## MASSACHUSETTS BOARD OF HIGHER EDUCATION

December 2005 - Second Release

## Massachusetts Community Colleges

Key Performance Inclicetors Linear Trends


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## Performance Accountability Objective: Access and Affordability

$\square$ Annual Unduplicated Credit Headcount
$\square$ Annual FTE Enrollment
$\square$ Fall Unduplicated Credit Headcount
$\square$ Fall FTE Enrollment
$\square$ Tuition and Fees as Percent of State Median Family Income
$\square$ Percent of Total Undergraduate Enrollment Comprised of Minorities
$\square$ Financial Aid

## Annual Unduplicated Credit Headcount

|  | FY 1998 | FY 1999 | FY 2000 | FY 2001 | FY 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire* | 3,238 | 3,449 | 3,475 | 3,378 | 3,310 |
| Bristol | 7,440 | 8,004 | 8,680 | 8,643 | 8,826 |
| Bunker Hill | 10,222 | 10,531 | 10,601 | 10,507 | 11,210 |
| Cape Cod* | 5,607 | 5,451 | 5,441 | 5,772 | 6,629 |
| Greenfield | 2,802 | 2,922 | 2,974 | 2,903 | 2,976 |
| Holyoke | 6,809 | 7,634 | 7,835 | 8,139 | 8,520 |
| Massachusetts Bay | 6,913 | 7,115 | 7,119 | 7,440 | 7,850 |
| Massasoit | 8,778 | 9,782 | 9,566 | 10,037 | 10,243 |
| Middlesex | 8,892 | 9,730 | 9,983 | 10,488 | 11,014 |
| Mount Wachusett | 4,139 | 4,359 | 4,803 | 4,809 | 5,347 |
| North Shore* | 7,851 | 8,336 | 8,930 | 9,112 | 8,944 |
| Northern Essex | 8,223 | 8,487 | 9,444 | 9,401 | 9,486 |
| Quinsigamond* | 7,239 | 7,713 | 8,258 | 8,848 | 9,722 |
| Roxbury | 3,530 | 4,392 | 3,306 | 3,969 | 4,005 |
| Springfield Technical | 8,938 | 9,032 | 8,826 | 9,360 | 9,445 |
| Community College Total | 100,621 | 106,937 | 109,241 | 112,806 | 117,527 |


|  |  |  |
| ---: | ---: | ---: |
|  |  |  |
| FY 2003 | FY 2004 | FY 2005 |
| 3,202 | 3,139 | 3,127 |
| 9,118 | 9,317 | 9,318 |
| 11,617 | 11,664 | 12,007 |
| 6,481 | 6,578 | 6,134 |
| 2,980 | 3,056 | 3,028 |
| 8,724 | 8,990 | 8,818 |
| 7,713 | 8,002 | 7,710 |
| 10,565 | 9,820 | 10,239 |
| 11,566 | 11,563 | 11,390 |
| 5,399 | 5,774 | 5,570 |
| 8,924 | 9,171 | 9,338 |
| 9,250 | 8,579 | 8,503 |
| 9,914 | 9,429 | 8,558 |
| 3,694 | 3,489 | 3,200 |
| 9,051 | 8,914 | 8,612 |
| $\mathbf{1 1 8 , 1 9 8}$ | $\mathbf{1 1 7 , 4 8 5}$ | $\mathbf{1 1 5 , 5 5 2}$ |

Source (Pre-FY03): IPEDS Enrollment Survey

* See Endnotes Section

Annual FTE Enrollment

|  | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | 1,413.0 | 1,465.5 | 1,397.9 | 1,365.5 | 1,372.1 | 1,398.1 |
| Bristol | 3,458.0 | 3,515.2 | 3,707.6 | 3,952.4 | 4,061.7 | 4,090.9 |
| Bunker Hill | 4,148.0 | 4,083.2 | 4,489.2 | 4,709.2 | 4,728.6 | 4,895.4 |
| Cape Cod | 2,116.0 | 2,274.7 | 2,312.7 | 2,327.8 | 2,419.1 | 2,321.3 |
| Greenfield | 1,417.0 | 1,383.2 | 1,436.0 | 1,399.7 | 1,415.2 | 1,427.0 |
| Holyoke | 3,450.0 | 3,498.7 | 3,809.5 | 4,049.0 | 4,224.5 | 4,192.4 |
| Mass Bay* | 3,151.0 | 3,246.0 | 3,685.2 | 3,615.3 | 3,586.7 | 3,483.2 |
| Massasoit | 3,999.0 | 4,129.8 | 4,284.7 | 4,415.0 | 4,101.9 | 4,360.3 |
| Middlesex | 4,126.0 | 4,289.4 | 4,681.0 | 5,022.8 | 5,000.7 | 4,927.9 |
| Mount Wachusett* | 1,952.0 | 1,952.3 | 2,273.4 | 2,341.3 | 2,411.2 | 2,401.7 |
| North Shore** | 3,737.0 | 3,836.7 | 3,886.0 | 3,905.5 | 4,054.2 | 4,150.6 |
| Northern Essex | 3,437.0 | 3,488.0 | 3,698.5 | 3,816.1 | 3,713.1 | 3,698.7 |
| Quinsigamond** | 3,486.0 | 3,665.1 | 4,015.2 | 4,321.1 | 4,217.0 | 3,938.9 |
| Roxbury | 1,727.0 | 1,891.6 | 1,844.1 | 1,720.0 | 1,551.9 | 1,435.3 |
| Springfield Technical | 3,910.0 | 4,036.8 | 3,961.4 | 4,106.3 | 4,113.6 | 4,062.8 |
| Community College Total | 45,527.0 | 46,756.4 | 49,482.5 | 51,067.0 | 50,971.5 | 50,784.4 |

* FY 2001 data for Massachusetts Bay and Mount Wachusett Community Colleges were adjusted by the respective institutions using the correct methodology.
** See Endnotes Section

Fall Unduplicated Credit Headcount

|  | Fall 1998 | Fall 1999 | Fall 2000 | Fall 2001 | Fall 2002 | Fall 2003 | Fall 2004 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Berkshire* | 2,439 | 2,431 | 2,494 | 2,401 | 2,254 | 2,272 | 2,364 |
| Bristol* | 5,518 | 6,033 | 6,067 | 6,124 | 6,346 | 6,639 | 6,864 |
| Bunker Hill | 7,129 | 6,543 | 6,386 | 6,914 | 7,211 | 7,397 | 7,821 |
| Cape Cod | 3,623 | 3,952 | 4,063 | 4,294 | 4,119 | 4,287 | 4,107 |
| Greenfield | 2,240 | 2,274 | 2,277 | 2,355 | 2,254 | 2,368 | 2,353 |
| Holyoke | 5,468 | 5,619 | 5,754 | 5,998 | 6,117 | 6,335 | 6,298 |
| Massachusetts Bay | 4,801 | 4,624 | 4,676 | 5,173 | 4,994 | 5,380 | 5,132 |
| Massasoit | 6,646 | 6,674 | 6,842 | 6,985 | 7,003 | 6,808 | 6,908 |
| Middlesex | 6,664 | 6,933 | 7,451 | 7,568 | 7,979 | 8,366 | 8,122 |
| Mount Wachusett | 3,194 | 3,446 | 3,397 | 3,711 | 3,946 | 4,118 | 4,165 |
| North Shore* | 5,529 | 6,101 | 6,285 | 6,100 | 6,106 | 6,612 | 6,690 |
| Northern Essex | 5,803 | 6,376 | 6,580 | 6,372 | 6,621 | 6,300 | 6,194 |
| Quinsigamond** | 5,178 | 5,279 | 5,713 | 6,183 | 6,621 | 6,592 | 6,100 |
| Roxbury | 2,334 | 2,382 | 2,699 | 2,712 | 2,515 | 2,365 | 2,180 |
| Springfield Technical | 6,590 | 6,497 | 6,694 | 6,257 | 6,282 | 6,157 | 6,114 |
| Community College Total | $\mathbf{7 3 , 1 5 6}$ | $\mathbf{7 5 , 1 6 4}$ | $\mathbf{7 7 , 3 7 8}$ | $\mathbf{7 9 , 1 4 7}$ | $\mathbf{8 0 , 3 6 8}$ | $\mathbf{8 1 , 9 9 6}$ | $\mathbf{8 1 , 4 1 2}$ |

Source: HEIRS Student File

* See Endnotes Section



## Fall FTE Enrollment

|  | Fall 1998 | Fall 1999 | Fall 2000 | Fall 2001 | Fall 2002 | Fall 2003 | Fall 2004 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Berkshire | $1,351.0$ | $1,361.8$ | $1,416.9$ | $1,346.7$ | $1,314.3$ | $1,323.7$ | $1,377.9$ |
| Bristol | $3,075.9$ | $3,249.2$ | $3,268.7$ | $3,423.5$ | $3,697.1$ | $3,964.7$ | $4,093.7$ |
| Bunker Hill | $3,455.5$ | $3,697.8$ | $3,529.9$ | $3,872.2$ | $4,078.6$ | $4,148.9$ | $4,341.0$ |
| Cape Cod | $2,011.3$ | $2,159.6$ | $2,186.9$ | $2,273.9$ | $2,168.5$ | $2,331.3$ | $2,227.4$ |
| Greenfield | $1,356.5$ | $1,382.9$ | $1,353.0$ | $1,400.6$ | $1,382.8$ | $1,436.9$ | $1,445.2$ |
| Holyoke | $3,255.7$ | $3,392.6$ | $3,482.9$ | $3,655.0$ | $3,856.4$ | $4,051.3$ | $4,058.8$ |
| Massachusetts Bay | $3,011.9$ | $2,970.0$ | $3,016.4$ | $3,460.6$ | $3,341.3$ | $3,482.1$ | $3,287.1$ |
| Massasoit | $3,802.9$ | $3,842.5$ | $3,897.5$ | $4,058.5$ | $4,163.7$ | $4,057.0$ | $4,143.3$ |
| Middlesex | $3,885.3$ | $4,010.1$ | $4,192.4$ | $4,395.0$ | $4,787.0$ | $4,941.1$ | $4,796.2$ |
| Mount Wachusett | $1,842.2$ | $1,917.1$ | $1,914.5$ | $2,188.7$ | $2,420.3$ | $2,456.5$ | $2,505.5$ |
| North Shore* | $3,106.5$ | $3,574.7$ | $3,715.7$ | $3,691.9$ | $3,716.3$ | $3,965.8$ | $4,049.2$ |
| Northern Essex | $3,059.2$ | $3,210.3$ | $3,280.3$ | $3,362.2$ | $3,582.6$ | $3,601.8$ | $3,604.0$ |
| Quinsigamond* | $2,956.9$ | $2,953.3$ | $3,208.7$ | $3,565.5$ | $3,874.8$ | $3,901.5$ | $3,708.0$ |
| Roxbury | $1,423.5$ | $1,506.6$ | $1,713.0$ | $1,756.3$ | $1,663.2$ | $1,464.3$ | $1,369.1$ |
| Springfield Technical | $3,895.5$ | $3,865.0$ | $3,920.9$ | $3,809.5$ | $3,889.3$ | $3,933.2$ | $3,887.9$ |
| Community College Total | $\mathbf{4 1 , 4 8 9 . 8}$ | $\mathbf{4 3 , 0 9 3 . 5}$ | $\mathbf{4 4 , 0 9 7 . 7}$ | $\mathbf{4 6 , 2 6 0 . 1}$ | $\mathbf{4 7 , 9 3 6 . 2}$ | $\mathbf{4 9 , 0 6 0 . 1}$ | $\mathbf{4 8 , 8 9 4 . 3}$ |

Source: HEIRS Student File

* See Endnote Section


Tuition and Fees* as Percent of State Median Family Income

|  |  | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | Tuition and Fees | \$2,490 | \$2,700 | \$3,090 | \$3,390 | \$3,390 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Tuition and Fees as a Percent of Median Income | 4.0\% | 4.1\% | 4.6\% | 5.0\% | 4.9\% |
| Bristol | Tuition and Fees | \$2,070 | \$2,160 | \$2,820 | \$3,060 | \$3,240 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Tuition and Fees as a Percent of Median Income | 3.4\% | 3.3\% | 4.2\% | 4.5\% | 4.7\% |
| Bunker Hill | Tuition and Fees | \$1,950 | \$1,950 | \$2,400 | \$3,000 | \$3,000 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Median Income | 3.2\% | 3.0\% | 3.6\% | 4.4\% | 4.4\% |
| Cape Cod | Tuition and Fees | \$2,310 | \$2,460 | \$3,180 | \$3,180 | \$3,660 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Tuition and Fees as a Percent of Median Income | 3.7\% | 3.8\% | 4.8\% | 4.7\% | 5.3\% |
| Greenfield | Tuition and Fees | \$2,297 | \$2,507 | \$3,017 | \$3,317 | \$3,647 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Tuition and Fees as a Percent of Median Income | 3.7\% | 3.8\% | 4.5\% | 4.9\% | 5.3\% |
| Holyoke | Tuition and Fees | \$2,176 | \$2,436 | \$2,796 | \$3,096 | \$3,098 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Tuition and Fees as a Percent of Median Income | 3.5\% | 3.7\% | 4.2\% | 4.6\% | 4.5\% |
| Mass Bay | Tuition and Fees | \$1,890 | \$1,960 | \$2,870 | \$3,170 | \$3,650 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,701 |
|  | Tuition and Fees as a Percent of Median Income | 3.1\% | 3.0\% | 4.3\% | 4.7\% | 5.3\% |
| Massasoit | Tuition and Fees | \$2,040 | \$2,040 | \$2,640 | \$3,330 | \$3,330 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,70 |
|  | Tuition and Fees as a Percent of Median Income | 3.3\% | 3.1\% | 3.9\% | 4.9\% | 4.8\% |
| Middlesex | Tuition and Fees | \$2,360 | \$2,510 | \$3,020 | \$3,380 | \$3,650 |
|  | Median Family Income | \$61,664 | \$65,391 | \$66,922 | \$67,527 | \$68,70 |
|  | Tuition and Fees as a Percent of Median Income | 3.8\% | 3.8\% | 4.5\% | 5.0\% | 5.3\% |

Tuition and Fees* as Percent of State Median Family Income

|  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: |
| Mount Wachusett |  |  |  |  |
|  |  |  |  |  |

Source: BHE Tuition and Fee Survey; US Census; American Community Survey
Note: Median Family Income lags tuition and fees by one fiscal year (i.e. income earned in FY 2003 is used to pay tuition and fees in FY 2004).

* Annual Tuition and Fees derived from fall rates; Community College Average Tuition and Fees are calculated as a weighted average based on FTE.
** Northeastern States Average calculated from IPEDS, using New England and Mideast states in Carnegie Classification 40: Associates Colleges

Percent of Total Undergraduate Enrollment Comprised of Minorities

|  | 80\% Draw Communities 18 and Over Minority Population | Fall-1998 Enrollment |  | Fall-1999 Enrollment |  | Fall-2000 Enrollment |  | Fall-2001 Enrollment |  | Fall-2002 Enrollment |  | Fall-2003 Enrollment |  | Fall-2004 Enrollment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \# | \% of known Ethnicity | \# | \% of known Ethnicity | \# | \% of known Ethnicity | \# | \% of known Ethnicity | \# | \% of known Ethnicity | \# | \% of known Ethnicity | \# | \% of known Ethnicity |
| Berkshire | 5\% | 69 | 4\% | 129 | 6\% | 141 | 6\% | 155 | 7\% | 176 | 8\% | 209 | 10\% | 218 | 10\% |
| Bristol | 11\% | 405 | 8\% | 489 | 9\% | 454 | 8\% | 533 | 9\% | 622 | 10\% | 660 | 11\% | 724 | 12\% |
| Bunker Hill | 36\% | 3,496 | 55\% | 3,725 | 62\% | 2,992 | 59\% | 3,631 | 59\% | 3,626 | 59\% | 3,866 | 59\% | 4,420 | 60\% |
| Cape Cod | 6\% | 193 | 6\% | 219 | 6\% | 213 | 6\% | 240 | 6\% | 260 | 7\% | 319 | 9\% | 411 | 11\% |
| Greenfield | 10\% | 116 | 7\% | 132 | 7\% | 144 | 8\% | 167 | 9\% | 159 | 8\% | 197 | 9\% | 196 | 9\% |
| Holyoke | 22\% | 798 | 16\% | 809 | 17\% | 864 | 18\% | 1,049 | 19\% | 1,155 | 20\% | 1,321 | 22\% | 1,373 | 23\% |
| Mass Bay | 27\% | 1,051 | 24\% | 1,035 | 25\% | 1,144 | 28\% | 1,297 | 29\% | 1,239 | 27\% | 1,215 | 24\% | 1,071 | 22\% |
| Massasoit | 28\% | 844 | 16\% | 980 | 18\% | 1,092 | 20\% | 1,116 | 21\% | 1,316 | 23\% | 1,372 | 23\% | 1,467 | 23\% |
| Middlesex | 17\% | 1,063 | 17\% | 1,184 | 18\% | 1,392 | 20\% | 1,579 | 22\% | 1,840 | 24\% | 1,916 | 24\% | 1,904 | 24\% |
| Mount Wachusett | 11\% | 339 | 11\% | 356 | 12\% | 396 | 13\% | 457 | 14\% | 392 | 12\% | 567 | 16\% | 585 | 16\% |
| North Shore | 31\% | 983 | 18\% | 1,067 | 18\% | 1,217 | 20\% | 1,252 | 21\% | 1,306 | 23\% | 1,490 | 24\% | 1,437 | 23\% |
| Northern Essex | 22\% | 1,163 | 24\% | 1,433 | 25\% | 1,643 | 27\% | 1,674 | 28\% | 1,783 | 29\% | 1,699 | 28\% | 1,712 | 30\% |
| Quinsigamond | 14\% | 807 | 18\% | 902 | 19\% | 1,067 | 21\% | 1,296 | 23\% | 1,443 | 24\% | 1,506 | 25\% | 1,378 | 24\% |
| Roxbury | 45\% | 1,733 | 91\% | 1,527 | 88\% | 1,628 | 91\% | 1,731 | 87\% | 1,583 | 89\% | 1,489 | 89\% | 1,486 | 92\% |
| STCC | 23\% | 1,307 | 23\% | 1,299 | 24\% | 1,273 | 25\% | 1,138 | 26\% | 1,735 | 29\% | 1,810 | 31\% | 1,856 | 33\% |
| Community Colleges | 16\% | 14,367 | 22\% | 15,286 | 23\% | 15,660 | 23\% | 17,315 | 25\% | 18,635 | 26\% | 19,636 | 26\% | 20,238 | 27\% |

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.
Institutional $80 \%$ draw communities are listed in Appendix C.

## Annual Financial Aid

## To be updated as soon as it is available

Financial Aid data for 2005 will be included as soon as it is available
Details related to the indicators and methodologies are still being finalized.

## Performance Accountability Objective: Student Access and Success

$\square$ Annual Credit Course Completion Rate
$\square$ Fall to Fall Persistence Rate
$\square$ Fall to Spring Persistence Rate
$\square$ Number of Annual Degrees and Certificates Awarded
$\square$ Nursing Exam Pass Rate

Annual Credit Course Completion Rate

|  | Fall 1997 | Fall 1998 | Fall 1999 | Fall 2000 | Fall 2001 | Fall 2002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | 74\% | 76\% | 79\% | 77\% | 77\% | 77\% |
| Bristol | 77\% | 77\% | 76\% | 78\% | 79\% | 79\% |
| Bunker Hill | 70\% | 81\% | 69\% | 70\% | 76\% | 72\% |
| Cape Cod | 87\% | 79\% | 80\% | 78\% | 80\% | 81\% |
| Greenfield | 79\% | 78\% | 79\% | 76\% | 76\% | 79\% |
| Holyoke | 76\% | 75\% | 77\% | 73\% | 74\% | 76\% |
| Mass Bay | 67\% | 69\% | 70\% | 70\% | 73\% | 72\% |
| Massasoit | 75\% | 75\% | 76\% | 76\% | 74\% | 77\% |
| Middlesex | 72\% | 74\% | 76\% | 76\% | 75\% | 74\% |
| Mt. Wachusett | 79\% | 78\% | 78\% | 79\% | 79\% | 81\% |
| North Shore | 76\% | 73\% | 76\% | 75\% | 75\% | 75\% |
| Northern Essex | 82\% | 83\% | 80\% | 75\% | 75\% | 76\% |
| Quinsigamond | 73\% | 80\% | 74\% | 74\% | 74\% | 75\% |
| Roxbury | 62\% | 71\% | 76\% | 57\% | 81\% | 74\% |
| Springfield Technical | 81\% | 80\% | 77\% | 79\% | 76\% | 77\% |
| Community College Average | 75\% | 77\% | 76\% | 74\% | 76\% | 76\% |


| Annual <br> FY 2003 | Annual <br> FY 2004 | Annual <br> FY 2005 |
| ---: | ---: | ---: |
| $77 \%$ | $77 \%$ | $77 \%$ |
| $77 \%$ | $77 \%$ | $79 \%$ |
| $74 \%$ | $76 \%$ | $74 \%$ |
| $75 \%$ | $74 \%$ | $78 \%$ |
| $85 \%$ | $82 \%$ | $82 \%$ |
| $76 \%$ | $77 \%$ | $77 \%$ |
| $73 \%$ | $74 \%$ | $76 \%$ |
| $76 \%$ | $78 \%$ | $76 \%$ |
| $74 \%$ | $75 \%$ | $75 \%$ |
| $81 \%$ | $81 \%$ | $80 \%$ |
| $75 \%$ | $74 \%$ | $74 \%$ |
| $76 \%$ | $77 \%$ | $76 \%$ |
| $76 \%$ | $77 \%$ | $76 \%$ |
| $75 \%$ | $79 \%$ | $78 \%$ |
| $77 \%$ | $78 \%$ | $78 \%$ |
| $76 \%$ | $\mathbf{7 7 \%} \%$ | $\mathbf{7 7 \%}$ |

Source (Pre-FY03): Campus Data provided by the Community College Executive Office
Source (FY03 and later): HEIRS Annual Course and Course Enrollment Files


First-Year Retention Rate (Fall-to-Fall) New First-Time, Full-Time Degree-Seeking Students

|  |  |  | $\begin{array}{\|c\|} \hline \text { Fall-2000 } \\ \text { Cohort } \\ \hline \end{array}$ | Fall-2001 Cohort | Fall-2002 Cohort | $\begin{gathered} \text { Fall-2003 } \\ \text { Cohort } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Community College | Berkshire Community College | Full-time First-time Degree-Seeking Students* | 297 | 309 | 308 | 295 |
|  |  | \# Returning to Same Institution | 167 | 178 | 196 | 181 |
|  |  | \% Returning to Same Institution | 56.2\% | 57.6\% | 63.6\% | 61.4\% |
|  | Bristol Community College | Full-time First-time Degree-Seeking Students* | 829 | 883 | 857 | 996 |
|  |  | \# Returning to Same Institution | 523 | 591 | 557 | 619 |
|  |  | \% Returning to Same Institution | 63.1\% | 66.9\% | 65.0\% | 62.1\% |
|  | Bunker Hill Community College | Full-time First-time Degree-Seeking Students* | 786 | 821 | 722 | 694 |
|  |  | \# Returning to Same Institution | 382 | 445 | 375 | 343 |
|  |  | \% Returning to Same Institution | 48.6\% | 54.2\% | 51.9\% | 49.4\% |
|  | Cape Cod Community College | Full-time First-time Degree-Seeking Students* | 465 | 442 | 369 | 520 |
|  |  | \# Returning to Same Institution | 241 | 227 | 201 | 289 |
|  |  | \% Returning to Same Institution | 51.8\% | 51.4\% | 54.5\% | 55.6\% |
|  | Greenfield Community College | Full-time First-time Degree-Seeking Students* | 274 | 266 | 262 | 244 |
|  |  | \# Returning to Same Institution | 163 | 143 | 152 | 144 |
|  |  | \% Returning to Same Institution | 59.5\% | 53.8\% | 58.0\% | 59.0\% |
|  | Holyoke Community College | Full-time First-time Degree-Seeking Students* | 983 | 1,000 | 1,140 | 1,128 |
|  |  | \# Returning to Same Institution | 574 | 561 | 685 | 681 |
|  |  | \% Returning to Same Institution | 58.4\% | 56.1\% | 60.1\% | 60.4\% |
|  | Mass Bay Community College | Full-time First-time Degree-Seeking Students* | 784 | 999 | 864 | 923 |
|  |  | \# Returning to Same Institution | 410 | 472 | 452 | 461 |
|  |  | \% Returning to Same Institution | 52.3\% | 47.2\% | 52.3\% | 49.9\% |
|  | Massasoit Community College | Full-time First-time Degree-Seeking Students* | 1,044 | 1,087 | 1,157 | 1,144 |
|  |  | \# Returning to Same Institution | 608 | 630 | 686 | 629 |
|  |  | \% Returning to Same Institution | 58.2\% | 58.0\% | 59.3\% | 55.0\% |
|  | Middlesex Community College | Full-time First-time Degree-Seeking Students* | 1,179 | 1,212 | 1,454 | 1,266 |
|  |  | \# Returning to Same Institution | 641 | 649 | 788 | 685 |
|  |  | \% Returning to Same Institution | 54.4\% | 53.5\% | 54.2\% | 54.1\% |
|  | Mt. Wachusett Community College* | Full-time First-time Degree-Seeking Students* | 569 | 786 | 1,187 | 611 |
|  |  | \# Returning to Same Institution | 302 | 385 | 609 | 308 |
|  |  | \% Returning to Same Institution | 53.1\% | 49.0\% | 51.3\% | 50.4\% |

First-Year Retention Rate (Fall-to-Fall)
New First-Time, Full-Time Degree-Seeking Students

|  |  |  | $\begin{array}{\|c\|} \hline \text { Fall-2000 } \\ \text { Cohort } \\ \hline \end{array}$ | $\begin{aligned} & \text { Fall-2001 } \\ & \text { Cohort } \end{aligned}$ | $\begin{array}{c\|} \hline \text { Fall-2002 } \\ \text { Cohort } \\ \hline \end{array}$ | $\begin{gathered} \hline \text { Fall-2003 } \\ \text { Cohort } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Community College | North Shore Community College | Full-time First-time Degree-Seeking Students* | 826 | 693 | 771 | 818 |
|  |  | \# Returning to Same Institution | 468 | 399 | 471 | 467 |
|  |  | \% Returning to Same Institution | 56.7\% | 57.6\% | 61.1\% | 57.1\% |
|  | Northern Essex Community College | Full-time First-time Degree-Seeking Students* | 910 | 644 | 692 | 623 |
|  |  | \# Returning to Same Institution | 559 | 357 | 389 | 352 |
|  |  | \% Returning to Same Institution | 61.4\% | 55.4\% | 56.2\% | 56.5\% |
|  | Quinsigamond Community College | Full-time First-time Degree-Seeking Students* | 652 | 881 | 895 | 858 |
|  |  | \# Returning to Same Institution | 399 | 527 | 563 | 479 |
|  |  | \% Returning to Same Institution | 61.2\% | 59.8\% | 62.9\% | 55.8\% |
|  | Roxbury Community College | Full-time First-time Degree-Seeking Students* | 417 | 465 | 382 | 300 |
|  |  | \# Returning to Same Institution | 222 | 233 | 160 | 139 |
|  |  | \% Returning to Same Institution | 53.2\% | 50.1\% | 41.9\% | 46.3\% |
|  | Springfield Technical Community College | Full-time First-time Degree-Seeking Students* | 1,100 | 1,086 | 812 | 791 |
|  |  | \# Returning to Same Institution | 616 | 666 | 488 | 452 |
|  |  | \% Returning to Same Institution | 56.0\% | 61.3\% | 60.1\% | 57.1\% |
|  | Community Colleges | Full-time First-time Degree-Seeking Students* | 11,115 | 11,574 | 11,872 | 11,211 |
|  |  | \# Returning to Same Institution | 6,275 | 6,463 | 6,772 | 6,229 |
|  |  | \% Returning to Same Institution | 56.5\% | 55.8\% | 57.0\% | 55.6\% |

*See Endnotes Section

* 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; Cohort is adjusted to eliminate students from the initial cohort who graduate prior to the next fall term (if any) and would not be expected to return; \# Returning is derived from matching Student SSN and Student ID in the following fall term HEIRS II Student file; \% Returning = \# Returning/Full-time First-time Degree-Seeking Students


## Fall to Spring Persistence Rate

Please Note: The Fall-to-Spring rate differs from the Fall-to-Fall persistence rates in that it is based on the fall cohort of students returning to the institution in the spring who initially enroll as degree-seeking, are not enrolled in ESL coursework in the fall, earn 9 or more credits in the fall, and haven't graduated prior to the spring term.

|  | Enrollment Status | Fall 2002 Cohort | Fall 2003 Cohort | Fall 2004 Cohort |
| :---: | :---: | :---: | :---: | :---: |
| Berkshire Community College | Total Cohort | 315 | 291 | 297 |
|  | \# Returning to Same Institution at Spring | 294 | 261 | 274 |
|  | \% Returning to Same Institution at Spring | 93.3\% | 89.7\% | 92.3\% |
| Bristol Community College | Total Cohort | 711 | 883 | 1,089 |
|  | \# Returning to Same Institution at Spring | 675 | 825 | 1,002 |
|  | \% Returning to Same Institution at Spring | 94.9\% | 93.4\% | 92.0\% |
| Bunker Hill Community College | Total Cohort | 509 | 631 | 680 |
|  | \# Returning to Same Institution at Spring | 461 | 572 | 617 |
|  | \% Returning to Same Institution at Spring | 90.6\% | 90.6\% | 90.7\% |
| Cape Cod Community College | Total Cohort | 295 | 449 | 393 |
|  | \# Returning to Same Institution at Spring | 262 | 406 | 348 |
|  | \% Returning to Same Institution at Spring | 88.8\% | 90.4\% | 88.5\% |
| Greenfield Community College | Total Cohort | 326 | 331 | 355 |
|  | \# Returning to Same Institution at Spring | 288 | 299 | 323 |
|  | \% Returning to Same Institution at Spring | 88.3\% | 90.3\% | 91.0\% |
| Holyoke Community College | Total Cohort | 1,024 | 1,008 | 760 |
|  | \# Returning to Same Institution at Spring | 947 | 933 | 697 |
|  | \% Returning to Same Institution at Spring | 92.5\% | 92.6\% | 91.7\% |
| Mass Bay Community College | Total Cohort | 743 | 768 | 746 |
|  | \# Returning to Same Institution at Spring | 653 | 686 | 663 |
|  | \% Returning to Same Institution at Spring | 87.9\% | 89.3\% | 88.9\% |
| Massasoit Community College | Total Cohort | 1,118 | 1,042 | 1,274 |
|  | \# Returning to Same Institution at Spring | 1,028 | 937 | 1,171 |
|  | \% Returning to Same Institution at Spring | 91.9\% | 89.9\% | 91.9\% |
| Middlesex Community College | Total Cohort | 1,455 | 1,265 | 1,170 |
|  | \# Returning to Same Institution at Spring | 1,318 | 1,136 | 1,073 |
|  | \% Returning to Same Institution at Spring | 90.6\% | 89.8\% | 91.7\% |
| Mt. Wachusett Community College | Total Cohort | 1,183 | 560 | 579 |
|  | \# Returning to Same Institution at Spring | 1,030 | 480 | 510 |
|  | \% Returning to Same Institution at Spring | 87.1\% | 85.7\% | 88.1\% |

## Fall to Spring Persistence Rate

Please Note: The Fall-to-Spring rate differs from the Fall-to-Fall persistence rates in that it is based on the fall cohort of students returning to the institution in the spring who initially enroll as degree-seeking, are not enrolled in ESL coursework in the fall, earn 9 or more credits in the fall, and haven't graduated prior to the spring term.

|  | Enrollment Status | Fall 2002 Cohort | Fall 2003 Cohort | Fall 2004 Cohort |
| :---: | :---: | :---: | :---: | :---: |
| North Shore Community College | Total Cohort | 855 | 882 | 1,002 |
|  | \# Returning to Same Institution at Spring | 766 | 797 | 901 |
|  | \% Returning to Same Institution at Spring | 89.6\% | 90.4\% | 89.9\% |
| Northern Essex Community College | Total Cohort | 560 | 485 | 455 |
|  | \# Returning to Same Institution at Spring | 508 | 445 | 428 |
|  | \% Returning to Same Institution at Spring | 90.7\% | 91.8\% | 94.1\% |
| Quinsigamond Community College | Total Cohort | 826 | 762 | 721 |
|  | \# Returning to Same Institution at Spring | 779 | 703 | 662 |
|  | \% Returning to Same Institution at Spring | 94.3\% | 92.3\% | 91.8\% |
| Roxbury Community College | Total Cohort | 268 | 258 | 218 |
|  | \# Returning to Same Institution at Spring | 239 | 211 | 185 |
|  | \% Returning to Same Institution at Spring | 89.2\% | 81.8\% | 84.9\% |
| Springfield Technical Community College | Total Cohort | 833 | 827 | 859 |
|  | \# Returning to Same Institution at Spring | 775 | 751 | 790 |
|  | \% Returning to Same Institution at Spring | 93.0\% | 90.8\% | 92.0\% |
| Community Colleges | Total Cohort | 11,021 | 10,442 | 10,598 |
|  | \# Returning to Same Institution at Spring \% Returning to Same Institution at Spring | $\begin{aligned} & 10,023 \\ & 90.9 \% \end{aligned}$ | $\begin{array}{r} 9,442 \\ 90.4 \% \end{array}$ | $\begin{array}{r} 9,644 \\ 91.0 \% \end{array}$ |

Source: HEIRS Fall Enrollment and Annual Enrollment Files

Number of Annual Degrees and Certificates Awarded

|  | Degree Level | FY 1995 | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | Certificate | 67 | 43 | 37 | 53 | 60 | 73 | 64 | 82 | 67 | 79 | 48 |
|  | Associate | 227 | 259 | 252 | 257 | 243 | 247 | 241 | 275 | 225 | 270 | 273 |
|  | Total | 294 | 302 | 289 | 310 | 303 | 320 | 305 | 357 | 292 | 349 | 321 |
| Bristol* | Certificate | 12 | 28 | 75 | 120 | 127 | 129 | 149 | 177 | 184 | 169 | 191 |
|  | Associate | 577 | 481 | 562 | 567 | 628 | 528 | 606 | 613 | 650 | 674 | 745 |
|  | Total | 589 | 509 | 637 | 687 | 755 | 657 | 755 | 790 | 834 | 843 | 936 |
| Bunker Hill | Certificate | 121 | 143 | 167 | 153 | 130 | 148 | 140 | 121 | 162 | 170 | 174 |
|  | Associate | 356 | 333 | 349 | 362 | 339 | 361 | 347 | 282 | 440 | 515 | 505 |
|  | Total | 477 | 476 | 516 | 515 | 469 | 509 | 487 | 403 | 602 | 685 | 679 |
| Cape Cod* | Certificate | 166 | 61 | 105 | 158 | 177 | 114 | 127 | 96 | 66 | 109 | 85 |
|  | Associate | 304 | 352 | 333 | 306 | 272 | 281 | 307 | 325 | 305 | 316 | 345 |
|  | Total | 470 | 413 | 438 | 464 | 449 | 395 | 434 | 421 | 371 | 425 | 430 |
| Greenfield | Certificate | 119 | 87 | 95 | 91 | 117 | 103 | 123 | 104 | 95 | 114 | 93 |
|  | Associate | 320 | 272 | 267 | 268 | 255 | 302 | 293 | 279 | 275 | 257 | 262 |
|  | Total | 439 | 359 | 362 | 359 | 372 | 405 | 416 | 383 | 370 | 371 | 355 |
| Holyoke | Certificate | 31 | 43 | 37 | 35 | 58 | 46 | 76 | 100 | 140 | 171 | 196 |
|  | Associate | 642 | 647 | 586 | 628 | 618 | 672 | 625 | 645 | 723 | 747 | 791 |
|  | Total | 673 | 690 | 623 | 663 | 676 | 718 | 701 | 745 | 863 | 918 | 987 |
| Mass Bay | Certificate | 134 | 112 | 144 | 151 | 127 | 183 | 195 | 177 | 175 | 195 | 256 |
|  | Associate | 390 | 455 | 455 | 413 | 437 | 465 | 399 | 405 | 387 | 460 | 420 |
|  | Total | 524 | 567 | 599 | 564 | 564 | 648 | 594 | 582 | 562 | 655 | 676 |
| Massasoit* | Certificate | 55 | 45 | 55 | 40 | 36 | 30 | 29 | 48 | 37 | 103 | 112 |
|  | Associate | 736 | 760 | 706 | 710 | 644 | 700 | 672 | 660 | 632 | 643 | 635 |
|  | Total | 791 | 805 | 761 | 750 | 680 | 730 | 701 | 708 | 669 | 746 | 747 |
| Middlesex | Certificate | 119 | 191 | 194 | 186 | 155 | 167 | 155 | 126 | 137 | 181 | 136 |
|  | Associate | 744 | 798 | 667 | 634 | 588 | 598 | 703 | 716 | 751 | 911 | 867 |
|  | Total | 881 | 1007 | 876 | 833 | 760 | 774 | 873 | 842 | 888 | 1,092 | 1,003 |
| Mt. Wachusett | Certificate | 143 | 137 | 142 | 133 | 125 | 97 | 139 | 102 | 113 | 160 | 202 |
|  | Associate | 536 | 373 | 409 | 383 | 415 | 393 | 385 | 379 | 381 | 387 | 442 |
|  | Total | 679 | 510 | 551 | 516 | 540 | 490 | 524 | 481 | 494 | 547 | 644 |
| North Shore | Certificate | 234 | 164 | 145 | 158 | 145 | 216 | 246 | 191 | 179 | 200 | 230 |
|  | Associate | 702 | 613 | 549 | 580 | 523 | 574 | 543 | 534 | 478 | 511 | 559 |
|  | Total | 936 | 777 | 694 | 738 | 668 | 790 | 789 | 725 | 657 | 711 | 789 |

Number of Annual Degrees and Certificates Awarded

|  | Degree Level | FY 1995 | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Northern Essex | Certificate | 258 | 242 | 214 | 204 | 220 | 181 | 184 | 263 | 245 | 242 | 224 |
|  | Associate | 540 | 543 | 531 | 478 | 459 | 405 | 423 | 483 | 526 | 523 | 615 |
|  | Total | 798 | 785 | 745 | 682 | 679 | 586 | 607 | 746 | 771 | 765 | 839 |
| Quinsigamond | Certificate | 143 | 135 | 136 | 160 | 116 | 126 | 162 | 173 | 178 | 182 | 147 |
|  | Associate | 585 | 560 | 551 | 518 | 503 | 528 | 500 | 497 | 531 | 548 | 579 |
|  | Total | 728 | 695 | 687 | 678 | 619 | 654 | 662 | 670 | 709 | 730 | 726 |
| Roxbury | Certificate | 2 | 0 | 32 | 22 | 16 | 7 | 5 | 23 | 23 | 51 | 39 |
|  | Associate | 15 | 100 | 135 | 157 | 111 | 124 | 171 | 190 | 153 | 192 | 190 |
|  | Total | 17 | 100 | 167 | 179 | 127 | 131 | 176 | 213 | 176 | 243 | 229 |
| Springfield Technical | Certificate | 48 | 41 | 42 | 164 | 193 | 135 | 132 | 147 | 146 | 155 | 145 |
|  | Associate | 685 | 732 | 703 | 688 | 727 | 736 | 743 | 656 | 727 | 716 | 765 |
|  | Total | 733 | 773 | 745 | 852 | 920 | 871 | 875 | 803 | 873 | 871 | 910 |
| Community College Total | Certificate | 1652 | 1472 | 1,620 | 1,828 | 1,802 | 1,755 | 1,926 | 1,930 | 1,947 | 2,281 | 2,278 |
|  | Associate | 7359 | 7278 | 7,055 | 6,949 | 6,762 | 6,914 | 6,958 | 6,939 | 7,184 | 7,670 | 7,993 |
|  | Total | 9,029 | 8768 | 8,690 | 8,790 | 8,581 | 8,678 | 8,899 | 8,869 | 9,131 | 9,951 | 10,271 |

Source: HEIRS Degrees File

Note: Degrees conferred data in HEIRS was cleaned in 2005 to remove occurrences of duplicate degrees reported in multiple years. Because of this process, some institutions' data is slightly different for earlier years. *See Endnotes Section

# Nursing Exam Pass Rate 

(RN exam only)

|  | First-time Test Takers | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | \# examined | 38 | 37 | 33 | 34 | 49 | 29 | 40 |
|  | \# passing | 34 | 34 | 28 | 27 | 47 | 27 | 30 |
|  | pass rate | 89.5\% | 91.9\% | 84.8\% | 79.4\% | 95.9\% | 93.1\% | 75.0\% |
| Bristol | \# examined | 52 | 63 | 43 | 35 | 42 | 45 | 60 |
|  | \# passing | 50 | 59 | 41 | 34 | 42 | 45 | 52 |
|  | pass rate | 96.2\% | 93.7\% | 95.3\% | 97.1\% | 100.0\% | 100.0\% | 86.7\% |
| Bunker Hill | \# examined | 40 | 47 | 41 | 36 | 29 | 34 | 34 |
|  | \# passing | 29 | 33 | 25 | 30 | 27 | 32 | 28 |
|  | pass rate | 72.5\% | 70.2\% | 61.0\% | 83.3\% | 93.1\% | 94.1\% | 82.4\% |
| Cape Cod | \# examined | 62 | 63 | 58 | 49 | 50 | 59 | 82 |
|  | \# passing | 58 | 54 | 42 | 44 | 45 | 50 | 68 |
|  | pass rate | 93.5\% | 85.7\% | 72.4\% | 89.8\% | 90.0\% | 84.7\% | 82.9\% |
| Greenfield | \# examined | 40 | 35 | 32 | 34 | 24 | 31 | 33 |
|  | \# passing | 33 | 32 | 29 | 27 | 24 | 30 | 30 |
|  | pass rate | 82.5\% | 91.4\% | 90.6\% | 79.4\% | 100.0\% | 96.8\% | 90.9\% |
| Holyoke | \# examined | 33 | 40 | 27 | 37 | 32 | 49 | 45 |
|  | \# passing | 30 | 36 | 20 | 32 | 24 | 40 | 37 |
|  | pass rate | 90.9\% | 90.0\% | 74.1\% | 86.5\% | 75.0\% | 81.6\% | 82.2\% |
| Mass Bay | \# examined | 104 | 93 | 87 | 74 | 88 | 104 | 108 |
|  | \# passing | 82 | 79 | 76 | 68 | 80 | 86 | 92 |
|  | pass rate | 78.8\% | 84.9\% | 87.4\% | 91.9\% | 90.9\% | 82.7\% | 85.2\% |
| Massasoit | \# examined | 59 | 53 | 54 | 58 | 53 | 54 | 56 |
|  | \# passing | 47 | 45 | 46 | 41 | 46 | 50 | 49 |
|  | pass rate | 79.7\% | 84.9\% | 85.2\% | 70.7\% | 86.8\% | 92.6\% | 87.5\% |
| Middlesex | \# examined | 46 | 37 | 42 | 27 | 42 | 37 | 53 |
|  | \# passing | 40 | 32 | 37 | 23 | 38 | 33 | 46 |
|  | pass rate | 87.0\% | 86.5\% | 88.1\% | 85.2\% | 90.5\% | 89.2\% | 86.8\% |
| Mt. Wachusett | \# examined | 53 | 41 | 36 | 38 | 53 | 56 | 74 |
|  | \# passing | 50 | 40 | 28 | 38 | 52 | 50 | 63 |
|  | pass rate | 94.3\% | 97.6\% | 77.8\% | 100.0\% | 98.1\% | 89.3\% | 85.1\% |
| North Shore | \# examined | 57 | 50 | 50 | 52 | 55 | 55 | 57 |
|  | \# passing | 50 | 44 | 44 | 44 | 48 | 48 | 55 |
|  | pass rate | 87.7\% | 88.0\% | 88.0\% | 84.6\% | 87.3\% | 87.3\% | 96.5\% |
| Northern Essex | \# examined | 114 | 77 | 79 | 54 | 57 | 51 | 59 |
|  | \# passing | 100 | 63 | 72 | 47 | 48 | 48 | 50 |
|  | pass rate | 87.7\% | 81.8\% | 91.1\% | 87.0\% | 84.2\% | 94.1\% | 84.7\% |

## Nursing Exam Pass Rate

(RN exam only)

|  | First-time Test Takers | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quinsigamond | \# examined | 63 | 49 | 59 | 49 | 61 | 59 | 64 |
|  | \# passing | 63 | 48 | 59 | 49 | 59 | 54 | 55 |
|  | pass rate | 100.0\% | 98.0\% | 100.0\% | 100.0\% | 96.7\% | 91.5\% | 85.9\% |
| Roxbury | \# examined | 20 | 26 | 21 | 20 | 24 | 25 | 27 |
|  | \# passing | 17 | 19 | 15 | 16 | 19 | 22 | 15 |
|  | pass rate | 85.0\% | 73.1\% | 71.4\% | 80.0\% | 79.2\% | 88.0\% | 55.6\% |
| Springfield Technical | \# examined | 57 | 50 | 57 | 47 | 35 | 41 | 61 |
|  | \# passing | 54 | 46 | 46 | 39 | 29 | 34 | 49 |
|  | pass rate | 94.7\% | 92.0\% | 80.7\% | 83.0\% | 82.9\% | 82.9\% | 80.3\% |
| Community College Total | \# examined | 838 | 761 | 719 | 644 | 694 | 729 | 853 |
|  | \# passing | 737 | 664 | 608 | 559 | 628 | 649 | 719 |
|  | pass rate | 88\% | 87\% | 85\% | 87\% | 90\% | 89\% | 84\% |
| State RN pass rate at |  |  |  |  |  |  |  |  |
| Associate Level (first time) |  | 86\% | 85\% | 84\% | 85\% | 87\% | 88\% | 86\% |
| National RN Pass Rate at |  |  |  |  |  |  |  |  |
| Associate Level (first time) |  | 85\% | 85\% | 84\% | 86\% | 87\% | 87\% | 85\% |

Source: Massachusetts Board of Registration in Nursing, National Council of State Boards of Nursing
*The questions on the NCLEX exam increased in difficulty in 2004 and a higher passing standard was instituted. These changes are reflected in the slight decline in passing scores from 2003 to 2004

# Performance Accountability Objective: Meet Regional Economic and Workforce Development Needs 

$\square$ Annual Number of Not-for-Credit Workforce Development/Job Skills Courses Offered
$\square$ Annual Enrollment in Not-for-Credit Workforce Development Courses

## Annual Number of Not-for-Credit Workforce Development/Job Skills Training Courses

|  | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Berkshire | 153 | 160 | 151 | 242 | 270 | 277 |
| Bristol | 312 | 629 | 728 | 568 | 659 | 706 |
| Bunker Hill | 124 | 215 | 249 | 214 | 277 | 214 |
| Cape Cod | 98 | 137 | 110 | 139 | 134 | 135 |
| Greenfield | 184 | 167 | 149 | 214 | 290 | 315 |
| Holyoke | 282 | 227 | 448 | 413 | 336 | 249 |
| Mass Bay** | 317 | 362 | 333 | 323 | 179 | 277 |
| Massasoit | 330 | 325 | 341 | 246 | 249 | 382 |
| Middlesex* | 694 | 932 | 2,004 | 2,279 | 2,018 | 1,989 |
| Mt. Wachusett* | 287 | 363 | 216 | 261 | 224 | 347 |
| North Shore | 591 | 623 | 520 | 703 | 707 | 716 |
| Northern Essex** | 1,002 | 1,049 | 1,279 | 981 | 1,067 | 576 |
| Quinsigamond* | 79 | 140 | 427 | 32 | 382 | 13 |
| Roxbury | 17 | 17 | 23 | 45 | 69 | 94 |
| Springfield Technical | 550 | 578 | 420 | 381 | 499 | 506 |
| Community Colleges | $\mathbf{5 , 0 2 0}$ | $\mathbf{5 , 9 2 4}$ | $\mathbf{7 , 3 9 8}$ | $\mathbf{7 , 0 4 1}$ | $\mathbf{6 , 8 3 6}$ | $\mathbf{6 , 7 9 6}$ |

Source: 1997-2003 Campus Data provided by the Community College Executive Office;
2004 data from HEIRS, based on Non-Credit course data coded as Workforce Development or CEU/PDP;
2004 data for Cape Cod, Mass Bay, Quinsigamond and Roxbury was self-reported;
2005 data from HEIRS, based on Non-Credit course data coded as Workforce Development or CEU/PDP;
*FY 2003 Data for Mt. Wachusett, Middlesex and Quinsigamond are from HEIRS
**See endnotes section

Annual Enrollment in Not-for-Credit Workforce Development

|  | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | 1,024 | 1,059 | 1,211 | 1,063 | 1,297 | 1,444 |
| Bristol | 8,091 | 9,712 | 7,960 | 8,195 | 9,517 | 9,931 |
| Bunker Hill | 2,111 | 3,974 | 3,075 | 3,701 | 4,039 | 3,106 |
| Cape Cod | 1,535 | 1,871 | 1,676 | 1,837 | 1,831 | 1,898 |
| Greenfield | 1,307 | 1,229 | 1,098 | 1,460 | 1,533 | 1,580 |
| Holyoke | 1,302 | 2,205 | 3,101 | 3,923 | 3,827 | 2,792 |
| Mass Bay** | 3,168 | 1,957 | 1,070 | 1,881 | 2,241 | 2,219 |
| Massasoit | 3,644 | 3,693 | 3,387 | 2,864 | 2,901 | 3,705 |
| Middlesex* | 7,865 | 11,234 | 15,958 | 24,588 | 22,611 | 18,065 |
| Mt. Wachusett* | 3,321 | 2,854 | 1,651 | 3,261 | 3,480 | 4,125 |
| North Shore | 6,291 | 5,134 | 3,882 | 4,763 | 4,643 | 5,197 |
| Northern Essex** | 8,191 | 9,716 | 3,967 | 5,219 | 14,074 | 10,666 |
| Quinsigamond* | 1,119 | 2,496 | 2,382 | 330 | 1,723 | 136 |
| Roxbury | 706 | 706 | 982 | 180 | 1,384 | 981 |
| Springfield Technical | 5,794 | 5,872 | 5,657 | 3,153 | 4,079 | 4,294 |
| Community Colleges | 55,469 | 63,712 | 57,057 | 66,418 | 79,180 | 70,139 |

Source: 1997-2003 Campus Data provided by the Community College Executive Office;
2004 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 data from HEIRS, based on Non-Credit course data coded as Workforce Development or CEU/PDP;
*FY 2003 Data for Mt. Wachusett, Middlesex and Quinsigamond are from HEIRS;
** See section endnotes

# Performance Accountability Objective: Cost Effective Use of Resources 

$\square$ Capital Adaptation and Renewal
$\square$ Institutional Support Costs Compared to Peer Average

## Capital Adaptation and Renewal

|  | FY 1998 | FY 1999 | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | Three-year Rolling Avg FY 2002 to FY 2004 | Three-year Rolling Avg FY 2003 to FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | 0.9\% | 6.0\% | 5.7\% | 7.8\% | 5.5\% | 5.6\% | 4.4\% | 1.8\% | 5.2\% | 3.9\% |
| Bristol* | 2.8\% | 4.7\% | 4.9\% | 5.3\% | 4.7\% | 5.3\% | 5.3\% | 7.3\% | 5.1\% | 6.0\% |
| Bunker Hill* | 1.2\% | 3.3\% | 6.4\% | 5.4\% | 5.6\% | 6.2\% | 5.9\% | 11.0\% | 5.9\% | 7.8\% |
| Cape Cod | 1.8\% | 4.7\% | 5.1\% | 5.0\% | 6.1\% | 6.9\% | 5.2\% | 5.3\% | 6.1\% | 5.8\% |
| Greenfield* | 0.0\% | 1.3\% | 3.7\% | 1.5\% | 1.7\% | 13.6\% | 1.4\% | 3.3\% | 5.5\% | 6.0\% |
| Holyoke* | 4.6\% | 4.8\% | 4.7\% | 5.6\% | 2.8\% | 5.4\% | 5.6\% | 7.3\% | 4.6\% | 6.1\% |
| Mass Bay* | 4.0\% | 4.6\% | 4.6\% | 5.6\% | 8.0\% | 17.3\% | 14.4\% | 3.2\% | 13.4\% | 11.6\% |
| Massasoit* | 4.1\% | 8.9\% | 4.7\% | 4.4\% | 2.8\% | 5.3\% | 5.2\% | 5.2\% | 4.4\% | 5.2\% |
| Middlesex* | 4.1\% | 4.4\% | 4.9\% | 5.0\% | 5.9\% | 8.8\% | 35.6\% | 6.5\% | 18.0\% | 17.4\% |
| Mt. Wachusett | 5.3\% | 6.0\% | 7.9\% | 7.3\% | 5.4\% | 13.5\% | 16.0\% | 6.8\% | 11.7\% | 11.9\% |
| North Shore | 5.8\% | 5.8\% | 5.2\% | 7.0\% | 5.7\% | 9.7\% | 5.3\% | 6.0\% | 6.9\% | 7.0\% |
| Northern Essex | 7.4\% | 7.1\% | 5.3\% | 6.7\% | 5.8\% | 5.2\% | 5.2\% | 33.7\% | 5.4\% | 14.0\% |
| Quinsigamond | 4.3\% | 5.2\% | 7.2\% | 5.5\% | 9.6\% | 11.3\% | 5.2\% | 6.5\% | 8.5\% | 7.5\% |
| Roxbury | 6.0\% | 4.1\% | 3.3\% | 5.2\% | 4.6\% | 5.7\% | 1.9\% | 4.7\% | 3.9\% | 4.2\% |
| Springfield Technical* | 4.1\% | 5.7\% | 6.2\% | 5.2\% | 5.5\% | 4.5\% | 11.2\% | 20.8\% | 7.0\% | 12.2\% |

Source: Institutional Budget Worksheets
*Notes: Bunker Hill spent below policy in FY 1999 due to delay of projects that extended into FY2000.
Greenfield received waivers from FY2000 to FY2004 due to campus-wide renovation
Bristol, Holyoke, Massasoit and Middlesex received waivers for FY2002.
Mass Bay and Springfield received waivers for FY2003.

| Board Policy for Capital Adaptation and Renewal | The three-year rolling average percentage spent on capital adaptation and renewal can be no less than: |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY98 | FY99 | FY00 | FY01 | FY02 | FY03 | FY04 | FY05 |
|  | 3.0\% | 4.0\% | 4.5\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% |

Institutional Support Costs per Fall Headcount Compared to Peer Average

|  | FY 1998 |  | FY 1999 |  | FY 2000 |  | FY 2001 |  | FY 2002 |  | FY 2003** |  | FY 2004** |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Unrestricted Institutional Support per Fall Headcount | Target - No More than Peer <br> Average + 10\% | Unrestricted Institutional Support per Fall Headcount | Target - No More than Peer Average + 10\% | Total Institutional Support per Fall Headcount | Target - No More than Peer <br> Average + 10\% | Total Institutional Support per Fall Headcount | Target - No More than Peer Average | Total Institutional Support per Fall Headcount | Target - No More than Peer Average | Total Institutional Support per Fall Headcount | Target - No More than Peer Average | Total Institutional Support per Fall Headcount | Target - No More than Peer Average |
| Berkshire | \$1,006 | \$832 | \$782 | \$874 | \$1,490 | \$1,150 | \$1,213 | \$1,089 | \$853 | \$1,096 | \$1,169 | \$836 | \$926 | \$864 |
| Bristol | \$577 | \$930 | \$694 | \$986 | \$773 | \$1,105 | \$782 | \$973 | \$747 | \$1,068 | \$727 | \$1,020 | \$731 | \$1,020 |
| Bunker Hill | \$711 | \$999 | \$733 | \$1,186 | \$589 | \$1,327 | \$721 | \$1,028 | \$663 | \$1,223 | \$616 | \$1,579 | \$678 | \$734 |
| Cape Cod | \$602 | \$1,028 | \$612 | \$1,099 | \$582 | \$1,137 | \$650 | \$1,013 | \$491 | \$1,019 | \$607 | \$766 | \$565 | \$809 |
| Greenfield | \$900 | \$890 | \$1,096 | \$953 | \$976 | \$1,152 | \$1,148 | \$1,029 | \$1,070 | \$1,210 | \$871 | \$1,189 | \$1,024 | \$1,098 |
| Holyoke | \$787 | \$897 | \$746 | \$959 | \$902 | \$1,044 | \$815 | \$1,038 | \$810 | \$1,045 | \$836 | \$988 | \$863 | \$979 |
| Mass Bay* | \$529 | \$714 | \$455 | \$773 | \$834 | \$809 | \$923 | \$759 | \$874 | \$770 | \$1,052 | \$753 | \$871 | \$772 |
| Massasoit | \$694 | \$1,003 | \$810 | \$1,129 | \$779 | \$1,183 | \$807 | \$1,213 | \$867 | \$1,200 | \$825 | \$1,107 | \$640 | \$1,100 |
| Middlesex | \$681 | \$1,031 | \$677 | \$1,094 | \$728 | \$1,167 | \$807 | \$1,148 | \$773 | \$1,087 | \$752 | \$1,027 | \$771 | \$1,110 |
| Mt. Wachusett | \$812 | \$869 | \$921 | \$939 | \$835 | \$1,063 | \$931 | \$968 | \$731 | \$998 | \$680 | \$925 | \$701 | \$927 |
| North Shore* | \$897 | \$951 | \$907 | \$1,045 | \$1,139 | \$1,103 | \$1,181 | \$956 | \$1,025 | \$1,010 | \$871 | \$837 | \$779 | \$949 |
| Northern Essex | \$733 | \$897 | \$781 | \$914 | \$805 | \$1,209 | \$820 | \$973 | \$738 | \$990 | \$743 | \$920 | \$887 | \$1,072 |
| Quinsigamond | \$728 | \$906 | \$710 | \$942 | \$783 | \$1,086 | \$860 | \$994 | \$658 | \$939 | \$580 | \$728 | \$577 | \$753 |
| Roxbury | \$809 | \$1,301 | \$974 | \$1,465 | \$1,045 | \$1,718 | \$1,096 | \$1,433 | \$1,175 | \$1,392 | \$1,000 | \$1,336 | \$1,070 | \$1,393 |
| Springfield Tech | \$752 | \$951 | \$794 | \$820 | \$902 | \$939 | \$941 | \$852 | \$837 | \$852 | \$652 | \$980 | \$841 | \$982 |

Source: IPEDS Finance, Institutional Characteristics and Enrollment Survey
** New Peers (established Aug 04) used.
Starting in FY 2001 the BHE Policy on institutional support changed from "no more than $10 \%$ greater than peer average" to "no greater than peer average."
Institutional Support Costs as a Percentage of Total Educational and General Expenditures Compared to Peer Average
(Institutional Support as a Percentage of Total Education and General Expenditures)

|  | FY 1998 |  | FY 1999 |  | FY 2000 |  | FY 2001 |  | FY 2002 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% Institutional Support Cost | Peer Avg. | \% <br> Institutional Support Cost | Peer Avg. | $\begin{array}{\|c\|} \hline \% \\ \text { Institutional } \\ \text { Support Cost } \\ \hline \end{array}$ | Peer Avg. | \% Institutional Support Cost | Peer Avg. | $\begin{array}{\|c\|} \hline \% \\ \text { Institutional } \\ \text { Support Cost } \end{array}$ | Peer Avg. |
| Berkshire | 15.8\% | 18.8\% | 12.8\% | 18.5\% | 21.1\% | 20.4\% | 16.2\% | 20.5\% | 11.4\% | 19.5\% |
| Bristol | 14.5\% | 20.4\% | 15.5\% | 17.8\% | 16.6\% | 17.7\% | 14.5\% | 17.1\% | 14.7\% | 18.5\% |
| Bunker Hill | 16.7\% | 19.5\% | 16.8\% | 19.9\% | 12.3\% | 20.3\% | 12.4\% | 16.3\% | 12.6\% | 19.2\% |
| Cape Cod | 12.0\% | 19.7\% | 11.7\% | 19.7\% | 11.8\% | 19.4\% | 11.7\% | 18.9\% | 12.0\% | 19.2\% |
| Greenfield | 16.1\% | 17.0\% | 10.5\% | 9.9\% | 16.3\% | 18.7\% | 15.9\% | 18.3\% | 16.5\% | 20.5\% |
| Holyoke | 17.8\% | 17.4\% | 16.7\% | 18.5\% | 16.4\% | 18.0\% | 14.3\% | 18.3\% | 15.2\% | 19.1\% |
| Mass Bay | 12.3\% | 14.8\% | 9.4\% | 15.4\% | 15.9\% | 14.9\% | 14.3\% | 14.8\% | 17.0\% | 15.1\% |
| Massasoit | 14.4\% | 18.4\% | 15.0\% | 19.5\% | 17.2\% | 18.0\% | 14.8\% | 18.6\% | 16.9\% | 18.0\% |
| Middlesex | 12.4\% | 19.9\% | 13.1\% | 20.4\% | 13.1\% | 20.2\% | 14.3\% | 20.3\% | 13.6\% | 18.6\% |
| Mount Wachusett | 11.5\% | 17.2\% | 15.4\% | 16.9\% | 13.2\% | 17.5\% | 12.9\% | 16.6\% | 11.1\% | 17.4\% |
| North Shore | 16.5\% | 20.4\% | 17.1\% | 18.3\% | 19.0\% | 17.9\% | 18.3\% | 16.0\% | 16.7\% | 16.5\% |
| Northern Essex | 15.5\% | 19.9\% | 15.4\% | 19.4\% | 15.7\% | 21.1\% | 16.5\% | 18.2\% | 15.1\% | 18.2\% |
| Quinsigamond | 16.7\% | 17.8\% | 17.2\% | 17.8\% | 17.7\% | 18.4\% | 17.1\% | 17.1\% | 13.3\% | 17.0\% |
| Roxbury | 10.7\% | 22.8\% | 13.1\% | 23.5\% | 13.7\% | 24.6\% | 14.5\% | 22.2\% | 15.8\% | 20.2\% |
| Springfield Tech | 15.1\% | 18.1\% | 15.9\% | 18.1\% | 15.0\% | 17.7\% | 14.3\% | 17.3\% | 13.0\% | 17.7\% |


| FY 2003** |  | FY 2004** |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| \% |  |  |  |  |
| Institutional |  | Institutional |  |  |
| Support Cost | Peer Avg. |  |  |  |
| $15.3 \%$ | $14.9 \%$ | $13.9 \%$ | $15.4 \%$ |  |
| $14.5 \%$ | $19.2 \%$ | $14.2 \%$ | $18.6 \%$ |  |
| $12.3 \%$ | $17.9 \%$ | $12.9 \%$ | $17.5 \%$ |  |
| $11.6 \%$ | $14.8 \%$ | $11.5 \%$ | $14.9 \%$ |  |
| $12.7 \%$ | $16.9 \%$ | $15.3 \%$ | $15.9 \%$ |  |
| $15.9 \%$ | $19.1 \%$ | $16.8 \%$ | $18.4 \%$ |  |
| $19.8 \%$ | $15.0 \%$ | $17.1 \%$ | $15.5 \%$ |  |
| $17.0 \%$ | $18.3 \%$ | $12.6 \%$ | $18.1 \%$ |  |
| $14.0 \%$ | $17.1 \%$ | $14.6 \%$ | $18.5 \%$ |  |
| $11.2 \%$ | $16.2 \%$ | $11.4 \%$ | $16.7 \%$ |  |
| $14.8 \%$ | $15.9 \%$ | $14.2 \%$ | $17.4 \%$ |  |
| $15.9 \%$ | $18.0 \%$ | $16.2 \%$ | $19.2 \%$ |  |
| $13.1 \%$ | $16.3 \%$ | $12.2 \%$ | $16.7 \%$ |  |
| $13.5 \%$ | $20.1 \%$ | $13.8 \%$ | $21.4 \%$ |  |
| $10.8 \%$ | $13.9 \%$ | $13.4 \%$ | $13.7 \%$ |  |

Source: IPEDS Finance Survey
** New Peers (established Aug 04) used.
*See Endnotes Section

## Performance Accountability Objective: Fundraising

$\square$ Total Private Funds Received at Both the Institution and the Foundation

## Total Private Funds Received <br> (Institution and Foundation)

|  | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: |
| Berkshire | \$122,830 | \$55,814 | \$43,016 | \$223,859 |
| Bristol | \$698,982 | \$754,550 | \$740,348 | \$636,225 |
| Bunker Hill | \$90,255 | \$173,805 | \$179,614 | \$209,049 |
| Cape Cod | \$2,056,023 | \$3,232,072 | \$917,531 | \$1,237,857 |
| Greenfield | \$170,553 | \$217,221 | \$227,278 | \$506,785 |
| Holyoke | \$481,889 | \$806,818 | \$1,592,664 | \$145,636 |
| Mass Bay | \$299,315 | \$426,928 | \$59,869 | \$179,352 |
| Massasoit | \$78,495 | \$79,638 | \$87,658 | \$102,690 |
| Middlesex | \$481,926 | \$171,327 | \$369,621 | \$342,277 |
| Mt. Wachusett* | \$15,680 | \$182,061 | \$802,715 | \$1,663,464 |
| North Shore | \$613,001 | \$400,145 | \$514,228 | \$671,119 |
| Northern Essex* | \$386,604 | \$1,225,290 | \$1,188,868 | \$1,101,550 |
| Quinsigamond | \$1,572,590 | \$632,759 | \$896,480 | \$1,438,791 |
| Roxbury* | NA | \$282,540 | \$61,354 | \$198,200 |
| Springfield Technical | \$1,413,077 | \$847,648 | \$767,729 | \$1,035,650 |
| Community College Total | \$8,481,220 | \$9,488,616 | \$8,448,973 | \$9,692,504 |

Source: Institutional Budget Worksheets

* See Endnotes Section

NA = Data not submitted

Endnotes

## Performance Accountability Objective: Access \& Affordability

## Annual Unduplicated Credit Headcount

## Berkshire

Between 1999-2000 and 2001-2002 BCC experienced a decline in headcount. Three factors contributed to the enrollment trend for these years:

1. Beginning in 1999-2000, BCC eliminated one cycle of its federally funded CASS program leading to a loss of 21 international students in the annual headcount.
2. During the interval between 2000-2001 and 2001-2002, Berkshire County's pool of traditional college bound students declined by over $6.3 \%$.
3. A significant economic decline in the region coupled with industry downsizing and/or closings contributed to a loss of non-traditional student enrollment during this same two-year period. While the annual data presented is accurate, because the forces influencing enrollment were unanticipated and unique, it does not adequately reflect performance.

## Annual Unduplicated Credit Headcount

## Cape Cod

Prior to 2001-2002, Cape Cod reported to IPEDS an annual unduplicated credit headcount which excluded any student enrolled only in developmental education (remedial education) courses, which do not satisfy general education or degree requirements, but do carry institutional credit. The 20012002 count includes such students. This change should be noted when comparing Cape Cod's FY2002 headcount with prior years

## Annual Unduplicated Credit Headcount / Annual FTE Enrollment

North Shore
Starting in FY 2000 North Shore absorbed six Certificate programs and nine Associates in Applied Science Programs that had previously been offered at Essex Agricultural and Technical Institute.

## Annual Unduplicated Credit Headcount / Annual FTE Enrollment

## Quinsigamond

In FY 2000 Quinsigamond absorbed four certificate programs and seven Associate of Science programs that had previously been offered at Worcester Technical Institute.

## Fall Unduplicated Credit Headcount

## Berkshire

The substantial decline in fall enrollment statistics for 2001 and 2002 resulted from the same factors influencing the college's annual enrollment data for this same time period

## Fall Unduplicated Credit Headcount

## Bristol

A review of enrollment and completions data revealed two minor discrepancies. First, the Fall 2001 enrollment figure was 6,124. A review of the Fall 2001 data demonstrated that the HEIRS file had 6,130 students and the IPEDS file had 6,132 . The final approved figure (HEIRS sign-off) was 6,130 . Six students who had originally shown in the HEIRS file as having zero credits actually had credits and should appear in the linear trend analysis

## Fall Unduplicated Credit Headcount / Fall FTE Enrollment

## North Shore

Starting in FY 2000 North Shore absorbed six Certificate programs and nine Associates in Applied Science Programs that had previously been offered at Essex Agricultural and Technical Institute.

## Performance Accountability Objective: Access \& Affordability

## Fall Unduplicated Credit Headcount / Fall FTE Enrollment

## Quinsigamond

In FY 2000 Quinsigamond absorbed four certificate programs and seven Associate of Science programs that had previously been offered at Worcester Technical Institute.

## Total Student Charges as Percent of State Median Household Income

Greenfield
Although Greenfield Community College data reflect an increase in charges for 1997 compared to 2002, GCC student charges as a percent of state median income has actually decreased.

## Performance Accountability Objective: Student Access \& Success

## Fall to Fall Persistence Rate

## Mount Wachusett

Mount Wachusett Community College's fall 2002 cohort used for persistence analysis is inaccurate due to a logic error discovered in the HEIRS extract program used to produce the file for submission. This logic error has been corrected but the college is unable to accurately recreate the cohort from historic records. Thus, MWCC's cohort count used for this analysis is overstated.

## Degrees and Certificates Awarded <br> Bristol

The number of FY 1997 graduates reported in the trend book is 637. The College's IPEDS report contains 647 graduates. HEIRS I was converted to HEIRS II between 1997 and 1998, and it is possible that the conversion with its accompanying edit checks resulted in this slight change.

## Degrees and Certificates Awarded

## Cape Cod

For FY2002, Cape Cod ceased matriculating Certified Nurse Aide students and ceased awarding formal certificates to Certified Nurse Aide students who successfully completed the seven credit course of study. Students completed the course of study and were positively placed, but did not receive certificates. This change is reflected in the decrease in the number of total certificates ( 96 certificates) reported to IPEDS for FY2002, compared to FY2001 (127 certificates) and prior years. For FY2001, 36 Nurse Assistant/Aide certificates were conferred. For FY2002, none were conferred. Therefore, Cape Cod's \# and \% Change FY97-FY02 for Certificates and Degrees should be viewed in the light of this change in practice

## Degrees and Certificates Awarded

## Massasoit

Massasoit began tracking completers of short-term certificates (fewer than 30 credits) in FY04. Certificates reported prior to FY04 include only those who earned a board-certified award (30 or more credits).

## Performance Accountability Objective: Meet Regional and Workforce Development Needs

## Annual Number of Not-for-credit Workforce Development/Job Skill Training Courses

## Annual Enrollment in Not-for-credit Workforce Development Courses Northern Essex Community College

In FY00 and FY01, NECC had large enrollments and course loads through its delivery of in-plant and pre-employment courses for Lucent
Technologies (pre-employment training alone accounted for hundreds of courses and enrollments in excess of 8,500 during those two years).
The FY00-02 period saw a growth of training programs through the WTF, thus offsetting some of the drop in totals for FY02 caused by the loss of Lucent and the effects of $9 / 11$ on contractual training.

FY03 saw a decline in WTF activity and a continued lack of corporate contractual training, although enrollment was up, in part due to individuals enrolling in our Continuing Ed workforce development programs and the HRD programs. In addition the reorganization of CES in FY03 resulted in a streamlining of the number of workforce development courses offered through that area of the college in order to reduce program costs and improve cancellation rates.

## Annual Number of Not-for-credit Workforce Development/Job Skill Training Courses

## Annual Enrollment in Not-for-credit Workforce Development Courses

## Mass Bay Community College

Mass Bay Community College's FY 2002 data both courses and enrollment are incomplete but the College is unable to reconstruct the correct numbers with verifiable records.

## Performance Accountability Objective: Fundraising

## Total Private Funds Received

## Mount Wachusett

Mount Wachusett only reported restricted funds when it submitted budget worksheets. The correct amount of total private funds received is $\$ 149,419$.

## Total Private Funds Received Northern Essex

For FY 2002, Northern Essex only reported numbers listed in its annual gift campaign when submitted budget worksheets. The correct amount of total private funds received is $\$ 998,657$.

## Total Private Funds Received - Independent financial audit

## Roxbury

The Fiscal Year 2002 Independent Audit for Roxbury Community has not yet been completed. As a result, certain FY 2002 fiscal data for Roxbury Community College does not currently exist, and "NA" is assigned to these categories

## APPENDIX A

## Fall Unduplicated Credit Headcount

## Northern Essex

Northern Essex did not accurately report data to IPEDS for Fall 1991 and Fall 1992. Fall 1991 enrollment was 6,679 and Fall 1992 6,867.

## Degrees Conferred

## Cape Cod

For FY2002, Cape Cod ceased matriculating Certified Nurse Aide students and ceased awarding formal certificates to Certified Nurse Aide students who successfully completed the seven credit course of study. Students completed the course of study and were positively placed, but did not receive certificates. This change is reflected in the decrease in the number of total certificates ( 96 certificates) reported to IPEDS for FY2002, compared to FY2001 (127 certificates) and prior years. For FY2001, 36 Nurse Assistant/Aide certificates were conferred. For FY2002, none were conferred. The FY1997-FY2002 \# Change (-60) and \% Change ( $-12.5 \%$ ) were affected by the change in practice effective FY2002 discontinuing matriculation of and conferral of certificates on Nurse Aide students.

## Degrees and Certificates Awarded

## Massasoit

Massasoit began tracking completers of short-term certificates (fewer than 30 credits) in FY04. Certificates reported prior to FY04 include only those who earned a board-certified award (30 or more credits).

## Appendices

$\square$ Appendix A:

- Fall Unduplicated Credit Headcount
- Total Degrees Conferred
$\square$ Appendix B:
- Tuition and Fees at Massachusetts Public Colleges and University
$\square$ Appendix C:
- Community College 80\% Draw Communities
- Regions of Massachusetts

| Institution | Fall 1990 | Fall 1991 | Fall 1992 | Fall 1993 | Fall 1994 | Fall 1995 | Fall 1996 | Fall 1997 | Fall 1998 | Fall 1999 | Fall 2000 | Fall 2001 | Fall 2002 | Fall 2003 | Fall 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | 2,621 | 2,442 | 2,496 | 2,585 | 2,445 | 2,388 | 2,351 | 2,328 | 2,439 | 2,431 | 2,494 | 2,401 | 2,254 | 2,272 | 2,364 |
| Bristol | 4,999 | 4,986 | 5,215 | 5,159 | 5,299 | 4,850 | 4,884 | 5,117 | 5,518 | 6,033 | 6,066 | 6,124 | 6,346 | 6,639 | 6,864 |
| Bunker Hill | 5,606 | 4,646 | 4,752 | 4,636 | 6,304 | 6,511 | 6,154 | 6,254 | 7,129 | 6,543 | 6,386 | 6,914 | 7,211 | 7,397 | 7,821 |
| Cape Cod | 4,326 | 4,418 | 3,943 | 4,083 | 3,733 | 3,641 | 3,457 | 3,327 | 3,623 | 3,952 | 4,063 | 4,294 | 4,119 | 4,287 | 4,107 |
| Greenfield | 2,351 | 2,313 | 2,554 | 2,528 | 2,411 | 2,175 | 2,246 | 2,159 | 2,240 | 2,274 | 2,277 | 2,355 | 2,254 | 2,368 | 2,353 |
| Holyoke | 5,318 | 5,188 | 5,526 | 5,500 | 5,418 | 5,402 | 5,140 | 5,322 | 5,468 | 5,619 | 5,754 | 5,998 | 6,117 | 6,335 | 6,298 |
| Mass Bay | 4,662 | 4,668 | 5,229 | 5,211 | 5,036 | 5,252 | 4,518 | 4,418 | 4,801 | 4,624 | 4,676 | 5,173 | 4,994 | 5,380 | 5,132 |
| Massasoit | 6,670 | 6,418 | 6,777 | 6,421 | 5,766 | 5,754 | 5,696 | 5,917 | 6,646 | 6,674 | 6,842 | 6,985 | 7,003 | 6,808 | 6,908 |
| Middlesex | 7,016 | 6,906 | 7,197 | 7,112 | 6,536 | 6,047 | 5,945 | 6,166 | 6,664 | 6,933 | 7,451 | 7,568 | 7,979 | 8,366 | 8,122 |
| Mt. Wachusett | 3,680 | 3,820 | 4,004 | 4,242 | 3,724 | 2,873 | 2,797 | 2,956 | 3,194 | 3,446 | 3,397 | 3,711 | 3,946 | 4,118 | 4,165 |
| North Shore | 5,780 | 5,621 | 6,286 | 6,476 | 5,974 | 5,275 | 5,239 | 5,131 | 5,529 | 6,101 | 6,285 | 6,100 | 6,106 | 6,612 | 6,690 |
| Northern Essex | 6,647 | 6,679 | 6,867 | 7,035 | 6,354 | 6,139 | 5,597 | 5,766 | 5,803 | 6,376 | 6,580 | 6,372 | 6,621 | 6,300 | 6,194 |
| Quinsigamond | 4,703 | 4,665 | 4,786 | 4,732 | 4,458 | 4,676 | 4,691 | 5,062 | 5,178 | 5,279 | 5,713 | 6,183 | 6,621 | 6,592 | 6,100 |
| Roxbury | 1,886 | 1,804 | 2,040 | 1,991 | 2,709 | 2,458 | 2,125 | 2,207 | 2,334 | 2,382 | 2,699 | 2,712 | 2,515 | 2,365 | 2,180 |
| STCC | 5,866 | 5,880 | 6,202 | 6,394 | 6,193 | 6,027 | 6,126 | 6,381 | 6,590 | 6,497 | 6,694 | 6,257 | 6,282 | 6,157 | 6,114 |
| Community College Total | 72,131 | 70,454 | 73,874 | 74,105 | 72,360 | 69,468 | 66,966 | 68,511 | 73,156 | 75,164 | 77,377 | 79,147 | 80,368 | 81,996 | 81,412 |

Total Degrees Conferred FY 1991 to FY 2005
Appendix A

| Institution | FY 1991 | FY 1992 | FY 1993 | FY 1994 | FY 1995 | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Berkshire | 349 | 360 | 316 | 284 | 294 | 302 | 289 | 310 | 303 | 320 | 305 | 357 | 292 | 349 | 321 |
| Bristol | 650 | 650 | 526 | 602 | 589 | 509 | 637 | 687 | 755 | 657 | 755 | 790 | 834 | 843 | 936 |
| Bunker Hill | 626 | 626 | 321 | 529 | 477 | 476 | 516 | 515 | 469 | 509 | 487 | 403 | 602 | 685 | 679 |
| Cape Cod* | 404 | 422 | 377 | 359 | 470 | 413 | 438 | 464 | 449 | 395 | 434 | 421 | 371 | 425 | 430 |
| Greenfield | 390 | 415 | 403 | 470 | 439 | 359 | 362 | 359 | 372 | 405 | 416 | 383 | 370 | 371 | 355 |
| Holyoke | 643 | 674 | 653 | 603 | 673 | 690 | 623 | 663 | 676 | 718 | 701 | 745 | 863 | 918 | 987 |
| Mass Bay | 558 | 558 | 591 | 539 | 524 | 567 | 599 | 564 | 564 | 648 | 594 | 582 | 562 | 655 | 676 |
| Massasoit* | 847 | 847 | 1,203 | 785 | 791 | 805 | 761 | 750 | 680 | 730 | 701 | 708 | 669 | 746 | 747 |
| Middlesex** | 853 | 859 | 1,023 | 1,030 | 881 | 1,007 | 876 | 833 | 760 | 774 | 873 | 842 | 888 | 1,092 | 1,003 |
| Mt. Wachusett | 636 | 708 | 667 | 661 | 679 | 510 | 551 | 516 | 540 | 490 | 524 | 481 | 494 | 547 | 644 |
| North Shore | 740 | 735 | 748 | 761 | 936 | 777 | 694 | 738 | 668 | 790 | 789 | 725 | 657 | 711 | 789 |
| Northern Essex | 837 | 837 | 895 | 838 | 798 | 785 | 745 | 682 | 679 | 586 | 607 | 746 | 771 | 765 | 839 |
| Quinsigamond | 689 | 670 | 712 | 741 | 728 | 695 | 687 | 678 | 619 | 654 | 662 | 670 | 709 | 730 | 726 |
| Roxbury | 190 | 453 | 420 | 175 | 21 | 100 | 167 | 179 | 127 | 131 | 176 | 213 | 176 | 243 | 229 |
| Springfield Technical | 713 | 713 | 942 | 787 | 733 | 773 | 745 | 852 | 920 | 871 | 875 | 803 | 873 | 871 | 910 |
| Community College Total | 9,125 | 9,527 | 9,797 | 9,164 | 9,033 | 8,768 | 8,690 | 8,790 | 8,581 | 8,678 | 8,899 | 8,869 | 9,131 | 9,951 | 10,271 |

** Degrees conferred data for FY 1991-FY 1994 were obtained through the IPEDS peer analysis system for the years in question and do not match data as originally submitted and signed off by the college.
Note: The number of degrees awarded at some institutions is the same for both FY 1991 and FY 1992 as NCES status flag record shows that the FY1992 completions file was not submitted.

Tuition at Massachusetts Public Colleges and University
(Based on Fall Resident Undergraduate State-Supported Rates)

|  | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | $1 \mathrm{Yr} \% \mathrm{Chg}$ \| |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UMass Amherst | \$2,220 | \$2,109 | \$2,004 | \$1,904 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | 0\% |
| UMass Boston | \$2,220 | \$2,109 | \$2,004 | \$1,904 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | \$1,714 | 0\% |
| UMass Dartmouth | \$1,836 | \$1,744 | \$1,657 | \$1,574 | \$1,417 | \$1,417 | \$1,417 | \$1,417 | \$1,417 | \$1,417 | \$1,417 | 0\% |
| UMass Lowell | \$1,884 | \$1,790 | \$1,700 | \$1,615 | \$1,454 | \$1,454 | \$1,454 | \$1,454 | \$1,454 | \$1,454 | \$1,454 | 0\% |
| Bridgewater | \$1,408 | \$1,338 | \$1,270 | \$1,150 | \$1,030 | \$970 | \$910 | \$910 | \$910 | \$910 | \$910 | 0\% |
| Fitchburg | \$1,408 | \$1,338 | \$1,270 | \$1,210 | \$1,090 | \$1,030 | \$970 | \$970 | \$970 | \$970 | \$970 | 0\% |
| Framingham | \$1,408 | \$1,338 | \$1,270 | \$1,210 | \$1,090 | \$1,030 | \$970 | \$970 | \$970 | \$970 | \$970 | 0\% |
| MCLA | \$1,408 | \$1,338 | \$1,270 | \$1,210 | \$1,090 | \$1,090 | \$1,030 | \$1,030 | \$1,030 | \$1,030 | \$1,030 | 0\% |
| Salem | \$1,408 | \$1,338 | \$1,270 | \$1,150 | \$1,030 | \$970 | \$910 | \$910 | \$910 | \$910 | \$910 | 0\% |
| Westfield | \$1,408 | \$1,338 | \$1,270 | \$1,210 | \$1,090 | \$1,030 | \$970 | \$970 | \$970 | \$970 | \$970 | 0\% |
| Worcester | \$1,408 | \$1,338 | \$1,270 | \$1,210 | \$1,090 | \$1,030 | \$970 | \$970 | \$970 | \$970 | \$970 | 0\% |
| Berkshire | \$1,140 | \$1,080 | \$1,020 | \$960 | \$870 | \$780 | \$780 | \$780 | \$780 | \$780 | \$780 | 0\% |
| Bristol | \$1,200 | \$1,080 | \$1,020 | \$900 | \$810 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Bunker Hill | \$1,200 | \$1,080 | \$1,020 | \$900 | \$810 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Cape Cod | \$1,200 | \$1,080 | \$1,020 | \$930 | \$840 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Greenfield | \$1,140 | \$1,080 | \$1,020 | \$960 | \$870 | \$780 | \$780 | \$780 | \$780 | \$780 | \$780 | 0\% |
| Holyoke | \$1,200 | \$1,080 | \$1,020 | \$900 | \$810 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Massachusetts Bay | \$1,200 | \$1,080 | \$1,020 | \$930 | \$840 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Massasoit | \$1,200 | \$1,080 | \$1,020 | \$930 | \$840 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Middlesex | \$1,200 | \$1,080 | \$1,020 | \$900 | \$810 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Mount Wachusett | \$1,200 | \$1,080 | \$1,020 | \$960 | \$870 | \$750 | \$750 | \$750 | \$750 | \$750 | \$750 | 0\% |
| North Shore | \$1,200 | \$1,080 | \$1,020 | \$900 | \$810 | \$750 | \$750 | \$750 | \$750 | \$750 | \$750 | 0\% |
| Northern Essex | \$1,200 | \$1,080 | \$1,020 | \$930 | \$840 | \$750 | \$750 | \$750 | \$750 | \$750 | \$750 | 0\% |
| Quinsigamond | \$1,200 | \$1,080 | \$1,020 | \$900 | \$810 | \$720 | \$720 | \$720 | \$720 | \$720 | \$720 | 0\% |
| Roxbury | \$1,200 | \$1,080 | \$1,020 | \$930 | \$840 | \$780 | \$780 | \$780 | \$780 | \$780 | \$780 | 0\% |
| STCC | \$1,200 | \$1,080 | \$1,020 | \$930 | \$840 | \$750 | \$750 | \$750 | \$750 | \$750 | \$750 | 0\% |
| Weighted Average UMass* | \$2,105 | \$2,004 | \$1,904 | \$1,808 | \$1,628 | \$1,626 | \$1,624 | \$1,619 | \$1,618 | \$1,618 | \$1,618 | 0\% |
| Weighted Average State Colleges* | \$1,408 | \$1,338 | \$1,270 | \$1,184 | \$1,064 | \$1,007 | \$947 | \$947 | \$947 | \$946 | \$946 | 0\% |
| Weighted Average Community Colleges* | \$1,196 | \$1,080 | \$1,020 | \$919 | \$829 | \$735 | \$734 | \$734 | \$734 | \$734 | \$734 | 0\% |
| Weighted Average All Colleges and University* | \$1,576 | \$1,480 | \$1,400 | \$1,294 | \$1,167 | \$1,111 | \$1,092 | \$1,083 | \$1,079 | \$1,077 | \$1,077 | 0\% |

Source: Tuition and Fee Survey
*Weighted data calculated based on \% Undergraduate FTE of total by Segment and overall. 2005/06 values are based on Fall-2004 FTE until updated FTE data is available

|  | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 1 Yr \% Chg |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MassArt** | \$1,463 | \$1,390 | \$1,320 | \$1,260 | \$1,140 | \$1,090 | \$1,030 | \$1,030 | \$1,030 | \$1,030 | \$1,030 | 0\% |
| Mass Maritime** | \$1,463 | \$1,390 | \$1,320 | \$1,260 | \$1,140 | \$1,090 | \$1,030 | \$1,030 | \$1,030 | \$1,030 | \$1,062 | 3\% |

** Mass Maritime and Mass College of Art are reported separately because they are specialty schools and, for purposes of Performance Measurement, are not compared to other MA state
colleges. The Weighted Tuition and Fee Average does not include MMA or MCA.

Mandatory Fees at Massachusetts Public Colleges and University (Based on Fall Resident Undergraduate State-Supported Rates)

|  | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | $1 \mathrm{Yr} \% \mathrm{Chg}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UMass Amherst | \$3,294 | \$3,304 | \$3,325 | \$3,325 | \$3,498 | \$3,498 | \$3,498 | \$4,768 | \$5,768 | \$7,294 | \$7,564 | 4\% |
| UMass Boston | \$2,180 | \$2,234 | \$2,288 | \$2,288 | \$2,508 | \$2,508 | \$2,508 | \$3,508 | \$4,518 | \$6,310 | \$6,551 | 4\% |
| UMass Dartmouth | \$2,286 | \$2,407 | \$2,597 | \$2,597 | \$2,712 | \$2,712 | \$2,712 | \$3,712 | \$4,712 | \$6,385 | \$6,619 | 4\% |
| UMass Lowell | \$2,722 | \$2,722 | \$2,722 | \$2,722 | \$2,801 | \$2,801 | \$2,801 | \$3,759 | \$4,760 | \$6,437 | \$6,712 | 4\% |
| Bridgewater | \$2,102 | \$2,102 | \$2,033 | \$2,033 | \$2,033 | \$1,913 | \$1,913 | \$2,825 | \$3,480 | \$4,416 | \$4,596 | 4\% |
| Fitchburg | \$1,908 | \$1,992 | \$2,026 | \$1,998 | \$1,928 | \$1,988 | \$2,018 | \$2,718 | \$3,216 | \$3,618 | \$4,032 | 11\% |
| Framingham | \$1,900 | \$1,890 | \$1,880 | \$1,860 | \$1,800 | \$1,800 | \$1,800 | \$2,364 | \$3,354 | \$3,684 | \$4,029 | 9\% |
| MCLA | \$2,147 | \$2,147 | \$2,167 | \$2,167 | \$2,267 | \$2,267 | \$2,467 | \$3,167 | \$4,367 | \$4,387 | \$4,586 | 5\% |
| Salem | \$2,000 | \$2,006 | \$1,987 | \$1,928 | \$1,928 | \$2,128 | \$2,128 | \$3,028 | \$4,078 | \$4,544 | \$4,684 | 3\% |
| Westfield | \$1,785 | \$1,824 | \$1,824 | \$1,824 | \$1,884 | \$1,886 | \$1,986 | \$2,785 | \$3,588 | \$3,887 | \$4,688 | 21\% |
| Worcester | \$1,345 | \$1,345 | \$1,345 | \$1,345 | \$1,368 | \$1,478 | \$1,603 | \$2,303 | \$3,153 | \$3,609 | \$4,110 | 14\% |
| Berkshire | \$1,410 | \$1,620 | \$1,620 | \$1,620 | \$1,650 | \$1,710 | \$1,920 | \$2,310 | \$2,610 | \$2,610 | \$2,820 | 8\% |
| Bristol | \$1,260 | \$1,380 | \$1,320 | \$1,320 | \$1,260 | \$1,350 | \$1,440 | \$2,100 | \$2,340 | \$2,520 | \$3,030 | 20\% |
| Bunker Hill | \$1,200 | \$1,320 | \$1,320 | \$1,290 | \$1,230 | \$1,230 | \$1,230 | \$1,680 | \$2,280 | \$2,280 | \$2,280 | 0\% |
| Cape Cod | \$1,128 | \$1,530 | \$1,515 | \$1,432 | \$1,440 | \$1,590 | \$1,740 | \$2,460 | \$2,460 | \$2,940 | \$2,940 | 0\% |
| Greenfield | \$1,318 | \$1,382 | \$1,367 | \$1,367 | \$1,367 | \$1,517 | \$1,727 | \$2,237 | \$2,537 | \$2,867 | \$3,202 | 12\% |
| Holyoke | \$1,332 | \$1,452 | \$1,456 | \$1,426 | \$1,366 | \$1,456 | \$1,716 | \$2,076 | \$2,376 | \$2,378 | \$2,468 | 4\% |
| Massachusetts Bay | \$1,290 | \$1,290 | \$1,230 | \$1,275 | \$1,170 | \$1,170 | \$1,240 | \$2,150 | \$2,450 | \$2,930 | \$2,930 | 0\% |
| Massasoit | \$1,290 | \$1,290 | \$1,260 | \$1,230 | \$1,230 | \$1,320 | \$1,320 | \$1,920 | \$2,610 | \$2,610 | \$2,610 | 0\% |
| Middlesex | \$1,620 | \$1,670 | \$1,610 | \$1,550 | \$1,550 | \$1,640 | \$1,790 | \$2,300 | \$2,660 | \$2,930 | \$2,930 | 0\% |
| Mount Wachusett | \$1,950 | \$1,980 | \$1,930 | \$1,840 | \$1,790 | \$1,820 | \$1,940 | \$2,660 | \$3,260 | \$3,260 | \$3,220 | -1\% |
| North Shore | \$1,290 | \$1,410 | \$1,380 | \$1,320 | \$1,320 | \$1,440 | \$1,740 | \$2,340 | \$2,640 | \$2,640 | \$2,730 | 3\% |
| Northern Essex | \$1,230 | \$1,470 | \$1,425 | \$1,380 | \$1,380 | \$1,440 | \$1,530 | \$1,920 | \$2,220 | \$2,220 | \$2,400 | 8\% |
| Quinsigamond | \$1,054 | \$1,290 | \$1,230 | \$1,170 | \$1,170 | \$1,170 | \$1,170 | \$2,010 | \$2,880 | \$2,880 | \$2,880 | 0\% |
| Roxbury | \$1,200 | \$1,320 | \$1,260 | \$1,260 | \$1,230 | \$1,320 | \$1,320 | \$1,670 | \$2,470 | \$2,680 | \$2,680 | 0\% |
| STCC | \$1,430 | \$1,550 | \$1,490 | \$1,430 | \$1,430 | \$1,434 | \$1,684 | \$1,984 | \$2,394 | \$2,454 | \$2,604 | 6\% |
| Weighted Average UMass* | \$2,846 | \$2,886 | \$2,929 | \$2,919 | \$3,075 | \$3,070 | \$3,068 | \$4,179 | \$5,184 | \$6,819 | \$7,079 | 4\% |
| Weighted Average State Colleges* | \$1,894 | \$1,911 | \$1,895 | \$1,874 | \$1,873 | \$1,901 | \$1,942 | \$2,731 | \$3,568 | \$4,080 | \$4,430 | 9\% |
| Weighted Average Community Colleges* | \$1,328 | \$1,450 | \$1,413 | \$1,378 | \$1,354 | \$1,418 | \$1,538 | \$2,098 | \$2,532 | \$2,646 | \$2,743 | 4\% |
| Weighted Average All Colleges and University | \$2,017 | \$2,087 | \$2,078 | \$2,037 | \$2,085 | \$2,110 | \$2,162 | \$2,949 | \$3,660 | \$4,370 | \$4,370 | 0\% |

Source: Tuition and Fee Survey
*Weighted data calculated based on \% Undergraduate FTE of total by Segment and overall. 2005/06 values are based on Fall-2004 FTE until updated FTE data is available
Note: Fees do not include scheduled increase of $\$ 750$ effective in spring 2004 per campus at the University of Massachusetts.

|  |  | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 1 Yr $\%$ Chg |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| MassArt | $\$ 2,644$ | $\$ 2,644$ | $\$ 2,644$ | $\$ 2,644$ | $\$ 2,668$ | $\$ 2,788$ | $\$ 3,038$ | $\$ 3,938$ | $\$ 4,738$ | $\$ 5,370$ | $\$ 5,820$ | $8 \%$ |  |
| Mass Maritime | $\$ 1,657$ | $\$ 1,784$ | $\$ 1,784$ | $\$ 1,784$ | $\$ 1,784$ | $\$ 1,783$ | $\$ 1,883$ | $\$ 2,633$ | $\$ 3,833$ | $\$ 4,133$ | $\$ 4,246$ |  | $3 \%$ |

${ }^{* *}$ Mass Maritime and Mass College of Art are reported separately because they are specialty schools and, for purposes of Performance Measurement, are not compared to other MA state colleges. The Weighted Tuition and Fee Average does not include MMA or MCA.

Tuition and Mandatory Fees at Massachusetts Public Colleges and University (Based on Fall Resident Undergraduate State-Supported Rates)

|  | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | $1 \mathrm{Yr} \% \mathrm{Chg}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UMass Amherst | \$5,514 | \$5,413 | \$5,329 | \$5,229 | \$5,212 | \$5,212 | \$5,212 | \$6,482 | \$7,482 | \$9,008 | \$9,278 | 3\% |
| UMass Boston | \$4,400 | \$4,343 | \$4,292 | \$4,192 | \$4,222 | \$4,222 | \$4,222 | \$5,222 | \$6,232 | \$8,024 | \$8,265 | 3\% |
| UMass Dartmouth | \$4,122 | \$4,151 | \$4,254 | \$4,171 | \$4,129 | \$4,129 | \$4,129 | \$5,129 | \$6,129 | \$7,802 | \$8,036 | 3\% |
| UMass Lowell | \$4,606 | \$4,512 | \$4,422 | \$4,337 | \$4,255 | \$4,255 | \$4,255 | \$5,213 | \$6,214 | \$7,891 | \$8,166 | 3\% |
| Bridgewater | \$3,510 | \$3,440 | \$3,303 | \$3,183 | \$3,063 | \$2,883 | \$2,823 | \$3,735 | \$4,390 | \$5,326 | \$5,506 | 3\% |
| Fitchburg | \$3,316 | \$3,330 | \$3,296 | \$3,208 | \$3,018 | \$3,018 | \$2,988 | \$3,688 | \$4,186 | \$4,588 | \$5,002 | 9\% |
| Framingham | \$3,308 | \$3,228 | \$3,150 | \$3,070 | \$2,890 | \$2,830 | \$2,770 | \$3,334 | \$4,324 | \$4,654 | \$4,999 | 7\% |
| MCLA | \$3,555 | \$3,485 | \$3,437 | \$3,377 | \$3,357 | \$3,357 | \$3,497 | \$4,197 | \$5,397 | \$5,417 | \$5,616 | 4\% |
| Salem | \$3,408 | \$3,344 | \$3,257 | \$3,078 | \$2,958 | \$3,098 | \$3,038 | \$3,938 | \$4,988 | \$5,454 | \$5,594 | 3\% |
| Westfield | \$3,193 | \$3,162 | \$3,094 | \$3,034 | \$2,974 | \$2,916 | \$2,956 | \$3,755 | \$4,558 | \$4,857 | \$5,658 | 16\% |
| Worcester | \$2,753 | \$2,683 | \$2,615 | \$2,555 | \$2,458 | \$2,508 | \$2,573 | \$3,273 | \$4,123 | \$4,579 | \$5,080 | 11\% |
| Berkshire | \$2,550 | \$2,700 | \$2,640 | \$2,580 | \$2,520 | \$2,490 | \$2,700 | \$3,090 | \$3,390 | \$3,390 | \$3,600 | 6\% |
| Bristol | \$2,460 | \$2,460 | \$2,340 | \$2,220 | \$2,070 | \$2,070 | \$2,160 | \$2,820 | \$3,060 | \$3,240 | \$3,750 | 16\% |
| Bunker Hill | \$2,400 | \$2,400 | \$2,340 | \$2,190 | \$2,040 | \$1,950 | \$1,950 | \$2,400 | \$3,000 | \$3,000 | \$3,000 | 0\% |
| Cape Cod | \$2,328 | \$2,610 | \$2,535 | \$2,362 | \$2,280 | \$2,310 | \$2,460 | \$3,180 | \$3,180 | \$3,660 | \$3,660 | 0\% |
| Greenfield | \$2,458 | \$2,462 | \$2,387 | \$2,327 | \$2,237 | \$2,297 | \$2,507 | \$3,017 | \$3,317 | \$3,647 | \$3,982 | 9\% |
| Holyoke | \$2,532 | \$2,532 | \$2,476 | \$2,326 | \$2,176 | \$2,176 | \$2,436 | \$2,796 | \$3,096 | \$3,098 | \$3,188 | 3\% |
| Massachusetts Bay | \$2,490 | \$2,370 | \$2,250 | \$2,205 | \$2,010 | \$1,890 | \$1,960 | \$2,870 | \$3,170 | \$3,650 | \$3,650 | 0\% |
| Massasoit | \$2,490 | \$2,370 | \$2,280 | \$2,160 | \$2,070 | \$2,040 | \$2,040 | \$2,640 | \$3,330 | \$3,330 | \$3,330 | 0\% |
| Middlesex | \$2,820 | \$2,750 | \$2,630 | \$2,450 | \$2,360 | \$2,360 | \$2,510 | \$3,020 | \$3,380 | \$3,650 | \$3,650 | 0\% |
| Mount Wachusett | \$3,150 | \$3,060 | \$2,950 | \$2,800 | \$2,660 | \$2,570 | \$2,690 | \$3,410 | \$4,010 | \$4,010 | \$3,970 | -1\% |
| North Shore | \$2,490 | \$2,490 | \$2,400 | \$2,220 | \$2,130 | \$2,190 | \$2,490 | \$3,090 | \$3,390 | \$3,390 | \$3,480 | 3\% |
| Northern Essex | \$2,430 | \$2,550 | \$2,445 | \$2,310 | \$2,220 | \$2,190 | \$2,280 | \$2,670 | \$2,970 | \$2,970 | \$3,150 | 6\% |
| Quinsigamond | \$2,254 | \$2,370 | \$2,250 | \$2,070 | \$1,980 | \$1,890 | \$1,890 | \$2,730 | \$3,600 | \$3,600 | \$3,600 | 0\% |
| Roxbury | \$2,400 | \$2,400 | \$2,280 | \$2,190 | \$2,070 | \$2,100 | \$2,100 | \$2,450 | \$3,250 | \$3,460 | \$3,460 | 0\% |
| STCC | \$2,630 | \$2,630 | \$2,510 | \$2,360 | \$2,270 | \$2,184 | \$2,434 | \$2,734 | \$3,144 | \$3,204 | \$3,354 | 5\% |
| Weighted Average UMass* | \$4,952 | \$4,890 | \$4,833 | \$4,727 | \$4,704 | \$4,695 | \$4,692 | \$5,798 | \$6,802 | \$8,437 | \$8,697 | 3\% |
| Weighted Average State Colleges* | \$3,302 | \$3,249 | \$3,165 | \$3,058 | \$2,937 | \$2,908 | \$2,890 | \$3,678 | \$4,515 | \$5,027 | \$5,377 | 7\% |
| Weighted Average Community Colleges* | \$2,524 | \$2,530 | \$2,433 | \$2,297 | \$2,183 | \$2,153 | \$2,273 | \$2,831 | \$3,265 | \$3,380 | \$3,477 | 3\% |
| Weighted Average All Colleges and University* | \$3,593 | \$3,568 | \$3,478 | \$3,331 | \$3,252 | \$3,220 | \$3,254 | \$4,031 | \$4,739 | \$5,447 | \$5,658 | 4\% |

Source: Tuition and Fee Survey
*Weighted data calculated based on \% Undergraduate FTE of total by Segment and overall. 2005/06 values are based on Fall-2004 FTE until updated FTE data is available
Note: Fees do not include scheduled increase of $\$ 750$ effective in spring 2004 per campus at the University of Massachusetts.

|  | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | $1 \mathrm{Yr} \% \mathrm{Chg}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MassArt | \$4,107 | \$4,034 | \$3,964 | \$3,904 | \$3,808 | \$3,878 | \$4,068 | \$4,968 | \$5,768 | \$6,400 | \$6,850 | 7\% |
| Mass Maritime | \$3,120 | \$3,174 | \$3,104 | \$3,044 | \$2,924 | \$2,873 | \$2,913 | \$3,663 | \$4,863 | \$5,163 | \$5,308 | 3\% |

${ }^{* *}$ Mass Maritime and Mass College of Art are reported separately because they are specialty schools and, for purposes of Performance Measurement, are not compared to other MA state colleges. The Weighted Tuition and Fee Average does not include MMA or MCA.

## Community College 80\% Draw Communities for Undergraduate Enrollment Fall 2000 - Fall 2004

|  | Source: HEIRS II |  |
| :--- | :--- | :--- |
| BERKSHIRE COMMUNITY | CAPE COD COMMUNITY COLLEGE | HOLYOKE COMMUNITY COLLEGE |
| COLLEGE | Barnstable | Agawam |
| Adams | Bourne | Amherst |
| Dalton | Brewster | Belchertown |
| Great Barrington | Dennis | Chicopee |
| Lanesboro | Falmouth | Easthampton |
| Lee | Harwich | Holyoke |
| Lenox | Mashpee | Ludlow |
| North Adams | Plymouth | Northampton |
| Pittsfield | Sandwich | South Hadley |
|  | Yarmouth | Southwick |
| BRISTOL COMMUNITY COLLEGE |  | Springfield |
| Acushnet | GREENFIELD COMMUNITY | West Springfield |
| Dartmouth | COLLEGE | Westfield |
| Fairhaven | Amherst |  |
| Fall River | Belchertown | MASS BAY COMMUNITY COLLEGE |
| New Bedford | Bernardston | Ashland |
| Somerset | Charlemont | Bellingham |
| Swansea | Corain | Boston |
| Taunton | Conway | Brookline |
| Westport | Deerfield | Cambridge |
|  | Easthampton | Dedham |
| BUNKER HILL COMMUNITY | Erving | Framingham |
| COLLEGE | Greenfield | Franklin |
| Boston | Hadley | Holliston |
| Cambridge | Montague | Hopkinton |
| Cenelsea | Northampton | Marlborough |
| Everett | Northfield | Medfield |
| Malden | Orange | Medway |
| Medford | Shelburne | Milford |
| Quincy | Munderland | Natick |
| Revere | Williamsburg | Needham |
| Somerville |  | Newton |
|  | Norwood |  |
|  |  |  |


| Somerville | MIDDLESEX COMMUNITY | Townsend |
| :--- | :--- | :--- |
| Sudbury | COLLEGE | Westminster |
| Walpole | Acton | Winchendon |
| Waltham | Arlington | NORTH SHORE COMMUNITY |
| Watertown | Bedford | COLLEGE |
| Wayland | Billerica | Beverly |
| Wellesley | Burlington | Boston |
| Westwood | Chelmsford | Danvers |
| Worcester | Dracut | Gloucester |
| MASSASOIT COMMUNITY | Lawrence | Ipswich |
| COLLEGE | Lexington | Lynn |
| Abington | Lowell | Malden |
| Boston | Medford | Marblehead |
| Braintree | Methuen | Peabody |
| Bridgewater | Pepperell | Revere |
| Brockton | Reading | Rockport |
| Canton | Stoneham | Salem |
| East Bridgewater | Tewksbury | Saugus |
| Easton | Tyngsboro | Swampscott |
| Hanover | Waltham | Wakefield |
| Hanson | Westford | Winthrop |
| Holbrook | Wilmington |  |
| Mansfield | Woburn | NORTHERN ESSEX COMMUNITY |
| Marshfield |  | MOUNT WACHUSETT COMMUNITY |
| Middleboro | COLLEGE |  |
| Norton | COLLEGE | Amesbury |
| Norwood | Ashburnham | Andover |
| Pembroke | Athol | Haverhill |
| Quincy | Ayer | Lawrence |
| Randolph | Barre | Methuen |
| Raynham | Fitchburg | Newburyport |
| Rockland | Gardner | North Andover |
| Stoughton | Hubbardston |  |
| Taunton | Leominster |  |
| West Bridgewater | Lunenburg |  |
| Weymouth | Orange |  |
| Whitman | Shirley |  |
|  | Templeton |  |
|  |  |  |

## QUINSIGAMOND COMMUNITY

 COLLEGEAuburn
Charlton
Clinton
Dudley
Grafton
Holden
Hudson
Leicester
Marlborough
Millbury
Northborough
Northbridge
Oxford
Shrewsbury
Southbridge
Spencer
Sutton
Webster
Westborough
Worcester

## ROXBURY COMMUNITY COLLEGE

## SPRINGFIELD TECHNICAL <br> COMMUNITY COLLEGE

Agawam
Chicopee
East Longmeadow
Holyoke
Ludlow
Palmer
Springfield
West Springfield
Westfield
Wilbraham

Boston

## Regions of Massachusetts

(Massachusetts Department of Economic Development breakdown)

Berkshire Region
Massachusetts' western most region is defined by the 32 communities that constitute Berkshire County. Massachusetts College of Liberal Arts and Berkshire Community College are the two system institutions in the region.


## Pioneer Valley Region:

Franklin, Hampden, and Hampshire Counties define the Pioneer Valley along with the Worcester County communities of Athol, Petersham, Phillipston, and Royalston. UMassAmherst, Westfield State College, and Greenfield, Holyoke, and Springfield Technical Communities Colleges are located in this region.

(3) Greenfield Community College, Greenfield
(4) Holyoke Community College, HolyokeSpringfield Tech. Community College, SpringfieldWestfield State College, WestfieldUniversity of Massachusetts Amherst

## Central Region:

All but four of the 54 cities and towns in the Central Region are part of Worcester County (Ayer, Groton, Pepperell, Shirley, and Townsend are part of Middlesex County). Fitchburg and Worcester State Colleges, Quinsigamond and Mount Wachusett Community Colleges, and the UMass-Worcester Medical School are located in this region.


## Northeast Region:

The Northeast contains all of Essex County and nine communities (Bedford, Billerica, Chelmsford, Dracut, Dunstable, Lowell, Tewksbury, Tyngsborough, and Westford) from the northern portion of Middlesex County. UMass-Lowell, Salem State College and Middlesex, North Shore, and Northern Essex Community Colleges are located in this region.


## Greater Boston Region:

All of Suffolk, a majority of Middlesex and Norfolk, and communities from the eastern edge of Worcester and northern edge of Plymouth Counties make up Greater Boston. UMassBoston, Framingham State College, MassArt, and Bunker Hill, Mass Bay, and Roxbury Community Colleges are located in this region.


## Southeast Region:

All of Bristol County and the southern portion of Plymouth County as well as the Norfolk County communities of Avon, Canton, Foxborough, Plainville, Sharon, and Stoughton constitute the Southeast Region. UMass-Dartmouth, Bridgewater State College, and Bristol and Massasoit Community Colleges are located in the Southeast Region.

(24) Bristol Community College, Fall River
(25) Massasoit Community College, Brockton, Canton*
(26) Bridgewater State College, Bridgewater
27) University of Massachusetts Dartmouth

Cape and Islands Region:
The communities in Barnstable, Dukes, and Nantucket Counties comprise the Cape and Islands Region. The Massachusetts Maritime Academy and Cape Cod Community College are located in this region.

(28) Cape Cod Community College, West Barnstable (29) Massachusetts Maritime Academy, Buzzards Bay

