

Table 4A: Undergraduate and Graduate Enrollments (thousands), Fall 2003

	GROUP									
	I Public	I Private	II	III	Va	I, II, III, & Va	M	B	IV	TOTAL
Undergraduate Course Enrollments Total number (thousands) (Standard error)	185	41	283	255	17	782	498 (25)	774 (26)	72	2125 (36)
Graduate Course Enrollment Total number (thousands)	10	5	11	11	2	40	16	-	31	87

Enrollment Profile and Undergraduate Degrees Profile

Enrollment

The Departmental Profile Survey obtained information about enrollments and numbers of undergraduate degrees awarded 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 902. In fall 2003, for the fifth year the projections for Groups M and B were made from those schools responding in the stratified random sample for each of these groups.

Table 4B: Total Undergraduate Enrollments (thousands), Fall 1998 to Fall 2003

	GROUP									
	I Public	I Private	II	III	Va	M	B	IV	TOTAL	
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	
2003	185	41	283	255	17	498	774	72	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 2003

	GROUP								
	I Public	I Private	II	III	Va	M	B	IV	
Undergraduate Course Enrollments Number per full-time faculty member	104	42	113	121	46	121	89	46	
Graduate Course Enrollments Number per full-time faculty member	6	5	4	5	6	4	-	20	

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 third year, are also found in Table 4A. The estimated total enrollment for all groups is 2,125,000, with a standard error of 36,000, indicating that the actual total enrollment is likely within 2,125,000 plus or minus 72,000. Table 4B gives these totals for fall 1998 to fall 2003.

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

Table 4D: Undergraduate Enrollments per Full-Time Faculty Member, Fall 1998 to Fall 2003

	GROUP								
	I Public	I Private	II	III	Va	M	B	IV	
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	
2003	104	42	113	121	46	121	89	46	

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 (hundreds), Fall 2003

	GROUP								
	I Public	I Private	II	III	Va	M	B	I, II, III, Va, M, & B	IV
Total Undergraduate Degrees awarded (hundreds)	22	9	17	17	3	41	111	220	4
<i>(Standard error)</i>						(4)	(6)	(7)	
Computer science only	1	0	0	3	0	10	27	42	0
Female Undergraduate Degrees awarded (hundreds)	8	2	7	7	1	19	47	90	2
Computer science only	0	0	0	1	0	4	6	11	0

For a comprehensive survey 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 1998 to fall 2003.

Looking at the historical data among the enrollment tables just presented for fall 1998 to fall 2003, one sees no major trends. This has been a relatively stable period for enrollments.

Undergraduate Degrees

Table 5A gives the number of undergraduate degrees awarded, the number of each that are female, and the number that are in computer science for each group. Last year for the first time we began tabulating the number of “undergraduate degrees”, rather than the number of “junior/senior majors”; hence comparisons to previous years’ numbers of undergraduate degrees can be made only to last year, and this is done in Table 5B.

The reader should be aware that at least 50 of the 192 departments in the 2003 Group M population and at least 270 of the 1,029 departments in the 2003 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. This year’s estimated 22,000 undergraduate degrees awarded includes 4,200 in computer science.

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

Table 5B: Undergraduate Degrees Awarded (hundreds) in Groups I, II, III, Va, M & B Combined, Fall 2002 to Fall 2003

	2002	2003
Total Undergraduate Degrees awarded (hundreds)	217	220
Female Undergraduate Degrees awarded (hundreds)	91	90
Percentage female	42	41