

Appendix

Admission Standards

In 1995, the Board of Higher Education adopted new minimum admissions standards for the state colleges. The new standards were set to reinforce the Board's commitment to excellence, access, and success and to complement the Massachusetts Education Reform competency standards. The new standards were phased in over a four-year period, beginning with the students admitted into the freshman class in fall 1997. Under the heightened standards, the average GPA of new students enrolling in the state colleges has risen steadily from 2.73 in fall 1997 to 2.95 in fall 2005.

State College Admissions Standards – Then and Now

	1996	1997	2004
Required	Eligibility determined by an index based on class rank and sat combined score.	2.6 GPA based on grades earned in all college preparatory courses.	3.0 GPA based on grades earned in all college preparatory courses.
Minimum SAT Score	Sliding scale combined SAT of at least 500 if Class Rank in top 25.	None with GPA of at least 2.6. Sliding scale combined SAT of at least 890 if GPA below 2.6.	None with GPA of at least 3.0. Sliding scale combined SAT of at least 920 if GPA below 3.0.
Minimum Acceptable GPA	None.	2.0 GPA with sliding scale combined SAT of 1050.	2.0 GPA with sliding scale combined SAT of 1120.
Course Distribution Requirement	16 courses, including two science and three electives.	16 college preparatory courses, including three science and two electives.	16 college preparatory courses, including three science and two electives.
Exemptions from Standards	For students educationally disadvantaged due to low income, limited English proficiency, or racial discrimination.	For students able to demonstrate potential for collegiate academic success.	For students able to demonstrate potential for collegiate academic success.
Limits on Exemptions	No limits.	Limited to 15% of new undergraduates.	Limited to 10% of new undergraduates.

Performance Measurement Comparison Groups

Regional Comparisons: Community Colleges are compared to all public community college and all State Colleges are compared to all Public Masters I Colleges and Universities in the defined regions.

Northeast Peer Group: All public colleges of the same Carnegie Classification in the Northeast Region of the United States. The following states are included: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

National Peer Group: All public colleges of the same Carnegie Classification in the United States.

Community College's 80% Draw Region: The cities and towns that account for the 80% of a school's enrollment.

Peer Groups: In 2004 each college went through a lengthy process to select national comparison groups made up of similar institutions.

Performance Measurement Peer Groups

Berkshire Community College: Alpena Community College, MI; Bay De Noc Community College, MI; Cumberland County Community College, NJ; Greenfield Community College, MA; Mineral Area College, MO; Northwestern Connecticut Community College, CT; Quinebaug Valley Community College, CT; Sauk Valley Community College, IL; Southwestern Michigan Community College, MI

Bristol Community College: Atlantic Cape Community College, NJ; Finger Lakes Community College, NY; Hutchinson Community College, KS; Lake Land College, IL; Manchester Community College, CT; North Shore Community College, MA; Northwestern Michigan College, MI; Tunxis Community College, CT

Bunker Hill Community College: Baltimore City Community College, MD; Cincinnati State Technical And Community College, OH; Community College Of Denver, CO; Howard Community College, MD; Kansas City Kansas Community College, KS; Penn Valley Community College, MO; Saint Louis Community College-Forest Park, MO; Tacoma Community College, WA;

Cape Cod Community College: Bossier Parish Community College, LA; College Of Eastern Utah, UT; Greenfield Community College, MA; Ivy Tech State College-Southwest, IN; Lake-Sumter Community College, FL; Mount Wachusett Community College, MA; Naugatuck Valley Community College, CT; Tunxis Community College, CT; Wenatchee Valley College, WA; Western Nevada Community College, NV

Greenfield Community College: Berkshire Community College, MA; Big Bend Community College, WA; Chipola Junior College, FL; Hibbing Community College-A Tech And Community College, MN; Iowa Lakes Community College, IA; Northwest College, WY; Northwestern Connecticut Community College, CT; Quinebaug Valley Community College, CT

Holyoke Community College: Black Hawk College, IL; Kansas City Kansas Community College, KS; Manchester Community College, CT; Massasoit Community College, MA; Mercer County Community College, NJ; Northern Essex Community College, MA; Orange County Community College, NY; Raritan Valley Community College, NJ; Seattle Community College-North Campus, WA

Mass Bay Community College: Beville State Community College, AL; Bunker Hill Community College, MA; Middlesex Community College, NJ; North Shore Community College, MA; Pasco-Hernando Community College, FL; Pueblo Community College, CO; Walla Walla Community College, WA; Yakima Valley Community College, WA

Massasoit Community College: Black Hawk College, IL; Broome Community College, NY; Cincinnati State Tech & Community College, OH; CUNY Bronx Community College, NY; Dutchess Community College, NY; Harrisburg Area Community College, PA; Holyoke Community College, MA; Red Rocks Community College, CO; Seattle Community College—North Campus, WA

Middlesex Community College: Baltimore City Community College, MD; County College Of Morris, NJ; Erie Community College, NY; Essex County College, NJ; Kansas City Kansas Community College, KS; Niagara County Community College, NY; Rockland Community College, NY; Westmoreland County Community College, PA
Mt. Wachusett Community College: Berkshire Community College, MA; College of Eastern Utah, UT; Edison State Community College, OH; Greenfield Community College, MA; Middlesex Community College, CT; St. Clair County Community College, MI; Three Rivers Community College, CT; Tunxis Community College, CT

North Shore Community College: Central Florida Community College, FL; Delaware Technical and Community College- Stanton-Wilmington, DE; Essex County Community College, NJ; Gateway Community College, CT; Gloucester County College, NJ; Howard Community College, MD; Mott Community College, MI; Northern Essex Community College, MA

Northern Essex Community College: Atlantic Community College, NJ; Elgin Community College, IL; Jackson Community College, MI; Lorain County Community College, OH; Mercer County Community College, NJ; Northampton County Area Community College, PA; Onondaga Community College, NY; Parkland College, IL

Quinsigamond Community College: Bristol Community College, MA; Delaware Technical and Community College- Stanton-Wilmington, DE; Gateway Community College, CT; Ivy Tech State College-Central Indiana, IN; Ivy Tech State College-Northwest, IN; John C. Calhoun State Community College, AL; North Shore Community College, MA; Northern Essex Community College, MA; Thomas Nelson Community College, VA

Roxbury Community College: Atlanta Metropolitan College, GA; Baltimore Community College, MD; Capital Community College, CT; CUNY Hostos Community College, NY; Housatonic Community College, CT; Hudson County Community College, NJ; Lawson State Community College, AL; Passaic County Community College, NJ

Springfield Technical Community College: Baltimore City Community College, MD; Broome Community College, NY; Central Florida Community College, FL; Cincinnati State Community College, OH; Erie Community College, NY; Milwaukee Area Technical College, WI; Naugatuck Valley Community Technical College, CT; Texas State Technical College, TX

Bridgewater: Bloomsburg University, PA; California State University-Bakersfield, CA; Central Connecticut State University, CT; Kean University, NJ; Kutztown University, PA; Radford University, VA; Rhode Island College, RI; Shippensburg University, PA; SUNY College at Cortland, NY; William Patterson University, NJ

Fitchburg State College: Albany State University, GA; Auburn University-Montgomery, AL; Chicago State University, IL; Fort Hays State University, KS; Georgia College and State University, GA; Saginaw Valley State University, MI; University of Michigan-Flint, MI; University Of Tennessee-Chattanooga, TN; Western Carolina University, NC

Framingham State College: California State University - San Marcos, CA; East Stroudsburg University of Pennsylvania, PA; Fitchburg State College, MA; New Jersey City University, NJ; Northeastern Illinois University, IL; Southern University at New Orleans, LA; State University of New York – Potsdam, NY; Western Connecticut State University, CT

Massachusetts College of Liberal Arts: Elizabeth City State University, NC; Merrimack College, MA; St Mary's College of Maryland, MD; SUNY College at Old Westbury, NY; University of Minnesota-Morris, MN; University of North Carolina at Asheville, NC; University of Virginia's College at Wise, VA

Salem State College: California State University-Bakersfield, CA; California State University-Dominguez Hills, CA; California University of Pennsylvania, PA; Central Connecticut State University, CT; Kean University, NJ; Kennesaw State University, GA; New Jersey City University, NJ; Rhode Island College, RI; Southern Connecticut State University, CT

Westfield State College: Augusta State University, GA; California State University-San Marcos, CA; Eastern Connecticut State University, CT; Francis Marion University, SC; Frostburg State University, MD; Southern Oregon University, OR; Southern Utah University, UT; SUNY College at Fredonia, NY; University of Wisconsin-Green Bay, WI; University of Wisconsin-Parkside, WI

Worcester State College: Armstrong Atlantic University, GA; California State University- Dominguez Hills, CA; Georgia College and State University, GA; Midwestern State University, TX; Rhode Island College, RI; University of Michigan-Flint, MI; University of Southern Maine, ME; Western Connecticut State University, CT

Annual Headcount

Institution	FY2003	FY2004	FY2005	FY2006	FY2008
Berkshire	3,139	3,127	3,115	2,961	3,000
Bristol	9,317	9,318	9,362	9,680	10,449
Bunker Hill	11,664	12,007	12,340	12,966	13,627
Cape Cod	6,578	6,134	6,350	6,413	6,527
Greenfield	3,056	3,028	2,900	2,916	2,918
Holyoke	8,990	8,818	8,527	8,552	8,758
Massachusetts Bay	8,002	7,710	7,606	7,732	7,754
Massasoit	9,820	10,239	10,148	10,248	10,614
Middlesex	11,563	11,390	11,221	11,484	11,456
Mount Wachusett	5,774	5,570	5,587	5,710	5,882
North Shore	9,171	9,338	9,683	10,059	10,242
Northern Essex	8,579	8,503	8,839	8,848	8,831
Quinsigamond	9,429	8,558	8,385	8,796	9,455
Roxbury	3,489	3,200	3,379	3,443	3,488
Springfield Technical	8,914	8,612	8,246	8,555	8,506
Community College Total	117,485	115,552	115,688	118,363	121,507
Bridgewater	12,520	12,062	11,809	12,042	12,305
Fitchburg	11,302	11,272	12,578	11,906	11,756
Framingham	10,932	10,629	10,511	10,459	10,599
MCLA	2,678	2,742	2,761	2,630	2,582
Salem	15,770	15,422	16,053	15,823	15,826
Westfield	6,147	6,112	6,435	6,555	6,422
Worcester	9,205	9,295	9,261	8,930	9,222
State Colleges Total	68,554	67,534	69,408	68,345	68,712

Source: HEIRS Annual Student File

Annual FTE

Institution	FY2004	FY2005	FY2006	FY2007	FY2008
Berkshire	1,372	1,398	1,365	1,317	1,364
Bristol	4,062	4,091	4,051	4,186	4,555
Bunker Hill	4,729	4,895	4,993	5,203	5,538
Cape Cod	2,419	2,321	2,458	2,511	2,553
Greenfield	1,415	1,427	1,358	1,326	1,344
Holyoke	4,225	4,192	4,055	4,252	4,474
Massachusetts Bay	3,587	3,483	3,422	3,422	3,354
Massasoit	4,102	4,360	4,320	4,466	4,504
Middlesex	5,001	4,928	4,899	5,049	5,025
Mount Wachusett	2,411	2,402	2,498	2,522	2,610
North Shore	4,054	4,151	4,277	4,480	4,609
Northern Essex	3,713	3,699	3,832	3,922	3,839
Quinsigamond	4,217	3,939	3,849	3,996	4,446
Roxbury	1,552	1,435	1,514	1,518	1,512
Springfield Technical	4,114	4,063	3,922	3,998	3,978
Community College Total	50,972	50,784	50,813	52,165	53,705
Bridgewater	7,628	7,640	7,694	7,867	8,231
Fitchburg	4,360	4,670	5,029	5,018	5,159
Framingham	5,222	5,048	4,974	4,989	5,063
MCLA	1,714	1,767	1,788	1,785	1,709
Salem	7,340	7,673	8,195	8,464	8,492
Westfield	4,285	4,298	4,654	4,756	4,791
Worcester	4,424	4,484	4,551	4,573	4,597
State Colleges Total	34,973	35,579	36,885	37,453	38,043

Source: HEIRS Annual Student File

Percent of Total Undergraduate Enrollment Comprised of Minorities

Institution	DED Region	State	Fall 2004		Fall 2005		Fall 2006		Fall 2007	
	%	%	#	% Minority	#	% Minority	#	% Minority	#	% Minority
Bridgewater	9.1%	13.0%	684	9.6%	704	9.8%	768	10.6%	857	11.3%
Fitchburg	9.0%	13.0%	312	9.5%	336	9.7%	347	9.7%	365	10.1%
Framingham	17.9%	13.0%	376	10.5%	375	10.7%	435	12.2%	446	12.5%
MCLA	4.6%	13.0%	111	7.8%	106	7.5%	131	9.1%	140	9.3%
Salem	11.0%	13.0%	844	13.5%	1,035	15.2%	1,188	17.1%	1,289	18.0%
Westfield	13.2%	13.0%	326	8.0%	374	8.4%	378	8.3%	406	9.0%
Worcester	9.0%	13.0%	523	12.7%	551	13.1%	577	13.7%	613	14.3%
State Colleges	N/A	13.0%	3,176	10.6%	3,481	11.2%	3,824	12.1%	4,116	12.8%

Source: HEIRS Student File; US Census

*Notes: Enrollment data not included for unknown or non-resident alien students. Region minority population is based on all individuals 18 and over with a high school diploma or higher that reported a race or ethnicity other than "White, Non-Hispanic" for the 2000 Census. Regions are based of the Massachusetts Department of Economic Development's regional breakdown of the Commonwealth (Mass. DED is now Mass. Department of Business and Technology).

Institution	80% Draw	DED Region	Fall 2004		Fall 2005		Fall 2006		Fall 2007	
	%	%	#	% Minority	#	% Minority	#	% Minority	#	% Minority
Berkshire	5.1%	5.0%	218	9.7%	215	9.8%	215	10.1%	231	10.8%
Bristol	10.5%	10.8%	724	11.6%	782	12.6%	796	12.9%	876	13.3%
Bunker Hill	35.8%	21.0%	4,420	59.9%	4,341	59.9%	4,402	59.8%	4,527	57.9%
Cape Cod	5.8%	6.2%	411	11.3%	461	12.4%	473	12.7%	495	12.6%
Greenfield	10.0%	16.3%	196	9.1%	181	8.9%	186	9.0%	197	9.4%
Holyoke	21.8%	16.3%	1,373	22.8%	1,405	23.2%	1,407	22.9%	1,494	23.8%
Mass Bay	27.3%	21.0%	1,071	22.1%	1,144	24.0%	1,182	24.8%	1,336	28.3%
Massasoit	27.8%	10.8%	1,467	23.4%	1,340	21.9%	1,582	24.5%	1,546	24.0%
Middlesex	17.3%	14.5%	1,904	24.2%	1,946	24.8%	2,111	26.3%	2,138	26.8%
Mount Wachusett	10.7%	11.8%	585	15.9%	635	16.5%	629	17.5%	715	19.0%
North Shore	30.3%	14.5%	1,437	22.7%	1,542	24.9%	1,609	25.0%	1,788	27.1%
Northern Essex	21.7%	14.5%	1,712	29.5%	1,592	27.1%	1,647	28.1%	1,756	29.5%
Quinsigamond	13.9%	11.8%	1,378	24.1%	1,283	22.8%	1,383	24.3%	1,662	26.2%
Roxbury	44.6%	21.0%	1,486	92.3%	1,529	92.7%	1,685	93.1%	1,775	93.0%
STCC	23.9%	16.3%	1,856	32.6%	1,863	34.7%	1,836	34.0%	1,938	36.1%
Community Colleges	16.1%*		20,238	26.8%	20,259	27.1%	21,143	28.0%	22,474	28.9%

Source: HEIRS Student File; US Census

Note: Enrollment data not included for unknown or non-resident alien students. Minority population is based on all individuals 18 and over that reported a race or ethnicity other than "White, Non-Hispanic" for the 2000 Census. *80% draw value for the community college total is the percent minority in the 18 and older population in Massachusetts. DED Regions are based of the Massachusetts Department of Economic Development's regional breakdown of the Commonwealth (Mass. DED is now Mass. Department of Business and Technology).

Community College Fall-to-Fall Persistence of First-Time, Full-Time, Degree-Seeking Students

Institution	Enrollment Status	Fall 2002 Cohort	Fall 2003 Cohort	Fall 2004 Cohort	Fall 2005 Cohort	Fall 2006 Cohort
Berkshire	Starting Cohort	308	295	306	297	317
	% Returning to Same Institution	63.6%	61.4%	59.5%	63.3%	55.5%
	% Returning to Any Institution	70.5%	71.5%	67.3%	69.0%	66.9%
Bristol	Starting Cohort	857	993	1,245	1,099	1,088
	% Returning to Same Institution	65.0%	62.0%	61.0%	60.6%	63.6%
	% Returning to Any Institution	71.0%	69.2%	67.5%	67.1%	69.8%
Bunker Hill	Starting Cohort	722	680	781	630	631
	% Returning to Same Institution	52.5%	50.4%	49.8%	48.6%	52.9%
	% Returning to Any Institution	61.5%	59.6%	61.1%	56.2%	62.6%
Cape Cod	Starting Cohort	369	519	420	499	560
	% Returning to Same Institution	54.5%	55.9%	57.1%	53.9%	55.7%
	% Returning to Any Institution	63.7%	65.5%	68.6%	65.5%	67.5%
Greenfield	Starting Cohort	262	244	281	226	182
	% Returning to Same Institution	58.0%	59.0%	59.1%	56.2%	54.9%
	% Returning to Any Institution	71.0%	68.4%	66.6%	65.5%	66.5%
Holyoke	Starting Cohort	1,140	1,123	1,120	1,137	1,255
	% Returning to Same Institution	60.3%	60.6%	58.3%	58.9%	59.4%
	% Returning to Any Institution	66.9%	66.3%	65.0%	65.9%	65.3%
Massachusetts Bay	Starting Cohort	864	923	819	799	657
	% Returning to Same Institution	52.8%	51.1%	52.0%	52.1%	51.1%
	% Returning to Any Institution	63.9%	62.9%	66.3%	62.8%	65.0%
Massasoit	Starting Cohort	1,157	1,144	1,326	1,053	1,142
	% Returning to Same Institution	59.3%	55.2%	57.3%	55.7%	54.9%
	% Returning to Any Institution	65.9%	63.8%	64.2%	63.1%	64.4%
Middlesex	Starting Cohort	1,454	1,266	1,246	1,297	1,326
	% Returning to Same Institution	54.2%	54.1%	55.5%	55.3%	54.4%
	% Returning to Any Institution	65.8%	65.9%	68.2%	67.1%	65.0%
Mount Wachusett*	Starting Cohort	1,187	611	683	752	606
	% Returning to Same Institution	52.0%	50.4%	48.6%	46.5%	52.6%
	% Returning to Any Institution	64.2%	59.6%	58.6%	55.9%	64.2%
North Shore	Starting Cohort	771	818	939	917	992
	% Returning to Same Institution	61.2%	57.2%	59.7%	55.1%	61.1%
	% Returning to Any Institution	67.6%	63.9%	66.5%	61.9%	67.9%
Northern Essex	Starting Cohort	692	622	626	728	777
	% Returning to Same Institution	56.4%	56.6%	59.7%	59.5%	56.1%
	% Returning to Any Institution	65.3%	66.2%	68.4%	67.6%	64.9%
Quinsigamond	Starting Cohort	895	857	813	941	923
	% Returning to Same Institution	63.1%	56.1%	53.4%	52.3%	54.6%
	% Returning to Any Institution	68.6%	63.4%	61.0%	59.7%	62.3%
Roxbury	Starting Cohort	382	300	332	374	294
	% Returning to Same Institution	42.1%	46.3%	44.0%	50.8%	53.4%
	% Returning to Any Institution	54.2%	58.0%	52.4%	57.8%	62.6%
Springfield Technical	Starting Cohort	812	791	783	881	812
	% Returning to Same Institution	60.2%	57.4%	56.6%	58.0%	57.0%
	% Returning to Any Institution	65.3%	64.7%	61.8%	64.3%	63.1%
Community Colleges	Starting Cohort	11,872	11,186	11,720	11,630	11,562
	% Returning to Same Institution	57.4%	55.8%	55.9%	55.3%	56.5%
	% Returning to Any Institution	65.8%	64.6%	64.6%	63.5%	65.3%

Source: HEIRS

Note: Starting Cohort Identification: HEIRS II Fall Term Credit Student Unit Record File. Data Elements: Student Type at Current Registration = New; New Student Type= Degree-Seeking First-time freshman; Full-Time = Enrolled 12> credits; Cohort is adjusted to eliminate students from initial cohort who graduated prior to next fall term (if any) and would not be expected to return; %Returning to same institution is derived from matching Student SSN and Student ID in the following fall term HEIRS II and dividing the number returning by the starting cohort. % returning to any institution is determined by finding students enrolled in the next fall at other MA Public Institutions using HEIRS data or elsewhere using NSC data.

* Mount Wachusett's 2002 cohort count is overstated due to program extract logic errors for that year.

Fall-to-Fall Retention of First-Time, Full-Time, Degree-Seeking Students

Institution	Enrollment Status	Fall 2002 Cohort	Fall 2003 Cohort	Fall 2004 Cohort	Fall 2005 Cohort	Fall 2006 Cohort
Bridgewater	Starting Cohort	1,272	1,285	1,274	1,314	1,321
	% Returning to Same Institution	77.3%	77.8%	75.7%	75.0%	74.3%
Fitchburg	Starting Cohort	497	586	715	599	729
	% Returning to Same Institution	74.2%	77.0%	77.6%	74.6%	74.8%
Framingham	Starting Cohort	721	620	642	667	713
	% Returning to Same Institution	72.4%	71.8%	75.1%	72.0%	73.2%
Mass College of Liberal Arts	Starting Cohort	234	246	263	272	302
	% Returning to Same Institution	76.5%	73.6%	72.6%	71.0%	71.5%
Salem	Starting Cohort	837	994	1022	1208	1129
	% Returning to Same Institution	72.3%	76.3%	75.4%	70.9%	72.6%
Westfield	Starting Cohort	919	854	855	1182	1163
	% Returning to Same Institution	75.4%	74.6%	79.4%	75.4%	76.4%
Worcester	Starting Cohort	509	623	626	641	668
	% Returning to Same Institution	72.7%	71.1%	75.1%	73.8%	76.0%
State Colleges	Students*	4,989	5,208	5,397	5,883	6,025
	% Returning to Same Institution	74.6%	75.2%	76.2%	73.5%	74.4%

Note: Cohort Identification: HEIRS II Fall Term Credit Student Unit Record File. Data Elements: Student Type at Current Registration = New; New Student Type= Degree-Seeking First-time freshman; Full-Time = Enrolled 12+ credits; Adjusted Cohort eliminates students from initial cohort who graduated prior to next fall term (if any) and would not be expected to return; # Returning derived from matching Student SSN and Student ID in the following fall term HEIRS II Student file; % Returning = # Returning/Adjusted Cohort.

Annual Credit Course Completion Rate

Institution	Annual FY 2004	Annual FY 2005	Annual FY 2006	Annual FY 2007	Annual FY 2008
Berkshire	77.4%	77.1%	76.8%	76.3%	75.2%
Bristol	77.2%	78.9%	78.8%	79.3%	78.4%
Bunker Hill	75.7%	74.3%	75.2%	75.5%	76.2%
Cape Cod	74.5%	77.7%	73.8%	74.3%	74.1%
Greenfield	81.6%	81.7%	82.4%	81.3%	81.0%
Holyoke	77.0%	76.6%	75.2%	76.1%	77.3%
Mass Bay	74.4%	76.2%	75.5%	73.8%	74.4%
Massasoit	78.2%	76.0%	76.4%	75.6%	76.9%
Middlesex	74.8%	74.7%	74.5%	74.1%	74.7%
Mt. Wachusett	81.2%	80.3%	82.0%	83.1%	81.1%
North Shore	73.6%	74.1%	72.9%	72.9%	71.9%
Northern Essex	77.4%	75.6%	73.2%	71.4%	72.3%
Quinsigamond	76.6%	76.0%	75.1%	74.9%	74.8%
Roxbury	78.6%	77.9%	76.8%	76.7%	78.1%
Springfield Technical	78.5%	78.5%	78.4%	79.3%	80.1%
Segment Average	76.7%	76.5%	76.0%	75.8%	76.1%

Source: HEIRS Annual Course and Course Enrollment Files

RN NCLEX (Nursing Exam) Pass Rates for First-Time Test Takers

	First-time Test Takers	2003	2004*	2005	2006	2007
Berkshire	# examined pass rate	29 93.1%	40 75.0%	49 100.0%	45 88.9%	51 86.3%
Bristol	# examined pass rate	45 100.0%	60 86.7%	75 88.0%	65 90.8%	58 96.6%
Bunker Hill	# examined pass rate	34 94.1%	34 82.4%	47 87.2%	80 70.0%	120 61.7%
Cape Cod	# examined pass rate	59 84.7%	82 82.9%	72 84.7%	76 93.4%	57 86.0%
Greenfield	# examined pass rate	31 96.8%	33 90.9%	36 88.9%	37 97.3%	40 92.5%
Holyoke	# examined pass rate	49 81.6%	45 82.2%	46 95.7%	39 79.5%	45 88.9%
Mass Bay	# examined pass rate	104 82.7%	108 85.2%	99 86.9%	99 82.8%	123 86.2%
Massasoit	# examined pass rate	54 92.6%	56 87.5%	59 100.0%	82 89.0%	58 93.1%
Middlesex	# examined pass rate	37 89.2%	53 86.8%	47 83.0%	64 82.8%	76 82.9%
Mt. Wachusett	# examined pass rate	56 89.3%	74 85.1%	82 85.4%	93 94.6%	93 80.6%
North Shore	# examined pass rate	55 87.3%	57 96.5%	53 88.7%	61 85.2%	64 87.5%
Northern Essex	# examined pass rate	51 94.1%	59 84.7%	79 75.9%	81 92.6%	78 91.0%
Quinsigamond	# examined pass rate	59 91.5%	64 85.9%	88 84.1%	83 91.6%	79 78.5%
Roxbury	# examined pass rate	25 88.0%	27 55.6%	42 73.8%	44 68.2%	51 66.7%
Springfield Technical	# examined pass rate	41 82.9%	61 80.3%	83 78.3%	79 89.9%	84 91.7%
Community College Total	# examined pass rate	729 89.0%	853 84.3%	957 86.1%	1,028 86.9%	1,077 83.4%

Source: Massachusetts Board of Registration in Nursing, National Council of State Boards of Nursing

Note: Passing the National Council Licensure Exam (NCLEX) is required to become a registered nurse. The BHE measures pass rates on this exam for first-time test-takers as an indication of academic quality and learning outcomes (the inclusion of repeat test takers would increase the annual pass rate).

*A higher passing standard was instituted in 2004 for this exam. As a result, the average pass rates for Massachusetts community colleges fell slightly from 2003.

Transfer Students Matriculated into Four-Year Colleges

Institution	Fall	Transfer Students	Mass Community College Transfers	Percent of Transfers from a Massachusetts Community College	Community College Transfers who Transferred through the Joint Admission Program	Percent of Community College Transfers who Transferred in through the Joint Admission Program
Bridgewater	2003	691	346	50.1%	115	33.2%
	2004	810	364	44.9%	102	28.0%
	2005	878	412	46.9%	125	30.3%
	2006	763	374	49.0%	117	31.3%
	2007	790	409	51.8%	151	36.9%
Fitchburg	2003	357	202	56.6%	29	14.4%
	2004	295	178	60.3%	33	18.5%
	2005	392	234	59.7%	29	18.5%
	2006	343	204	59.5%	31	15.2%
	2007	359	233	64.9%	56	24.0%
Framingham	2003	315	139	44.1%	21	15.1%
	2004	320	144	45.0%	22	15.3%
	2005	317	135	42.6%	18	13.3%
	2006	334	139	41.6%	28	20.1%
	2007	420	196	46.7%	28	14.3%
MCLA	2003	136	55	40.4%	15	27.3%
	2004	158	86	54.4%	25	29.1%
	2005	176	107	60.8%	30	28.0%
	2006	149	89	59.7%	31	34.8%
	2007	151	90	59.6%	28	31.1%
Salem	2003	739	392	53.0%	59	15.1%
	2004	748	386	51.6%	47	12.2%
	2005	618	334	54.0%	77	23.1%
	2006	780	412	52.8%	65	15.8%
	2007	814	446	54.8%	69	15.5%
Westfield	2003	330	240	72.7%	90	37.5%
	2004	368	249	67.7%	86	34.5%
	2005	324	228	70.4%	93	40.8%
	2006	290	210	72.4%	95	45.2%
	2007	252	177	70.2%	89	50.3%
Worcester	2003	396	200	50.5%	21	10.5%
	2004	445	207	46.5%	29	14.0%
	2005	490	202	41.2%	32	15.8%
	2006	472	245	51.9%	33	13.5%
	2007	509	256	50.3%	43	16.8%
State Colleges	2003	2,964	1,574	53.1%	350	22.2%
	2004	3,144	1,614	51.3%	344	21.3%
	2005	3,195	1,652	51.7%	404	24.5%
	2006	3,131	1,673	53.4%	400	23.9%
	2007	3,295	1,807	54.8%	464	25.7%

Source: HEIRS

Annual Enrollment in Not-for-Credit Workforce Development Courses

Institution	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Berkshire	1,297	1,444	1,622	1,284	1,802
Bristol	9,517	9,931	12,155	13,051	13,384
Bunker Hill	4,039	3,106	3,349	3,062	3,900
Cape Cod	1,831	1,898	2,290	2,215	2,265
Greenfield	1,533	1,580	1,537	1,821	1,916
Holyoke	3,827	2,792	5,520	6,761	7,082
Mass Bay*	2,241	2,219	1,532	2,501	980
Massasoit	2,901	3,705	3,874	4,160	4,666
Middlesex*	22,611	18,065	17,495	18,944	17,766
Mt. Wachusett*	3,480	4,125	5,574	6,270	12,579
North Shore	4,643	5,197	5,277	5,434	5,242
Northern Essex	14,074	10,666	16,759	15,241	5,291
Quinsigamond*	1,723	2,899	2,909	6,741	5,731
Roxbury*	1,384	981	1,254	1,278	1,348
Springfield Technical	4,079	4,294	3,369	3,582	2,731
Community Colleges	77,625	70,139	84,516	92,345	86,683

Source: Data from HEIRS, based on Non-Credit course enrollment data coded as Workforce Development or CEU/PDP; 2004 data for Cape Cod, Mass Bay, Quinsigamond and Roxbury was self-reported; 2005 - 2006 data for Quinsigamond was self-reported;

Community College Total Private Funds Received (Institution and Foundation)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Berkshire	\$43,016	\$223,859	\$213,305	\$505,737	\$937,861
Bristol	\$740,348	\$636,225	\$1,494,282	\$1,189,610	\$1,456,161
Bunker Hill	\$179,614	\$209,049	\$263,270	\$410,915	\$451,363
Cape Cod	\$917,531	\$1,237,857	\$1,348,171	\$1,589,516	\$1,245,244
Greenfield	\$227,278	\$506,785	\$620,219	\$1,149,128	\$867,788
Holyoke	\$1,592,664	\$980,220	\$1,006,672	\$1,088,188	\$837,457
Mass Bay	\$59,869	\$179,352	\$30,125	\$35,920	\$30,531
Massasoit	\$87,658	\$102,690	\$59,824	\$134,588	\$239,832
Middlesex	\$369,621	\$501,577	\$676,343	\$1,073,735	\$948,767
Mt. Wachusett	\$802,715	\$1,663,464	\$1,659,005	\$889,357	\$633,748
North Shore	\$514,228	\$591,201	\$573,668	\$385,532	\$441,520
Northern Essex	\$1,188,868	\$1,101,550	\$851,850	\$1,859,870	\$741,413
Quinsigamond	\$896,480	\$1,438,791	\$1,180,889	\$1,198,102	\$732,815
Roxbury	\$61,354	\$198,200	\$216,843	\$393,868	\$411,316
Springfield Technical	\$767,729	\$1,035,650	\$886,621	\$933,100	\$2,168,556
Total	\$8,448,973	\$10,606,470	\$11,081,087	\$12,837,166	\$12,144,372

Source: Institutional Budget Worksheets

State College Total Private Funds Received (Institution and Foundation)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Bridgewater	\$2,105,502	\$1,562,344	\$1,280,550	\$1,217,310	\$1,758,479
Fitchburg	\$1,270,023	\$679,986	\$1,625,316	\$1,643,874	\$1,593,722
Framingham	\$444,924	\$375,961	\$654,577	\$873,457	\$701,610
Mass College of Liberal Arts	\$434,465	\$659,577	\$523,415	\$1,561,378	\$1,604,679
Salem	\$1,363,386	\$1,837,108	\$7,372,735	\$2,380,640	\$2,191,111
Westfield	\$499,343	\$496,029	\$593,099	\$589,680	\$570,000
Worcester	\$679,225	\$1,014,322	\$1,409,932	\$1,130,710	\$1,247,298
Total	\$6,796,868	\$6,625,327	\$13,459,624	\$9,597,325	\$9,666,899

Source: Institutional Budget Worksheets

Primary Reserve Ratio

Institution	FY2006			FY2007			FY2008		
	Ratio	Unrestricted & Expendable Net Assets	Total Operating Expenses	Ratio	Unrestricted & Expendable Net Assets	Total Operating Expenses	Ratio	Unrestricted & Expendable Net Assets	Total Operating Expenses
Bridgewater	13.6%	\$14,336,585	\$105,063,104	13.1%	\$15,180,658	\$115,961,552	8.3%	\$11,170,935	\$134,206,734
Fitchburg	40.5%	\$23,337,223	\$57,555,432	39.3%	\$24,590,690	\$62,597,680	32.3%	\$21,765,206	\$67,425,180
Framingham	39.4%	\$21,278,322	\$53,942,062	38.2%	\$23,371,626	\$61,181,782	19.7%	\$13,337,000	\$67,672,000
Mass College of Liberal Arts	11.1%	\$3,717,955	\$33,401,714	13.9%	\$5,026,807	\$36,271,288	15.3%	\$5,920,547	\$38,693,917
Salem	11.7%	\$12,158,121	\$103,739,845	10.8%	\$12,095,452	\$111,986,974	11.5%	\$13,550,882	\$117,529,398
Westfield	17.2%	\$11,138,117	\$64,920,315	23.3%	\$16,448,476	\$70,545,687	21.9%	\$16,721,331	\$76,310,514
Worcester	18.9%	\$10,856,237	\$57,293,416	21.7%	\$13,536,795	\$62,307,852	21.7%	\$14,388,882	\$66,160,705
Berkshire	9.7%	\$1,977,739	\$20,403,350	6.3%	\$1,308,109	\$20,797,307	5.2%	\$1,168,458	\$22,528,854
Bristol	13.8%	\$5,747,074	\$41,558,301	18.4%	\$8,020,218	\$43,541,458	16.8%	\$8,578,615	\$51,001,592
Bunker Hill	10.7%	\$5,662,359	\$52,768,145	13.2%	\$7,305,724	\$55,518,633	8.4%	\$5,276,303	\$62,636,295
Cape Cod	7.9%	\$2,060,623	\$25,962,185	9.6%	\$2,686,773	\$27,947,641	7.1%	\$2,155,115	\$30,540,255
Greenfield	-5.6%	(\$1,244,419)	\$22,129,509	-4.3%	(\$998,217)	\$23,029,380	-3.8%	(\$928,583)	\$24,706,036
Holyoke	17.4%	\$7,587,130	\$43,571,704	21.1%	\$9,731,149	\$46,111,889	13.4%	\$7,113,188	\$53,204,838
Mass Bay	8.2%	\$2,747,008	\$33,326,052	9.8%	\$3,493,199	\$35,765,131	5.7%	\$2,086,291	\$36,819,834
Massasoit	3.4%	\$1,524,689	\$45,279,583	4.7%	\$2,170,082	\$45,902,427	2.6%	\$1,282,374	\$50,077,761
Middlesex	2.6%	\$1,463,378	\$55,684,138	4.0%	\$2,388,077	\$59,283,754	3.4%	\$2,109,521	\$62,104,470
Mt. Wachusett	-5.1%	(\$1,769,624)	\$35,037,330	-6.9%	(\$2,562,754)	\$36,896,912	-7.8%	(\$3,118,151)	\$39,965,463
North Shore	8.8%	\$4,365,705	\$49,422,613	8.4%	\$4,413,943	\$52,571,793	7.3%	\$4,108,390	\$56,588,813
Northern Essex	1.8%	\$751,257	\$41,817,662	0.8%	\$334,742	\$44,246,825	-0.6%	(\$242,441)	\$43,118,048
Quinsigamond	5.3%	\$2,104,684	\$39,708,092	12.5%	\$5,439,582	\$43,582,421	12.3%	\$5,951,278	\$48,570,545
Roxbury	-5.1%	(\$1,175,198)	\$23,098,531	-1.7%	(\$417,386)	\$24,563,462	-0.9%	(\$236,416)	\$26,239,795
Springfield Technical	5.9%	\$3,448,548	\$58,406,045	7.6%	\$4,596,112	\$60,823,286	7.1%	\$4,647,515	\$65,758,860

Source: Audited Financial Statements

*The Primary Reserve ratio = Unrestricted and Expendable Net Assets/ Total Operating Expenditures. This ratio provides a snapshot of an institution's financial strength, resource sufficiency and flexibility. The ratio indicates how long the college could operate using expendable reserves without relying on additional new assets generated by operations. A ratio below 10% indicates an institution lacks flexibility and may lack sufficient resources for strategic initiatives; a ratio of 40% is recommended for public higher education institutions.