

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 2008 for each group. The estimated total undergraduate enrollment in fall 2008 for all groups combined is 2,231,000. Table 4A gives these totals for fall 2003 to fall 2008. Total undergraduate enrollments for all groups combined is relatively unchanged from last year; Group B is the only group showing a decline (8%).

The historical data on enrollment numbers presented in Tables 4A and 4B for fall 2003 to fall 2008 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 2003 to fall 2008.

With fall 2008 we see a slight increase in all groups except Group 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 2007–2008 for each departmental group. Table 5B shows the total undergraduate degrees awarded for the period 2003–2004 through 2007–2008. The number of undergraduate degrees awarded has increased from 23,930 in 2007 to 26,602 in 2008. Table 5D shows the total number of master's degrees awarded for the period 2003–2004 through 2007–2008. The number of master's degrees awarded in mathematics decreased from 4,291 reported in 2007 to 4,265 reported in 2008.

The reader should be aware that at least 40 of the 188 departments in the 2008 Group M population and at least 277 of the 1,039 departments in the 2008 Group B population also offer a computer science program in addition to their offerings in mathematics. In some instances, these computer

Table 4A: Total Undergraduate Course Enrollments (thousands)

Fall	GROUP								Total
	I Public	I Private	II	III	Va	M	B	IV	
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	172	43	297	253	17	474	896	78	2228
2008 (Standard error) ¹	175 (0)	45 (1)	313 (6)	268 (4)	17 (0)	499 (10)	823 (40)	91 (3)	2231 (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	
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	10	4	13	12	3	14	32	89
2008 (Standard error) ¹	11 (0)	5 (0)	13 (0)	13 (0)	3 (0)	15 (1)	31 (1)	90 (1)

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

programs account for a significant fraction of the department's undergraduate degrees. This year's estimated 26,602 undergraduate degrees awarded includes 1,045 in statistics and 2,347 in computer science. (The report of the 2005 CBMS survey provides a more comprehensive study of departmental bachelor's degrees.) Of the 4,265 master's degrees awarded, 375 were in statistics, and 402 were in computer science.

Table 4C: Undergraduate and Graduate Enrollments per Full-Time Faculty Member, Fall 2008

Fall	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
Undergraduate Course Enrollments Number per full-time faculty member	97	43	119	117	60	109	86	52
Graduate Course Enrollments Number per full-time faculty member	6	5	5	6	9	3	—	18

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

Fall	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
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
2008	97	43	119	117	60	109	86	52

**Table 5A: Undergraduate Degrees Awarded
(between July 1, 2007 and June 30, 2008)**

	GROUP								I, II, III, Va, M, & B	IV
	I Public	I Private	II	III	Va	M	B			
Total Undergraduate Degrees Awarded <i>(Standard error)</i>	2200 <i>(53)</i>	1039 <i>(23)</i>	2479 <i>(59)</i>	1911 <i>(36)</i>	262 <i>(0)</i>	4963 <i>(332)</i>	13748 <i>(963)</i>	26602 <i>(1023)</i>	563 <i>(43)</i>	
Statistics only	35	4	66	84	0	161	694	1045	323	
Computer science only	14	13	7	114	0	520	1681	2347	11	
Female Undergraduate Degrees Awarded	626	269	888	783	73	1984	6244	10868	241	
Statistics only	10	2	35	30	0	61	314	453	139	
Computer science only	3	2	1	16	0	134	336	492	1	

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

Fall	2004	2005	2006 ¹	2007	2008
Total Undergraduate Degrees Awarded	24395	23432	24638	23930	26602
Female Undergraduate Degrees Awarded	10223	9264	9964	9310	10868
<i>Percentage female</i>	42%	40%	40%	39%	41%

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: Master's Degrees Awarded, Fall 2008

	GROUP							
	I Public	I Private	II	III	Va	M	I, II, III, Va & M	IV
Total Master's Degrees Awarded	398	316	695	802	152	1902	4265	1410
<i>(Standard error)</i>	<i>(0)</i>	<i>(24)</i>	<i>(22)</i>	<i>(18)</i>	<i>(0)</i>	<i>(108)</i>	<i>(114)</i>	<i>(70)</i>
Statistics only	38	3	41	131	3	159	375	1036
Computer science only	3	0	0	44	0	354	402	12
Female Master's Degrees Awarded	100	76	287	308	38	922	1731	696
Statistics only	13	2	24	66	1	86	192	506
Computer science only	2	0	0	11	0	182	195	5