



MASSACHUSETTS Department of Higher Education

Degrees Conferred at Massachusetts Institutions of Higher Education

Enhancing and Expanding the Commonwealth's Workforce



June 2009

DEGREES CONFERRED BY INSTITUTION AND LEVEL

In 2007-2008, Massachusetts institutions conferred 31,990 degrees (Table 1). Of these degrees, 3,362 were from all certificate programs, 8,343 were Associate degrees, 14,769 were Bachelor's degrees, 5,126 were Master's degrees, and 390 were Doctoral degrees.

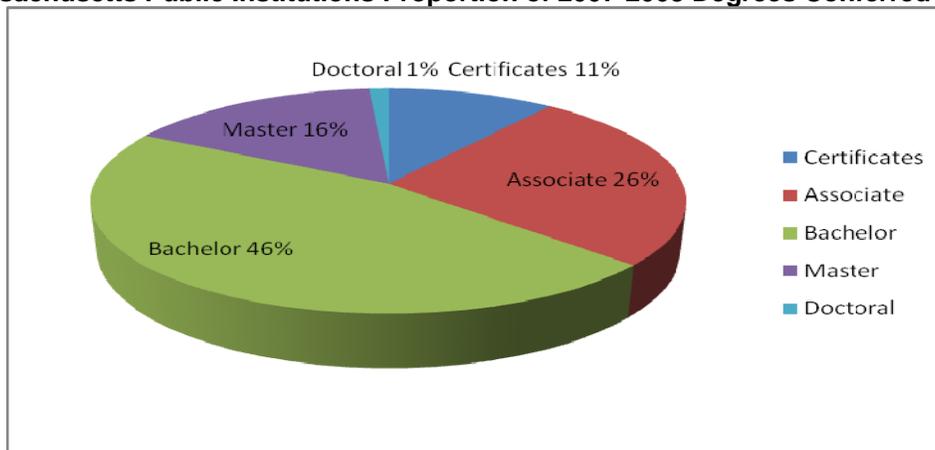
Table 1 – Massachusetts Public Institutions 2007-2008 Degrees Conferred by Level and Institution

		Certificate	Associate	Bachelor	Master	Doctoral	Total
State University	University of Massachusetts Amherst	40	73	4,431	1,215	291	6,050
	University of Massachusetts Boston	203		1,505	792	30	2,530
	University of Massachusetts Dartmouth	24		1,143	295	2	1,464
	University of Massachusetts Lowell	3	23	1,362	506	67	1,961
	State University	270	96	8,441	2,808	390	12,005
State College	Bridgewater State College	178		1,413	413		2,004
	Fitchburg State College	75		628	370		1,073
	Framingham State College	63		631	462		1,156
	Massachusetts College of Art	28		274	50		352
	Massachusetts College of Liberal Arts	28		299	37		364
	Massachusetts Maritime Academy	0		189	23		212
	Salem State College	62		1,213	649		1,924
	Westfield State College	32		919	131		1,082
	Worcester State College	131		762	183		1,076
	State College	597		6,328	2,318		9,243
Community College	Berkshire Community College	67	235				302
	Bristol Community College	273	728				1,001
	Bunker Hill Community College	193	621				814
	Cape Cod Community College	105	429				534
	Greenfield Community College	73	280				353
	Holyoke Community College	184	777				961
	Mass Bay Community College	215	442				657
	Massasoit Community College	159	722				881
	Middlesex Community College	142	831				973
	Mt. Wachusett Community College	196	446				642
	North Shore Community College	327	658				985
	Northern Essex Community College	237	606				843
	Quinsigamond Community College	175	600				775
	Roxbury Community College	10	170				180
	Springfield Technical Community College	139	702				841
Community College	2,495	8,247				10,742	
Total	3,362	8,343	14,769	5,126	390	31,990	

PROPORTION OF DEGREES CONFERRED BY LEVEL

Almost one-half of all degrees conferred by Massachusetts institutions in 2007-2008 were Bachelor's degrees and over one-quarter were Associate Degrees (Figure 1). Master's degrees accounted for 16 percent of all degrees conferred while Certificate Programs made up 11 percent and Doctoral degrees made up 1 percent.

Figure 1 – Massachusetts Public Institutions Proportion of 2007-2008 Degrees Conferred by Degree Level



DEGREES CONFERRED BY DISCIPLINE AREA AND LEVEL

Table 2 shows discipline categorizations according to the U.S. Department of Education's Classification of Instructional Programs (CIP) and the 2007-2008 degrees associated with these discipline areas. Degrees in Business accounted for 16.1% of all degrees, while degrees in Health Professions made up 14.8% of all degrees conferred. Other program areas in which one thousand or more degrees were conferred included Education, Liberal Arts and Sciences, Protective Services, Psychology, Social Sciences, and Visual and Performing Arts.

Table 2 – Massachusetts Public Institutions 2007-2008 Degrees Conferred by Discipline Area and Level

CIP and Discipline Description	Cert.	Assoc.	Bachelor	Master	Doct.	Total	% Total
52-Business, Management, Marketing, & Related Support Services	187	1,482	2,728	744	10	5,151	16.1%
51-Health Professions And Related Clinical Sciences	1,297	1,894	1,161	353	40	4,745	14.8%
13-Education	746	277	688	2,341	62	4,114	12.9%
24-Liberal Arts And Sciences, General Studies, And Humanities	6	2,280	409	0	0	2,695	8.4%
43-Security And Protective Services	238	663	806	118	0	1,825	5.7%
42-Psychology	22	39	1,330	130	25	1,546	4.8%
45-Social Sciences	49	2	1,286	65	20	1,422	4.4%
50-Visual And Performing Arts	64	225	914	104	0	1,307	4.1%
14-Engineering	0	60	552	277	68	957	3.0%
26-Biological And Biomedical Sciences	9	43	679	100	32	863	2.7%
11-Computer And Information Sciences And Support Services	101	254	316	152	23	846	2.6%
09-Communication, Journalism, And Related Programs	2	36	749	14	7	808	2.5%
23-English Language And Literature/Letters.	0	10	683	110	3	806	2.5%
15-Engineering Technologies/Technicians	179	335	51	28	0	593	1.9%
44-Public Administration And Social Service Professions	87	122	151	223	2	585	1.8%
54-History	0	11	448	61	1	521	1.6%
31-Parks, Recreation, Leisure And Fitness Studies	31	20	318	45	1	415	1.3%
01-Agriculture, Agriculture Operations, & Related Sciences	13	108	158	15	19	313	1.0%
40-Physical Sciences	1	6	185	66	43	301	0.9%
30-Multi/Interdisciplinary Studies	24	47	186	21	9	287	0.9%
19-Family And Consumer Sciences/Human Sciences	20	155	109	0	0	284	0.9%
22-Legal Professions And Studies	71	74	115	0	0	260	0.8%
16-Foreign Languages, Literatures, And Linguistics	15	17	154	63	9	258	0.8%
27-Mathematics And Statistics	0	3	144	44	8	199	0.6%
12-Personal And Culinary Services	146	49	0	0	0	195	0.6%
03-Natural Resources And Conservation	3	12	135	11	3	164	0.5%
04-Architecture And Related Services	0	0	81	33	1	115	0.4%
10-Communications Technologies/Technicians And Support Services	7	41	44	0	0	92	0.3%
49-Transportation And Materials Moving	0	2	83	0	0	85	0.3%
05-Area, Ethnic, Cultural, And Gender Studies	0	0	56	8	3	67	0.2%
47-Mechanic And Repair Technologies/Technicians	26	35	0	0	0	61	0.2%
41-Science Technologies/Technicians	17	40	0	0	0	57	0.2%
38-Philosophy And Religious Studies	0	0	50	0	1	51	0.2%
46-Construction Trades	1	1	0	0	0	2	0.0%
Total of All CIP	3,362	8,343	14,769	5,126	390	31,990	100.0%

TRENDS IN DEGREES AND CERTIFICATES CONFERRED BY DISCIPLINE AREA

Tables 3 - 7 show the number of degrees and certificates conferred by Massachusetts public institutions by CIP sub-area, a more specific categorization than the CIP area shown in Table 2. The specific degree programs shown represent programs in which three percent or more of the total degrees for that level and year are conferred. Awards are displayed from the most recent year as well as five and ten years prior.

Table 3 – Certificates Conferred by Discipline Sub-Area and Year

Year	CIP Sub-Area and Description	Certificates	Percent of All Certificates
2008	5116-Nursing	396	11.8%
	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	249	7.4%
	5108-Allied Health And Medical Assisting Services	213	6.3%
	4301-Criminal Justice And Corrections	208	6.2%
	1304-Educational Administration And Supervision	178	5.3%
	1313-Teacher Education & Professional Development, Specific Subject Areas	141	4.2%
	5107-Health And Medical Administrative Services	140	4.2%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	108	3.2%
	1301-Education, General	104	3.1%
2003	1312-Teacher Education & Professional Development, Specific Levels & Methods	208	8.0%
	5116-Nursing	198	7.6%
	5108-Allied Health And Medical Assisting Services	147	5.6%
	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	140	5.4%
	5115-Mental And Social Health Services And Allied Professions	117	4.5%
	1313-Teacher Education & Professional Development, Specific Subject Areas	115	4.4%
	5107-Health And Medical Administrative Services	105	4.0%
	1304-Educational Administration And Supervision	99	3.8%
	1310-Special Education And Teaching	78	3.0%
1998	5116-Nursing	202	8.7%
	2401-Liberal Arts And Sciences, General Studies, And Humanities	194	8.3%
	5204-Business Operations Support And Assistant Services	154	6.6%
	5107-Health And Medical Administrative Services	120	5.1%
	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	115	4.9%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	112	4.8%
	5108-Allied Health And Medical Assisting Services	96	4.1%
	1513-Drafting/Design Engineering Technologies/Technicians	68	2.9%

TRENDS IN DEGREES AND CERTIFICATES CONFERRED BY DISCIPLINE AREA

Table 4 – Associates Conferred by Discipline Sub-Area and Year

Year	CIP Sub-Area and Description	Associates	Percent of All Associates
2008	2401-Liberal Arts And Sciences, General Studies, And Humanities	2,280	27.3%
	5116-Nursing	1,100	13.2%
	5202-Business Administration, Management And Operations	827	9.9%
	4301-Criminal Justice And Corrections	557	6.7%
	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	343	4.1%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	265	3.2%
2003	2401-Liberal Arts And Sciences, General Studies, And Humanities	1,947	26.8%
	5116-Nursing	712	9.8%
	5202-Business Administration, Management And Operations	669	9.2%
	4301-Criminal Justice And Corrections	456	6.3%
	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	223	3.1%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	215	3.0%
1998	2401-Liberal Arts And Sciences, General Studies, And Humanities	1,942	27.4%
	5116-Nursing	805	11.3%
	5202-Business Administration, Management And Operations	569	8.0%
	4301-Criminal Justice And Corrections	499	7.0%
	5108-Allied Health And Medical Assisting Services	298	4.2%
	5201-Business/Commerce, General	225	3.2%
	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	217	3.1%

TRENDS IN DEGREES AND CERTIFICATES CONFERRED BY DISCIPLINE AREA (cont.)

Table 5 – Bachelor’s Degrees Conferred by Discipline Sub-Area and Year

Year	CIP Sub-Area and Description	Bachelor’s	Percent of All Bachelor’s
2008	4201-Psychology, General	1,315	8.9%
	5202-Business Administration, Management And Operations	1,211	8.2%
	5116-Nursing	830	5.6%
	4301-Criminal Justice And Corrections	783	5.3%
	2301-English Language And Literature, General	638	4.3%
	0901-Communication And Media Studies	598	4.0%
	4511-Sociology	470	3.2%
	2601-Biology, General	464	3.1%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	457	3.1%
5401-History	448	3.0%	
2003	4201-Psychology, General	1,174	8.9%
	5202-Business Administration, Management And Operations	874	6.6%
	2301-English Language And Literature, General	637	4.8%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	563	4.3%
	5116-Nursing	540	4.1%
	4511-Sociology	498	3.8%
	4301-Criminal Justice And Corrections	491	3.7%
	2601-Biology, General	381	2.9%
1998	4201-Psychology, General	1,092	8.6%
	5202-Business Administration, Management And Operations	803	6.4%
	5116-Nursing	743	5.9%
	2301-English Language And Literature, General	588	4.7%
	4511-Sociology	465	3.7%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	419	3.3%
	4301-Criminal Justice And Corrections	417	3.3%
	2601-Biology, General	412	3.3%

TRENDS IN DEGREES AND CERTIFICATES CONFERRED BY DISCIPLINE AREA (cont.)

Table 6 – Master’s Degrees Conferred by Discipline Sub-Area and Year

Year	CIP Sub-Area and Description	Master’s	Percent of All Master’s
2008	1312-Teacher Education & Professional Development, Specific Levels & Methods	647	12.6%
	5202-Business Administration, Management And Operations	572	11.2%
	1301-Education, General	392	7.6%
	1310-Special Education And Teaching	344	6.7%
	1313-Teacher Education & Professional Development, Specific Subject Areas	313	6.1%
	1399-Education, Other	243	4.7%
2003	1312-Teacher Education & Professional Development, Specific Levels & Methods	472	10.8%
	1301-Education, General	389	8.9%
	5202-Business Administration, Management And Operations	385	8.8%
	1313-Teacher Education & Professional Development, Specific Subject Areas	367	8.4%
	1310-Special Education And Teaching	302	6.9%
	1399-Education, Other	240	5.5%
	1107-Computer Science	154	3.5%
1998	5202-Business Administration, Management And Operations	366	9.9%
	1312-Teacher Education & Professional Development, Specific Levels & Methods	324	8.7%
	1301-Education, General	245	6.6%
	1310-Special Education And Teaching	208	5.6%
	1399-Education, Other	152	4.1%
	5116-Nursing	148	4.0%
	1311-Student Counseling And Personnel Services	144	3.9%
	1107-Computer Science	118	3.2%

TRENDS IN DEGREES AND CERTIFICATES CONFERRED BY DISCIPLINE AREA (cont.)

Table 7 – Doctor’s Degrees Conferred by Discipline Sub-Area and Year

Year	CIP Sub-Area and Description	Doctor’s	Percent of All Doctor’s
2008	1301-Education, General	50	12.8%
	1107-Computer Science	23	5.9%
	4005-Chemistry	23	5.9%
	1409-Computer Engineering, General	19	4.9%
	1431-Materials Science	19	4.9%
	5123-Rehabilitation And Therapeutic Professions	19	4.9%
	2604-Cell/Cellular Biology And Anatomical Sciences	17	4.4%
	4008-Physics	16	4.1%
	4201-Psychology, General	12	3.1%
2003	1301-Education, General	47	14.6%
	4005-Chemistry	25	7.8%
	5122-Public Health	16	5.0%
	5123-Rehabilitation And Therapeutic Professions	16	5.0%
	4202-Clinical Psychology	14	4.3%
	1431-Materials Science	11	3.4%
	4201-Psychology, General	11	3.4%
	1304-Educational Administration And Supervision	10	3.1%
	1409-Computer Engineering, General	10	3.1%
1998	1301-Education, General	47	12.8%
	4005-Chemistry	26	7.1%
	1431-Materials Science	20	5.5%
	1107-Computer Science	16	4.4%
	1407-Chemical Engineering	14	3.8%
	1409-Computer Engineering, General	14	3.8%
	2301-English Language And Literature, General	13	3.6%
	4008-Physics	13	3.6%
	4201-Psychology, General	12	3.3%
	4206-Counseling Psychology	12	3.3%

DEGREES CONFERRED BY GENDER

Table 8 shows the number and proportion of degrees conferred by gender. Women earned 61 percent of all degrees conferred in the Massachusetts public system in 2008. The proportion of degrees conferred to women remained steady from 2003 through 2008 with variances shown at the distinct degree levels.

Table 8 – Trends in Degrees Conferred by Gender and Degree Level 2003 – 2008

Degree Level	Gender	2003		2004		2005		2006		2007		2008	
		#	%	#	%	#	%	#	%	#	%	#	%
Certificate	Male	704	26.9%	756	25.9%	791	26.2%	846	26.1%	837	26.3%	954	28.4%
	Female	1,909	73.1%	2,164	74.1%	2,225	73.8%	2,391	73.9%	2,341	73.7%	2,407	71.6%
	Total	2,613		2,920		3,016		3,237		3,178		3,361	
Associate	Male	2,780	38.3%	2,845	36.7%	2,963	36.7%	2,991	36.8%	3,027	37.6%	3,085	37.0%
	Female	4,471	61.7%	4,917	63.3%	5,121	63.3%	5,129	63.2%	5,031	62.4%	5,256	63.0%
	Total	7,251		7,762		8,084		8,120		8,058		8,341	
Bachelor	Male	5,519	41.8%	5,642	42.5%	5,766	41.9%	6,029	43.1%	6,235	43.3%	6,492	44.0%
	Female	7,669	58.2%	7,646	57.5%	7,984	58.1%	7,945	56.9%	8,163	56.7%	8,277	56.0%
	Total	13,188		13,288		13,750		13,974		14,398		14,769	
Master	Male	1,458	33.4%	1,590	34.4%	1,606	34.6%	1,580	33.8%	1,678	35.7%	1,847	36.0%
	Female	2,906	66.6%	3,034	65.6%	3,029	65.4%	3,092	66.2%	3,026	64.3%	3,279	64.0%
	Total	4,364		4,624		4,635		4,672		4,704		5,126	
Doctoral	Male	143	44.4%	187	45.9%	184	47.3%	199	53.6%	216	48.8%	212	54.4%
	Female	179	55.6%	220	54.1%	205	52.7%	172	46.4%	227	51.2%	178	45.6%
	Total	322		407		389		371		443		390	
All Degrees	Male	10,604	38.2%	11,020	38.0%	11,310	37.9%	11,645	38.3%	11,993	39.0%	12,590	39.4%
	Female	17,134	61.8%	17,981	62.0%	18,564	62.1%	18,729	61.7%	18,788	61.0%	19,397	60.6%
	Total	27,738		29,001		29,874		30,374		30,781		31,987	

Note: "Unknown" gender is not included in the total percent calculation therefore the grand total will not match that of Table 1

DEGREES CONFERRED BY RACE/ETHNICITY

Table 9 shows the number and proportion of degrees conferred by race. Minority students earned 17.1% of all degrees conferred in 2008. Compared to 2003, the proportion of degrees awarded to minority students increased from 15.1% to 17.1%.

Table 9 – Trends in Degrees Conferred by Race and Degree Level 2003 – 2008

Degree Level	Race	2003		2004		2005		2006		2007		2008	
		#	%	#	%	#	%	#	%	#	%	#	%
Cert.	Minority	448	19.0%	533	20.3%	537	19.6%	612	21.1%	634	21.2%	650	20.5%
	Non-Minority	1,913	81.0%	2,094	79.7%	2,197	80.4%	2,287	78.9%	2,358	78.8%	2,520	79.5%
	Total	2,361		2,627		2,734		2,899		2,992		3,170	
Assoc.	Minority	1,198	17.8%	1,458	20.1%	1,494	19.7%	1,483	19.3%	1,601	20.8%	1,655	20.9%
	Non-Minority	5,551	82.2%	5,782	79.9%	6,093	80.3%	6,191	80.7%	6,104	79.2%	6,275	79.1%
	Total	6,749		7,240		7,587		7,674		7,705		7,930	
Bach.	Minority	1,565	13.8%	1,616	14.2%	1,739	14.5%	1,881	15.3%	2,049	15.3%	2,118	15.3%
	Non-Minority	9,756	86.2%	9,762	85.8%	10,260	85.5%	10,399	84.7%	11,342	84.7%	11,681	84.7%
	Total	11,321		11,378		11,999		12,280		13,391		13,799	
Master	Minority	333	10.6%	384	11.4%	446	12.3%	482	13.2%	487	12.5%	562	13.4%
	Non-Minority	2,804	89.4%	2,973	88.6%	3,171	87.7%	3,163	86.8%	3,408	87.5%	3,622	86.6%
	Total	3,137		3,357		3,617		3,645		3,895		4,184	
Doct.	Minority	31	16.7%	53	20.4%	45	19.1%	34	15.4%	48	17.3%	42	18.3%
	Non-Minority	155	83.3%	207	79.6%	190	80.9%	187	84.6%	230	82.7%	187	81.7%
	Total	186		260		235		221		278		229	
All Degrees	Minority	3,575	15.1%	4,044	16.3%	4,261	16.3%	4,492	16.8%	4,819	17.1%	5,027	17.1%
	Non-Minority	20,179	84.9%	20,818	83.7%	21,911	83.7%	22,227	83.2%	23,442	82.9%	24,285	82.9%
	Total	23,754		24,862		26,172		26,719		28,261		29,312	

Note: "Non-Resident" and "Unknown" race are not included in the total percent calculation therefore the grand total will not match that of Table 1

STEM DEGREES CONFERRED BY INSTITUTION AND DISCIPLINE AREA

Table 10 shows degrees conferred in the STEM (Science, Technology, Engineering and Mathematics) fields, as well as health professions categorized according to the U.S. Department of Education's Classification of Instructional Programs (CIP) for all Massachusetts public institutions from 2003 to 2008. All degrees including certificate programs are listed.

Table 10 – STEM Degrees Conferred by Discipline Sub-Area and Year

Degrees Conferred	CIP Sub-Area and Description	2003	2004	2005	2006	2007	2008
University of Massachusetts Amherst	11-Computer & Information Sciences & Support Services	126	136	149	132	141	122
	14-Engineering	362	355	354	339	350	403
	15-Engineering Technologies/Technicians	10	3	4	1	4	1
	26-Biological And Biomedical Sciences	275	350	371	374	349	383
	27-Mathematics And Statistics	57	55	72	87	89	68
	40-Physical Sciences	110	122	133	123	128	110
	51-Health Professions And Related Clinical Sciences	241	297	295	283	368	397
	Total	1,181	1,318	1,378	1,339	1,429	1,484
University of Massachusetts Boston	11-Computer & Information Sciences & Support Services	84	92	96	45	32	43
	14-Engineering	1	0	1	0	0	1
	26-Biological And Biomedical Sciences	86	88	105	107	93	107
	27-Mathematics And Statistics	8	5	6	10	4	6
	40-Physical Sciences	48	51	50	46	40	46
	51-Health Professions And Related Clinical Sciences	191	143	152	184	215	236
	Total	418	379	410	392	384	439
University of Massachusetts Dartmouth	11-Computer & Information Sciences & Support Services	65	71	49	60	43	56
	14-Engineering	119	121	119	114	104	114
	15-Engineering Technologies/Technicians	1	1	2	0	0	1
	26-Biological And Biomedical Sciences	47	44	40	52	47	57
	27-Mathematics And Statistics	16	12	13	6	7	12
	40-Physical Sciences	27	20	22	19	26	23
	51-Health Professions And Related Clinical Sciences	92	116	107	130	130	165
	Total	367	385	352	381	357	428
University of Massachusetts Lowell	11-Computer & Information Sciences & Support Services	198	238	241	213	171	161
	14-Engineering	306	352	285	282	306	294
	15-Engineering Technologies/Technicians	55	56	53	44	53	37
	26-Biological And Biomedical Sciences	39	42	52	57	67	80
	27-Mathematics And Statistics	18	22	28	29	31	31
	40-Physical Sciences	55	45	55	65	47	50
	41-Science Technologies/Technicians	2	0	0	0	0	0
	51-Health Professions And Related Clinical Sciences	194	201	184	176	211	208
	Total	867	956	898	866	886	861
University of Massachusetts Total	11-Computer & Information Sciences & Support Services	473	537	535	450	387	382
	14-Engineering	788	828	759	735	760	812
	15-Engineering Technologies/Technicians	66	60	59	45	57	39
	26-Biological And Biomedical Sciences	447	524	568	590	556	627
	27-Mathematics And Statistics	99	94	119	132	131	117
	40-Physical Sciences	240	238	260	253	241	229
	41-Science Technologies/Technicians	2	0	0	0	0	0
	51-Health Professions And Related Clinical Sciences	718	757	738	773	924	1,006
	Total	2,833	3,038	3,038	2,978	3,056	3,212

Table 10 – STEM Degrees Conferred by Discipline Sub-Area and Year (cont.)

Degrees Conferred	CIP Sub-Area and Description	2003	2004	2005	2006	2007	2008
Bridgewater State College	11-Computer & Information Sciences & Support Services	56	49	33	33	12	18
	26-Biological And Biomedical Sciences	38	36	35	40	35	47
	27-Mathematics And Statistics	15	24	30	24	25	27
	40-Physical Sciences	21	19	27	20	26	12
	41-Science Technologies/Technicians	5	3	2	0	2	0
	51-Health Professions And Related Clinical Sciences	55	50	62	84	58	81
	Total	190	181	189	201	158	185
Fitchburg State College	11-Computer & Information Sciences & Support Services	39	48	39	38	44	50
	15-Engineering Technologies/Technicians	14	24	17	19	27	27
	26-Biological And Biomedical Sciences	12	13	8	9	22	27
	27-Mathematics And Statistics	3	3	2	5	2	6
	51-Health Professions And Related Clinical Sciences	47	61	53	57	45	47
	Total	115	149	119	128	140	157
Framingham State College	11-Computer & Information Sciences & Support Services	29	36	29	22	19	14
	26-Biological And Biomedical Sciences	20	23	21	25	28	20
	27-Mathematics And Statistics	10	9	14	7	19	6
	40-Physical Sciences	8	3	6	5	7	6
	51-Health Professions And Related Clinical Sciences	34	33	37	24	41	24
	Total	101	104	107	83	114	70
Massachusetts College of Liberal Arts	11-Computer & Information Sciences & Support Services	6	7	10	6	6	3
	26-Biological And Biomedical Sciences	12	16	18	8	15	10
	27-Mathematics And Statistics	2	8	6	8	3	1
	40-Physical Sciences	4	2	1	2	0	1
	Total	24	33	35	24	24	15
Massachusetts Maritime Academy	14-Engineering	95	80	91	85	92	85
	15-Engineering Technologies/Technicians	0	0	21	18	19	23
	Total	95	80	112	103	111	108
Salem State College	11-Computer & Information Sciences & Support Services	11	16	21	15	11	8
	26-Biological And Biomedical Sciences	22	22	22	23	33	25
	27-Mathematics And Statistics	7	7	14	9	21	21
	40-Physical Sciences	10	18	7	10	13	14
	51-Health Professions And Related Clinical Sciences	105	79	84	115	159	219
	Total	155	142	148	172	237	287
Westfield State College	11-Computer & Information Sciences & Support Services	28	36	40	19	20	16
	26-Biological And Biomedical Sciences	22	19	25	15	18	15
	27-Mathematics And Statistics	11	7	18	17	13	11
	40-Physical Sciences	6	4	4	5	3	6
	Total	67	66	87	56	54	48
Worcester State College	11-Computer & Information Sciences & Support Services	44	24	24	22	20	12
	26-Biological And Biomedical Sciences	44	34	40	48	57	45
	27-Mathematics And Statistics	10	12	8	10	9	7
	40-Physical Sciences	20	26	34	30	32	27
	51-Health Professions And Related Clinical Sciences	186	180	162	181	168	199
	Total	304	276	268	291	286	290
State College Total	11-Computer & Information Sciences & Support Services	213	216	196	155	132	121
	14-Engineering	95	80	91	85	92	85
	15-Engineering Technologies/Technicians	14	24	38	37	46	50
	26-Biological And Biomedical Sciences	170	163	169	168	208	189
	27-Mathematics And Statistics	58	70	92	80	92	79
	40-Physical Sciences	69	72	79	72	81	66
	41-Science Technologies/Technicians	5	3	2	0	2	0
	51-Health Professions And Related Clinical Sciences	427	403	398	461	471	570
	Total	1,051	1,031	1,065	1,058	1,124	1,160

Table 10 – STEM Degrees Conferred by Discipline Sub-Area and Year (cont.)

Degrees Conferred	CIP Sub-Area and Description	2003	2004	2005	2006	2007	2008
Berkshire Community College	11-Computer & Information Sciences & Support Services	12	10	8	3	4	8
	14-Engineering	6	9	6	7	6	6
	15-Engineering Technologies/Technicians	19	1	4	3	6	5
	51-Health Professions And Related Clinical Sciences	65	93	92	102	96	91
	Total	102	113	110	115	112	110
Bristol Community College	11-Computer & Information Sciences & Support Services	50	47	36	55	30	29
	14-Engineering	8	9	9	16	14	11
	15-Engineering Technologies/Technicians	39	49	61	84	71	70
	51-Health Professions And Related Clinical Sciences	133	159	172	170	145	152
	Total	230	264	278	325	260	262
Bunker Hill Community College	11-Computer & Information Sciences & Support Services	99	70	55	40	38	31
	15-Engineering Technologies/Technicians	0	0	0	0	0	3
	26-Biological And Biomedical Sciences	12	13	13	12	24	19
	27-Mathematics And Statistics	5	3	1	4	1	3
	40-Physical Sciences	13	21	4	7	12	4
	51-Health Professions And Related Clinical Sciences	172	204	222	251	303	281
Total	301	311	295	314	378	341	
Cape Cod Community College	11-Computer & Information Sciences & Support Services	23	20	19	4	6	12
	15-Engineering Technologies/Technicians	15	10	12	8	13	21
	51-Health Professions And Related Clinical Sciences	91	154	137	166	152	191
	Total	129	184	168	178	171	224
Greenfield Community College	11-Computer & Information Sciences & Support Services	16	12	14	6	11	8
	14-Engineering	1	3	3	4	1	7
	15-Engineering Technologies/Technicians	0	2	2	1	0	0
	51-Health Professions And Related Clinical Sciences	91	96	96	100	80	82
	Total	108	113	115	111	92	97
Holyoke Community College	11-Computer & Information Sciences & Support Services	35	22	27	12	16	24
	14-Engineering	6	3	11	13	6	12
	15-Engineering Technologies/Technicians	11	15	14	7	3	0
	51-Health Professions And Related Clinical Sciences	144	163	211	168	173	173
	Total	196	203	263	200	198	209
Mass Bay Community College	11-Computer & Information Sciences & Support Services	29	26	23	13	16	16
	15-Engineering Technologies/Technicians	38	74	82	61	73	44
	26-Biological And Biomedical Sciences	2	5	5	3	4	5
	41-Science Technologies/Technicians	2	8	5	7	5	6
	51-Health Professions And Related Clinical Sciences	246	267	357	328	316	346
	Total	317	380	472	412	414	417
Massasoit Community College	11-Computer & Information Sciences & Support Services	38	39	27	12	15	14
	15-Engineering Technologies/Technicians	57	55	36	44	37	50
	51-Health Professions And Related Clinical Sciences	133	174	217	288	248	287
	Total	228	268	280	344	300	351
Middlesex Community College	11-Computer & Information Sciences & Support Services	43	48	33	14	13	18
	15-Engineering Technologies/Technicians	75	74	56	45	48	70
	26-Biological And Biomedical Sciences	0	2	3	1	1	0
	40-Physical Sciences	1	1	1	0	1	0
	41-Science Technologies/Technicians	11	30	29	28	42	45
	51-Health Professions And Related Clinical Sciences	148	202	169	204	196	209
	Total	278	357	291	292	301	342

Table 10 – STEM Degrees Conferred by Discipline Sub-Area and Year (cont)

Degrees Conferred	CIP Sub-Area and Description	2003	2004	2005	2006	2007	2008
Mt. Wachusett Community College	11-Computer & Information Sciences & Support Services	76	70	63	60	48	45
	15-Engineering Technologies/Technicians	7	3	5	6	6	2
	51-Health Professions And Related Clinical Sciences	113	166	178	216	228	247
	Total	196	239	246	282	282	294
North Shore Community College	11-Computer & Information Sciences & Support Services	19	17	9	9	14	14
	14-Engineering	5	8	12	3	5	5
	15-Engineering Technologies/Technicians	27	22	19	27	25	44
	41-Science Technologies/Technicians	2	3	5	0	3	6
	51-Health Professions And Related Clinical Sciences	227	225	255	279	287	289
Total	280	275	300	318	334	358	
Northern Essex Community College	11-Computer & Information Sciences & Support Services	88	111	85	96	28	43
	15-Engineering Technologies/Technicians	91	96	54	33	17	22
	51-Health Professions And Related Clinical Sciences	188	186	248	248	247	259
	Total	367	393	387	377	292	324
Quinsigamond Community College	11-Computer & Information Sciences & Support Services	73	50	56	51	28	33
	15-Engineering Technologies/Technicians	78	79	60	69	65	84
	51-Health Professions And Related Clinical Sciences	169	193	233	242	246	259
	Total	320	322	349	362	339	376
Roxbury Community College	11-Computer & Information Sciences & Support Services	27	20	11	3	1	6
	14-Engineering	3	7	3	0	3	1
	15-Engineering Technologies/Technicians	2	0	0	0	0	0
	26-Biological And Biomedical Sciences	9	14	11	10	18	15
	27-Mathematics And Statistics	0	1	7	0	0	0
	40-Physical Sciences	1	0	1	0	1	1
	51-Health Professions And Related Clinical Sciences	28	58	67	70	65	42
Total	70	100	100	83	88	65	
Springfield Technical Community College	11-Computer & Information Sciences & Support Services	78	82	45	42	42	42
	14-Engineering	14	21	19	11	17	18
	15-Engineering Technologies/Technicians	139	121	127	123	110	89
	26-Biological And Biomedical Sciences	5	4	7	5	3	8
	27-Mathematics And Statistics	0	1	0	1	0	0
	40-Physical Sciences	0	1	1	1	1	1
	51-Health Professions And Related Clinical Sciences	172	191	267	253	258	261
Total	408	421	466	436	431	419	
Community College Total	11-Computer & Information Sciences & Support Services	706	644	511	420	310	343
	14-Engineering	43	60	63	54	52	60
	15-Engineering Technologies/Technicians	598	601	532	511	474	504
	26-Biological And Biomedical Sciences	28	38	39	31	50	47
	27-Mathematics And Statistics	5	5	8	5	1	3
	40-Physical Sciences	15	23	7	8	15	6
	41-Science Technologies/Technicians	15	41	39	35	50	57
	51-Health Professions And Related Clinical Sciences	2,120	2,531	2,921	3,085	3,040	3,169
Total	3,530	3,943	4,120	4,149	3,992	4,189	