

## Enrollment Profile and Degrees Awarded Profile

This section summarizes 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 2009 for each group. The estimated total undergraduate enrollment in fall 2009 for all groups combined is 2,275,000. Table 4A gives these totals for fall 2004 to fall 2009. Total undergraduate enrollments for all groups combined is relatively unchanged from last year; Groups II and IV show slight declines while Group III shows the largest increase (14%). The increase in Group III is partly due to the eight

former Group M departments that were shifted to Group III for the 2009 survey.

The historical data on enrollment numbers presented in Tables 4A and 4B for fall 2004 to fall 2009 show a trend of relatively flat undergraduate enrollments and gradually increasing 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 2004 to fall 2009. With fall 2009 we see a slight increase in all groups except Groups II, Va, and IV. 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/](http://www.ams.org/cbms/).

**Table 4A: Total Undergraduate Course Enrollments (thousands)**

Fall	GROUP								Total
	I Public	I Private	II	III	Va	M	B	IV	
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	175	45	313	268	17	499	823	91	2231
2009 (Standard error) <sup>1</sup>	176 (0)	46 (1)	301 (3)	301 (5)	17 (0)	498 (9)	852 (41)	85 (3)	2275 (50)

<sup>1</sup> 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	
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	11	5	13	13	3	15	31	90
2009 (Standard error) <sup>1</sup>	11 (0)	5 (0)	14 (0)	12 (0)	3 (0)	16 (1)	36 (1)	97 (2)

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

**Undergraduate and Master's Degrees**

Tables 5A and 5C display the (estimated) number of undergraduate and master's degrees reported for 2008-2009 for each departmental group. Table 5B shows the total undergraduate degrees awarded for the period 2004-2005 through 2008-2009. The number of undergraduate degrees awarded has decreased from 26,602 in 2008 to 24,573 in 2009. Table 5D shows the total number of master's degrees awarded for the period 2004-2005 through 2008-2009. The number of master's degrees awarded in mathematics decreased from 4,265 reported in 2008 to 4,060 reported in 2009.

The reader should be aware that at least 39 of the 182 departments in the 2009 Group M population

and at least 265 of the 1,037 departments in the 2009 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 24,573 undergraduate degrees awarded includes 747 in statistics and 2,070 in computer science. (The report of the 2005 CBMS survey provides a more comprehensive study of departmental bachelor's degrees.) Of the 4,109 master's degrees awarded, 424 were in statistics, and 301 were in computer science.

**Table 4C: Undergraduate and Graduate Enrollments per Full-Time Faculty Member, Fall 2009**

	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
<b>Undergraduate Course Enrollments</b> Number per full-time faculty member	98	42	118	119	54	115	86	46
<b>Graduate Course Enrollments</b> Number per full-time faculty member	6	5	5	5	9	4	—	20

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

Fall	GROUP							
	I Public	I Private	II	III	Va	M	B	IV
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
2009	98	42	118	119	54	115	86	46

**Table 5A: Undergraduate Degrees Awarded (between July 1, 2008 and June 30, 2009)**

	GROUP								I, II, III, Va, M, & B	IV
	I Public	I Private	II	III	Va	M	B			
<b>Total Undergraduate Degrees Awarded</b> <i>(Standard error)</i>	<b>2316</b> (72)	<b>1079</b> (22)	<b>2277</b> (23)	<b>2338</b> (53)	<b>365</b> (33)	<b>4046</b> (137)	<b>11908</b> (749)	<b>24328</b> (768)	<b>747</b> (43)	
Statistics only	36	1	27	74	0	188	421	747	468	
Computer science only	20	15	6	176	0	377	1476	2070	1	
<b>Female Undergraduate Degrees Awarded</b>	<b>793</b>	<b>289</b>	<b>879</b>	<b>865</b>	<b>109</b>	<b>1849</b>	<b>5310</b>	<b>10093</b>	<b>242</b>	
Statistics only	13	0	11	19	0	83	150	276	156	
Computer science only	3	6	0	28	0	89	264	391	0	

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

Fall	2005	2006	2007	2008	2009
<b>Total Undergraduate Degrees Awarded</b>	23432	24638	23930	26602	24573
<b>Female Undergraduate Degrees Awarded</b>	9264	9964	9310	10868	10093
<i>Percentage female</i>	40%	40%	39%	41%	41%

**Table 5C: Master's Degrees Awarded, Fall 2009**

	GROUP							
	I Public	I Private	II	III	Va	M	I, II, III, Va & M	IV
<b>Total Master's Degrees Awarded</b>	<b>440</b>	<b>346</b>	<b>687</b>	<b>815</b>	<b>206</b>	<b>1566</b>	<b>4060</b>	<b>1422</b>
<i>(Standard error)</i>	<i>(0)</i>	<i>(26)</i>	<i>(9)</i>	<i>(15)</i>	<i>(0)</i>	<i>(94)</i>	<i>(99)</i>	<i>(56)</i>
Statistics only	22	7	57	148	5	185	424	1084
Computer science only	2	0	1	52	0	246	301	0
<b>Female Master's Degrees Awarded</b>	<b>115</b>	<b>93</b>	<b>264</b>	<b>315</b>	<b>54</b>	<b>792</b>	<b>1633</b>	<b>697</b>
Statistics only	9	5	30	65	1	107	217	508
Computer science only	0	0	1	14	0	137	152	0

**Table 5D: Master's Degrees Awarded**  
Groups I, II, III, Va, M Combined

Fall	2005	2006	2007	2008	2009
<b>Total Master's Degrees Awarded</b>	4254	4267	4291	4265	4060
<b>Female Master's Degrees Awarded</b>	1699	1808	1717	1731	1610
<i>Percentage female</i>	40%	42%	40%	41%	40%