



**West Virginia Higher Education Report Card,
2003**

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A Policy Commission Report

WEST VIRGINIA HIGHER EDUCATION POLICY COMMISSION

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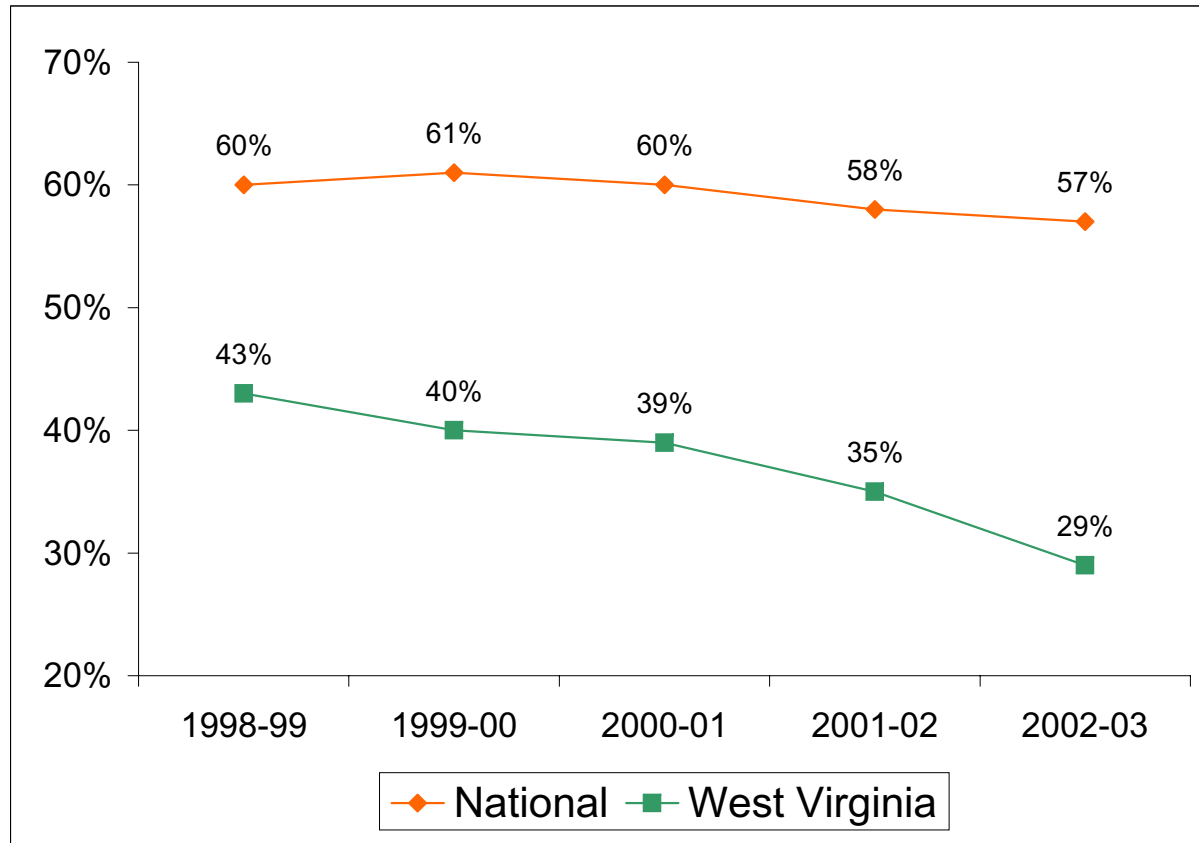
Preparation

Research has shown that there is a strong connection between high school course taking and college success. Only 29% of the 2002-03 ACT test takers in West Virginia took the minimum college preparatory courses in high school.

The minimum college preparatory core has been defined by ACT as four years of English, three years of mathematics, three years of natural science, and three years of social science. WV's science curriculum may have influenced these values. ACT survey expects 3 different sciences and students taking comprehensive and thematic science in grades 9 and 10 may actually have 3 sciences.

Recent changes in high school graduation standards have increased the number of core courses required to graduate. The increased standards are expected to increase the percentage of students taking a college preparatory curriculum. This is likely to reduce the percentage of incoming freshmen who need to take developmental courses in mathematics and English, which will in turn increase retention and graduation levels for these students.

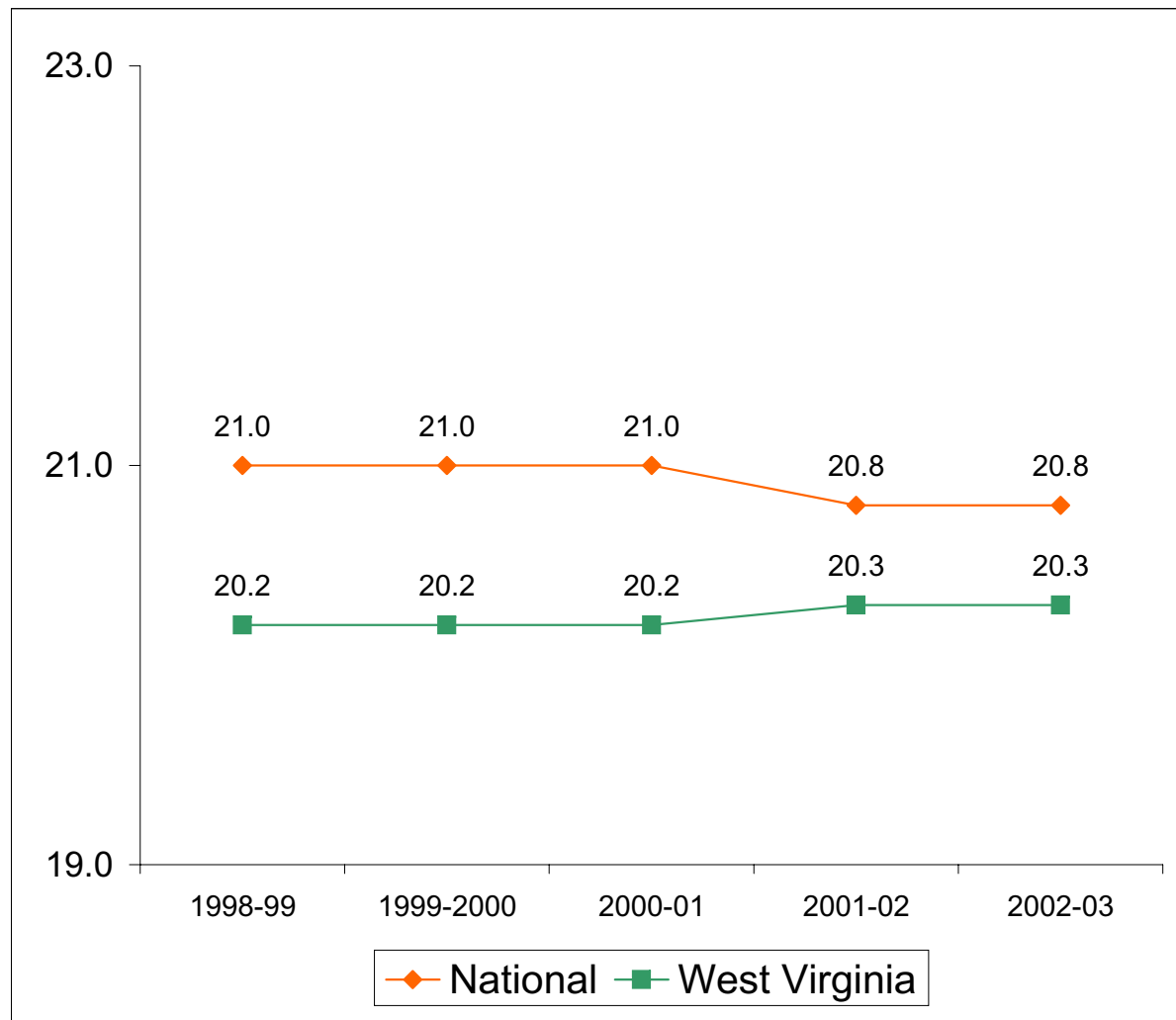
Percent of ACT Test Takers Taking College Preparatory Courses in High School



Preparation

The ACT is a widely used examination for gauging the level of students' preparation for college level work, and most West Virginia high school students who enroll in in-state public colleges take the ACT. A student's composite score on the ACT reflects the average performance on the math, science, English and reading components of the test. Nationally, performance on the ACT has fallen slightly over the last five years, from 21 to 20.8. In West Virginia, the average composite ACT score has risen slightly over the 1998-99 to 2002-03 period, increasing from 20.2 to 20.3.

ACT Composite Scores, 1998-99 to 2002-03



Preparation

1 2 3 4 5 6 7 8 9

The closing gap between West Virginia and the nation in terms of ACT composite scores is welcome news. However, an examination of ACT test results by subject reveals areas where significant improvement must occur. In 1998-99, West Virginia's ACT average composite score was 20.2 as compared to the national average of 21.0. By 2002-03, this gap had slightly closed to .5.

Significant progress was made in English and Reading. West Virginia's 2002-03 average English score of 20.3 was the same as the national average, and West Virginia's reading average of 20.9 almost equals the national average of 21.2.

Math and science remain as weak areas. In 1998-99 West Virginia's average math score was 19.0, almost two full points below the national average of 20.7. Some progress was made through 2002-03, but the gap is almost one and half points.

West Virginia's average science score remained constant at 20.3. The gap between West Virginia and the nation closed from .7 to .5 because of a decrease in the national figure.

ACT Scores by Subject Area, 1998-99 to 2002-03

West Virginia

| | All West Virginia Test-Takers | | Enrolled in WV Public Higher Education | | National, All Test-Takers | |
|-----------|-------------------------------|---------|--|-----------|---------------------------|---------|
| | 1998-99 | 2002-03 | Fall 1998 | Fall 2002 | 1998-99 | 2002-03 |
| Composite | 20.2 | 20.3 | 19.8 | 20.3 | 21.0 | 20.8 |
| Math | 19.0 | 19.2 | 18.6 | 19.0 | 20.7 | 20.6 |
| English | 20.1 | 20.3 | 19.5 | 20.2 | 20.5 | 20.3 |
| Reading | 20.9 | 20.9 | 20.6 | 21.2 | 21.4 | 21.2 |
| Science | 20.3 | 20.3 | 20.2 | 20.5 | 21.0 | 20.8 |

Preparation

A large percentage of West Virginia high school graduates enter college not fully prepared.

These students must take developmental math or English before they can take regular college courses. Developmental courses do not count toward graduation, and students who begin college needing developmental coursework have lower retention and graduation rates than better prepared students.

34% of recent West Virginia high school graduates required developmental courses in Fall 2002. Math was the area of biggest weakness, with 30% requiring developmental work, compared to 15% who required developmental courses in English, writing, or reading. There are large differences between community college students and baccalaureate students in developmental course taking. Statewide, 59% of freshmen community college students took at least one developmental course in their first semester, compared to 25% for their baccalaureate counterparts.

Fall 2002 Developmental Course Enrollment, Recent West Virginia High School Graduates

| | Number Enrolled | Percent in Developmental Courses | | |
|---------------------------------------|-----------------|----------------------------------|------------|------------|
| | | English-Related | Math | Any |
| Baccalaureate Students | | | | |
| Bluefield State College | 15 | 7% | 47% | 47% |
| Concord College | 408 | 19% | 43% | 47% |
| Fairmont State College | 557 | 19% | 39% | 45% |
| Glenville State College | 195 | 16% | 46% | 49% |
| Marshall University | 1,301 | 6% | 27% | 29% |
| Shepherd College | 302 | 17% | 37% | 40% |
| West Liberty State College | 309 | 15% | 17% | 27% |
| West Virginia State College | 207 | 39% | 59% | 67% |
| West Virginia University * | 1,951 | 0% | 0% | 0% |
| WVU Institute of Technology | 208 | 8% | 34% | 36% |
| WVU at Parkersburg | 82 | 21% | 39% | 46% |
| Community College Students | | | | |
| Bluefield State Comm. & Tech. College | 268 | 33% | 53% | 62% |
| Eastern WV Comm. & Tech. College | 4 | 0% | 25% | 25% |
| Fairmont State Comm. & Tech. College | 250 | 33% | 47% | 58% |
| Glenville State Comm. & Tech. College | 73 | 23% | 56% | 56% |
| Marshall Comm. & Tech. University | 165 | 56% | 76% | 80% |
| Potomac State College of WVU | 200 | 15% | 32% | 35% |
| Shepherd Comm. & Tech. College | 43 | 40% | 56% | 58% |
| Southern WV Comm. & Tech. College | 310 | 43% | 64% | 68% |
| WV Northern Community College | 109 | 14% | 42% | 46% |
| WV State Comm. & Tech. College | 112 | 50% | 65% | 78% |
| WVUIT Comm. & Tech. College | 84 | 21% | 44% | 50% |
| WVU at Parkersburg | 249 | 30% | 45% | 53% |
| All Baccalaureate Students | 5,535 | 9% | 22% | 25% |
| All Community College Students | 1,867 | 34% | 53% | 59% |
| Total | 7,402 | 15% | 30% | 34% |

* West Virginia University offers non-credit developmental courses.

Preparation

Developmental Course Enrollment of First-Time Freshman Students by Age Group, Fall 2002

Provision of developmental courses is an important service provided by higher education, since a high proportion of incoming freshmen enter college with a lack of preparation in at least one academic area.

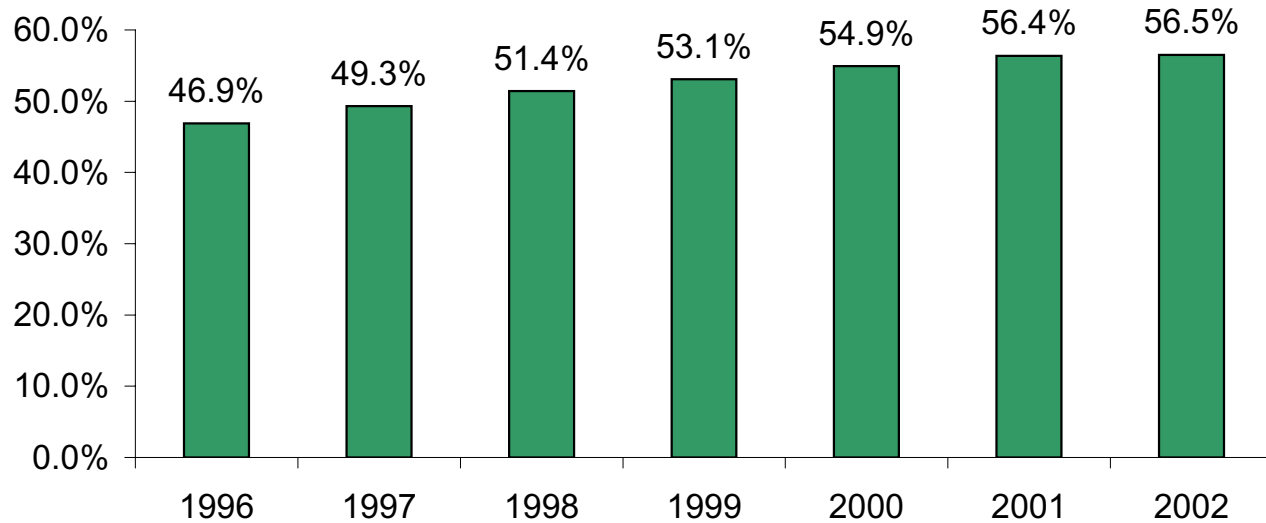
This is especially critical for older students who have finished high school several years ago. They may have been adequately prepared immediately upon leaving high school, but may also require developmental courses to refresh their basic skills after the passage of time.

Enrollment rates in developmental courses are considerably higher for students 25 years and older. Overall, the developmental enrollment rate for older first-time freshmen is 51% compared to 33% for younger first-time freshmen. The rate is 49% for adults entering baccalaureate colleges compared to 51% for those entering community colleges.

| | All First-Time Freshmen | | English-Related Developmental Courses | | Developmental Math Courses | | Any Developmental Courses | |
|---------------------------------------|-------------------------|--------------|---------------------------------------|--------------|----------------------------|--------------|---------------------------|--------------|
| | 24 and Under | 25 and Older | 24 and Under | 25 and Older | 24 and Under | 25 and Older | 24 and Under | 25 and Older |
| Baccalaureate Students | | | | | | | | |
| Bluefield State College | 24 | 12 | 21% | 25% | 54% | 75% | 58% | 75% |
| Concord College | 592 | 11 | 21% | 36% | 41% | 45% | 46% | 45% |
| Fairmont State College | 663 | 18 | 19% | 22% | 37% | 22% | 43% | 28% |
| Glenville State College | 292 | 37 | 21% | 11% | 48% | 38% | 52% | 38% |
| Marshall University | 1,837 | 64 | 8% | 17% | 28% | 52% | 32% | 58% |
| Shepherd College | 617 | 30 | 18% | 20% | 29% | 60% | 38% | 67% |
| West Liberty State College | 482 | 1 | 18% | 100% | 16% | 100% | 28% | 100% |
| West Virginia State College | 372 | 30 | 41% | 33% | 60% | 60% | 69% | 60% |
| West Virginia University | 3,929 | 41 | 0% | 0% | 0% | 0% | 0% | 0% |
| WVU Institute of Technology | 252 | 4 | 8% | 0% | 32% | 50% | 34% | 50% |
| WVU at Parkersburg | 101 | 26 | 24% | 62% | 41% | 77% | 49% | 85% |
| Sub-Totals | 9,161 | 274 | 9% | 22% | 19% | 45% | 23% | 49% |
| Community College Students | | | | | | | | |
| Bluefield State Comm. & Tech. College | 440 | 154 | 33% | 36% | 53% | 48% | 60% | 56% |
| Eastern WV Comm. & Tech. College | 14 | 35 | 21% | 23% | 57% | 29% | 57% | 40% |
| Fairmont State Comm. & Tech. College | 428 | 145 | 36% | 26% | 46% | 36% | 58% | 43% |
| Glenville State Comm. & Tech. College | 118 | 55 | 22% | 16% | 52% | 15% | 53% | 24% |
| Marshall Comm. & Tech. University | 290 | 119 | 61% | 18% | 77% | 32% | 82% | 33% |
| Shepherd Comm. & Tech. College | 74 | 53 | 42% | 23% | 50% | 28% | 59% | 36% |
| Southern WV Comm. & Tech. College | 464 | 138 | 44% | 46% | 66% | 59% | 71% | 70% |
| WV Northern Community College | 230 | 146 | 14% | 16% | 47% | 62% | 49% | 62% |
| WV State Comm. & Tech. College | 244 | 86 | 55% | 37% | 68% | 51% | 81% | 60% |
| Potomac State College of WVU | 388 | 22 | 27% | 18% | 42% | 36% | 48% | 41% |
| WVUIT Comm. & Tech. College | 118 | 17 | 25% | 0% | 49% | 59% | 54% | 59% |
| WVU at Parkersburg | 365 | 113 | 33% | 42% | 49% | 39% | 56% | 53% |
| Sub-Totals | 3,173 | 1,083 | 37% | 29% | 55% | 44% | 62% | 51% |
| Totals | 12,334 | 1,357 | 16% | 27% | 28% | 44% | 33% | 51% |

Participation

College Going Rates of Recent West Virginia High School Graduates



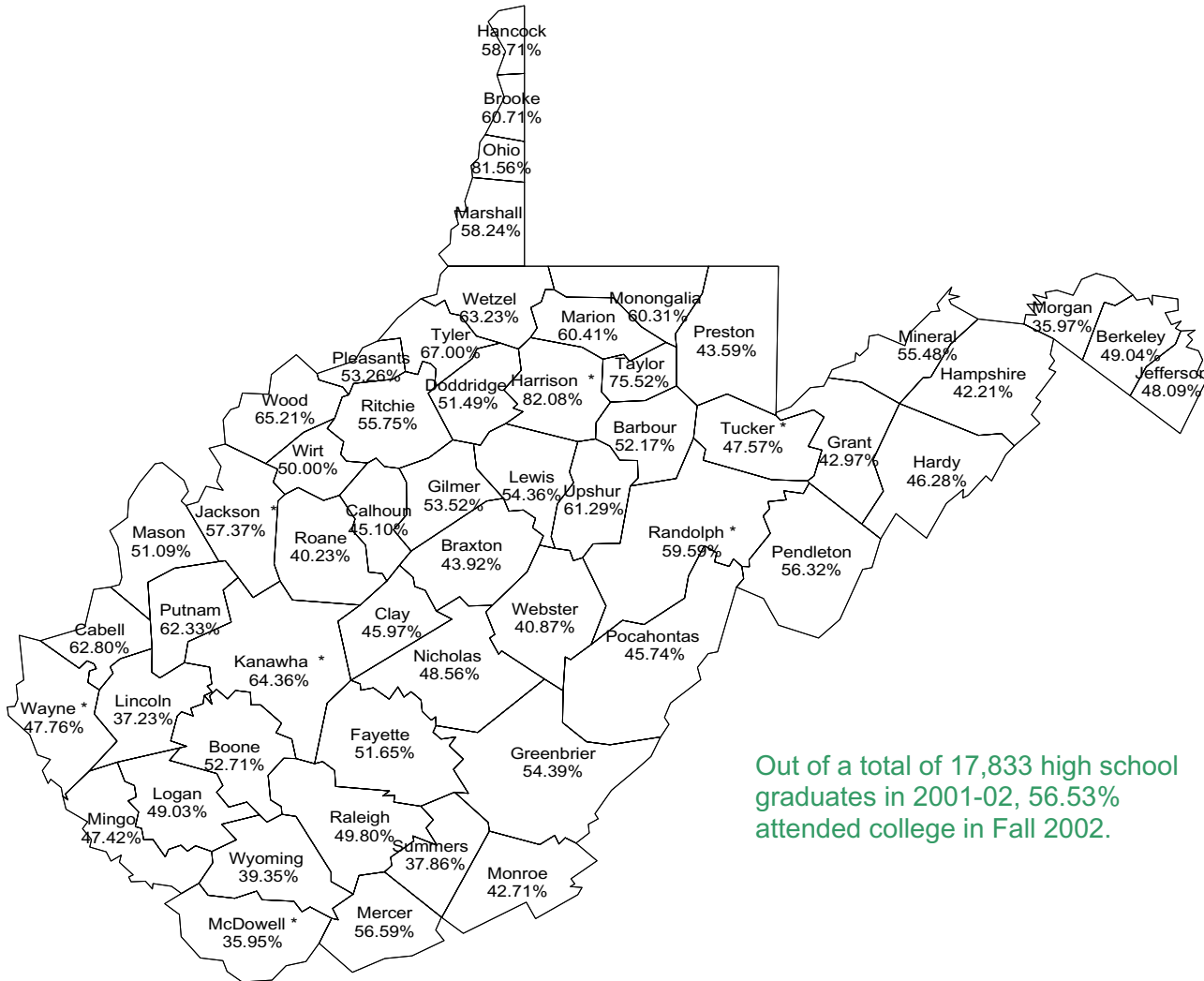
The college going rate of recent high school graduates is a good measure of how much progress West Virginia is making in increasing the level of college participation for young adults. From Fall 1996 to Fall 2002, the West Virginia college going rate has increased from 46.9% to 56.5%, and is almost equal to the most recent calculated national rate of 56.7%.

These increases in college participation are welcome signs of progress, but more needs to be done to surpass the national level and meet statewide goals. The Higher Education Policy Commission has set a statewide goal of 70% for the college going rate of recent high school graduates.

Participation

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College Going Rates by County, Fall 2002



Over 56% of West Virginia's 2001-02 high school graduates attended college in Fall 2002. The most recent national college going rate is 57%. Establishing a state college going rate significantly higher than the national average is a very attainable goal over the short run.

The accompanying map shows that there is considerable variation across counties in college going rates. The counties with the highest rates are Harrison (82.08%), Ohio (81.56%), and Taylor (75.52%).

Out of a total of 17,833 high school graduates in 2001-02, 56.53% attended college in Fall 2002.

Participation

1 2 3 4 5 6 7 8 9

Headcount and FTE Enrollment Trends

| | Headcount | | | Full-Time Equivalent | | | |
|--|--------------------------------------|-----------|----------|----------------------|-----------|-----------|--------|
| | Fall 2001 | Fall 2002 | % Change | Fall 2001 | Fall 2002 | % Change | |
| Headcount and FTE levels provide complimentary perspectives for enrollment trends at each of the institutions. Although headcount measures each individually-enrolled student, FTE provides a more realistic perspective by measuring students in terms of a 15 hour per semester course load. Overall, there was a 3.5% increase in headcount enrollment and a 4.3% increase in FTE enrollment from Fall 2001 to Fall 2002. The sharper increase in FTE enrollment indicates that students are taking heavier workloads on average. | Baccalaureate and Above Institutions | 57,965 | 61,571 | 6.2% | 50,039.98 | 51,613.23 | 3.1% |
| | Bluefield State College | 1,073 | 1,067 | -0.6% | 750.80 | 621.07 | -17.4% |
| | Concord College | 3,055 | 3,015 | -1.3% | 2,816.00 | 2,830.13 | 0.5% |
| | Fairmont State College | 4,264 | 4,527 | 6.2% | 3,458.00 | 3,461.53 | 0.1% |
| | Glenville State College | 1,321 | 1,419 | 7.4% | 1,251.53 | 1,094.73 | -12.6% |
| | Marshall University | 13,701 | 14,256 | 4.1% | 10,547.38 | 11,064.75 | 4.9% |
| | Shepherd College | 3,071 | 4,226 | 37.6% | 2,815.83 | 2,965.00 | 5.3% |
| | West Liberty State College | 2,654 | 2,579 | -2.8% | 2,632.18 | 2,666.22 | 1.3% |
| | West Virginia State College | 3,045 | 3,596 | 18.1% | 2,509.40 | 2,644.88 | 5.4% |
| | WV School of Osteopathic Medicine | 291 | 306 | 5.2% | 291.00 | 306.00 | 4.8% |
| | West Virginia University | 22,774 | 23,860 | 4.8% | 20,782.78 | 21,829.57 | 5.0% |
| | WVU Institute of Technology | 1,797 | 1,675 | -6.8% | 1,470.64 | 1,315.08 | -10.6% |
| | WVU at Parkersburg | 919 | 1,045 | 13.7% | 714.40 | 814.27 | 13.8% |
| | Community Colleges | 20,350 | 19,509 | -4.1% | 12,837.26 | 13,981.67 | 8.9% |
| | Bluefield State CTC | 1,695 | 1,993 | 17.6% | 1,352.00 | 1,722.27 | 27.3% |
| | Eastern WV Comm. and Tech.Coll. | 140 | 355 | 153.6% | 46.33 | 161.27 | 245.9% |
| | Fairmont State Comm. and Tech. Coll. | 2,460 | 2,279 | -7.4% | 1,888.47 | 2,029.80 | 7.4% |
| | Glenville State College | 823 | 755 | -8.3% | 553.80 | 693.87 | 25.1% |
| | Marshall University | 2,335 | 2,285 | -2.1% | 1,351.13 | 1,400.80 | 3.6% |
| | Shepherd College | 1,320 | 511 | -61.3% | 601.17 | 639.53 | 6.2% |
| | Southern WV Comm. and Tech. Coll. | 2,520 | 2,543 | 0.9% | 1,639.53 | 1,740.67 | 6.1% |
| | WV Northern Community College | 3,014 | 2,917 | -3.2% | 1,495.63 | 1,621.87 | 8.4% |
| | West Virginia State College | 1,791 | 1,396 | -22.1% | 1,047.53 | 994.80 | -5.1% |
| | Potomac State College of WVU | 1,254 | 1,322 | 5.4% | 941.60 | 995.60 | 5.6% |
| | WVU Institute of Technology | 577 | 682 | 18.2% | 494.07 | 495.07 | 0.0% |
| | WVU at Parkersburg | 2,421 | 2,471 | 2.1% | 1,426.00 | 1,486.13 | 4.1% |
| | Grand Total Enrollment | 78,315 | 81,080 | 3.5% | 62,877.24 | 65,594.90 | 4.3% |

The marked increase in enrollment for Eastern WV Community and Technical College is attributed to its first year of operation and its associated growth in 2002.

Participation

1 2 3 4 5 6 7 8 9

First-Time Freshman Applicants, Acceptances, and Enrolled, Fall 2002

A total of 27,126 potential first-time freshman students applied for admission for the Fall 2002 semester, and 97%, or 26,221, were accepted. Fifty-two percent of those accepted enrolled in Fall 2002, for a total of 13,695 first-time freshmen enrolled.

All of the stand-alone community colleges in the state had 100% acceptance rates, in keeping with the open access missions of those institutions. Shepherd College had the lowest acceptance rate at 91%, followed by West Virginia University at 94% and Marshall University at 95%. Institutions vary widely on the percent of acceptances who enroll.

| | Applicants | Acceptances | % of Applicants Accepted | Number Enrolled | % of Acceptances Enrolled |
|-------------------------------------|---------------|---------------|--------------------------|-----------------|---------------------------|
| Bluefield State College | 1,191 | 1,182 | 99% | 600 | 51% |
| Concord College | 1,305 | 1,286 | 99% | 589 | 46% |
| Eastern WV Comm. and Tech. College | 87 | 87 | 100% | 82 | 94% |
| Fairmont State | 2,869 | 2,869 | 100% | 1,250 | 44% |
| Glennville State College | 1,241 | 1,241 | 100% | 425 | 34% |
| Marshall University | 2,830 | 2,685 | 95% | 2,276 | 85% |
| Shepherd College | 1,615 | 1,475 | 91% | 774 | 52% |
| Southern WV Comm. and Tech. College | 878 | 878 | 100% | 779 | 89% |
| West Liberty State College | 1,201 | 1,180 | 98% | 491 | 42% |
| WV Northern Community College | 520 | 520 | 100% | 313 | 60% |
| West Virginia State College | 1,434 | 1,434 | 100% | 759 | 53% |
| West Virginia University | 9,147 | 8,589 | 94% | 3,978 | 46% |
| Potomac State College of WVU | 1,232 | 1,232 | 100% | 399 | 32% |
| WVU Institute of Technology | 895 | 882 | 99% | 421 | 48% |
| WVU at Parkersburg | 681 | 681 | 100% | 559 | 82% |
| TOTAL | 27,126 | 26,221 | 97% | 13,695 | 52% |

Participation

1 2 3 4 5 6 7 8 9

Undergraduate Transfer Applicants, Acceptances, and Enrolled, Fall 2002

Seamless delivery of educational services across higher education institutions is a necessity if West Virginia is to make the best use of its educational resources.

Transfer of students from one institution to another is a measure of how well institutions are cooperating to offer education to students.

A total of 6,532 undergraduate students applied for transfer admission for the Fall 2002 semester, and 97%, or 6,339, were accepted. Sixty-seven percent of those accepted enrolled in Fall 2002, for a total of 4,216 new undergraduate transfers enrolled.

This figure is 6% of the 69,308 undergraduates enrolled in Fall 2002, indicating that transfer across institutions is a common practice of students attending West Virginia public higher education institutions.

| | Transfer Applicants | Transfers Accepted | % of Transfer Applicants Accepted | Transfers Enrolled | % of Transfer Acceptances Enrolled |
|-------------------------------------|---------------------|--------------------|-----------------------------------|--------------------|------------------------------------|
| Bluefield State College | 651 | 629 | 97% | 296 | 47% |
| Concord College | 228 | 224 | 98% | 158 | 71% |
| Eastern WV Comm. and Tech. College | 111 | 111 | 100% | 111 | 100% |
| Fairmont State | 833 | 832 | 100% | 419 | 50% |
| Glenville State College | 184 | 184 | 100% | 106 | 58% |
| Marshall University | 859 | 821 | 96% | 683 | 83% |
| Shepherd College | 511 | 505 | 99% | 362 | 72% |
| Southern WV Comm. and Tech. College | 72 | 72 | 100% | 72 | 100% |
| West Liberty State College | 443 | 429 | 97% | 268 | 62% |
| WV Northern Community College | 236 | 236 | 100% | 171 | 72% |
| West Virginia State College | 441 | 441 | 100% | 310 | 70% |
| West Virginia University | 1,316 | 1,210 | 92% | 839 | 69% |
| Potomac State College of WVU | 43 | 43 | 100% | 34 | 79% |
| WVU Institute of Technology | 402 | 400 | 100% | 222 | 56% |
| WVU at Parkersburg | 202 | 202 | 100% | 165 | 82% |
| TOTAL | 6,532 | 6,339 | 97% | 4,216 | 67% |

Participation

Undergraduate Transfers Across West Virginia Public Institutions, Fall 2002

| Receiving Institution | Bluefield State College | Concord College | Eastern WV Comm & Tech College | Fairmont State | Glenville State College | Marshall University | Shepherd College | Southern WV Comm & Tech College | West Liberty State College | WV Northern Community College | West Virginia State College | West Virginia University | Potomac State College of WVU | WVU Institute of Technology | WVU at Parkersburg | Total Transfers from WV Public Institutions | Total Transfers from WV Private Institutions | Total Transfers from Out-of-State Institutions | Total Transfers |
|-------------------------------|-------------------------|-----------------|--------------------------------|----------------|-------------------------|---------------------|------------------|---------------------------------|----------------------------|-------------------------------|-----------------------------|--------------------------|------------------------------|-----------------------------|--------------------|---|--|--|-----------------|
| Bluefield State College | NA | 43 | 0 | 2 | 12 | 10 | 2 | 17 | 2 | 2 | 4 | 3 | 1 | 6 | 0 | 104 | 20 | 172 | 296 |
| Concord College | 26 | NA | 0 | 3 | 10 | 25 | 1 | 16 | 0 | 2 | 4 | 11 | 1 | 10 | 2 | 111 | 39 | 8 | 158 |
| Eastern WV Comm & Tech Coll | 0 | 0 | NA | 2 | 1 | 1 | 38 | 0 | 0 | 0 | 0 | 1 | 32 | 0 | 1 | 76 | 0 | 35 | 111 |
| Fairmont State | 0 | 2 | 6 | NA | 31 | 18 | 11 | 0 | 5 | 9 | 8 | 102 | 25 | 3 | 13 | 233 | 46 | 140 | 419 |
| Glenville State College | 1 | 2 | 0 | 5 | NA | 9 | 1 | 1 | 0 | 1 | 3 | 11 | 1 | 8 | 1 | 44 | 18 | 44 | 106 |
| Marshall University | 8 | 20 | 0 | 12 | 6 | NA | 11 | 68 | 3 | 3 | 71 | 35 | 2 | 15 | 32 | 286 | 28 | 369 | 683 |
| Shepherd College | 2 | 2 | 0 | 8 | 3 | 6 | NA | 0 | 0 | 1 | 4 | 23 | 0 | 0 | 2 | 51 | 9 | 302 | 362 |
| So. WV Comm & Tech College | 3 | 6 | 0 | 1 | 0 | 15 | 0 | NA | 0 | 1 | 9 | 3 | 0 | 4 | 0 | 42 | 5 | 25 | 72 |
| West Liberty State College | 0 | 2 | 0 | 9 | 0 | 7 | 1 | 0 | NA | 78 | 1 | 19 | 0 | 0 | 6 | 123 | 20 | 125 | 268 |
| WV Northern Community College | 0 | 0 | 0 | 9 | 3 | 10 | 1 | 1 | 47 | NA | 0 | 19 | 1 | 2 | 3 | 96 | 14 | 61 | 171 |
| West Virginia State College | 0 | 6 | 0 | 14 | 10 | 64 | 1 | 28 | 0 | 2 | NA | 11 | 2 | 28 | 14 | 180 | 30 | 100 | 310 |
| West Virginia University | 11 | 16 | 0 | 45 | 12 | 43 | 23 | 9 | 12 | 8 | 14 | NA | 79 | 16 | 36 | 324 | 41 | 474 | 839 |
| Potomac State College of WVU | 1 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | NA | 0 | 0 | 10 | 1 | 23 | 34 |
| WVU Institute of Technology | 1 | 9 | 0 | 9 | 9 | 27 | 1 | 32 | 1 | 2 | 59 | 19 | 1 | NA | 13 | 183 | 32 | 7 | 222 |
| WVU at Parkersburg | 0 | 2 | 0 | 7 | 11 | 27 | 1 | 4 | 5 | 9 | 11 | 20 | 0 | 11 | NA | 108 | 15 | 42 | 165 |
| TOTAL | 53 | 110 | 6 | 128 | 108 | 262 | 94 | 176 | 75 | 118 | 188 | 282 | 145 | 103 | 123 | 1,971 | 318 | 1,927 | 4,216 |

Participation

1 2 3 4 5 6 7 8 9

While it is important for students to go to college, the number of West Virginians with a college degree cannot increase unless students stay in college to complete their programs. The freshmen-to-second-year retention and success rate is a good early indicator of whether or not an institution will be successful in bringing a freshman class along toward degree completion. Only 67.4% of freshmen who began college in Fall 2001 returned to the same institution in Fall 2002.

An even smaller proportion of students, 28.1%, begin their second year with 30 or more hours earned. When we consider that at least 120 credit hours are required for the completion of bachelor's degree, this result is not encouraging to those students who hope to get their degrees in four years.

The low number of hours completed is a result of two factors. First, many freshman take less than 15 hours a semester. Second, it is common for the hours earned to be less than the hours attempted due to withdrawals and unsatisfactory course outcomes.

First to Second Year Retention and Academic Progress, Fall 2001 to Fall 2002

| | Number in Fall 2001 Cohort | % Retained by Institution | % Transfer to Another Institution | % Not Retained | % Returning with 30 or More Hours in Fall 2002 |
|-------------------------------------|----------------------------|---------------------------|-----------------------------------|----------------|--|
| Bluefield State College | 392 | 57.4 | 5.6 | 37.0 | 13.5 |
| Concord College | 646 | 63.4 | 7.6 | 29.0 | 26.2 |
| Eastern WV Comm and Tech. College | 2 | 50.0 | - | 50.0 | - |
| Fairmont State | 1,046 | 66.1 | 4.3 | 29.6 | 25.8 |
| Glenville State College | 471 | 60.1 | 6.4 | 33.5 | 28.9 |
| Marshall University | 2,085 | 69.9 | 5.8 | 24.3 | 28.2 |
| Shepherd College | 647 | 62.6 | 4.6 | 32.8 | 20.1 |
| Southern WV Comm. and Tech. College | 448 | 55.4 | 8.0 | 36.6 | 13.8 |
| West Liberty State College | 525 | 72.6 | 6.7 | 20.7 | 39.8 |
| WV Northern Community College | 246 | 52.4 | 4.1 | 43.5 | 16.7 |
| West Virginia State College | 639 | 55.7 | 5.3 | 39.0 | 11.0 |
| West Virginia University | 3,617 | 77.2 | 3.2 | 19.6 | 36.6 |
| Potomac State College of WVU | 420 | 52.1 | 8.6 | 39.3 | 31.9 |
| WVU Institute of Technology | 443 | 60.1 | 8.1 | 31.8 | 25.1 |
| WVU at Parkersburg | 429 | 60.4 | 4.4 | 35.2 | 18.7 |
| All First-Time, Full-Time Freshmen | 12,056 | 67.4 | 5.1 | 27.5 | 28.1 |

Participation

1 2 3 4 5 6 7 8 9

In recent years, West Virginia public higher education has been encouraging adequately prepared high school students to enroll in college courses while they are in high school. Our institutions have responded by greatly increasing the opportunities for high school students to get an early start in college. Although these figures fluctuate from year to year, there has been a steady overall increase statewide over recent years.

In Fall 1998, there were 2,850 high school students taking college courses. By Fall 2002, there were 4,480, a 57% increase. Thirteen out of fourteen institutions experienced increases in the number of high school students enrolled.

The full-time equivalent enrollment also increased over this period, with 789 in Fall 1998 and 1,280 in Fall 2002. This is an overall increase of 62%, with almost all institutions increasing the full-time equivalent enrollment of high school students taking college courses.

High School Headcount and FTE Enrollment in Colleges, Fall 1998 and Fall 2002

| | Headcount | | | Full-time Equivalent | | |
|-------------------------------------|--------------|--------------|------------|----------------------|-----------------|------------|
| | Fall 1998 | Fall 2002 | % Change | Fall 1998 | Fall 2002 | % Change |
| Bluefield State College | 32 | 139 | 334% | 7.53 | 37.80 | 402% |
| Concord College | 135 | 294 | 118% | 55.63 | 126.20 | 127% |
| Eastern WV Comm. and Tech. College | NA | 109 | NA | NA | 31.00 | NA |
| Fairmont State | 530 | 450 | -15% | 139.87 | 117.60 | -16% |
| Glenville State College | 130 | 190 | 46% | 30.87 | 47.80 | 55% |
| Marshall University | 247 | 436 | 77% | 68.80 | 133.33 | 94% |
| Shepherd College | 138 | 223 | 62% | 32.40 | 58.00 | 79% |
| Southern WV Comm. and Tech. College | 262 | 355 | 35% | 81.47 | 113.20 | 39% |
| West Liberty State College | 10 | 22 | 120% | 2.00 | 4.27 | 114% |
| WV Northern Community College | 342 | 539 | 58% | 87.63 | 144.73 | 65% |
| West Virginia State College | 292 | 475 | 63% | 90.67 | 139.93 | 54% |
| West Virginia University | 62 | 194 | 213% | 18.53 | 47.60 | 157% |
| Potomac State College of WVU | 246 | 371 | 51% | 74.47 | 105.27 | 41% |
| WVU Institute of Technology | 138 | 212 | 54% | 28.13 | 51.40 | 83% |
| WVU at Parkersburg | 286 | 471 | 65% | 71.13 | 122.00 | 72% |
| Total | 2,850 | 4,480 | 57% | 789.07 | 1,280.13 | 62% |

*Eastern WV Community and Technical College did not begin enrolling students until Fall 2001.

Affordability

West Virginia Tuition and Fees Compared to Peer and National Levels, 2003-04

College costs can be an obstacle for students trying to begin and continue their education. Tuition revenue is also an important part of revenues for higher education institutions. Comparisons between West Virginia tuition and fee levels and those of schools in other states are useful in determining whether tuitions are set at the proper level. Our annual tuition and fees are compared to the averages for national public two-year and four-year institutions, as well as institutions tracked by the Southern Regional Education Board.

Results vary by school, but the West Virginia-to-SREB ratios vary from a low of 67% at WVU at Parkersburg's 4-year component, and a high of 197% at WVU Institute of Technology's Community and Technical College. National averages reflect higher tuition rates encountered outside of the southern region.

| | WV Tuition | SREB Public Institutions SREB Mean Tuition | Ratio | National Public Institutions National Tuition Average | Ratio |
|---------------------------------|------------|--|-------|---|-------|
| Two-Year Campuses | | | | | |
| Bluefield CTC | \$2,506 | \$1,488 | 168% | \$1,905 | 132% |
| Eastern WV CTC | \$1,560 | \$1,488 | 105% | \$1,905 | 82% |
| Fairmont State CTC | \$2,712 | \$1,488 | 182% | \$1,905 | 142% |
| Marshall University CTC | \$2,732 | \$1,488 | 184% | \$1,905 | 143% |
| Shepherd CTC | \$2,858 | \$1,488 | 192% | \$1,905 | 150% |
| Southern WV CTC | \$1,560 | \$1,488 | 105% | \$1,905 | 82% |
| WV Northern CC | \$1,680 | \$1,488 | 113% | \$1,905 | 88% |
| WV State CTC | \$2,590 | \$1,488 | 174% | \$1,905 | 136% |
| Potomac State College of WVU | \$2,192 | \$1,488 | 147% | \$1,905 | 115% |
| WVU Institute of Technology CTC | \$2,934 | \$1,488 | 197% | \$1,905 | 154% |
| WVU at Parkersburg | \$1,620 | \$1,488 | 109% | \$1,905 | 85% |
| Four-Year Campuses | | | | | |
| Bluefield State College | \$2,806 | \$3,253 | 86% | \$4,694 | 60% |
| Concord College | \$3,198 | \$3,253 | 98% | \$4,694 | 68% |
| Fairmont State College | \$3,130 | \$3,253 | 96% | \$4,694 | 67% |
| Glenville State College | \$2,952 | \$3,253 | 91% | \$4,694 | 63% |
| Marshall University | \$3,260 | \$3,253 | 100% | \$4,694 | 69% |
| Shepherd College | \$3,270 | \$3,253 | 101% | \$4,694 | 70% |
| West Liberty State College | \$3,138 | \$3,253 | 96% | \$4,694 | 67% |
| West Virginia State College | \$2,970 | \$3,253 | 91% | \$4,694 | 63% |
| West Virginia University | \$3,548 | \$3,253 | 109% | \$4,694 | 76% |
| WVU Institute of Technology | \$3,334 | \$3,253 | 102% | \$4,694 | 71% |
| WVU at Parkersburg | \$2,166 | \$3,254 | 67% | \$4,695 | 46% |

Affordability

1 2 3 4 5 6 7 8 9

Net Tuition Revenue per Full-Time Equivalent Student, 2001-02

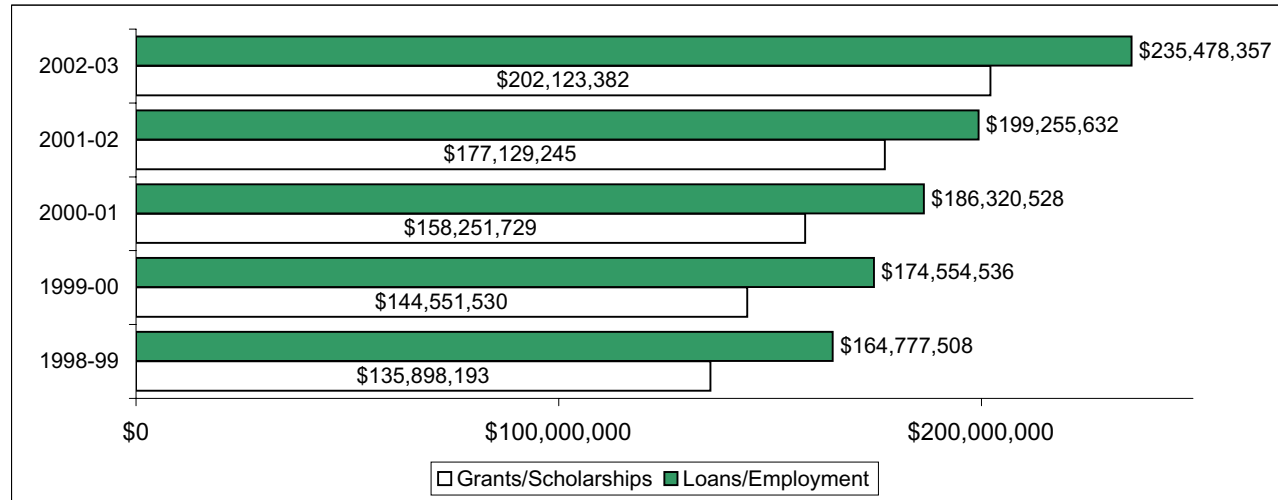
Annual tuition and fee levels are useful in determining how much of the cost of higher education must be paid by the student in the absence of financial aid received. However, from the institutional perspective, it is more useful to look at tuition revenue received per full-time equivalent student. The reduction in tuition revenue when the institutions give institution-based aid to students must also be considered.

| | Total Tuition Revenue per FTE | Net Tuition Revenue per FTE | Ratio of Net Tuition Revenue to Total Tuition Revenue |
|-----------------------------------|-------------------------------|-----------------------------|---|
| Bluefield State College | \$2,905 | \$2,791 | 96% |
| Concord College | \$2,881 | \$2,304 | 80% |
| Eastern WV Comm & Tech College | \$3,686 | \$3,686 | 100% |
| Fairmont State | \$2,649 | \$2,649 | 100% |
| Glenville State College | \$2,790 | \$2,654 | 95% |
| Marshall University | \$3,941 | \$2,801 | 71% |
| Shepherd College | \$3,302 | \$3,112 | 94% |
| So. WV Comm & Tech College | \$1,495 | \$1,423 | 95% |
| West Liberty State College | \$3,426 | \$3,426 | 100% |
| WV Northern Community College | \$1,085 | \$969 | 89% |
| WV School of Osteopathic Medicine | \$19,934 | \$18,879 | 95% |
| West Virginia State College | \$2,661 | \$1,738 | 65% |
| West Virginia University | \$5,728 | \$5,190 | 91% |
| Potomac State College of WVU | \$2,504 | \$1,817 | 73% |
| WVU Institute of Technology | \$2,806 | \$2,806 | 100% |
| WVU at Parkersburg | \$1,887 | \$1,859 | 99% |

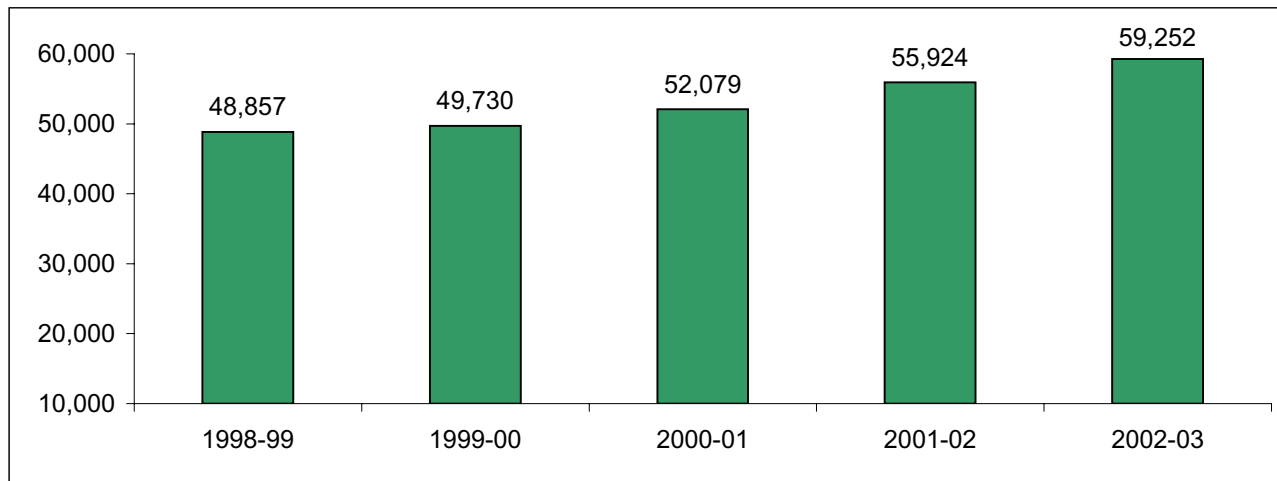
Affordability

1 2 3 4 5 6 7 8 9

**Total Undergraduate Student Aid Total Dollars Awarded
From All Major Aid Sources, Public and Private Institutions**



**Total Number of Undergraduate Students
Served by Some Form of Student Aid, Public and Private Institutions**



The number of undergraduate students receiving aid and the dollars awarded from major aid sources has been steadily increasing over the last five years. In 2002-03, grants and scholarships were \$202 million, up from \$136 million in 1998-99. This represents a 49% increase. Over the same period, loans/employment have increased by 43%, from \$165 million to \$235 million.

Similarly, the number of undergraduates served has increased from 48,857 to 59,252 in 2002-03. This is an increase of 21%.

Affordability

1 2 3 4 5 6 7 8 9

Finding a way to pay for a college education does not have to be a stumbling block. Whether you want to attend a two-year community college or a four-year university, or if you want to be a part-time or full-time student, West Virginia has a wide array of financial aid programs for students pursuing a postsecondary education.

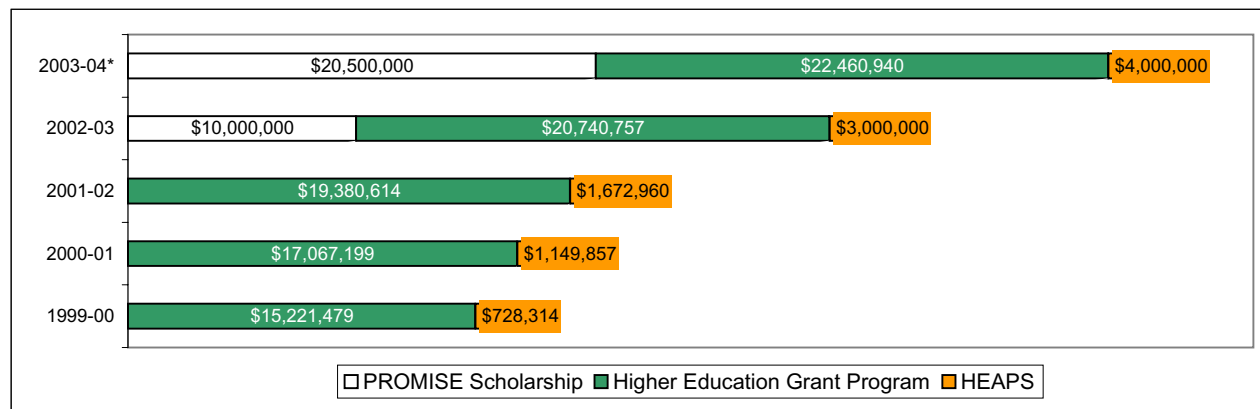
Financial assistance is offered through a variety of programs. The three primary programs are the need-based Higher Education Grant Program, the merit-based Providing Real Opportunities for Maximizing In-State Student Excellence (PROMISE) Scholarship Program, and the Higher Education Adult Part-Time Students Grant (HEAPS).

The Grant Program offers awards up to \$2,846 to qualified students who have demonstrated financial need. The PROMISE Scholarship awards a full tuition and fee scholarship to qualified students. HEAPS provides up to \$3,012 to needy part-time students.

There are other scholarship programs designed to help students pursue careers in specific fields such as education, medicine and engineering, science and technology.

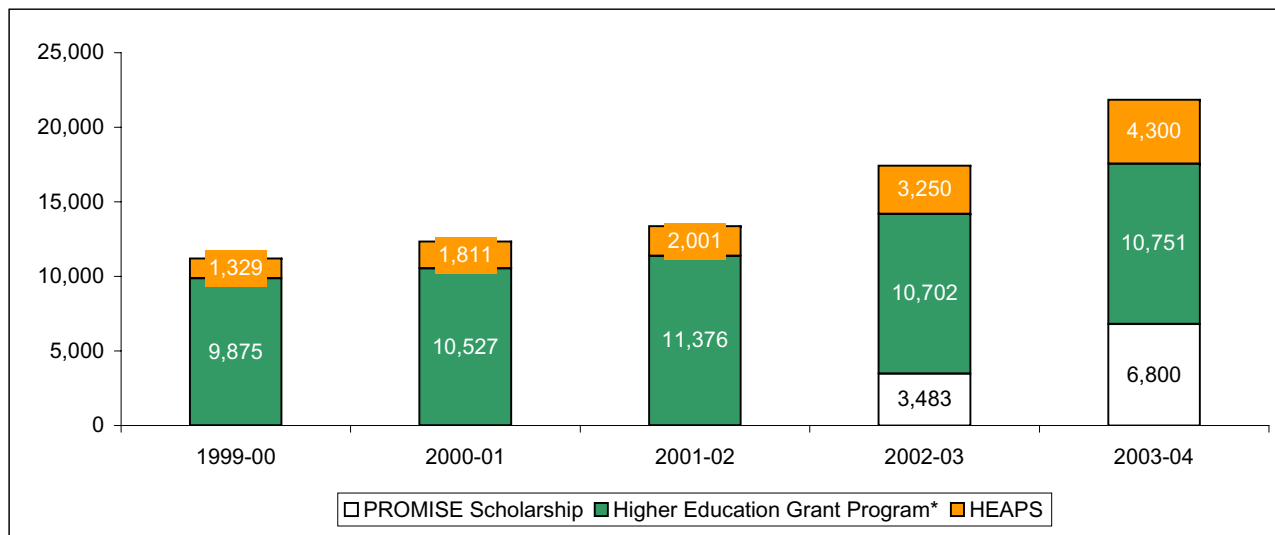
Together with the State Treasurer's college savings program (e.g., Smart 529), West Virginia has a financial aid toolkit that can help make college affordable for thousands of West Virginia students.

Higher Education Grant Program and PROMISE Scholarship and HEAPS Total Dollars Awarded



* 2003-04 Available funds

Higher Education Grant Program, PROMISE Scholarship and HEAPS Recipients



Note: Total for 2003-04 HEGP is as of November 2003; total will increase by year's end.

Workforce Development

1 2 3 4 5 6 7 8 9

Job Training and Customized Employer Training Outcomes, 2002-03

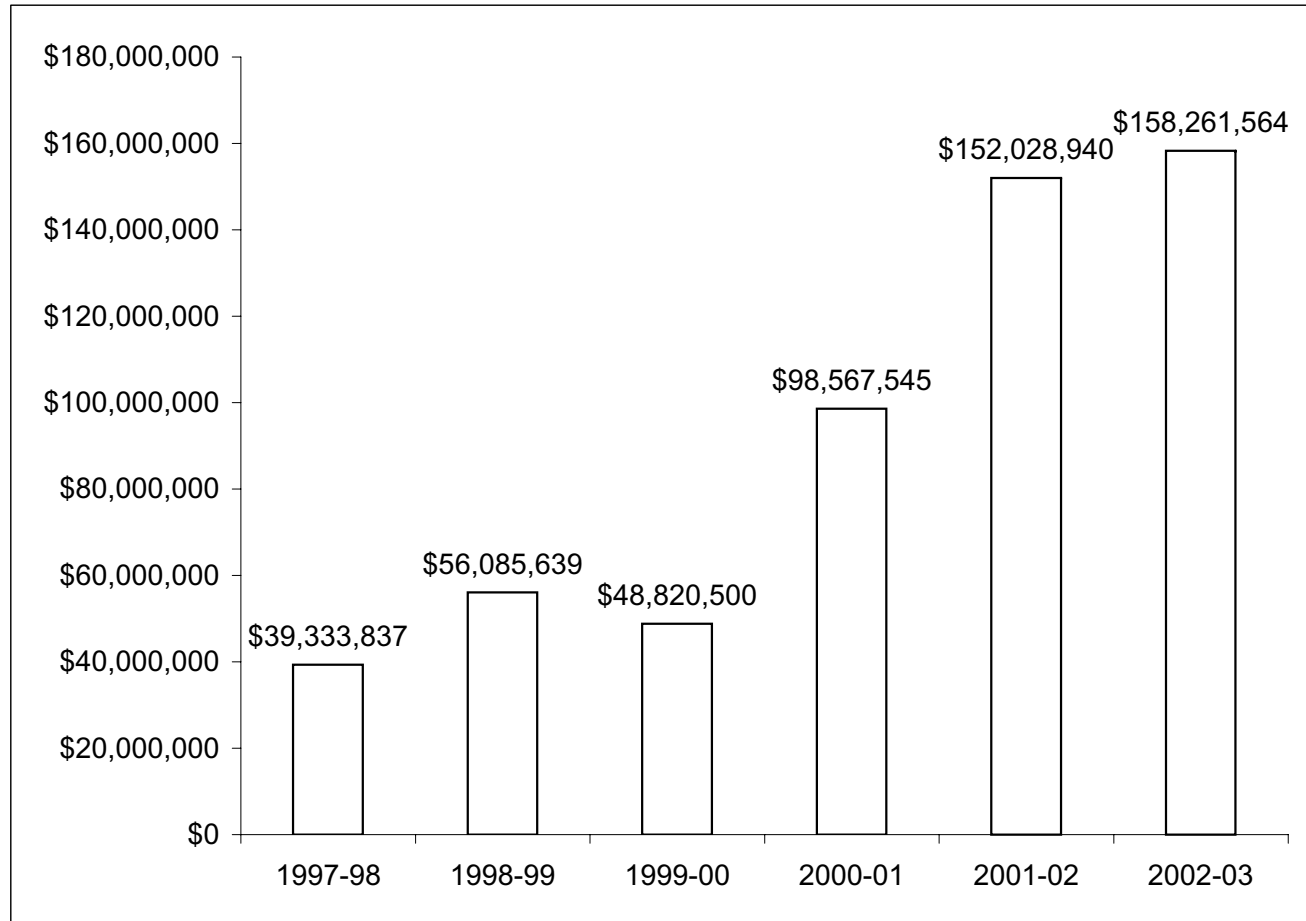
| Institution | Number of Customized Training Programs Delivered to Employers | | Enrollees in Customized Training Programs | Training Contact Hours Delivered | Number of Courses in Entrepreneurship |
|---------------------------------|---|--------------|---|----------------------------------|---------------------------------------|
| | Credit | Non Credit | | | |
| Bluefield State College CTC | 11 | 87 | 2,203 | 52,753 | 16 |
| Eastern WV CTC | 10 | 58 | 678 | 10,405 | 13 |
| Fairmont State CTC | 132 | 132 | 1,768 | 24,724 | 57 |
| Glenville State College CTC | 0 | 17 | 224 | 209 | 2 |
| Marshall University CTC | 13 | 256 | 3,235 | 88,939 | 13 |
| Southern WV CTC | 0 | 97 | 975 | 5,285 | 7 |
| Shepherd College CTC | 82 | 337 | 3,370 | 17,422 | 40 |
| WV Northern CC | 91 | 78 | 1,993 | 48,663 | 32 |
| West Virginia State College CTC | 45 | 122 | 2,280 | 34,175 | 11 |
| WVU Institute of Technology CTC | 7 | 104 | 1,270 | 17,597 | 39 |
| WVU at Parkersburg | 27 | 145 | 2,287 | 29,015 | 14 |
| Total | 418 | 1,433 | 20,283 | 329,187 | 244 |

Workforce Development

1 2 3 4 5 6 7 8 9

Research Grants and Contracts, 1997-2002

The total amount of research grants and contracts for West Virginia institutions has been fluctuating from 1997-98 to 1999-2000. The total increased to over \$98 million in 2000-01, followed by another significant increase in 2001-02 to \$152,028,940 and another slight increase to \$158,261,564. The total amount of research dollars brought in from outside sources is a measure of the research activity undertaken by West Virginia institutions. Research has a link to both graduate education outcomes and economic development within the state. It would be a good sign in both areas if this recent increase in research funding continues in the future.



Education Outcomes

1 2 3 4 5 6 7 8 9

Full-Time Equivalent Students Per Full-Time Equivalent Faculty

| | Fall 1998 | Fall 1999 | Fall 2000 | Fall 2001 | Fall 2002 |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Bluefield State College | 18.6 | 18.1 | 18.5 | 18.4 | 19.3 |
| Concord College | 20.5 | 21.4 | 22.4 | 22.2 | 22.3 |
| Eastern WV Community & Tech. College | NA | NA | NA | NA | 21.6 |
| Fairmont State | 19.6 | 19.4 | 18.6 | 19.1 | 19.5 |
| Glenville State College | 18.1 | 17.3 | 17.0 | 18.1 | 16.5 |
| Marshall University | 17.0 | 16.1 | 16.2 | 14.2 | 16.6 |
| Shepherd College | 18.4 | 19.3 | 18.3 | 18.0 | 19.3 |
| Southern WV Comm. & Tech. College | 20.8 | 19.0 | 18.5 | 18.7 | 20.6 |
| West Liberty State College | 20.4 | 20.7 | 20.2 | 20.2 | 20.8 |
| WV Northern Community College | 15.6 | 17.5 | 17.1 | 19.1 | 20.2 |
| WV School of Osteopathic Medicine | 6.8 | 7.7 | 7.5 | 7.7 | 8.5 |
| West Virginia State College | 19.0 | 19.8 | 18.8 | 19.3 | 19.3 |
| West Virginia University | 13.1 | 13.4 | 11.8 | 17.0 | 17.7 |
| Potomac State College of WVU | 18.1 | 19.2 | 18.1 | 22.7 | 21.6 |
| WVU Institute of Technology | 14.4 | 15.3 | 15.7 | 15.5 | 14.4 |
| WVU at Parkersburg | 19.5 | 19.5 | 18.1 | 18.1 | 17.3 |
| TOTAL | 16.0 | 16.1 | 15.2 | 17.0 | 18.0 |

The ratio of full-time equivalent students to full-time equivalent faculty is a rough measure of the productivity of both the full-time and part-time faculty employed by a college or university. Over the last five years, the statewide student/faculty ratio has increased from 16:0 to 18:0. This increase was largely fueled by changes at the state's largest institution, West Virginia University, which increased its student/faculty ratio from 13:1 to 18:1. There is no definite pattern in this ratio over time for all state institutions.

Education Outcomes

1 2 3 4 5 6 7 8 9

Focus on Instruction, Research, and Public Service, 2001-02

Educational and general (E&G) expenditures are the portion of an institution's budget spent on functions including instruction, research, and public service. The proportion of total E&G expenditures spent on these functions is a rough measure of how focused an institution is on fulfilling its mission in these areas.

The institutional "Total E&G Expenditures" figures shown on this page is an adjusted amount of total E&G reported, less scholarships and fellowships.

| | Instruction as % of Total E&G Expenditures | | Research and Public Service as % of Total E&G Expenditures | | Total of Instruction, Research and Public Service as % of Total E&G Expenditures | |
|-------------------------------------|--|-------------|--|-------------|--|-------------|
| | WV Institution | Peer Median | WV Institution | Peer Median | WV Institution | Peer Median |
| Bluefield State College | 40.0% | 42.5% | 3.5% | 2.9% | 43.5% | 47.0% |
| Concord College | 38.2% | 34.8% | 1.1% | 4.0% | 39.3% | 42.0% |
| Fairmont State | 39.2% | 36.5% | 9.2% | 3.6% | 48.5% | 40.6% |
| Glenville State College | 33.1% | 40.9% | 0.0% | 2.3% | 33.1% | 43.7% |
| Marshall University | 36.3% | 36.7% | 15.8% | 14.8% | 52.1% | 55.8% |
| Shepherd College | 31.2% | 36.5% | 1.0% | 3.0% | 32.3% | 40.9% |
| Southern WV Comm. and Tech. College | 34.6% | 39.2% | 17.1% | 12.3% | 51.7% | 49.8% |
| West Liberty State College | 34.7% | 36.7% | 0.9% | 5.7% | 35.6% | 41.1% |
| WV Northern Community College | 41.5% | 32.9% | 3.1% | 12.3% | 44.6% | 39.0% |
| West Virginia State College | 34.6% | 32.2% | 7.3% | 5.4% | 41.9% | 41.6% |
| West Virginia University | 28.7% | 29.7% | 25.8% | 28.8% | 54.5% | 59.7% |
| Potomac State College of WVU | 36.2% | 41.0% | 0.6% | 0.7% | 36.8% | 41.1% |
| WVU Institute of Technology | 40.6% | 40.7% | 6.8% | 3.8% | 47.4% | 44.7% |
| WVU at Parkersburg | 53.2% | 40.6% | 0.7% | 2.9% | 53.9% | 45.3% |

Education Outcomes

1 2 3 4 5 6 7 8 9

The percentage of students who earn degrees within 150% of the usual graduation time indicates how well students are prepared and also how well the institution helps their students make progress. Each institution identifies a group of first-time, full-time students who are seeking a degree. Four-year colleges report the percentage of bachelor's degree-seeking students who obtain a four-year degree within six years, while two-year colleges report the percentage of certificate or associate's degree-seeking students who obtain a degree within three years.

Statewide, 45% of the students who began in Fall 1996 as first-time, full-time, bachelor's degree-seeking students earned a four-year degree. The graduation rate was 13% for the first-time, full-time, certificate or associate's degree-seeking students who began attending West Virginia's two-year colleges in Fall 1998. The rate increased to 14% in 1999. The reason for the low graduation rate could be attributed to students who are working and attending school on a part-time basis.

Graduation Rates of First-Time, Full-Time, Degree-Seeking Freshmen

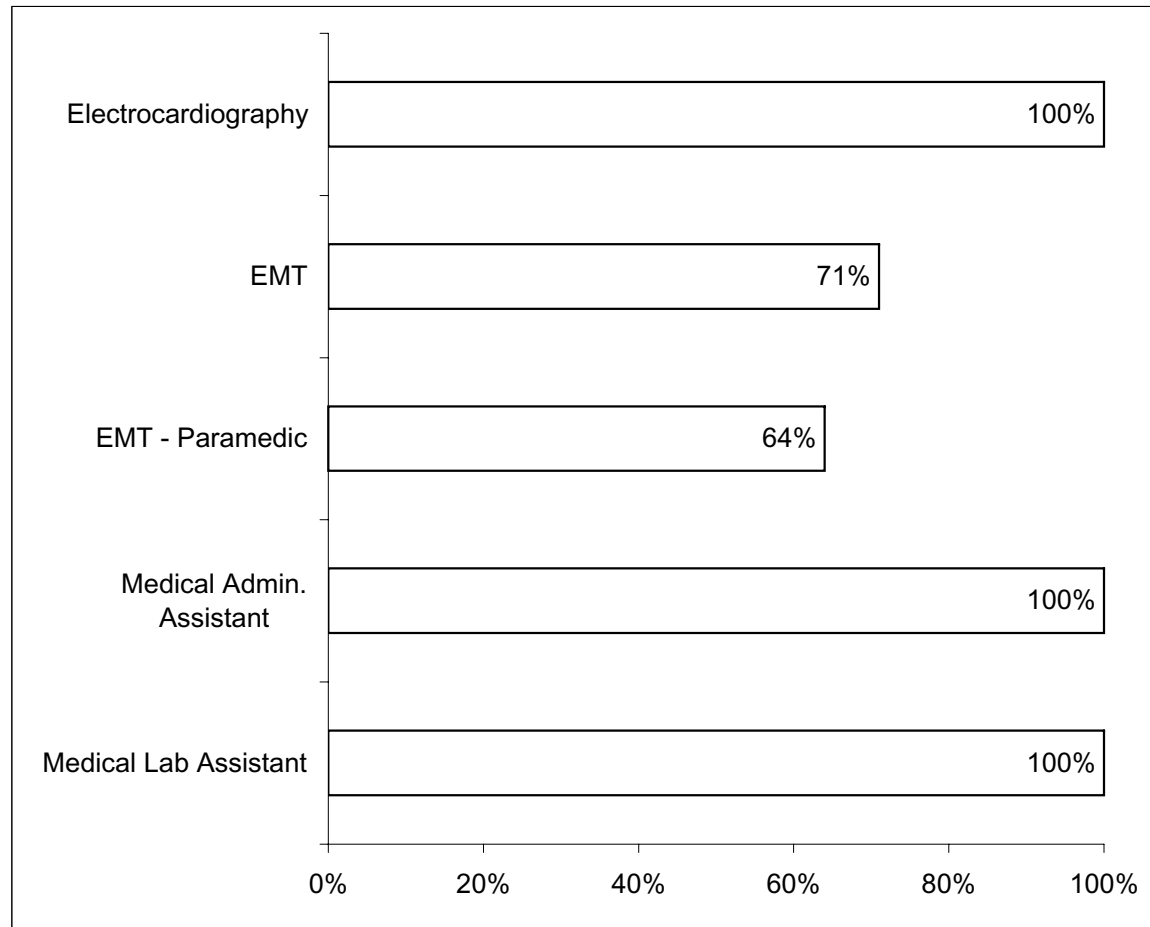
| Four-Year Institutions | Number in Fall 1996 Cohort | Completed Bachelor's Degree at Same Institution | Graduate Rate |
|-----------------------------|----------------------------|---|---------------|
| Bluefield State College | 67 | 40 | 60% |
| Concord College | 579 | 160 | 28% |
| Fairmont State College | 541 | 182 | 34% |
| Glenville State College | 226 | 61 | 27% |
| Marshall University | 1,740 | 611 | 35% |
| Shepherd College | 535 | 215 | 40% |
| West Liberty State College | 464 | 185 | 40% |
| West Virginia State College | 439 | 74 | 17% |
| West Virginia University | 3,065 | 1,682 | 55% |
| WVU Institute of Technology | 255 | 83 | 33% |
| WVU at Parkersburg | 59 | 16 | 27% |
| Total | 7,970 | 3,309 | 42% |

| Community Colleges | Number in Fall 1999 Cohort | Completed Certificate or Associate's Degree at Same Institution | Graduate Rate |
|---|----------------------------|---|---------------|
| Bluefield State Community & Tech. College | 331 | 32 | 10% |
| Fairmont State Community & Tech. College | 462 | 34 | 7% |
| Glenville State Community & Tech. College | 235 | 19 | 8% |
| Marshall University Community & Tech. College | 272 | 50 | 18% |
| Shepherd Community & Tech. College | 109 | 12 | 11% |
| Southern WV Comm. And Tech. College | 698 | 118 | 17% |
| West Virginia Northern Community College | 278 | 39 | 14% |
| West Virginia State Community & Tech. College | 127 | 11 | 9% |
| Potomac State College of WVU | 352 | 86 | 24% |
| WVU Institute of Technology Community & Tech. College | 137 | 29 | 21% |
| WVU at Parkersburg | 358 | 36 | 10% |
| Total | 3,359 | 466 | 14% |

Education Outcomes

1 2 3 4 5 6 7 8 9

**Pass Rates of Undergraduate Certificate Completers
on Licensure/Certification Examinations
(Exams Taken July 1, 2002 - June 30, 2003)**



Overall Pass Rate: 77%

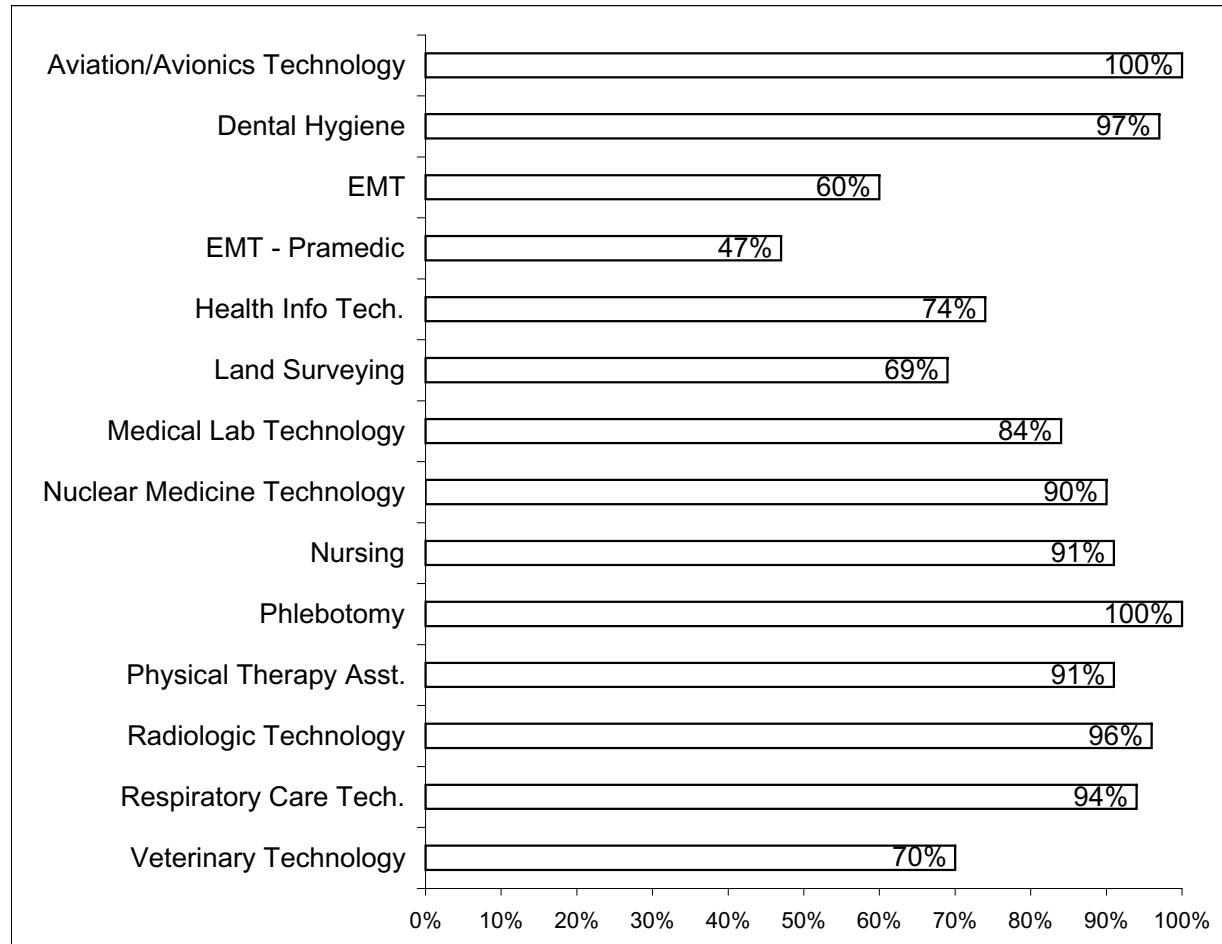
Upon completion of many career-oriented programs of study, students take nationally-certified exams that measure their ability to succeed in their chosen occupation. These exams exist for all levels of programs, from undergraduate certificates to graduate and first professional. The pass rates for these exams are an important indicator of how well our institutions are preparing graduates to enter the workforce.

The overall rate for exams taken at the undergraduate certificate level is 77%, with a low of 64% for EMT-Paramedic to a high of 100% for Electrocardiography, Medical Administrative Assistant, and Medical Lab Assistant.

Education Outcomes

1 2 3 4 5 6 7 8 9

**Pass Rates of Associate Degree Completers
on Licensure/Certification Examinations
(Exams Taken July 1, 2002 - June 30, 2003)**



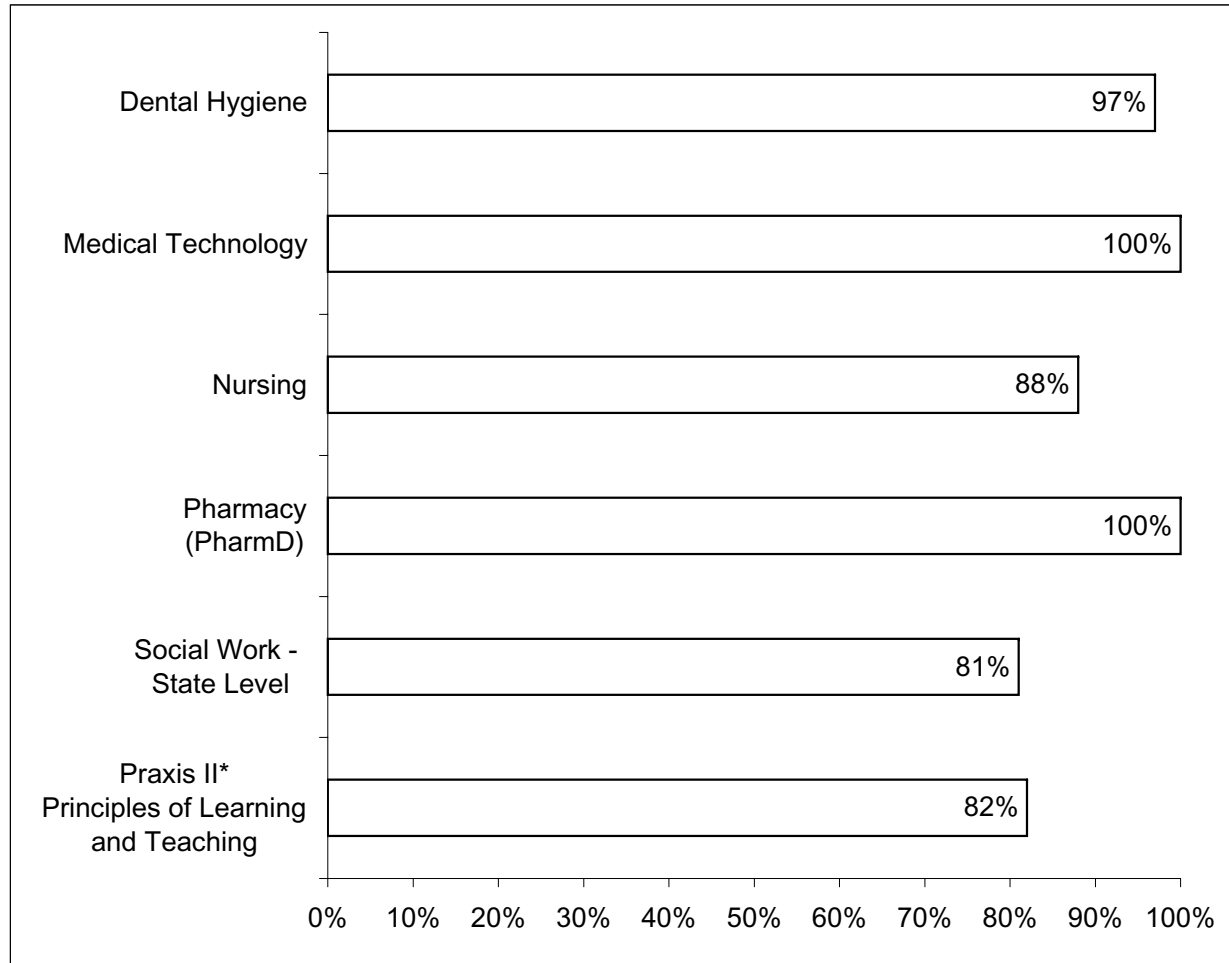
Overall Pass Rate: 89%

Statewide data was available for 14 licensure exams at the associate's level. The overall pass rate is 89%, ranging from a low of 47% for Emergency Medical Technology to highs of 100% for Aviation/Avionics Technology and Phlebotomy.

Education Outcomes

1 2 3 4 5 6 7 8 9

**Pass Rates of Baccalaureate Degree Completers
on Licensure/Certification Examinations
(Exams Taken July 1, 2002 - June 30, 2003)**



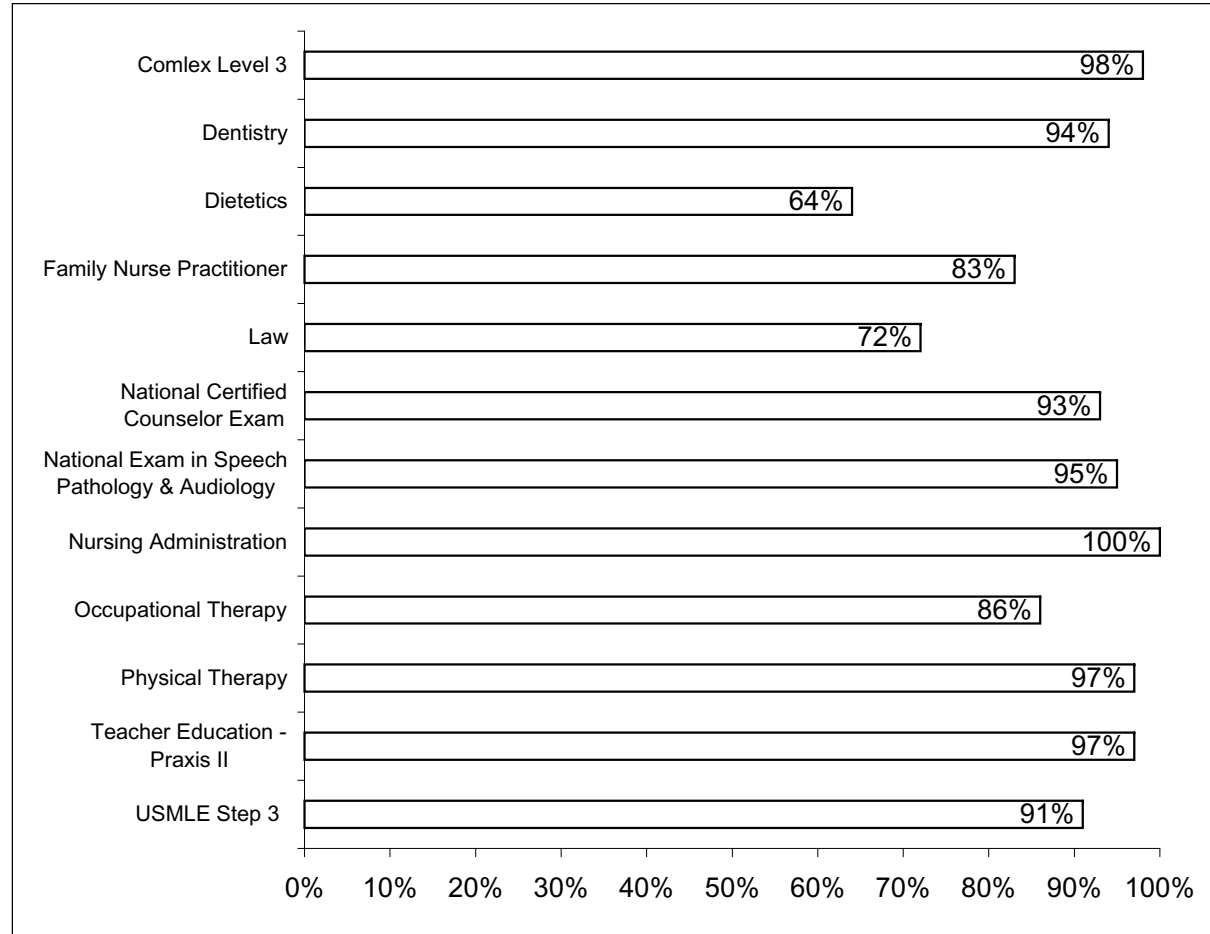
Data for six licensure exams were available at the bachelor's level. The overall pass rate is 85%, with a low of 81% for (State) Social Work and a high of 100% for Medical Technology and Pharmacy (PharmD).

*Exam taken between 9/1/01 and 8/31/02

Education Outcomes

1 2 3 4 5 6 7 8 9

**Pass Rates of Graduate/First Professional Degree Completers
on Licensure/Certification Examinations
(Exams Taken July 1, 2002 - June 30, 2003)**

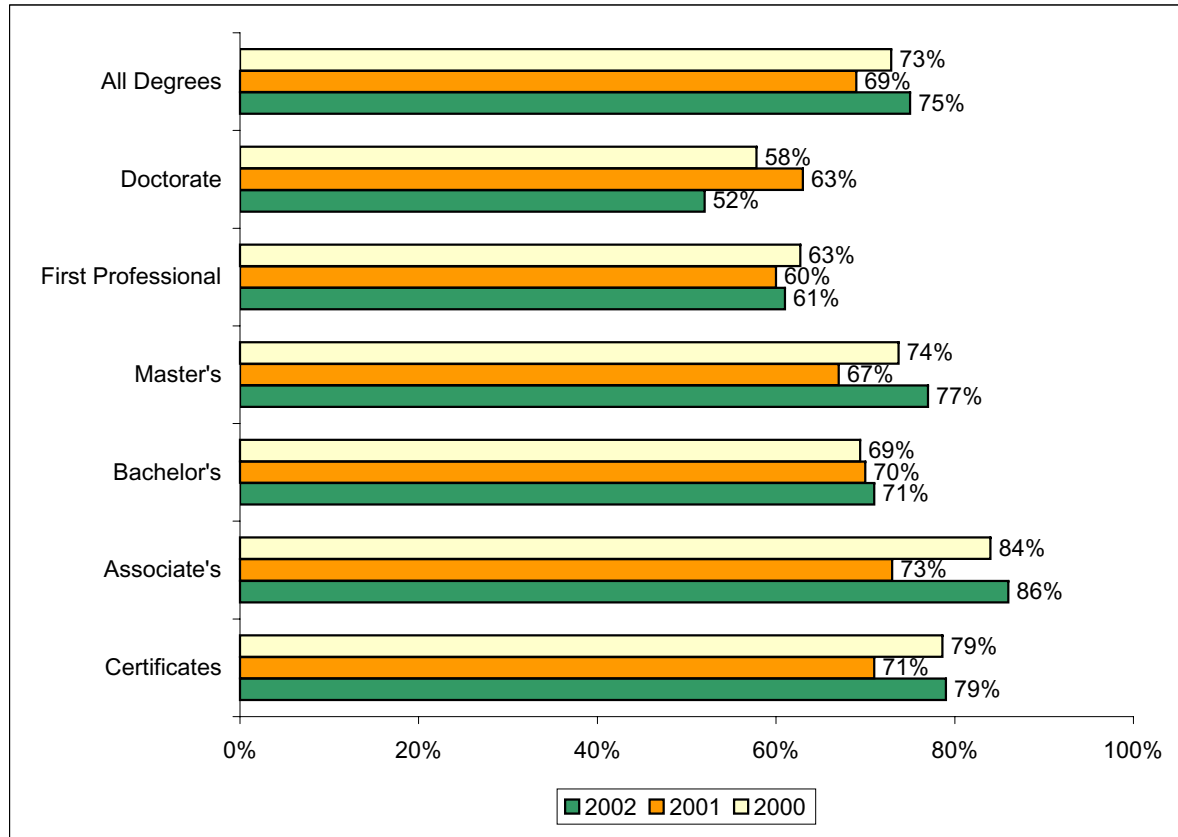


Data was available for 12 licensure exams taken at the graduate and first professional level. The overall pass rate is 92%, with a low of 64% in Dietetics and a high of 100% in Nursing Administration.

Overall Pass Rate: 92%

Education Outcomes

Resident Graduates Working or in College in West Virginia after Graduation*

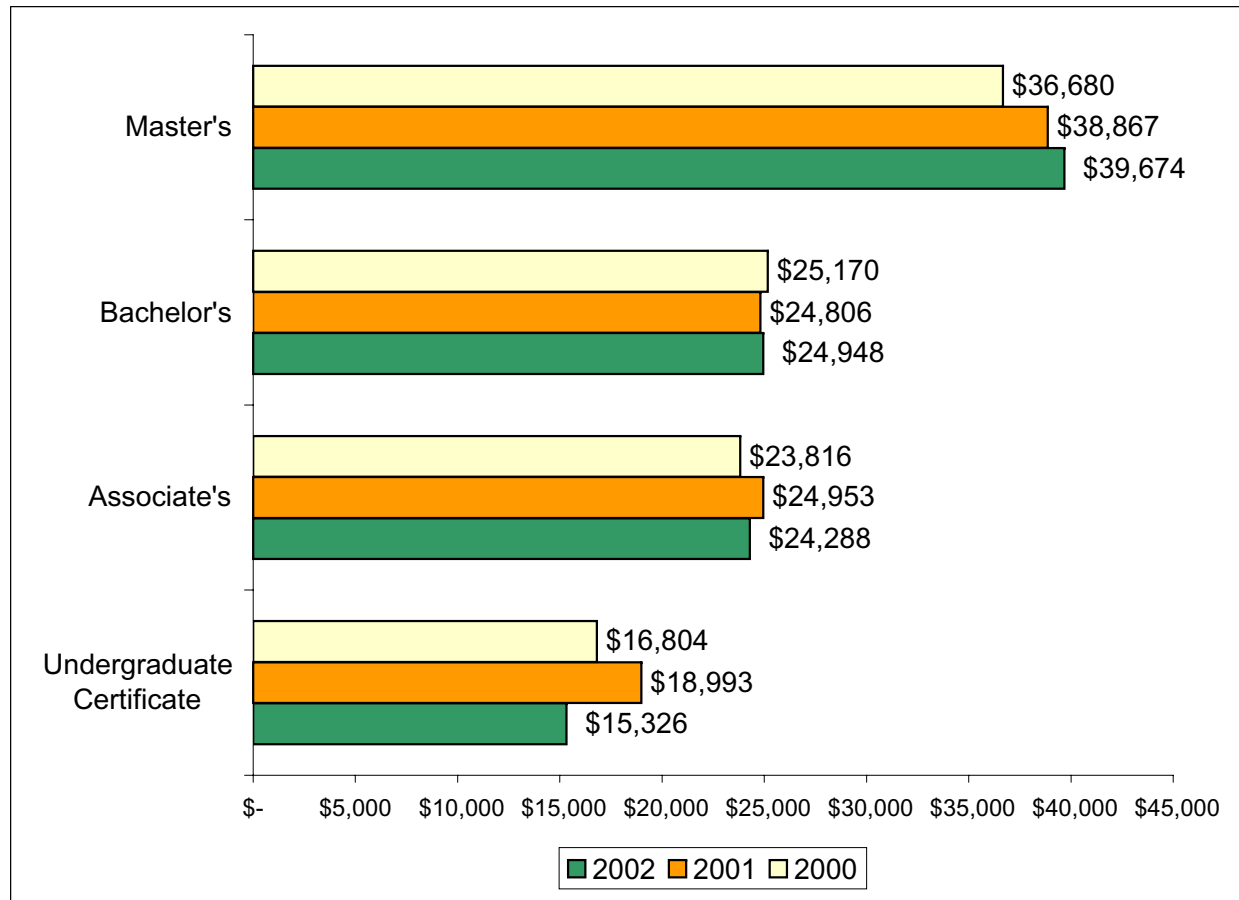


* Results are for the 1998-99 graduating class in 2000, 1999-2000 graduating class in 2001, and 2000-2001 graduating class in 2002.

If West Virginia's educational attainment is to come closer to the national level, the number of degrees earned by West Virginians must increase and the people who earn these degrees must stay in the state. Seventy-five percent of recent college graduates remained in West Virginia in 2002 to work or attend school. This is an increase from the 69% retention rate for the prior year. The retention rate for bachelor's degree recipients has increased from 70% to 71% and the rate for associate's degree recipients increased from 73% to 86%.

Education Outcomes

Average Earnings of Resident Graduates Working in West Virginia*



Increased earnings are among the most important benefits of higher education. In 2000, bachelor's degree recipients earned about \$1,300 more than those with associate's degrees. In 2001, the pattern was reversed, with associate's degree recipients earning about \$150 more on average. In 2002, the trend reversed once again. Fluctuations in associate's earnings can be attributed to the demand for certain types of degree recipients, although bachelor's degree recipients will tend to earn more over the long run.

* Results are for the 1998-99 graduating class in 2000, the 1999-2000 graduating class in 2001, and the 2000-01 graduating class in 2002.