TABLE S.1 Enrollment in (1000s) in undergraduate mathematics, statistics, and computer science courses taught in mathematics departments and statistics departments of four-year colleges and universities, and in mathematics programs of two-year colleges. Also NCES data on total fall enrollments in two-year colleges and four-year colleges and universities in fall 1995, 2000, 2005, and 2010. NCES data includes both public and private four-year colleges and universities, and includes only public two-year colleges. Enrollments include distance learning enrollments, but not dual enrollments.

	Four-Year College & University Mathematics & Statistics Departments						Two Year College Mathematics Programs[4]			
	Fall				2010 by Dept		Fall			
	1995	2000	2005	2010	Math	Stat	1995	2000	2005	2010
Mathematics	1471[1]	1614	1607	1971	1971	--	1384	1273	1580	1887
Statistics	208	245	260	371	262	109	72	74	117	137
Computer Science	100	124	59	77	77	--	43[2]	39[2]	--[2]	--
Total	1779	1984	1925	2419	2310	109	1498	1386	1697	2024
NCES Total Fall Undergraduate Enrollments[3]	6739	7207	8476	9613			5278	5697	6184	6870

[1] These totals include approximately 2000 mathematics enrollments taught in statistics departments.

[2] Computer science totals in two-year colleges before 1995 included estimates of computer science courses taught outside of the mathematics program. In 1995 and 2000, only those computer science courses taught in the mathematics program were included. Starting in 2005, no computer science courses were included in the two-year mathematics survey, and starting in 2010 no computer science courses were included in the statistics survey.

[3] Data for 1995, 2000, and 2005, and projections for 2010, are derived from Tables 24, 26, and 27 of the NCES publication "*Projections of Educational Statistics to 2019"* at http://nces.ed.gov/programs/projections/projections2019/tables.asp.

[4] Starting in 2005, data on mathematics, statistics, and computer science enrollments in two-year colleges include only public two-year colleges.

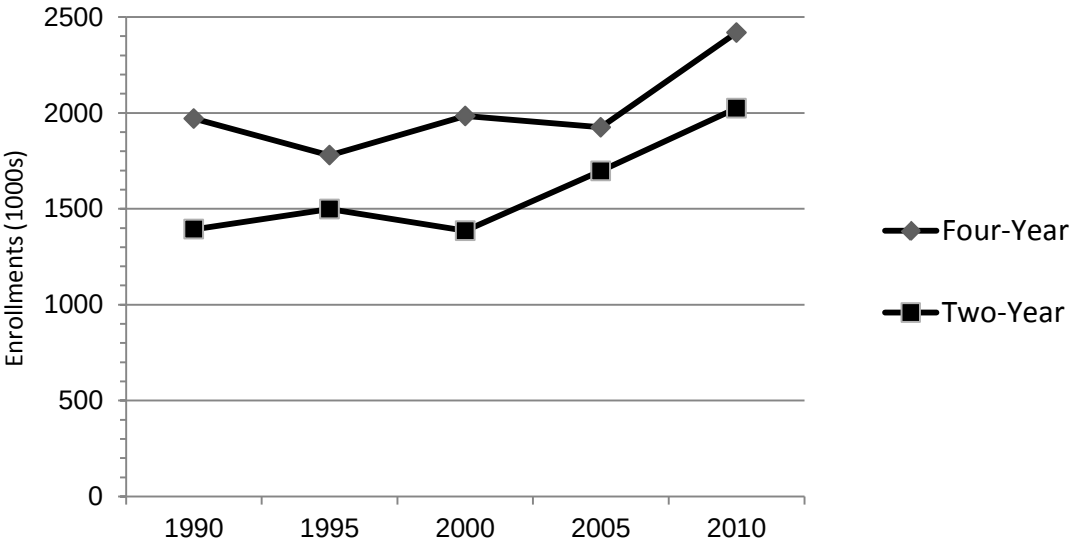


FIGURE S.1.1 Combined enrollment (in 1000s) in undergraduate mathematics, statistics, and computer science courses at four-year colleges and universities and mathematics departments and statistics departments, and in mathematics programs of two-year colleges: Fall 1995[1], 2000[1], 2005[1,] and 2010. Data for 2005 include only public two-year colleges.

[1] Before 1995, two-year enrollment totals included computer science enrollments taught outside of the mathematics program. In 1995 and 2000, only computer science courses taught within the mathematics program were counted. Starting in 2005, no computer science courses were included in the CBMS survey of two-year mathematics programs, and starting in 2010 no computer science data were included in the survey of statistics departments.

TABLE S.2 Total enrollment (in 1000s), including distance learning enrollment, by course level in undergraduate mathematics, statistics, and computer science courses taught in mathematics and statistics departments at four-year colleges and universities, and in mathematics programs at two-year colleges in fall 1995, 2000, 2005, and 2010. (Beginning in 2005 two-year college data include only public two-year colleges and do not include any computer science. Beginning in 2010 statistics department data do not include computer science.)

	Mathematics Departments				Statistics Departments				Two-Year College Mathematics Programs			
Course level	1995	2000	2005	2010	1995	2000	2005	2010	1995	2000	2005	2010
Mathematics courses												
Precollege level	222	219	201	209	--	--	--	--	800	763	965	1150
Introductory level (including Precalculus)	613	723	706	863	--	--	--	--	295	274	321	368
Calculus level	538	570	587	748	--	--	--	--	129	106	108	138
Advanced level	96	102	112	150	--	--	--	--	0	0	0	0
Other (2-year)	--	--	--	--	--	--	--	--	160	130	187	231
Total Mathematics courses	**1469**	**1614**	**1607**	**1971**	**--**	**--**	**--**	**--**	**1384**	**1273**	**1580**	**1887**
Probability and Statistics courses												
Elementary level	115	136	148	231	49	54	54	81	72	74	117	137
Upper level	28	35	34	32	16	20	24	27	0	0	0	0
Total Probability and Statistics Courses	**143**	**171**	**182**	**262**	**65** [2]	**74**	**78**	**108**	**72**	**74**	**117**	**137**
Computer Science Courses [1]												
Lower level	74	90	44	56	1	1	2	--	43	39	--	--
Middle level	13	17	8	12	0	0	0	--	0	0	--	
Upper level	12	16	5	10	0	0	0	--	0	0	--	--
Total Computer Science Courses [1]	**99**	**123**	**57**	**77**	**1**	**1**	**2**	**--**	**43**	**39**	**-**	**--**
Grand Total	**1711**	**1908**	**1845**	**2310**	**66** [2]	**75**	**80**	**108**	**1499**	**1386**	**1697**	**2024**

Note: Round-off may make column totals seem inaccurate.

[1] Beginning in 1995 computer science enrollment includes only courses taught in mathematics programs. Beginning in 2005, computer science courses were no longer included in the two-year college survey. Beginning in 2010, computer science courses were no longer included in the statistics survey.

[2] These totals were adjusted to remove certain mathematics enrollments included in statistics totals in 1995.

TABLE S.3 Combined total of all bachelors degrees in mathematics and statistics departments at four-year colleges and universities between July 1 and June 30 in 1989-90, 1994-95, 1999-2000, 2004-2005, and 2009-10 by selected majors and gender. The comparable 2005 table is Table S.4 p. 10.

Major	89-90	94-95	99-00	04-05	09-10
Mathematics (except as reported below)	13303	12456	10759	12316	12468
Mathematics Education	3116	4829	4991	3369	3614
Statistics (except Actuarial Science)	618	1031	502	527	856
Actuarial Mathematics	245	620	425	499	849
All Joint Majors (combined) [1]	--	--	--	--	1222
Joint Mathematics & Computer Science	960	453	876	719	--
Joint Mathematics & Statistics	124	188	196	203	--
Joint Math/Stat & (Business or Economics)	na	na	na	214	--
Other (includes Operations Research prior to 2010) [2]	1014	577	1550	985	231
Total Mathematics, Statistics & joint degrees	**19380**	**20154**	**19299**	**18833**	**19241**
Number of women	8847	9061	9017	8192	8692
Computer Science degrees	**5075**	**2741**	**3315**	**2603**	**2137**
Number of women	1584	532	808	465	394
Total degrees	**24455**	**22895**	**22614**	**21437**	**21377**
Number of women	10431	9593	9825	8656	9086

Note: Round-off may make column totals seem inaccurate.

[1] Beginning in 2010 the survey asked for the total number of all joint majors.

[2] Prior to 2010 Operations Research was a separate category.

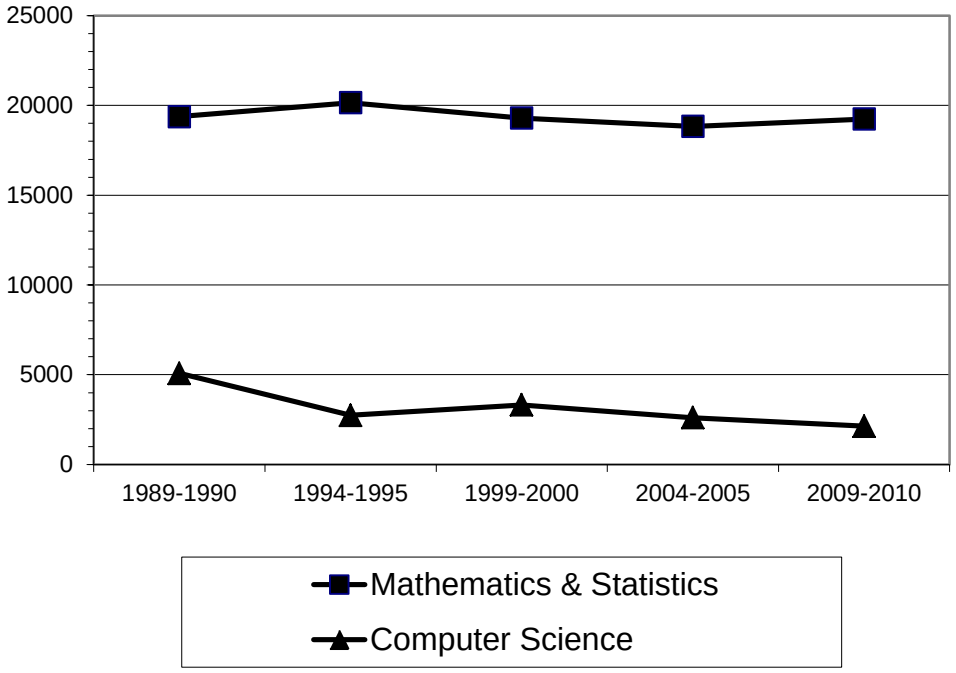


FIGURE S.3.1 Number of bachelors degrees in mathematics and statistics, and in computer science, granted through mathematics and statistics departments in academic years 1989-1990, 1994-1995, 1999-2000, 2004-2005, and 2009-2010.

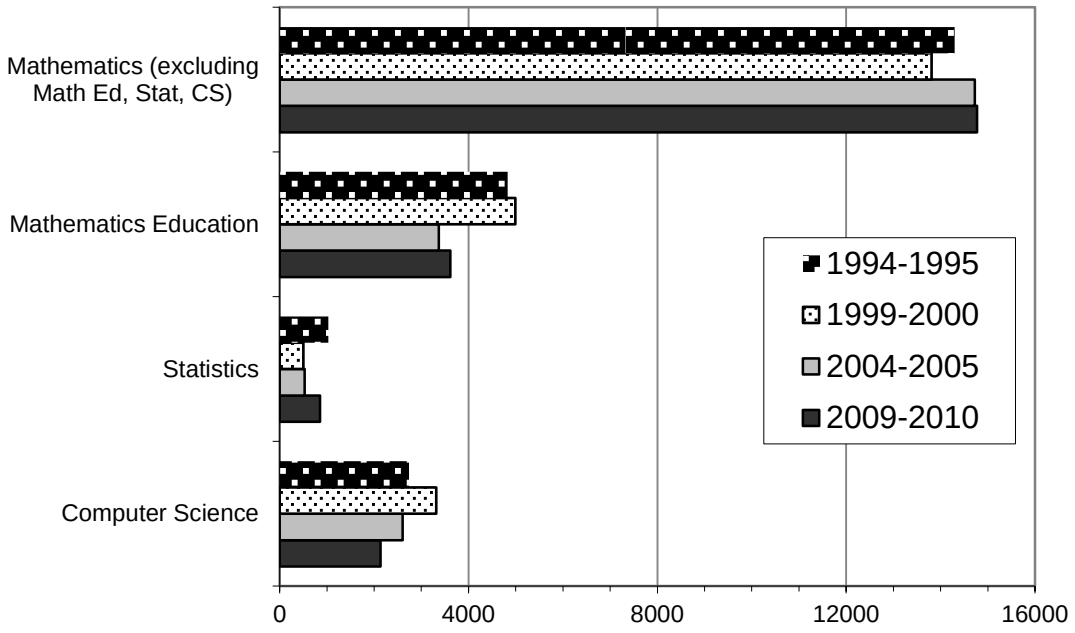


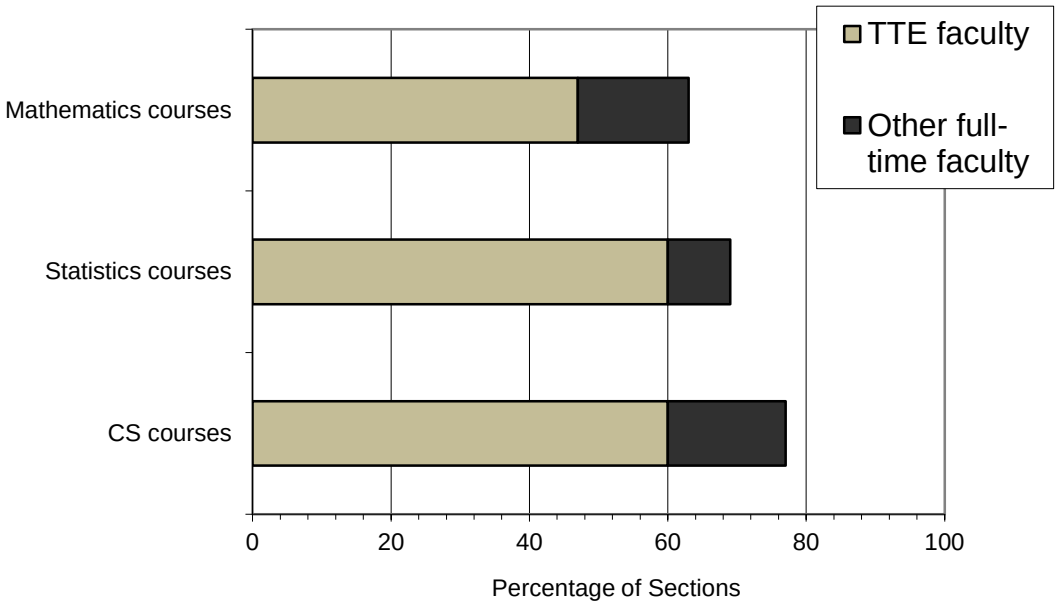
FIGURE S.3.2 Number of bachelors degrees awarded by mathematics and statistics departments (combined) at four-year colleges and universities between July 1 and June 30 in 1994-1995, 1999-2000, 2004-05, and 2009-2010.

TABLE S.4 Percentage of sections (excluding distance-learning and dual enrollment sections) in various types of courses taught by different types of instructors in mathematics and statistics departments of four-year colleges and universities, and percentage of sections taught by full-time and part-time faculty in mathematics programs of public two-year colleges, in fall 2010. Also total enrollments (in 1000s), excluding distance-learning and dual enrollment enrollments. The comparable 2005 table is Table S.5 p. 13.

	Percentage of sections taught by					
Four-Year College & University	Tenured/ tenure-eligible/ permanent [1] %	Other full-time %	Part- time %	Graduate teaching assistants %	Unknown %	Total enrollment in 1000s
Mathematics Departments						
Mathematics courses 2010	47	16	20	6	11	1928
Statistics courses 2010	60	9	14	3	13	250
Computer Science courses 2010	60	17	21	1	2	73
All mathematics department courses 2010	49	15	19	6	11	2251
Statistics Departments						
All statistics department courses 2010	49	11	8	10	22	105
Two-Year College Mathematics Programs	Full- time		Part- time			Enrollment in 1000s
All TYC mathematics program courses 2010	54	--	46	--	--	1836

Sums of percentages across rows do not always total 100% due to rounding.

[1] Before 2010 the category was "tenured/tenure-eligible"; the word "permanent" was added in 2010.



S.4.1 Percentage of sections in four-year college and university mathematics departments taught by tenured/tenure-eligible/permanent (TTE) faculty and by other full-time (OFT) faculty in fall 2010, by type of course. Deficits from 100% represent courses taught by part-time faculty, graduate teaching assistants, and unknown faculty.

TABLE S.5 Percentage of fall 2010 sections (excluding distance-learning sections) in courses of various types taught in mathematics and statistics departments of colleges and universities by various types of instructors, and percentage of sections taught by full-time and part-time faculty in mathematics programs at public two-year colleges in fall 2010, with data from fall 2005 from CBMS2005 Table S.6 and data from fall 2000 from CBMS2000 tables E12 to E18. Also total enrollments (in 1000s).

	Percentage of sections taught by					
Four-Year Colleges & Universities	Tenured/ tenure-eligible/ permanent [1] %	Other full-time %	Part-time %	Graduate teaching assistants %	Unknown %	Total enrollment in 1000s
Mathematics Department courses						
Mathematics courses						
Precollege level 2010	18	20	44	9	9	201
Precollege level 2005	9	25	46	14	5	199
Precollege level 2000	20	18	43	10	10	219
Introductory level 2010	32	22	27	8	10	834
Introductory level 2005	31	25	28	10	6	695
Introductory level 2000	35	21	28	10	6	723
Calculus level 2010	59	15	12	7	8	743
Calculus level 2005	61	17	9	7	6	583
Calculus level 2000	64	14	10	6	5	570
Upper level 2010	78*	.	.	.	23*	150
Upper level 2005	84*				16*	112
Statistics courses						
Elementary level 2010	48	14	22	4	12	218
Elementary level 2005	49	16	28	3	3	145
Elementary level 2000	47	16	24	5	8	136
Upper level 2010 sections	77*	.	.	.	23*	32
Upper level 2005 sections	59*				41*	34
Computer Science courses						
Lower level 2010	50	17	29	1	3	52
Lower level 2005	63	12	17	1	8	43
Lower level 2000	42	19	28	0	11	90
Statistics Department Courses						
Elementary level 2010	33	17	12	15	23	77
Elementary level 2005	25	21	13	20	21	53
Elementary level 2000	27	14	20	29	10	54
Upper level 2010	79*	.	.	.	21*	27
Upper level 2005	74*				26*	23
Two-Year College Mathematics Programs	Full-time		Part-time			
All 2010 sections	54		46			1836
All 2005 sections	56		44			1616
All 2000 sections	54		46			1347

[1] Before 2010 the category was "tenured/tenure-eligible"; the word "permanent" was added in 2010.

* Beginning in 2005 the CBMS survey asked departments to specify the number of upper division sections and the number taught by tenured and tenure-eligible faculty. The deficit from 100% is reported as "unknown."

Some rows do not sum to 100% due to round-off. Note: zero means less than one-half of one percent.

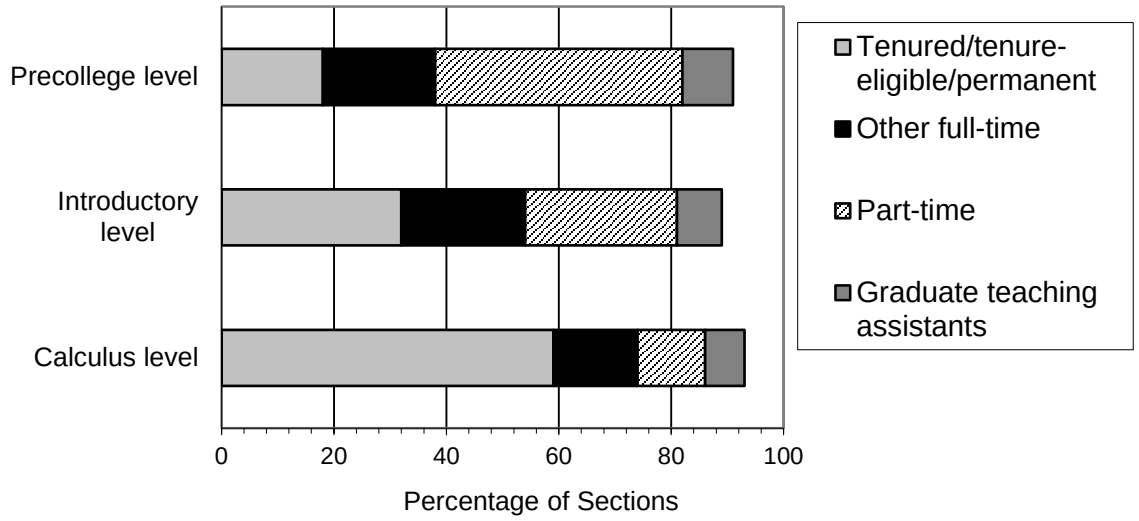


FIGURE S.5.1 Percentage of sections in lower-division undergraduate mathematics courses in mathematics departments at four-year colleges and universities by level of course and type of instructor in fall 2010. Deficits from 100% represent unknown instructors.

TABLE S.6 Percentage of fall 2010 sections in Mainstream Calculus I and II (not including distance-learning sections) taught by various kinds of instructors in mathematics departments at four-year colleges and universities by size of sections with fall 2005 data from CBMS2005 Table S.7. Percentage of sections taught by full-time and part-time faculty in mathematics programs at public two-year colleges in fall 2005 and 2010. Also total enrollments (in 1000s) and average section sizes.

	Percentage of sections taught by						
Four-Year Colleges & Universities	Tenured/ tenure-eligible/ permanent [1] %	Other full-time %	Part-time %	Graduate teaching assistants %	Unk-nown %	Enroll-ment in 1000s	Average section size
Mainstream Calculus I							
Large lecture/recitation	46	19	20	9	7	107	50
Regular section <31	65	18	11	3	4	49	21
Regular section >30	48	16	14	9	12	78	36
Course total 2010	**53**	**18**	**15**	**7**	**8**	**234**	**35**
Course total 2005	63	17	7	8	5	201	32
Mainstream Calculus II							
Large lecture/recitation	50	15	27	4	4	61	51
Regular section <31	76	9	5	4	6	22	19
Regular section >30	52	17	5	13	13	45	37
Course total 2010	**59**	**14**	**12**	**7**	**8**	**128**	**36**
Course total 2005	66	15	6	8	5	85	33
Total Mainstream Calculus I & II 2010	**55**	**16**	**14**	**7**	**8**	**362**	**35**
Total Mainstream Calculus I & II 2005	64	16	7	8	5	286	32
Two-Year Colleges	Full-time %		Part-time %				
Mainstream Calculus I 2010	**90**		**10**			**63**	**20**
Mainstream Calculus I 2005	88		12			49	22
Mainstream Calculus II 2010	**86**		**14**			**29**	**24**
Mainstream Calculus II 2005	87		13			19	18
Total Mainstream Calculus I & II 2010	**89**		**11**			**93**	**21**
Total Mainstream Calculus I & II 2005	87		13			68	21

Percentage sums across rows may differ from 100% due to round-off.

[1] Before 2010 the category was "tenured/tenure-eligible"; the word "permanent" was added in 2010.

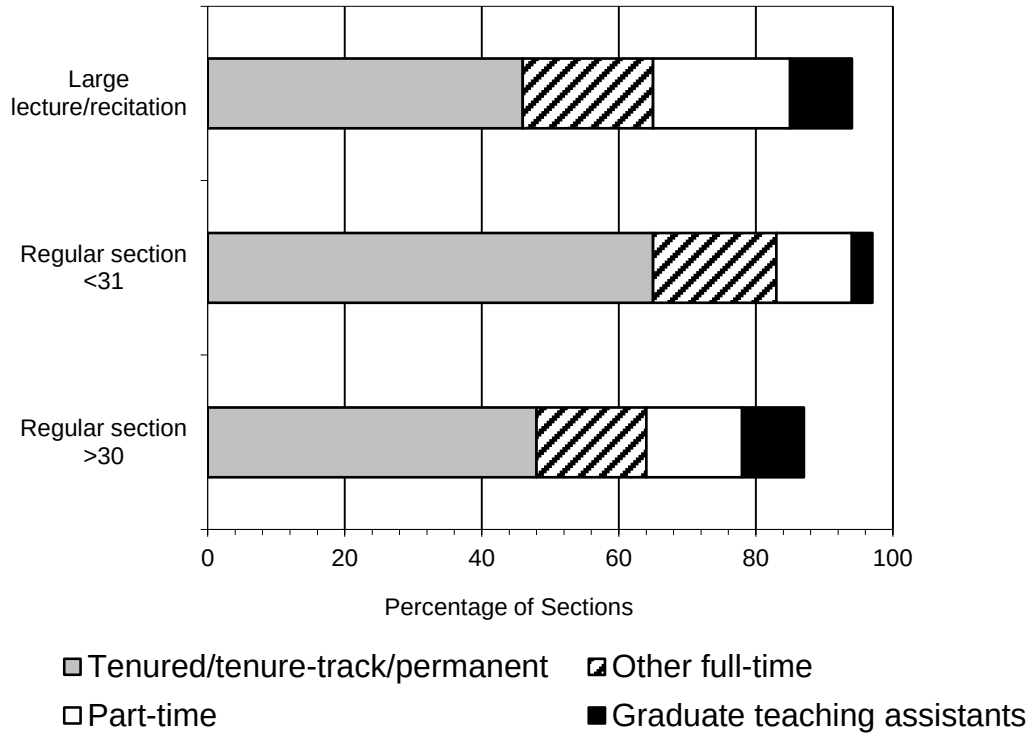


FIGURE S.6.1 Percentage of sections in Mainstream Calculus I taught by tenured/tenure-eligible/permanent, other full-time, part-time, and graduate teaching assistants in mathematics departments at four-year colleges and universities by size of sections in fall 2010. Deficits from 100% represent unknown instructors.

TABLE S.7 Percentage of sections in Non-Mainstream Calculus I and II, III, etc. taught by various kinds of instructors in mathematics departments at four-year colleges and universities by size of sections, and percentage of sections taught by full-time and part-time faculty in mathematics programs at public two-year colleges in fall 2010. Also total enrollments (in 1000s) and average section sizes. Distance-learning sections are not included. (For four-year colleges and universities, data in parentheses show percentage of enrollments in 2000, of sections in 2005.) The comparable 2005 table is S.8 p. 19.

	Percentage of sections taught by						
Four-Year Colleges & Universities	Tenured/ tenure-eligible/ permanent [1] %	Other full-time %	Part-time %	Graduate teaching assistants %	Unk-nown %	Enroll-ment in 1000s	Average section size
Non-Mainstream Calculus I							
Large lecture/recitation	35	30	20	9	7	34	56
Regular section <31	33	18	23	15	11	17	24
Regular section >30	27	24	24	11	14	48	45
Course total 2010	31	24	23	12	11	99	42
(2000, 2005) [2]	(44,35)	(21,23)	(19,21)	(12,13)	(4,9)	(105,108)	(40,37)
Non-Mainstream Calculus II, III, etc. [3]							
Course total 2010	34	15	17	11	22	22	29
(2000, 2005) [2]	(53,33)	(10,26)	(22,23)	(15,17)	(1,1)	(10,10)	(40,46)
Total Non-Mnstrm Calculus I & II, III, etc.	31	22	21	12	14	121	39
(2000, 2005) [2]	(44,35)	(20,23)	(19,21)	(12,13)	(5,8)	(115,118)	(40,38)
Two-Year Colleges	Full-time %		Part-time %				
Non-Mainstream Calculus I	75		25			19	21
(2000, 2005)	(74,73)		(26,27)			(16,20)	(22,23)
Non-Mainstream Calculus II	50		50			2	27
(2000, 2005)	(92,66)		(8,34)			(1,1)	(20,21)
Total Non-Mnstrm Calculus I & II	73		27			21	21
(2000, 2005)	(76,72)		(24,28)			(17,21)	(22,23)

[1] Before 2010 the category was "tenured/tenure-eligible"; the word "permanent" was added in 2010.

[2] For four-year colleges and universities, data in parentheses show percentage of enrollments in 2000, of sections in 2005.

[3] The 2010 survey asked for "Non-Mainstream Cal I, II, and III, etc". -- the data here are our best estimate for Calculus II, III, etc. Previous surveys asked only for Non-Mainstream Calculus II.

Sums of percentages across rows may differ from 100% due to round-off.

TABLE S.8 Percentage of sections in elementary probability and statistics courses taught by various types of instructors in mathematics departments at four-year colleges and universities by size of sections, and percentage of sections taught by full-time and part-time faculty in mathematics programs at public two-year colleges in fall 2010; comparable data for (2000, 2005) when available. Also total enrollments (in 1000s) and average section sizes. Distance-learning enrollments are not included. (For four-year colleges and universities, data in parentheses show percentage of enrollments in 2000, of sections in 2005.) The comparable 2005 table is S.9 p. 20.

	Percentage of sections taught by						
Four-Year Colleges & Universities Mathematics Departments	Tenured/ tenure-eligible/ permanent [1] %	Other full-time %	Part-time %	Graduate teaching assistants %	Unk-nown %	Enroll-ment in 1000s	Average section size
Introductory Statistics (F1) (no calculus prerequisite) [3]							
Large lecture/recitation	46	6	27	2	19	47	33
Regular section <31	46	17	26	2	9	54	22
Regular section >30	46	18	17	8	12	74	45
Course total (F1)	**46**	**15**	**24**	**4**	**12**	**174**	**31**
(2000, 2005) [2]	(45,51)	(13,16)	(24,27)	(7,3)	(11,4)	(114,122)	(42,31)
Introductory Statistics (F2) (calculus prerequisite) (not for majors)							
Large lecture/recitation	59	21	8	2	9	8	25
Regular section <31	70	8	12	3	7	6	15
Regular section >30	49	23	10	19	0	9	38
Course total (F2)	**61**	**16**	**10**	**7**	**6**	**23**	**24**
Probability & Statistics (F3) (no calculus prerequisite)							
Course total (F3)	**41**	**8**	**26**	**9**	**16**	**18**	**32**
(2000, 2005) [2]	(50,29)	(28,24)	(23,44)	(0,1)	(0,2)	(13,18)	(25,30)
Other elementary level Probability & Statistics courses (F4)							
Course total (F4)	**71**	**12**	**0**	**6**	**12**	**3**	**27**
Total All Elem. Probability & Statistics courses							
Course total (F1+F2+F3+F4)	**48**	**14**	**22**	**4**	**12**	**218**	**30**
(F1 + F3 totals, 2000, 2005) [2]	(46,48)	(14,17)	(24,29)	(6,3)	(10,3)	(127,140)	(25,31)
Two-Year Colleges	Full-time %		Part-time %				
Total All Elementary Probabilty and Statistics Courses	61		39			114	28
(2000, 2005)	(66,65)		(34,35)			(71,101)	(25,26)

[1] Before 2010 the category was "tenured/tenure-eligible"; the word "permanent" was added in 2010.

[2] For four-year colleges and universities, data in parentheses show percentage of enrollments in 2000, of sections in 2005.

[3] This course was called "Elementary Statistics" in previous CBMS surveys

Sums of percentages across rows may differ from 100% due to round-off. Note: 0 means less than one half of 1%.

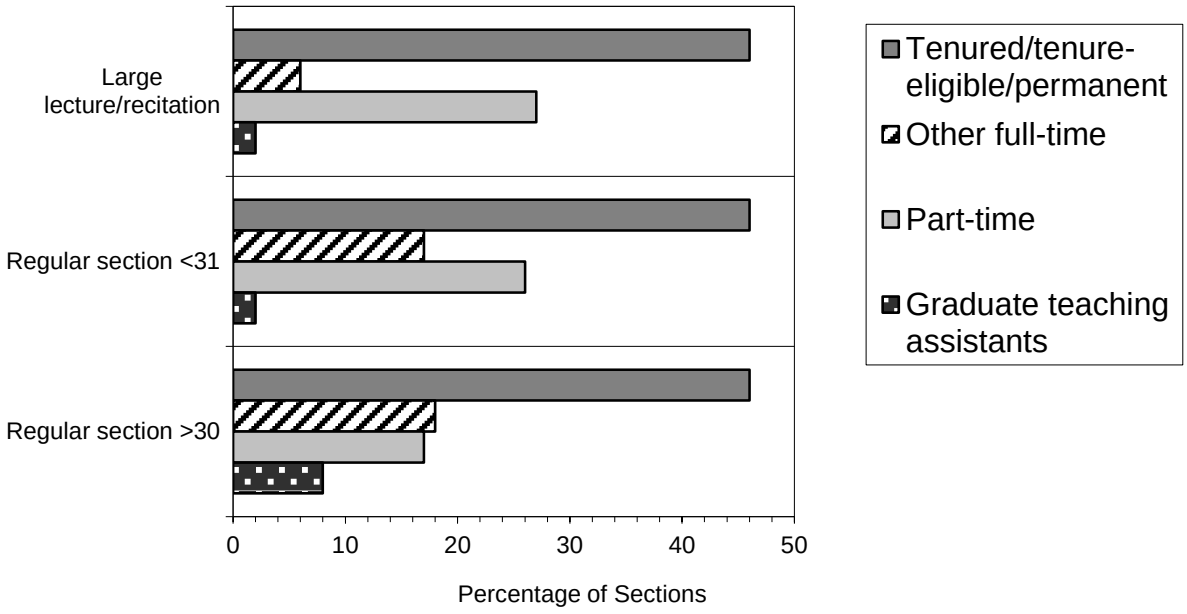


FIGURE S.8.1 Percentage of sections in Introductory Statistics (no Calculus prerequisite) taught by tenured/tenure-eligible/permanent, other full-time, part-time, and graduate teaching assistants in mathematics departments at four-year colleges and universities by size of sections in fall 2010. Deficits from 100% represent unknown instructors.

TABLE S.9 Percentage of sections in elementary statistics for non-majors/minors (no Calculus prerequisite) and (Calculus prerequisite) taught by tenured/tenure-eligible/permanent [1], other full-time, part-time faculty, graduate teaching assistants and unknown in statistics departments at four-year colleges and universities by size of sections in fall 2010. Also, total enrollments (in 1000s) and average section sizes. Distance enrollments are not included. (Data from 2000 when available [2] show percentage of enrollments.) The comparable 2005 table is S.10 p. 22.

	Percentage of sections taught by						
Statistics Departments	Tenured/ tenure-eligible/ permanent [1] %	Other full-time %	Part-time %	Graduate teaching assistants %	Unk-nown %	Enroll-ment in 1000s	Average section size
Introductory Statistics (no calculus prerequisite) [3]							
Large lecture/recitation	21	20	13	14	31	38	61
Regular section <31	44	25	20	4	7	5	23
Regular section >30	33	9	11	25	21	13	40
Course total	**29**	**18**	**14**	**16**	**24**	**56**	**47**
(2000 [2] ,2005)	(36,26)	(17,21)	(22,16)	(19,22)	(6,15)	(40,42)	(65,63)
Introductory Statistics (calculus prerequisite) (for non-majors)							
Large lecture/recitation	35	21	9	10	25	7	46
Regular section <31	47	11	3	8	31	4	27
Regular section >30	47	13	15	14	11	5	37
Course total	**43**	**15**	**9**	**11**	**23**	**16**	**37**
Total All Elementary Probability & Statistics courses 2010							
Large lecture/recitation	24	20	12	13	30	45	58
Regular section <31	45	19	13	6	16	9	25
Regular section >30	37	10	12	22	19	18	39
Course total	**32**	**17**	**12**	**14**	**24**	**73**	**44**

[1] Beginning in 2010 the CBMS survey added the word "permanent" to the description "tenured/tenure eligible" that was used previously.

[2] Previous CBMS surveys gathered data for a course described as Probability and Statistics (no calculus prerequisite). Beginning in 2010 this description was replaced with Introductory Statistics (calculus prerequisite) (for non-majors).

[3] In previous CBMS surveys this course was called "Elementary Statistics"

Sums of percentages across rows may differ from 100% due to round-off.

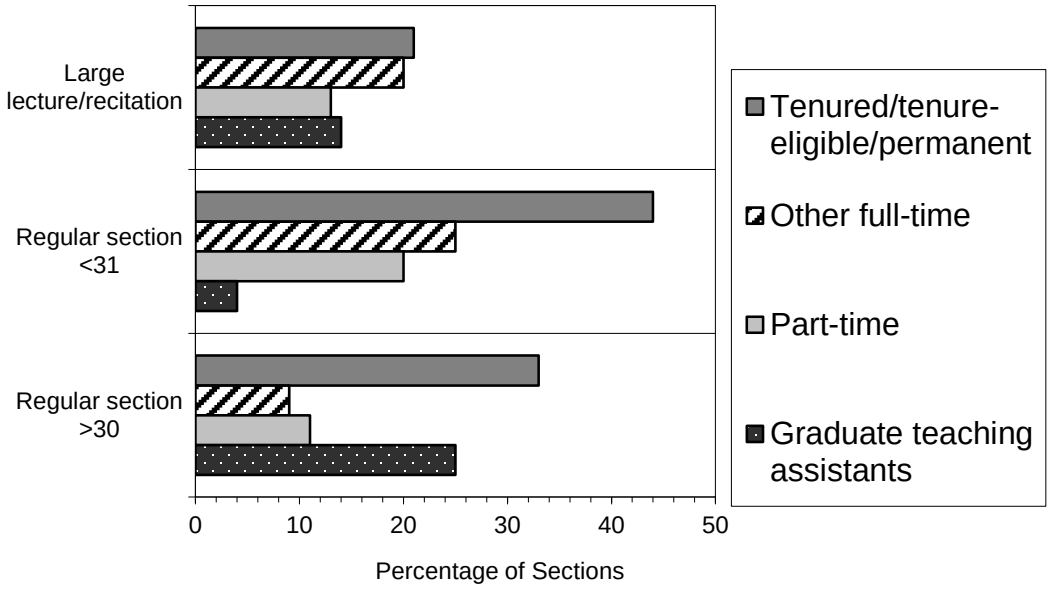


FIGURE S.9.1 Percentage of sections in Introductory Statistics (no Calculus prerequisite) taught by tenured/tenure-eligible/permanent faculty, other full-time faculty, part-time faculty, and graduate teaching assistants in statistics departments at four-year colleges and universities by size of sections in fall 2010.

TABLE S.10 Percentage of sections in Mainstream Calculus I and II taught using various reform methods in mathematics programs in public two-year college mathematics programs in fall 2010. (Data for four-year colleges and universities and from two-year colleges for 1995, 2000, 2005 (with different categories) is reported in Table S.11 p. 24 of the 2005 report.) Also total enrollments (in 1000s) and average section sizes. Distance-learning sections are not included.

	Percentage of sections taught using				
Two-Year Colleges	Computer algebra systems %	Commercial packages %	Mostly lecture %	Enrollment in 1000s	Average section size
Mainstream Calculus I	9	12	66	63	20
Mainstream Calculus II	9	11	85	29	24
Total Mainstream Calculus I & II	9	12	71	93	21

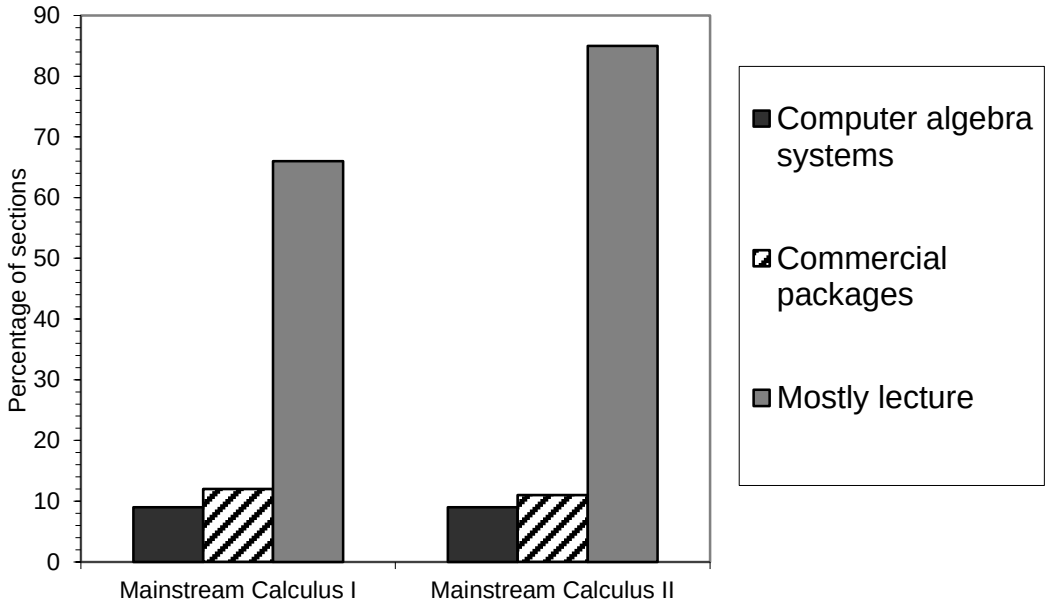


FIGURE S.10.1 Percentage of sections of Mainstream Calculus I and Mainstream Calculus II taught using various reform methods in mathematics programs at public two-year colleges in fall 2010.

TABLE S.11 Percentage of sections in Non-Mainstream Calculus I taught using various reform methods in mathematics programs at public two-year colleges, in fall 2010. Also total enrollments (in 1000s) and average section sizes. Distance-learning sections are not included. (Data for four-year colleges and universities, and from two-year colleges from 1995, 2000, and 2005 (with different categories) is reported in Table S.12 p. 27 of the 2005 report).

	Percentage of sections taught using				
Two-Year Colleges	Computer algebra systems %	Commercial packages %	Mostly lecture %	Enrollment in 1000s	Average section size
Non-Mainstream Calculus I	0	22	72	19	21
Non-Mainstream Calculus II	0	0	84	2	27
Total Non-Mainstream Calculus I & II	0	20	73	21	21

Note: 0 means less than one half of 1%.

TABLE S.12 Percentage of sections of Elementary Statistics at mathematics programs at public two-year colleges taught using various reform methods in fall 2010. Also total enrollment (in 1000s) (distance learning courses excluded) and average section sizes. (Data from mathematics and statistics departments at four-year colleges and universities, and from public two-year colleges (with different categories) from 1995, 2000, and 2005 is reported in the CBMS2005 report Table S.13.)

	Percentage of sections taught using				
Two-Year Colleges	Computer algebra systems %	Commercial packages %	Mostly lecture %	Enrollment in 1000s	Average section size
Elementary Statistics	2	19	81	114	28

TABLE S.13 (A) Percentages of mathematics and statistics departments at four-year colleges and universities that use various practices to teach Introductory Statistics with no calculus prerequisite (for non-majors/minors) in the majority of the sections in Fall 2010.

	% of Math Depts.	% of Stat Depts.
Offer elementary statistics course with no calculus prerequisite	84	88
Percentage of class sessions in which real data is used is:		
0-20%	18	9
21-40%	27	17
41-60%	19	16
61-80%	16	20
81-100%	20	38
Percentage of class sessions in which in-class demonstrations or problem solving activities take place is:		
0-20%	14	19
21-40%	29	22
41-60%	13	16
61-80%	25	17
81-100%	19	26
Majority of sections use the following kinds of technology:		
Graphing calculators	71	43
Statistical packages	55	87
Educational software	19	40
Applets	17	34
Spreadsheets	51	48
Web-based resources	54	74
Classroom response systems	10	29
Percentage of departments where the majority of sections require assessments beyond homework, exams, and quizzes	45	36

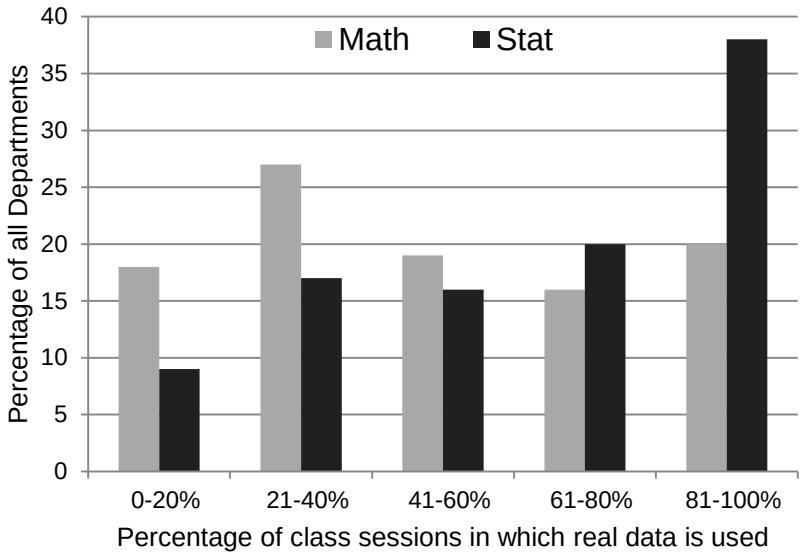


Figure S.13 A.1 Percentage of departments reporting the use of real data in the course *Introductory Statistics with no calculus prerequisite* by percentage of class sessions in which real data is used and by type of department.

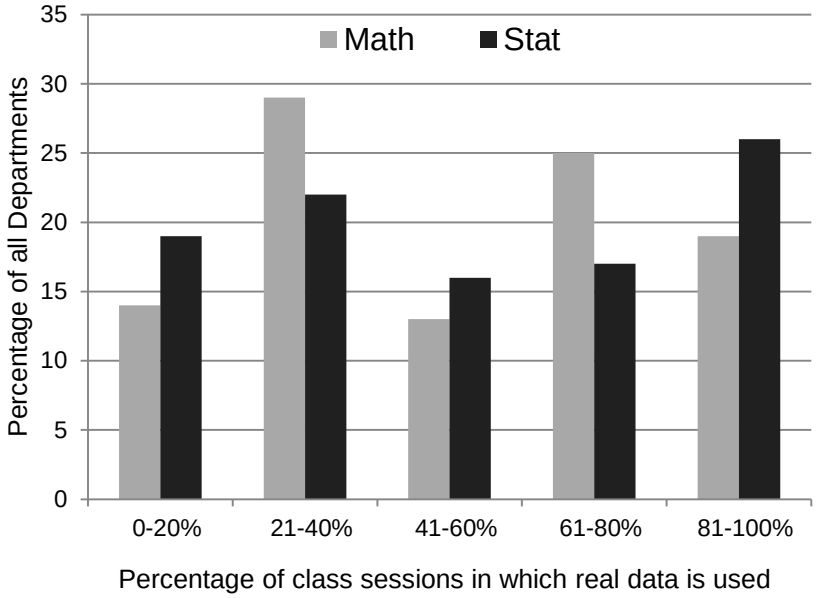


Figure S.13 A.2 Percentage of departments reporting in-class demonstrations or problem solving activities in the course *Introductor*y *Statistics with no calculus prerequisite* by percentage of class sessions in which this activity takes place and by type of department.

TABLE S.13 B Percentages of four-year mathematics departments at four-year colleges and universities that use various practices in teaching College Algebra in the majority of sections in Fall 2010.

	Percentage Math Depts	
Practices used in the teaching College Algebra in the majority of sections	Overall	Mean per department
a. Emphasize problem solving in the modeling sense	44	53
b. Include elementary data analysis	27	26
c. Include writing assignments	16	23
d. Include small group activities	36	42
e. Include small group projects	20	22
f. Include class presentations	9	12
g. Use graphing calculators	66	72
h. Use spreadsheets	5	8
i. Use online homework generating and grading packages	68	58
j. Use classroom response systems (e.g., clickers)	9	8
k. Primarily use a traditional approach	65	70

TABLE S.14 Number of full-time and part-time faculty in mathematics departments at four-year colleges and universities, in doctoral statistics departments at universities, and in mathematics programs at two-year colleges in fall 1995, 2000, 2005, and 2010. (Two-year college data for 2005 and 2010 include only public two-year colleges.)

	1995	2000	2005	2010
Four-Year Colleges & Universities				
Mathematics Departments				
Full-time faculty	19572	19779	21885	22293
Part-time faculty	5399	7301	6536	6050
Statistics Departments (PhD)				
Full-time faculty	840	808	946	1004
Part-time faculty	125	102	112	105
Two-Year College Mathematics Programs				
Full-time faculty	7742	7921	9403	10873
Part-time faculty[1]	14266	14887	18227	23453

[1] Paid by two-year colleges. In fall 2000, there were an additional 776 part-time faculty in two-year colleges who were paid by a third party (e.g. by a school district, in a dual-enrollment course), in 2005 the number paid by a third party was 1915, and in 2010 the number paid by a third party was 2323.

Note on data sources: Data on four-year mathematics and on PhD-granting statistics departments in Table S.14 are taken from reports of the AMS's Annual Survey of the Mathematical Sciences, co-sponsored by AMS/ASA/IMS/MAA/SIAM and published each year in the *Notices of the American Mathematical Society*. Combined data for statistics and biostatistics departments with Ph.D. programs are reported as Group IV data in those reports, and the figures reported in Table S.14 for statistics departments were obtained by removing all departments that do not have undergraduate programs from the Group IV totals.

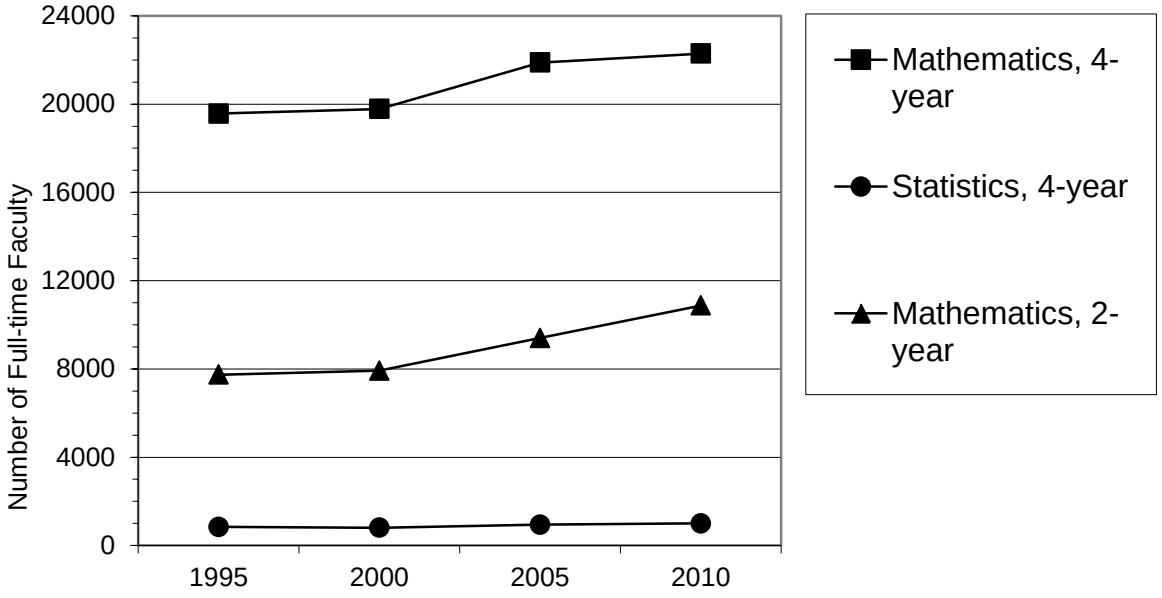


FIGURE S.14.1 Number of full-time faculty in mathematics departments of four-year colleges and universities, in doctoral statistics departments, and in mathematics programs at two-year colleges in fall 1995, 2000, 2005, and 2010.

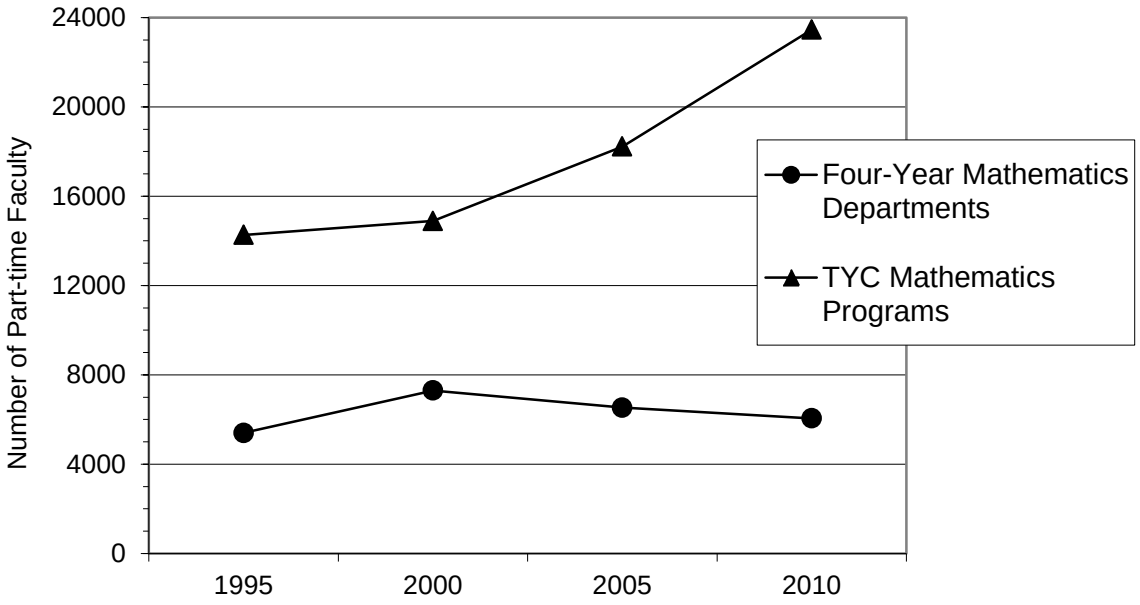


FIGURE S.14.2 Number of part-time faculty in mathematics departments at four-year colleges and universities and in mathematics programs at two-year colleges (TYCs) in fall 1995, 2000, 2005, and 2010.

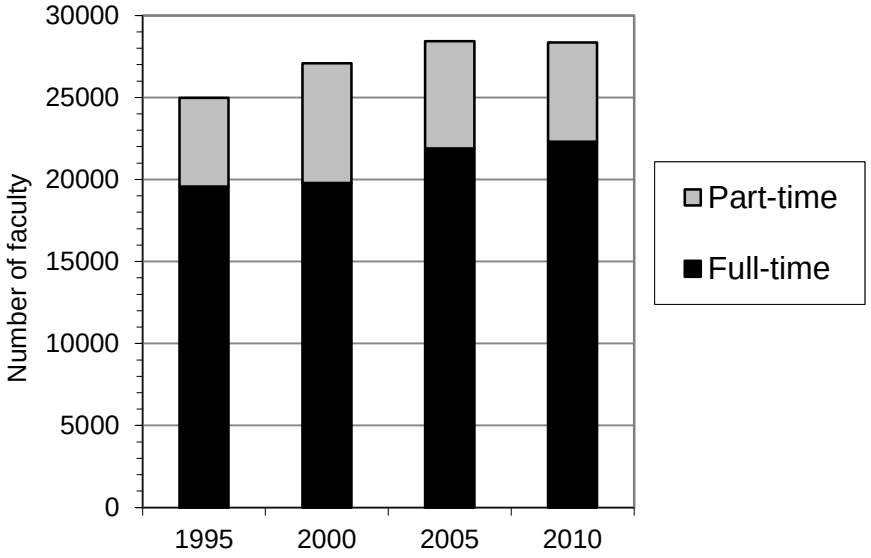


FIGURE S.14.3 Number of full-time and part-time faculty in mathematics departments of four-year colleges and universities in fall 1995, 2000, 2005, and 2010.

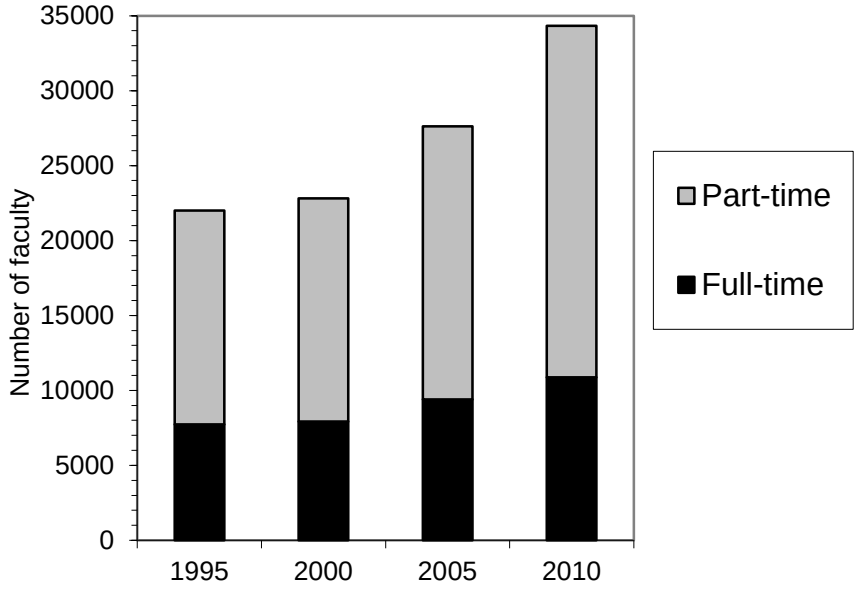


FIGURE S.14.4 Number of full-time and part-time faculty in mathematics programs at two-year colleges in fall 1995, 2000, 2005, and 2010.

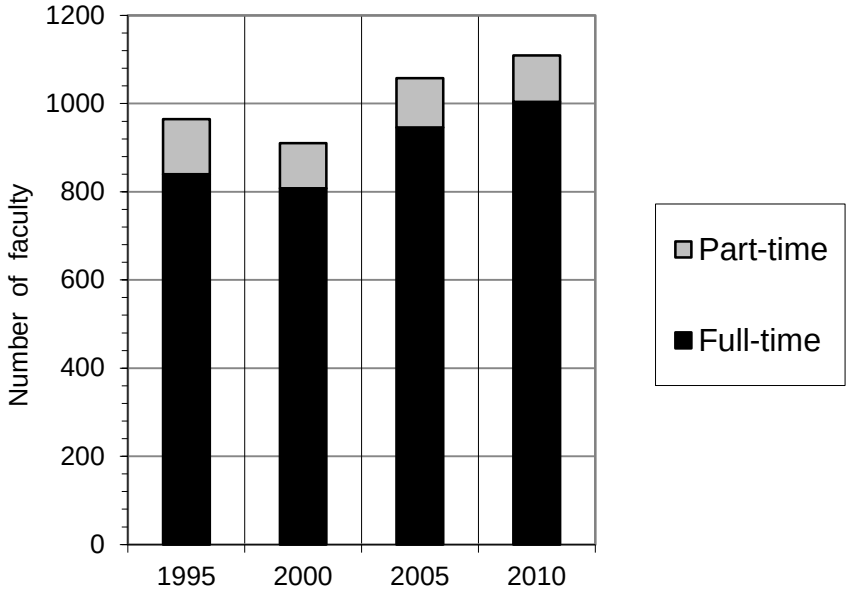


FIGURE S.14.5 Number of full-time and part-time faculty in doctoral statistics departments in fall 1995, 2000, 2005, and 2010.

TABLE S.15 Number of full-time faculty who are tenured and tenure-eligible (TTE), postdocs, and other full-time (OFT) in mathematics and doctoral statistics departments of four-year colleges and universities, and in mathematics programs at two-year colleges, in fall 2005 and fall 2010. (Postdocs are included in the other full-time category.)

Four-Year Colleges and Universities	Fall 2005				Fall 2010			
Mathematics Departments	Total	TTE	Other full-time	Postdoc	Total	TTE	Other full-time	Postdoc
Full-time faculty	**21885**	**17256**	**4629**	**819**	**22293**	**16364**	**5929**	**1025**
Having doctoral degree	18071	15906	2165	813	18249	15646	2603	1024
Having other degree	3814	1350	2464	6	4044	717	3326	1
Doctoral Statistics Departments								
Full-time faculty	**946**	**783**	**163**	**51**	**1004**	**789**	**215**	**71**
Having doctoral degree	915	781	133	51	969	786	184	71
Having other degree	31	2	30	0	35	3	31	0
Total Math & Doc. Stat Depts	**22831**	**18039**	**4792**	**870**	**23297**	**17153**	**6144**	**1096**
Two-Year College Mathematics	Total full-time faculty	Full-time permanent	Full-time temporary		Total full-time faculty	Full-time permanent	Full-time temporary	
Full-time faculty	**9403**	**8793**	**610**		**10873**	**9790**	**1083**	
Grand Total	**32234**	**26832**	**5402**	**870**	**34170**	**26943**	**7227**	**1096**

Note: Round-off may make marginal totals seem inaccurate.

TABLE S.16 Gender among full-time faculty in mathematics and doctoral statistics departments of four-year colleges and universities by type of appointment, and among permanent full-time faculty in mathematics programs at two-year colleges in fall 2005 and fall 2010. Also gender among doctoral and masters degree recipients. (Postdocs are included in the other full-time category.) This table can be compared to Table S.17 p.38 in CBMS 2005 report.

Four-Year Colleges and Universities	Fall 2005					Fall 2010				
Mathematics Departments	Total	Tenured	Tenure-eligible	Other full-time	Postdoc	Total	Tenured	Tenure-eligible	Other full-time	Postdoc
Full-time faculty	21885	12874	4382	4629	819	22293	12747	3617	5929	1025
Number of women	5641	2332	1250	2059	191	6416	2740	1227	2449	233
	(26%)	(18%)	(29%)	(44%)	(23%)	(29%)	(21%)	(34%)	(41%)	(23%)
Doctoral Statistics Departments										
Full-time faculty	946	604	179	163	51	1004	580	209	215	71
Number of women	211	79	66	66	16	261	95	84	82	18
	(22%)	(13%)	(37%)	(40%)	(31%)	(26%)	(16%)	(40%)	(38%)	(25%)
			July 1, 1980 - June 30, 2010					July 1, 2005 - June 30, 2010		
Number of PhD's from US Math & Stat Depts[1]			32278					7259		
Number of women among new PhDs[1]			8051 (25%)					2349 (32%)		

Two-Year College Mathematics Programs	Total full-time	Full-time age < 40	Total full-time	Full-time age < 40
Full-time faculty	8793	2326	9790	3244
Number of women	4373	1148	4924	1764
	(50%)	(49%)	(50%)	(54%)

Masters degrees in mathematics and statistics granted in the U.S. in 2008-09[2]	5211
Number of women among new masters recipients[2]	2147 (41%)

[1] Reports of the Annual Survey of the Mathematical Sciences, *Notices of the AMS*, 1980-2011. Available at http://www.ams.org/profession/data/annual-survey/annual-survey

[2] 2010 Digest of Educational Statistics, NCES, Table 300, available at http://nces.ed.gov/programs/digest/d10/tables/dt10_300.asp

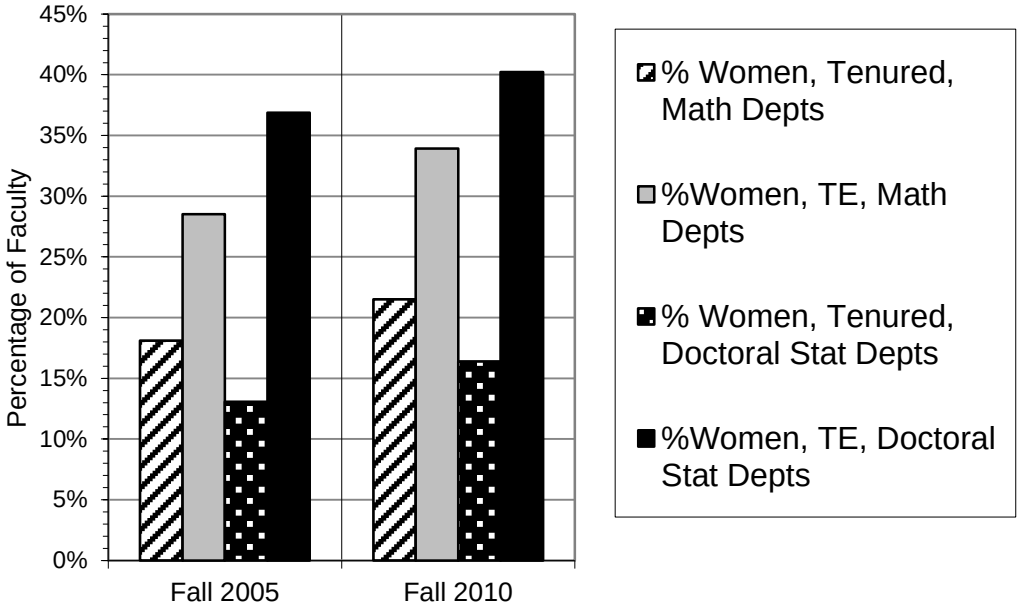


FIGURE S.16.1 Percentage of women in tenured and in tenure-eligible(TE) categories in mathematics departments of four-year colleges and universities and doctoral statistics departments, in fall 2005 and 2010.

TABLE S.17 Percentage of all tenured and tenure-eligible faculty in mathematics departments of four-year colleges and universities in various age groups, and average age, by gender in fall 2010. Percentage full-time permanent faculty in mathematics programs at public two-year colleges, by age, and average ages in fall 2010. Also, historical data from fall 2005 that can be found in Table S.18 p.39 of 2005 CBMS report.

Four-Year College & University Mathematics Departments	Percentage of tenured/tenure-eligible faculty										Average age 2005	Average age 2010
	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	>69		
	%	%	%	%	%	%	%	%	%	%		
Tenured men	0	1	4	7	9	10	10	10	7	4	53.7	54.6
Tenured women	0	0	2	3	3	3	2	2	1	0	50.2	50.7
Tenure-eligible men	2	5	4	2	1	0	0	0	0	0	38.9	36.9
Tenure-eligible women	1	3	2	1	1	0	0	0	0	0	38.6	37.8
Total tenured & tenure-eligible faculty	**2**	**9**	**12**	**12**	**14**	**13**	**13**	**12**	**8**	**4**		

	Percentage of permanent full-time faculty										
Two-Year College Mathematics Program	<30	30-34	35-39	40-44	45-49	50-54	55-59	>59			
Full-time permanent faculty	**8**	**9**	**12**	**14**	**15**	**11**	**13**	**17**		47.8	46.8

Note: 0 means less than half of 1%. Round off may cause some marginal totals to appear inaccurate.

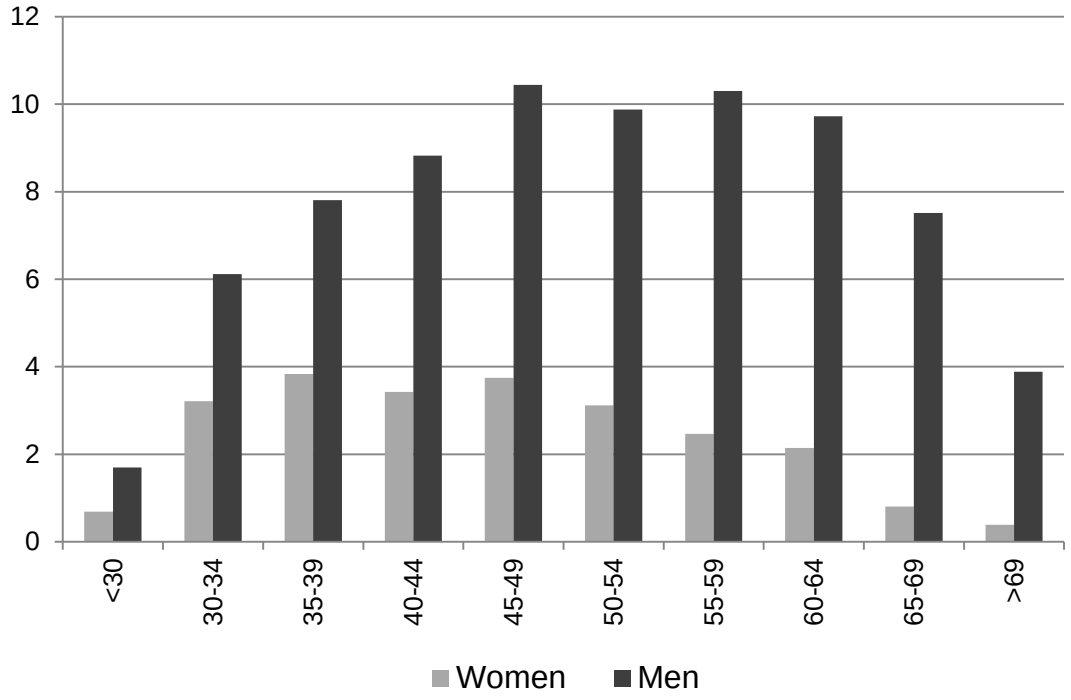


FIGURE S.17.1 Percentage of all tenured and tenure-eligible (TTE) faculty in mathematics departments at four-year colleges and universities belonging to various age groups, by gender, in fall 2010.

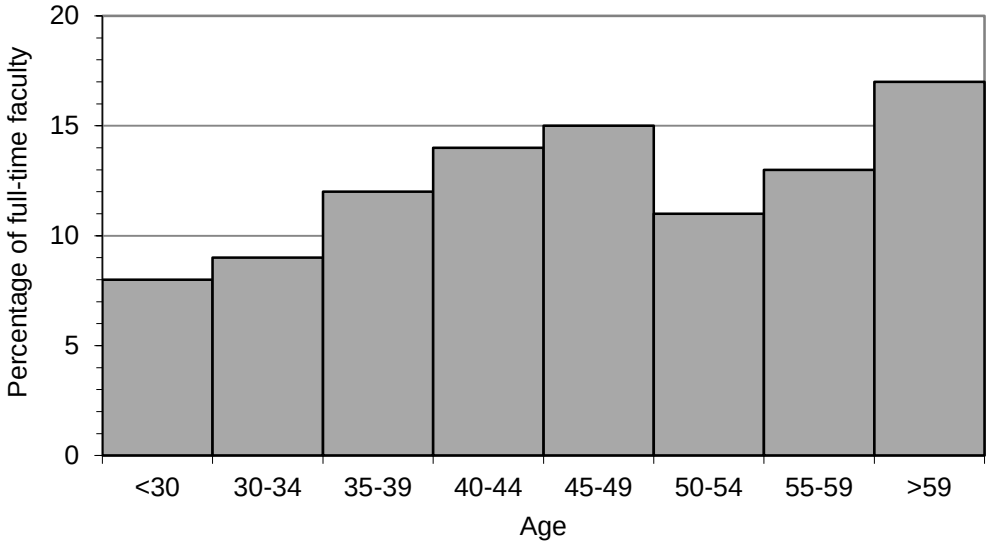


FIGURE S.17.2 Percentage of permanent full-time faculty in various age groups in mathematics programs at public two-year colleges in fall 2010.

TABLE S.19 Percentage of tenured and tenure-eligible faculty belonging to various age groups in doctoral and masters statistics departments (combined) at universities by gender, and average ages in fall 2010. Also average ages for doctoral statistics departments in fall 2005. Comparable table in CBMS 2005 report is S.19 p.41.

All Statistics Departments	Percentage of tenured/tenure-eligible faculty										Average age 2005[1]	Average age 2010
	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	>69		
	%	%	%	%	%	%	%	%	%	%		
Tenured men	0	1	5	9	8	7	11	11	5	4	52.7	53.8
Tenured women	0	1	2	2	2	2	2	1	1	0	45.6	48.4
Tenure-eligible men	2	8	5	1	0	0	0	0	0	0	33.7	34.8
Tenure-eligible women	1	4	4	1	0	0	0	0	0	0	33.2	35.6
Total tenured & tenure-eligible faculty	**3**	**14**	**16**	**14**	**10**	**9**	**12**	**12**	**6**	**4**		

Note: 0 means less than half of 1%. Round off may cause some marginal totals to appear inaccurate.

[1]Average ages for fall 2005 from CBMS2005 Table S.19.

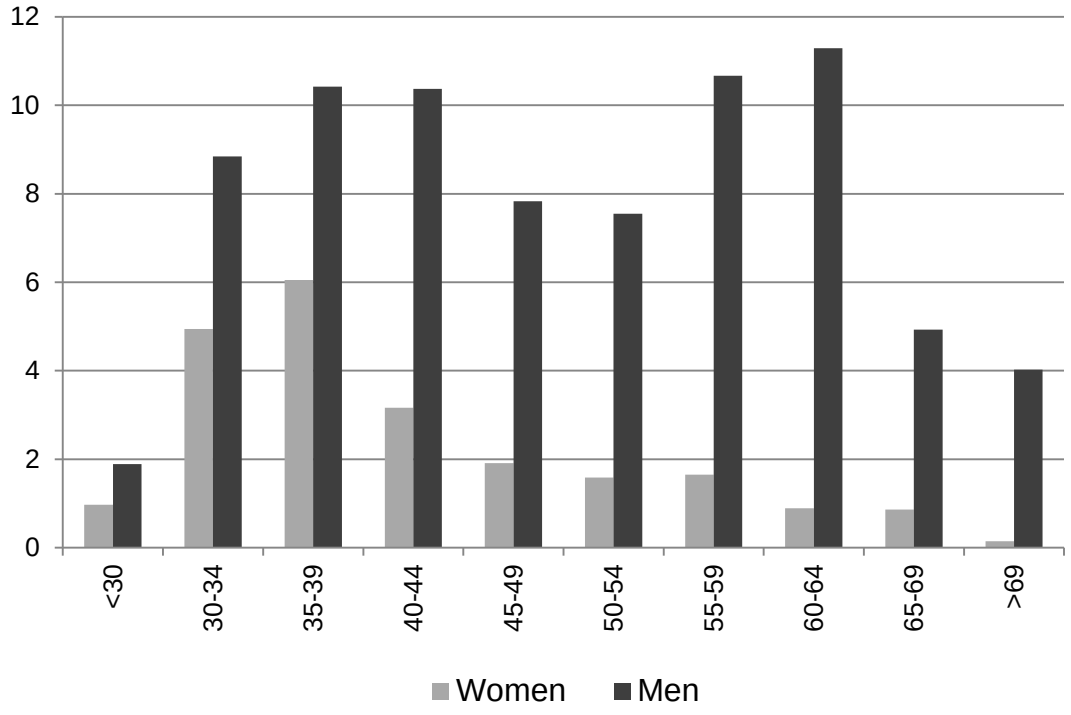


FIGURE S.18.1 Percentage of tenured and tenure-eligible faculty in various age groups, by gender, in doctoral and masters statistics departments (combined) in fall 2010.

TABLE S.19 Percentage of gender and of racial/ethnic groups among all tenured, tenure-eligible, postdoctoral, and other full-time faculty in mathematics departments of four-year colleges and universities in fall 2010. Comparable table in 2005 report is Table S.20 p.42.

Mathematics Departments	Asian	Black, not Hispanic	Mexican American/ Puerto Rican/ other Hispanic	White, not Hispanic	Other/ Unknown[1]
	%	%	%	%	%
Tenured Men	6	1	1	36	1
Tenured Women	1	0	0	10	0
Tenure-eligible men	2	0	0	7	0
Tenure-eligible women	1	0	0	4	0
Postdoctoral men	1	0	0	2	0
Postdoctoral women	0	0	0	1	0
Full-time men not included above	1	1	0	10	1
Full-time women not included above	1	0	0	9	1
Total full-time men	9	2	2	56	2
Total full-time women	3	1	1	23	1

[1] The column "Other/Unknown" includes the federal categories Native American/Alaskan Native and Native Hawaiian/Other Pacific Islander.

Note: 0 means less than half of 1% and this may cause apparent column sum inconsistencies.

TABLE S.20 Percentage of gender and of racial/ethnic groups among all tenured, tenure-eligible, postdoctoral, and other full-time faculty in doctoral and masters statistics departments (combined) at universities in fall 2010. Comparable table in 2005 report is Table S.21 p.43.

All Statistics Departments	Asian	Black, not Hispanic	Mexican American/ Puerto Rican/ other Hispanic	White, not Hispanic	Other/ Unknown[1]
	%	%	%	%	%
Tenured Men	11	0	1	34	2
Tenured Women	2	0	0	6	1
Tenure-eligible men	5	1	0	6	1
Tenure-eligible women	5	0	0	3	0
Postdoctoral men	3	0	0	3	0
Postdoctoral women	0	0	0	1	0
Full-time men not included above	1	0	0	6	0
Full-time women not included above	1	0	0	5	1
Total full-time men	20	1	1	49	3
Total full-time women	8	0	1	15	2

[1] The column "Other/Unknown" includes the federal categories Native American/Alaskan Native and Native Hawaiian/Other Pacific Islander.

Note: 0 means less than half of 1%; round off causes apparent column sum inconsistencies.

TABLE S.21 Number of deaths and retirements of full-time faculty from mathematics departments and from doctoral statistics departments by type of school. Numbers reported prior to 2004-2005 for mathematics departments are of Tenured and Tenure-track faculty. (Data prior to 2004-2005 for statistics departments includes both masters and doctoral statistics departments.) Comparable table in 2005 report is Table S.22 p.44.

Four-Year College & University	1994-1995	1999-2000	2004-2005	2009-2010	Number of tenured/ tenure-eligible faculty 2010
Mathematics Departments					
Univ(PhD)	172	174	139	146	5615
Univ(MA)	132	165	140	91	3209
Coll(BA)	137	123	219	123	7540
Total deaths and retirements in all Mathematics Departments	441	462	499	360	16364
Doctoral Statistics Departments: Total deaths and retirements	33	16	14	15	789