP								
	I Public	I Private	II	III	Va	M	B	IV	TOTAL
1997	173	42	247	220	24 ¹	561	701	69	2037
1998	182	43	258	214	20 ¹	585	741	78	2121
1999	182	45	271	251	13	568	810	92	2232
2000	175	47	279	241	13	526	729	77	2087
2001	176	42	279	246	12	513	743	81	2092
2002	187	41	275	250	16	507	774	76	2125

¹ Prior to 1999, Group Va was combined with Group Vb, which is no longer surveyed. Separate Group Va figures for these years are not available.

Table 4C: Undergraduate and Graduate Enrollments per Full-Time Faculty Member, Fall 2002

	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
Undergraduate Course Enrollments Number per full-time faculty member	107	43	114	121	50	117	95	55
Graduate Course Enrollments Number per full-time faculty member	6	5	4	5	9	3	-	20

from those schools responding in the stratified random sample for each of these groups. This makes it possible to calculate standard errors for the estimated enrollments for these groups and for the estimated total enrollment for all groups. These standard errors, available for the second year, are also found in Table 4A. The estimated total enrollment for all groups is 2,125,000, with a standard error of 27,000, indicating that the actual total enrollment is likely within 2,125,000 +/- 54,000. Table 4B gives these totals for fall 1997 to fall 2002.

Beginning with this 2002 survey, the Departmental Profile form no longer requests a breakdown of the total undergraduate enrollments into eight subcategories of courses. For a comprehensive sur-

Table 4D: Undergraduate Enrollments per Full-Time Faculty Member, Fall 1997 to Fall 2002

	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
1997	110	52	115	113	- ¹	106	96	57
1998	109	52	114	108	- ¹	117	94	60
1999	115	54	111	122	43	127	114	68
2000	107	52	117	119	39	110	95	56
2001	101	47	114	120	41	118	94	57
2002	107	43	114	121	50	117	95	55

¹ Prior to 1999, Group Va was combined with Group Vb, which is no longer surveyed. Separate Group Va figures for these years are not available.

Table 5A: Undergraduate Degrees Awarded and Junior/Senior Majors (hundreds), Fall 2002

	GROUP								
	I Public	I Private	II	III	Va	M	B	I, II, III, Va, M, & B	IV
Total Undergraduate									
Degrees awarded (hundreds)	18	8	18	15	2	45	109	217	3
(Standard error)						(6)	(7)	(9)	
Computer science only	1	0	0	2	0	13	31	48	0
Junior/senior majors (hundreds)	57	19	51	52	6	162	302	648	10
(Standard error)						(14)	(17)	(22)	
Computer science only	5	1	1	8	0	38	95	148	0
Female Undergraduate									
Degrees awarded (hundreds)	7	2	8	7	1	20	46	91	1
Computer science only	0	0	0	0	0	4	9	14	0
Junior/senior majors (hundreds)	20	5	21	22	2	70	129	270	4
Computer science only	1	0	0	1	0	10	28	41	0

Table 5B: Undergraduate Degrees Awarded and Junior/Senior Majors (hundreds) in Groups I, II, III, Va, M & B Combined, Fall 1993 to Fall 2002

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Total Undergraduate										
Degrees awarded (hundreds)	-	-	-	-	-	-	-	-	-	217
Junior/senior majors (hundreds)	696	669	678	631	596	590	568	599	589	648
Female Undergraduate										
Degrees awarded (hundreds)	-	-	-	-	-	-	-	-	-	91
Percentage female	-	-	-	-	-	-	-	-	-	42
Junior/senior majors (hundreds)	301	287	286	273	257	255	248	244	242	270
Percentage female	43	43	42	43	43	43	44	41	41	42

vey of specific undergraduate courses, please refer to the report of the 2000 CBMS survey, *Statistical Abstract of Undergraduate Programs in the Mathematical Sciences in the U.S.: Fall 2000 CBMS Survey* (American Mathematical Society, Providence, RI, 2002). This publication is available on the AMS website at www.ams.org/cbms/.

Table 4C gives the undergraduate enrollments per faculty member and the graduate enrollments per faculty member for each group. Table 4D gives the undergraduate enrollments per faculty member in each group for fall 1997 to fall 2002.

Looking at the historical data among the enrollment tables just presented for fall 1997 to fall 2002, one sees no major trends. This has been a relatively stable period for enrollments.

Undergraduate Degrees and Majors

Table 5A gives the number of undergraduate degrees awarded and the number of junior/senior majors, and the number of each that are female and that are in computer science for each group. Table 5B presents the trends in these data for fall 1993 to fall 2002. This year for the first time our table includes “undergraduate degrees awarded”, as this statistic may be more accurate than “junior/senior majors”; future comparisons will be to undergraduate degrees awarded. The number of

junior/senior mathematics majors in Groups I, II, III, Va, M, and B dropped from 69,600 in 1993 to 56,800 in 1999 but has been higher in the past three years; it is estimated at 64,800 in 2002 (the highest since 1995), up 5,900 over the estimated 58,900 in 2001. The percentage of the junior/senior majors who are females remained relatively stable for the years 1993 to 2002, from a low of 41% to a high of 44%.

The reader should be aware that at least 50 of the 192 departments in the 2002 Group M population and at least 270 of the 1,029 departments in the 2002 Group B population also offer a computer science program in addition to their offerings in mathematics. In some instances, these computer programs account for a major fraction of the department's undergraduate degrees and majors. This year's estimated 64,800 majors includes an estimated 14,800 majors in computer science programs that are located in mathematics departments, and this year's estimated 21,700 undergraduate degrees awarded includes 4,800 in computer science.

The report of the 2000 CBMS survey provides a more comprehensive study of departmental bachelor's degrees.