

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 2007 for each group. The estimated total undergraduate enrollment in fall 2007 for all groups combined is 2,228,000. Table 4A gives these totals for fall 2002 to fall 2007. Total undergraduate enrollments for all groups combined is up 3% from last year; Group M is the only group showing a decline (4%).

Table 4B gives total graduate enrollments for fall 2002 to fall 2007. Total graduate course enrollments for all groups combined is up 9% from last year; the total is up for Group I Pu, III, Va, and IV, and down 6% in Group M.

The historical data on enrollment numbers presented in Tables 4A and 4B for fall 2002 to fall 2007 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 2002 to fall 2007 and shows a slightly downward trend over the period shown, with the exceptions of Groups Va and B.

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 Master's Degrees

Tables 5A and 5C display the (estimated) number of undergraduate and master's degrees reported for 2006–2007 for each departmental group. Table 5B shows the total undergraduate degrees awarded for the period 2002–2003 through 2006–2007. (These data were not collected prior to 2002.) The number of undergraduate degrees awarded has dropped from 24,638 in 2006 to 23,930 in 2007. Table 5D shows the total number of master's degrees awarded for the period 2003–2004 through 2006–2007. (These data were not collected prior to 2004.) The number of master's degrees awarded in mathematics increased

Table 4A: Total Undergraduate Course Enrollments (thousands)

Fall	GROUP								Total
	I Public	I Private	II	III	Va	M	B	IV	
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	172	43	290	251	15	496	826	77	2170
2007 (Standard error) ¹	(0)	(0)	(7)	(4)	(2)	(8)	(49)	(3)	(50)

¹ Standard errors reported as zero reflect rounding of values that are less than 500.

Table 4B: Total Graduate Course Enrollments (thousands)

Fall	GROUP							Total
	I Public	I Private	II	III	Va	M	IV	
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	9	4	13	10	2	15	29	82
2007 (Standard error) ¹	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(1)

¹ Standard errors reported as zero reflect rounding of values that are less than 500.

from 4,267 reported in 2006 to 4,291 reported in 2007.

The reader should be aware that at least 44 of the 189 departments in the 2007 Group M population and at least 274 of the 1,037 departments in the 2007 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 significant fraction of the department's undergraduate degrees. This

year's estimated 23,930 undergraduate degrees awarded includes 445 in statistics and 2,297 in computer science. (The report of the 2005 CBMS survey provides a more comprehensive study of departmental bachelor's degrees.) Of the 4,291 master's degrees awarded, 408 were in statistics, and 374 were in computer science.

Table 4C: Undergraduate and Graduate Enrollments per Full-Time Faculty Member, Fall 2007

Fall	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
Undergraduate Course Enrollments Number per full-time faculty member	96	42	109	114	56	105	100	46
Graduate Course Enrollments Number per full-time faculty member	6	4	5	5	10	3	—	19

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

Fall	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
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
2007	96	42	109	114	56	105	100	46

Table 5A: Undergraduate Degrees Awarded, Fall 2007

	GROUP								I, II, III, Va, M, & B	IV
	I Public	I Private	II	III	Va	M	B			
Total Undergraduate Degrees Awarded	2203	989	2280	1785	333	4673	11666	23930	508	
<i>(Standard error)</i>	<i>(0)</i>	<i>(44)</i>	<i>(69)</i>	<i>(33)</i>	<i>(62)</i>	<i>(158)</i>	<i>(690)</i>	<i>(716)</i>	<i>(43)</i>	
Statistics only	37	15	66	125	3	118	82	445	312	
Computer science only	32	13	0	105	0	150	1996	2297	4	
Female Undergraduate Degrees Awarded	623	270	838	740	111	2023	4706	9310	212	
Statistics only	13	7	34	55	0	52	31	192	133	
Computer science only	6	5	0	10	0	145	264	431	0	

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

Fall	2003	2004	2005	2006 ¹	2007
Total Undergraduate Degrees Awarded	22017	24395	23432	24638	23930
Female Undergraduate Degrees Awarded <i>Percentage female</i>	9047 41%	10223 42%	9264 40%	9964 40%	9310 39%

¹ Numbers in this column reflect corrections of those previously reported. For further information visit at <http://www.ams.org/employment/surveyreports.html>.

Table 5C: Masters Degrees Awarded, Fall 2007

	GROUP							
	I Public	I Private	II	III	Va	M	I, II, III, Va & M	IV
Total Master's Degrees Awarded <i>(Standard error)</i>	432 <i>(0)</i>	228 <i>(32)</i>	768 <i>(29)</i>	741 <i>(18)</i>	236 <i>(31)</i>	1886 <i>(105)</i>	4291 <i>(119)</i>	1427 <i>(78)</i>
Statistics only	40	0	42	128	0	197	408	984
Computer science only	8	0	0	83	0	284	374	2
Female Master's Degrees Awarded	123	61	287	313	65	867	1717	698
Statistics only	21	0	23	59	0	77	180	464
Computer science only	3	0	0	21	0	143	167	0