

Enrollment Profile and Degrees Awarded Profile

The Departmental Profile Survey obtained information about course enrollments and numbers of undergraduate degrees awarded in mathematical sciences departments. Tables 4A and 4B give the total undergraduate and total graduate enrollments in mathematics courses in fall 2006 for each group. The estimated total undergraduate enrollment in fall 2006 for all groups combined is 2,170,000. Table 4A gives these totals for fall 2001 to fall 2006. Total undergraduate enrollments for all groups combined is down 2% from last year; the total is up 29% in Group Va.

Table 4B gives total graduate enrollments for fall 2001 to fall 2006. Total graduate course enrollments for all groups combined is down 2% from last year; the total is up 11% for Group III, down 11% in Group I Pu, and down 6% in Group M.

The historical data on enrollment numbers presented in Tables 4A and 4B for fall 2001 to

fall 2006 suggest a trend of gradually increasing undergraduate and graduate enrollments.

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 2001 to fall 2006 and shows a slightly downward trend over the period shown.

For a comprehensive survey of undergraduate courses, please refer to the report of the 2005 CBMS survey. This publication is available from the AMS website at www.ams.org/cbms/.

Undergraduate and Masters Degrees

Tables 5A and 5C display the number of undergraduate and masters degrees reported for 2005–2006 for each departmental group. Table 5B shows the total undergraduate degrees awarded for the period 2001–2002 through 2005–2006. (These data were not collected prior to 2002.) After the drop reported last year, the number of undergraduate degrees awarded has rebounded somewhat this year. The

Table 4A: Total Undergraduate Course Enrollments (thousands)

Fall	GROUP								Total
	I Public	I Private	II	III	Va	M	B	IV	
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
2004	159	42	277	261	16	492	782	72	2101
2005	177	43	273	249	12	509	872	70	2205
2006 (Standard error)	172	43	290	251	15	496 (8)	826 (26)	77	2170 (27)

Table 4B: Total Graduate Course Enrollments (thousands)

Fall	GROUP							Total
	I Public	I Private	II	III	Va	M	IV	
2001	7	5	9	9	2	14	26	72
2002	10	4	11	10	3	12	29	79
2003	10	5	11	11	2	16	31	87
2004	9	4	12	10	2	12	31	81
2005	10	4	13	9	2	16	29	84
2006 (Standard error)	9	4	13	10	2	15 (1)	29	82 (1)

number of masters degrees awarded in mathematics decreased from 4,300 reported in 2005 to 4,000 reported in 2006.

The reader should be aware that at least 44 of the 189 departments in the 2006 Group M population and at least 274 of the 1,041 departments in the 2006 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 23,800 undergraduate degrees awarded includes 500 in statistics and 2,400 in computer science. (The report of the 2005 CBMS survey provides a more comprehensive study of departmental bachelors degrees.) Of the 4,000 masters degrees awarded, 500 were in statistics, and 500 were in computer science.

Table 4C: Undergraduate and Graduate Enrollments per Full-Time Faculty Member, Fall 2006

	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
Undergraduate Course Enrollments Number per full-time faculty member	98	43	105	113	56	106	82	45
Graduate Course Enrollments Number per full-time faculty member	5	4	5	5	8	3	—	17

Table 4D: Undergraduate Enrollments per Full-Time Faculty Member

Fall	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
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
2004	90	44	113	126	49	120	89	49
2005	96	44	108	116	43	113	91	43
2006	98	43	105	113	56	106	82	45

Table 5A: Undergraduate Degrees Awarded (hundreds), Fall 2006

	GROUP								I, II, III, Va, M, & B	IV
	I Public	I Private	II	III	Va	M	B			
Total Undergraduate Degrees Awarded (Standard error)	23	8	19	16	3	45 (2)	123 (11)	238 (12)	5	
Statistics only	1	0	0	1	0	1	2	5	3	
Computer science only	1	0	1	1	0	3	18	24	0	
Female Undergraduate Degrees Awarded	8	2	7	7	1	20	51	97	2	
Statistics only	0	0	0	0	0	1	1	3	1	
Computer science only	0	0	0	0	0	1	2	3	0	

**Table 5B: Undergraduate Degrees Awarded
(hundreds)
Groups I, II, III, Va, M & B Combined**

Fall	2002	2003	2004	2005	2006
Total Undergraduate Degrees Awarded	217	220	244	234	238
Female Undergraduate Degrees Awarded	91	90	102	93	97
Percentage female	42%	41%	42%	40%	41%

Table 5C: Masters Degrees Awarded (hundreds), Fall 2006

	GROUP							
	I Public	I Private	II	III	Va	M	I, II, III, Va & M	IV
Total Masters Degrees Awarded	5	2	6	7	1	18	40	12
<i>(Standard error)</i>						<i>(1)</i>	<i>(1)</i>	
Statistics only	0	0	0	1	0	2	5	8
Computer science only	0	0	0	1	0	4	5	0
Female Masters Degrees Awarded	2	0	3	3	0	9	17	6
Statistics only	0	0	0	1	0	1	2	4
Computer science only	0	0	0	0	0	2	2	0