



MASSACHUSETTS
Department of
Higher Education

**Degrees Conferred at Massachusetts Institutions
of Higher Education**

Enhancing and Expanding the Commonwealth's Workforce

June 2008

DEGREES CONFERRED BY INSTITUTION AND LEVEL

In 2006-2007, Massachusetts institutions conferred 30,784 degrees (Table 1). Of these degrees, 3,180 were from all certificate programs, 8,059 were Associate degrees, 14,398 were Bachelor’s degrees, 4,704 were Master’s degrees, and 443 were Doctoral degrees.

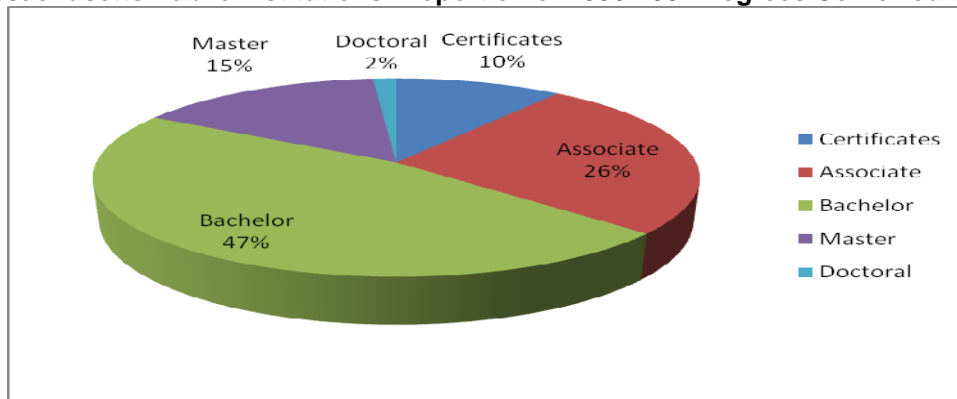
Table 1 – Massachusetts Public Institutions 2006-2007 Degrees Conferred by Level and Institution

		Certificate	Associate	Bachelor	Master	Doctoral	Total
State University	University of Massachusetts Amherst	31	83	4,235	1,155	293	5,797
	University of Massachusetts Boston	200		1,418	641	36	2,295
	University of Massachusetts Dartmouth	34		1,157	245	2	1,438
	University of Massachusetts Lowell	3	34	1,381	462	112	1,992
	State University	268	117	8,191	2,503	443	11,522
State College	Bridgewater State College	204		1,343	364		1,911
	Fitchburg State College	61		622	475		1,158
	Framingham State College	66		714	453		1,233
	Massachusetts College of Art	38		277	38		353
	Massachusetts College of Liberal Arts	1		303	27		331
	Massachusetts Maritime Academy	0		198	19		217
	Salem State College	61		1,059	528		1,648
	Westfield State College	9		933	153		1,095
	Worcester State College	175		758	144		1,077
	State College	615		6,207	2,201		9,023
Community College	Berkshire Community College	55	245				300
	Bristol Community College	168	735				903
	Bunker Hill Community College	164	652				816
	Cape Cod Community College	104	327				431
	Greenfield Community College	68	268				336
	Holyoke Community College	199	702				901
	Mass Bay Community College	257	414				671
	Massasoit Community College	141	640				781
	Middlesex Community College	130	832				962
	Mt. Wachusett Community College	238	475				713
	North Shore Community College	305	636				941
	Northern Essex Community College	183	565				748
	Quinsigamond Community College	139	575				714
	Roxbury Community College	22	172				194
	Springfield Technical Community College	124	704				828
Community College	2,297	7,942				10,239	
Total		3,180	8,059	14,398	4,704	443	30,784

PROPORTION OF DEGREES CONFERRED BY LEVEL

Almost one-half (47%) of all degrees conferred by Massachusetts institutions in 2006-2007 were Bachelor’s degrees and over one-quarter (26%) were Associate Degrees (Figure 1). Master’s degrees accounted for 15 percent of all degrees conferred while Certificate Programs made up 10 percent and Doctoral degrees made up 2 percent of degrees conferred.

Figure 1 – Massachusetts Public Institutions Proportion of 2006-2007 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 2006-2007 degrees associated with these discipline areas. Degrees in Business accounted for 16.4% of all degrees, while degrees in Health Professions made up 14.3% 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 2006-2007 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	203	1,463	2,733	645	11	5,055	16.4%
51-Health Professions And Related Clinical Sciences	1,281	1,788	955	324	62	4,410	14.3%
13-Education	758	293	776	2,191	64	4,082	13.3%
24-Liberal Arts And Sciences, General Studies, And Humanities	10	2,123	399	0	0	2,532	8.2%
43-Security And Protective Services	150	689	692	89	0	1,620	5.3%
42-Psychology	30	37	1,229	125	28	1,449	4.7%
45-Social Sciences	47	10	1,294	67	21	1,439	4.7%
50-Visual And Performing Arts	59	198	976	86	0	1,319	4.3%
14-Engineering	0	52	552	239	61	904	2.9%
11-Computer & Information Sciences & Support Services	79	255	337	131	30	832	2.7%
26-Biological And Biomedical Sciences	7	50	643	83	31	814	2.6%
23-English Language And Literature/Letters.	0	10	671	107	12	800	2.6%
09-Communication, Journalism, And Related Programs	2	37	710	16	5	770	2.5%
44-Public Administration And Social Service Professions	81	130	158	212	3	584	1.9%
15-Engineering Technologies/Technicians	133	353	60	31	0	577	1.9%
54-History	0	4	411	46	2	463	1.5%
01-Agriculture, Agriculture Operations, & Related Sciences	4	118	172	21	13	328	1.1%
40-Physical Sciences	0	15	183	68	52	318	1.0%
31-Parks, Recreation, Leisure And Fitness Studies	19	11	248	32	0	310	1.0%
16-Foreign Languages, Literatures, And Linguistics	17	11	194	53	19	294	1.0%
22-Legal Professions And Studies	99	71	104	0	0	274	0.9%
30-Multi/Interdisciplinary Studies	13	37	175	36	10	271	0.9%
19-Family And Consumer Sciences/Human Sciences	21	121	98	2	0	242	0.8%
27-Mathematics And Statistics	0	1	178	42	3	224	0.7%
03-Natural Resources And Conservation	7	11	148	18	7	191	0.6%
12-Personal And Culinary Services	114	41	0	0	0	155	0.5%
10-Communications Technologies/Technicians & Support Services	2	44	69	0	0	115	0.4%
49-Transportation And Materials Moving	0	4	74	0	0	78	0.3%
47-Mechanic And Repair Technologies/Technicians	29	46	0	0	0	75	0.2%
04-Architecture And Related Services	0	0	51	22	0	73	0.2%
38-Philosophy And Religious Studies	0	0	67	2	2	71	0.2%
05-Area, Ethnic, Cultural, And Gender Studies	0	0	39	16	7	62	0.2%
41-Science Technologies/Technicians	15	35	2	0	0	52	0.2%
46-Construction Trades	0	1	0	0	0	1	0.0%
Total of All CIP	3,180	8,059	14,398	4,704	443	30,784	100%

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	Degrees	CIP Sub-Area and Description	% Total
2007	378	5116-Nursing	11.9%
	215	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	6.8%
	211	5108-Allied Health And Medical Assisting Services	6.6%
	174	1313-Teacher Education & Professional Development, Specific Subject Areas	5.5%
	163	1304-Educational Administration And Supervision	5.1%
	148	5107-Health And Medical Administrative Services	4.7%
	146	1312-Teacher Education & Professional Development, Specific Levels & Methods	4.6%
	124	4301-Criminal Justice And Corrections	3.9%
	98	2203-Legal Support Services	3.1%
	3,180	<i>Total</i>	100%
2002	148	5116-Nursing	6.2%
	143	1312-Teacher Education & Professional Development, Specific Levels & Methods	6.0%
	139	5108-Allied Health And Medical Assisting Services	5.8%
	127	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	5.3%
	124	1204-Cosmetology And Related Personal Grooming Services	5.2%
	108	5212-Management Information Systems And Services	4.5%
	90	5115-Mental And Social Health Services And Allied Professions	3.8%
	82	5204-Business Operations Support And Assistant Services	3.4%
	76	1504-Electromechanical Instrumentation & Maintenance Technologies/Technicians	3.2%
	76	2401-Liberal Arts And Sciences, General Studies, And Humanities	3.2%
	74	4801-Drafting	3.1%
	71	1199-Computer & Information Sciences And Support Services, Other.	3.0%
2,387	<i>Total</i>	100%	
1997	214	5116-Nursing	10.1%
	154	5204-Business Operations Support And Assistant Services	7.3%
	113	5108-Allied Health And Medical Assisting Services	5.3%
	94	1312-Teacher Education & Professional Development, Specific Levels & Methods	4.4%
	74	1313-Teacher Education & Professional Development, Specific Subject Areas	3.5%
	72	3011-Gerontology.	3.4%
	68	5107-Health And Medical Administrative Services	3.2%
	67	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	3.2%
	65	2201-Law (LI.B, J.D.)	3.1%
2,117	<i>Total</i>	100%	

TRENDS IN DEGREES AND CERTIFICATES CONFERRED BY DISCIPLINE AREA

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

Year	Degrees	CIP Sub-Area and Description	% Total
2007	2,123	2401-Liberal Arts And Sciences, General Studies, And Humanities	26.3%
	1,052	5116-Nursing	13.1%
	781	5202-Business Administration, Management And Operations	9.7%
	586	4301-Criminal Justice And Corrections	7.3%
	334	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	4.1%
	261	1312-Teacher Education & Professional Development, Specific Levels & Methods	3.2%
	250	5201-Business/Commerce, General	3.1%
	<i>8,059</i>	<i>Total</i>	<i>100%</i>
2002	1,998	2401-Liberal Arts And Sciences, General Studies, And Humanities	28.3%
	695	5116-Nursing	9.9%
	642	5202-Business Administration, Management And Operations	9.1%
	454	4301-Criminal Justice And Corrections	6.4%
	225	1312-Teacher Education & Professional Development, Specific Levels & Methods	3.2%
	222	1503-Electrical Engineering Technologies/Technicians	3.1%
	214	5201-Business/Commerce, General	3.0%
	<i>7,049</i>	<i>Total</i>	<i>100%</i>
1997	1,704	2401-Liberal Arts And Sciences, General Studies, And Humanities	23.6%
	867	5116-Nursing	12.0%
	642	5202-Business Administration, Management And Operations	8.9%
	526	4301-Criminal Justice And Corrections	7.3%
	388	5108-Allied Health And Medical Assisting Services	5.4%
	254	5204-Business Operations Support And Assistant Services	3.5%
	244	5201-Business/Commerce, General	3.4%
	241	5109-Allied Health Diagnostic, Intervention, & Treatment Professions	3.3%
<i>7,208</i>	<i>Total</i>	<i>100%</i>	

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

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

Year	Degrees	CIP Sub-Area and Description	% Total
2007	1,270	5202-Business Administration, Management And Operations	8.8%
	1,208	4201-Psychology, General	8.4%
	721	5116-Nursing	5.0%
	683	4301-Criminal Justice And Corrections	4.7%
	634	2301-English Language And Literature, General	4.4%
	552	0901-Communication And Media Studies	3.8%
	505	1312-Teacher Education & Professional Development, Specific Levels & Methods	3.5%
	459	4511-Sociology	3.2%
	427	2601-Biology, General	3.0%
	<i>14,398</i>	<i>Total</i>	<i>100%</i>
2002	1115	4201-Psychology, General	8.8%
	719	5202-Business Administration, Management And Operations	5.7%
	605	2301-English Language And Literature, General	4.8%
	581	5116-Nursing	4.6%
	549	4511-Sociology	4.3%
	503	4301-Criminal Justice And Corrections	4.0%
	435	0901-Communication And Media Studies	3.4%
	425	1312-Teacher Education & Professional Development, Specific Levels & Methods	3.4%
	417	2601-Biology, General	3.3%
<i>12,621</i>	<i>Total</i>	<i>100%</i>	
1997	1,062	4201-Psychology, General	8.6%
	774	5116-Nursing	6.3%
	727	5202-Business Administration, Management And Operations	5.9%
	588	2301-English Language And Literature, General	4.8%
	489	4511-Sociology	4.0%
	386	4301-Criminal Justice And Corrections	3.1%
	385	0901-Communication And Media Studies	3.1%
	380	5007-Fine And Studio Art	3.1%
	377	3105-Health And Physical Education/Fitness	3.1%
<i>12,298</i>	<i>Total</i>	<i>100%</i>	

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

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

Year	Degrees	CIP Sub-Area and Description	% Total
2007	547	1312-Teacher Education & Professional Development, Specific Levels & Methods	11.6%
	515	1301-Education, General	10.9%
	494	5202-Business Administration, Management And Operations	10.5%
	303	1310-Special Education And Teaching	6.4%
	277	1313-Teacher Education & Professional Development, Specific Subject Areas	5.9%
	201	1399-Education, Other	4.3%
	<i>4,704</i>	<i>Total</i>	<i>100%</i>
2002	534	1301-Education, General	13.2%
	356	5202-Business Administration, Management And Operations	8.8%
	315	1312-Teacher Education & Professional Development, Specific Levels & Methods	7.8%
	252	1313-Teacher Education & Professional Development, Specific Subject Areas	6.2%
	236	1399-Education, Other	5.8%
	227	1310-Special Education And Teaching	5.6%
	130	1107-Computer Science	3.2%
	120	1305-Educational/Instructional Media Design	3.0%
<i>4,045</i>	<i>Total</i>	<i>100%</i>	
1997	326	1301-Education, General	9.2%
	283	5202-Business Administration, Management And Operations	8.0%
	223	1312-Teacher Education & Professional Development, Specific Levels & Methods	6.3%
	203	1310-Special Education And Teaching	5.7%
	178	5116-Nursing	5.0%
	111	1313-Teacher Education & Professional Development, Specific Subject Areas	3.1%
	111	1399-Education, Other	3.1%
	110	1311-Student Counseling And Personnel Services	3.1%
	107	1107-Computer Science	3.0%
<i>3,538</i>	<i>Total</i>	<i>100%</i>	

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

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

Year	Degrees	CIP Sub-Area and Description	% Total
2007	43	5123-Rehabilitation And Therapeutic Professions	9.7%
	40	1301-Education, General	9.0%
	34	4005-Chemistry	7.7%
	30	1107-Computer Science	6.8%
	18	1409-Computer Engineering, General	4.1%
	16	1304-Educational Administration And Supervision	3.6%
	16	4201-Psychology, General	3.6%
	14	1431-Materials Science	3.2%
	443	<i>Total</i>	100%
2002	49	4005-Chemistry	13.7%
	47	1301-Education, General	13.1%
	25	1107-Computer Science	7.0%
	15	2301-English Language And Literature, General	4.2%
	12	2606-Miscellaneous Biological Specializations	3.4%
	11	1304-Educational Administration And Supervision	3.1%
		358	<i>Total</i>
1997	62	1301-Education, General	17.4%
	35	4005-Chemistry	9.8%
	30	1107-Computer Science	8.4%
	20	4008-Physics	5.6%
	20	4201-Psychology, General	5.6%
	14	1409-Computer Engineering, General	3.9%
	14	2301-English Language And Literature, General	3.9%
	357	<i>Total</i>	100%

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 2007. The proportion of degrees conferred to women remained steady from 2002 through 2007 with variances shown at the distinct degree levels.

Table 8 – Trends in Degrees Conferred by Gender and Degree Level 2002 – 2007

Degree Level	Gender	2002		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%	#	%
Certificate	Male	664	27.9%	704	26.9%	756	25.9%	791	26.2%	846	26.1%	837	26.3%
	Female	1,719	72.1%	1,909	73.1%	2,164	74.1%	2,225	73.8%	2,391	73.9%	2,342	73.7%
	Total	2,383		2,613		2,920		3,016		3,237		3,179	
Associate	Male	2,651	37.6%	2,780	38.3%	2,845	36.7%	2,963	36.7%	2,991	36.8%	3,028	37.6%
	Female	4,396	62.4%	4,471	61.7%	4,917	63.3%	5,121	63.3%	5,130	63.2%	5,031	62.4%
	Total	7,047		7,251		7,762		8,084		8,121		8,059	
Bachelor	Male	5,310	42.1%	5,519	41.8%	5,642	42.5%	5,766	41.9%	6,029	43.1%	6,235	43.3%
	Female	7,311	57.9%	7,669	58.2%	7,646	57.5%	7,984	58.1%	7,945	56.9%	8,163	56.7%
	Total	12,621		13,188		13,288		13,750		13,974		14,398	
Master	Male	1,365	33.8%	1,458	33.4%	1,590	34.4%	1,606	34.6%	1,580	33.8%	1,678	35.7%
	Female	2,676	66.2%	2,906	66.6%	3,034	65.6%	3,029	65.4%	3,092	66.2%	3,026	64.3%
	Total	4,041		4,364		4,624		4,635		4,672		4,704	
Doctoral	Male	196	54.7%	143	44.4%	187	45.9%	184	47.3%	199	53.6%	216	48.8%
	Female	162	45.3%	179	55.6%	220	54.1%	205	52.7%	172	46.4%	227	51.2%
	Total	358		322		407		389		371		443	
All Degrees	Male	10,186	38.5%	10,604	38.2%	11,020	38.0%	11,310	37.9%	11,645	38.3%	11,994	39.0%
	Female	16,264	61.5%	17,134	61.8%	17,981	62.0%	18,564	62.1%	18,730	61.7%	18,789	61.0%
	Total	26,450		27,738		29,001		29,874		30,375		30,783	

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 2007. Compared to 2002, the proportion of degrees awarded to minority students increased from 14.7% to 17.1%.

Table 9 – Trends in Degrees Conferred by Race and Degree Level 2002 – 2007

Degree Level	Race	2002		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%	#	%
Cert.	Minority	373	17.7%	448	19.0%	533	20.3%	537	19.6%	612	21.1%	634	21.2%
	Non-Minority	1,735	82.3%	1,913	81.0%	2,094	79.7%	2,197	80.4%	2,287	78.9%	2,359	78.8%
	Total	2,108		2,361		2,627		2,734		2,899		2,993	
Assoc.	Minority	1,031	16.1%	1,198	17.8%	1,458	20.1%	1,494	19.7%	1,484	19.3%	1,601	20.8%
	Non-Minority	5,370	83.9%	5,551	82.2%	5,782	79.9%	6,093	80.3%	6,191	80.7%	6,105	79.2%
	Total	6,401		6,749		7,240		7,587		7,675		7,706	
Bach.	Minority	1,511	13.9%	1,565	13.8%	1,616	14.2%	1,739	14.5%	1,881	15.3%	2,049	15.3%
	Non-Minority	9,371	86.1%	9,756	86.2%	9,762	85.8%	10,260	85.5%	10,399	84.7%	11,342	84.7%
	Total	10,882		11,321		11,378		11,999		12,280		13,391	
Master	Minority	353	12.2%	333	10.6%	384	11.4%	446	12.3%	482	13.2%	487	12.5%
	Non-Minority	2,537	87.8%	2,804	89.4%	2,973	88.6%	3,171	87.7%	3,163	86.8%	3,408	87.5%
	Total	2,890		3,137		3,357		3,617		3,645		3,895	
Doct.	Minority	37	16.7%	31	16.7%	53	20.4%	45	19.1%	34	15.4%	48	17.3%
	Non-Minority	184	83.3%	155	83.3%	207	79.6%	190	80.9%	187	84.6%	230	82.7%
	Total	221		186		260		235		221		278	
All Degrees	Minority	3,305	14.7%	3,575	15.1%	4,044	16.3%	4,261	16.3%	4,493	16.8%	4,819	17.1%
	Non-Minority	19,197	85.3%	20,179	84.9%	20,818	83.7%	21,911	83.7%	22,227	83.2%	23,444	82.9%
	Total	22,502		23,754		24,862		26,172		26,720		28,263	

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 2002 to 2007. 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	2002	2003	2004	2005	2006	2007
University of Massachusetts Amherst	11-Computer & Information Sciences & Support Services	119	126	136	149	132	141
	14-Engineering	329	338	311	338	315	350
	15-Engineering Technologies/Technicians	0	0	3	4	1	4
	26-Biological And Biomedical Sciences	269	225	280	295	287	349
	27-Mathematics And Statistics	58	57	55	72	87	89
	40-Physical Sciences	143	144	166	149	147	128
	51-Health Professions And Related Clinical Sciences	243	241	297	295	283	368
	STEM Total	1,161	1,131	1,248	1,302	1,252	1,429
University of Massachusetts Boston	11-Computer & Information Sciences & Support Services	88	84	92	96	45	32
	14-Engineering	1	1	0	1	0	0
	26-Biological And Biomedical Sciences	81	86	88	105	105	93
	27-Mathematics And Statistics	2	8	5	6	10	4
	40-Physical Sciences	18	19	24	26	20	40
	51-Health Professions And Related Clinical Sciences	206	191	143	152	186	215
	STEM Total	396	389	352	386	366	384
University of Massachusetts Dartmouth	11-Computer & Information Sciences & Support Services	55	65	71	49	60	43
	14-Engineering	91	119	121	119	114	104
	15-Engineering Technologies/Technicians	7	1	1	2	0	0
	26-Biological And Biomedical Sciences	53	47	44	40	52	47
	27-Mathematics And Statistics	14	16	12	13	6	7
	40-Physical Sciences	29	27	20	22	19	26
	51-Health Professions And Related Clinical Sciences	88	92	116	107	130	130
STEM Total	337	367	385	352	381	357	
University of Massachusetts Lowell	11-Computer & Information Sciences & Support Services	176	198	238	241	213	171
	14-Engineering	259	306	352	285	282	306
	15-Engineering Technologies/Technicians	49	55	56	53	44	53
	26-Biological And Biomedical Sciences	43	39	42	52	57	67
	27-Mathematics And Statistics	14	18	22	28	29	31
	40-Physical Sciences	65	55	45	55	65	47
	41-Science Technologies/Technicians	3	2	0	0	0	0
	51-Health Professions And Related Clinical Sciences	196	181	192	174	165	193
STEM Total	805	854	947	888	855	868	
University of Massachusetts Total	11-Computer & Information Sciences & Support Services	438	473	537	535	450	387
	14-Engineering	680	764	784	743	711	760
	15-Engineering Technologies/Technicians	56	56	60	59	45	57
	26-Biological And Biomedical Sciences	446	397	454	492	501	556
	27-Mathematics And Statistics	88	99	94	119	132	131
	40-Physical Sciences	255	245	255	252	251	241
	41-Science Technologies/Technicians	3	2	0	0	0	0
	51-Health Professions And Related Clinical Sciences	733	705	748	728	764	906
	STEM Total	2,699	2,741	2,932	2,928	2,854	3,038

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

Degrees Conferred	CIP Sub-Area and Description	2002	2003	2004	2005	2006	2007
Bridgewater State College	11-Computer & Information Sciences & Support Services	38	56	49	33	33	12
	26-Biological And Biomedical Sciences	31	38	36	35	40	35
	27-Mathematics And Statistics	14	15	24	30	24	25
	40-Physical Sciences	25	21	19	27	20	26
	41-Science Technologies/Technicians	3	5	3	2	0	2
	51-Health Professions And Related Clinical Sciences	49	33	29	62	84	58
	STEM Total	160	168	160	189	201	158
Fitchburg State College	11-Computer & Information Sciences & Support Services	43	39	48	39	38	44
	15-Engineering Technologies/Technicians	18	16	26	22	26	27
	26-Biological And Biomedical Sciences	16	12	13	8	9	22
	27-Mathematics And Statistics	3	3	3	2	5	2
	40-Physical Sciences	1	0	0	0	0	0
	51-Health Professions And Related Clinical Sciences	72	42	51	53	57	45
	STEM Total	153	112	141	124	135	140
Framingham State College	11-Computer & Information Sciences & Support Services	32	29	36	29	22	19
	26-Biological And Biomedical Sciences	23	20	23	21	25	28
	27-Mathematics And Statistics	8	10	9	14	7	19
	40-Physical Sciences	2	8	3	6	5	7
	51-Health Professions And Related Clinical Sciences	19	22	33	37	24	41
	STEM Total	84	89	104	107	83	114
Massachusetts College of Liberal Arts	11-Computer & Information Sciences & Support Services	9	6	7	10	6	6
	26-Biological And Biomedical Sciences	12	12	16	18	8	15
	27-Mathematics And Statistics	4	2	8	6	8	3
	40-Physical Sciences	2	4	2	1	2	0
	STEM Total	27	24	33	35	24	24
Massachusetts Maritime Academy	14-Engineering	70	95	80	91	85	92
	15-Engineering Technologies/Technicians	0	0	0	21	18	19
	STEM Total	70	95	80	112	103	111
Salem State College	11-Computer & Information Sciences & Support Services	12	11	16	21	15	11
	26-Biological And Biomedical Sciences	11	22	22	22	23	33
	27-Mathematics And Statistics	2	7	7	14	9	21
	40-Physical Sciences	14	10	18	7	10	13
	51-Health Professions And Related Clinical Sciences	98	97	75	84	115	159
	STEM Total	137	147	138	148	172	237
Westfield State College	11-Computer & Information Sciences & Support Services	36	28	36	40	19	20
	26-Biological And Biomedical Sciences	24	22	19	25	15	18
	27-Mathematics And Statistics	12	11	7	18	17	13
	40-Physical Sciences	5	6	4	4	5	3
	STEM Total	77	67	66	87	56	54
Worcester State College	11-Computer & Information Sciences & Support Services	23	44	24	24	22	20
	26-Biological And Biomedical Sciences	30	44	34	40	48	57
	27-Mathematics And Statistics	9	10	12	8	10	9
	40-Physical Sciences	9	2	10	12	13	13
	51-Health Professions And Related Clinical Sciences	173	167	162	152	171	161
	STEM Total	244	267	242	236	264	260
State College Total	11-Computer & Information Sciences & Support Services	193	213	216	196	155	132
	14-Engineering	70	95	80	91	85	92
	15-Engineering Technologies/Technicians	18	16	26	43	44	46
	26-Biological And Biomedical Sciences	147	170	163	169	168	208
	27-Mathematics And Statistics	52	58	70	92	80	92
	40-Physical Sciences	58	51	56	57	55	62
	41-Science Technologies/Technicians	3	5	3	2	0	2
	51-Health Professions And Related Clinical Sciences	411	361	350	388	451	464
	STEM Total	952	969	964	1,038	1,038	1,098

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

Degrees Conferred	CIP Sub-Area and Description	2002	2003	2004	2005	2006	2007
Berkshire Community College	11-Computer & Information Sciences & Support Services	15	12	10	8	3	4
	14-Engineering	7	6	9	6	7	6
	15-Engineering Technologies/Technicians	2	19	1	4	3	6
	51-Health Professions And Related Clinical Sciences	90	53	79	92	102	96
	STEM Total	114	90	99	110	115	112
Bristol Community College	11-Computer & Information Sciences & Support Services	35	48	47	36	55	30
	14-Engineering	10	8	9	9	16	14
	15-Engineering Technologies/Technicians	23	22	49	61	84	71
	51-Health Professions And Related Clinical Sciences	108	132	165	172	170	145
	STEM Total	176	210	270	278	325	260
Bunker Hill Community College	11-Computer & Information Sciences & Support Services	64	99	70	54	38	38
	15-Engineering Technologies/Technicians	5	0	0	1	2	0
	26-Biological And Biomedical Sciences	0	12	13	13	12	24
	27-Mathematics And Statistics	0	5	3	1	4	1
	40-Physical Sciences	0	13	21	4	7	12
	51-Health Professions And Related Clinical Sciences	143	172	204	222	251	303
STEM Total	212	301	311	295	314	378	
Cape Cod Community College	11-Computer & Information Sciences & Support Services	12	9	11	19	4	6
	15-Engineering Technologies/Technicians	25	15	10	12	8	13
	51-Health Professions And Related Clinical Sciences	101	84	152	137	166	152
	STEM Total	138	108	173	168	178	171
Greenfield Community College	11-Computer & Information Sciences & Support Services	15	16	12	14	6	14
	14-Engineering	2	1	3	3	4	1
	15-Engineering Technologies/Technicians	0	0	0	2	1	0
	51-Health Professions And Related Clinical Sciences	62	72	96	96	100	80
	STEM Total	79	89	111	115	111	95
Holyoke Community College	11-Computer & Information Sciences & Support Services	3	4	3	27	12	16
	14-Engineering	3	6	3	11	13	6
	15-Engineering Technologies/Technicians	11	10	15	14	7	3
	51-Health Professions And Related Clinical Sciences	97	144	163	211	168	173
	STEM Total	114	164	184	263	200	198
Mass Bay Community College	11-Computer & Information Sciences & Support Services	41	29	26	23	13	16
	15-Engineering Technologies/Technicians	33	27	60	81	61	73
	26-Biological And Biomedical Sciences	0	2	5	5	3	4
	41-Science Technologies/Technicians	1	2	8	5	7	5
	51-Health Professions And Related Clinical Sciences	159	243	263	356	328	316
	STEM Total	234	303	362	470	412	414
Massasoit Community College	11-Computer & Information Sciences & Support Services	45	38	39	27	13	15
	15-Engineering Technologies/Technicians	71	68	61	36	44	37
	51-Health Professions And Related Clinical Sciences	152	133	174	217	288	248
	STEM Total	268	239	274	280	345	300
Middlesex Community College	11-Computer & Information Sciences & Support Services	34	39	37	26	11	13
	15-Engineering Technologies/Technicians	37	51	50	56	45	48
	26-Biological And Biomedical Sciences	0	0	0	0	0	1
	40-Physical Sciences	0	0	0	0	0	1
	41-Science Technologies/Technicians	10	11	30	29	28	42
	51-Health Professions And Related Clinical Sciences	166	148	202	169	204	196
	STEM Total	247	249	319	280	288	301

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

Degrees Conferred	CIP Sub-Area and Description	2002	2003	2004	2005	2006	2007
Mt. Wachusett Community College	11-Computer & Information Sciences & Support Services	33	45	70	63	60	48
	15-Engineering Technologies/Technicians	11	7	3	5	6	6
	51-Health Professions And Related Clinical Sciences	122	132	166	178	216	228
	STEM Total	166	184	239	246	282	282
North Shore Community College	11-Computer & Information Sciences & Support Services	26	15	17	9	9	14
	14-Engineering	1	5	8	12	3	5
	15-Engineering Technologies/Technicians	7	3	22	19	27	25
	41-Science Technologies/Technicians	3	2	3	5	0	3
	51-Health Professions And Related Clinical Sciences	195	215	225	255	279	287
STEM Total	232	240	275	300	318	334	
Northern Essex Community College	11-Computer & Information Sciences & Support Services	1	0	93	78	83	28
	15-Engineering Technologies/Technicians	135	101	114	61	46	17
	51-Health Professions And Related Clinical Sciences	179	203	186	248	248	247
	STEM Total	315	304	393	387	377	292
Quinsigamond Community College	11-Computer & Information Sciences & Support Services	0	0	50	54	51	28
	15-Engineering Technologies/Technicians	74	78	79	60	69	65
	51-Health Professions And Related Clinical Sciences	147	164	193	233	242	246
	STEM Total	221	242	322	347	362	339
Roxbury Community College	11-Computer & Information Sciences & Support Services	37	27	20	11	3	1
	14-Engineering	0	0	0	0	0	3
	26-Biological And Biomedical Sciences	0	0	0	0	0	18
	40-Physical Sciences	0	0	0	0	0	1
	51-Health Professions And Related Clinical Sciences	40	28	58	67	70	65
STEM Total	77	55	78	78	73	88	
Springfield Technical Community College	11-Computer & Information Sciences & Support Services	89	78	83	45	42	42
	14-Engineering	11	14	21	19	11	17
	15-Engineering Technologies/Technicians	114	130	121	127	123	110
	26-Biological And Biomedical Sciences	5	5	4	7	5	3
	27-Mathematics And Statistics	0	0	1	0	1	0
	40-Physical Sciences	1	0	1	1	1	1
	51-Health Professions And Related Clinical Sciences	143	171	191	267	253	258
STEM Total	363	398	422	466	436	431	
Community College Total	11-Computer & Information Sciences & Support Services	450	459	588	494	403	313
	14-Engineering	34	40	53	60	54	52
	15-Engineering Technologies/Technicians	548	531	585	539	526	474
	26-Biological And Biomedical Sciences	5	19	22	25	20	50
	27-Mathematics And Statistics	0	5	4	1	5	1
	40-Physical Sciences	1	13	22	5	8	15
	41-Science Technologies/Technicians	14	15	41	39	35	50
	51-Health Professions And Related Clinical Sciences	1,904	2,094	2,517	2,920	3,085	3,040
STEM Total	2,956	3,176	3,832	4,083	4,136	3,995	