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## HIGHER EDUCATION REPORT CARD 2005

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## WEST VIRGINIA COUNCIL FOR COMMUNITY AND TECHNICAL COLLEGE EDUCATION



# Statewide Public Higher Education

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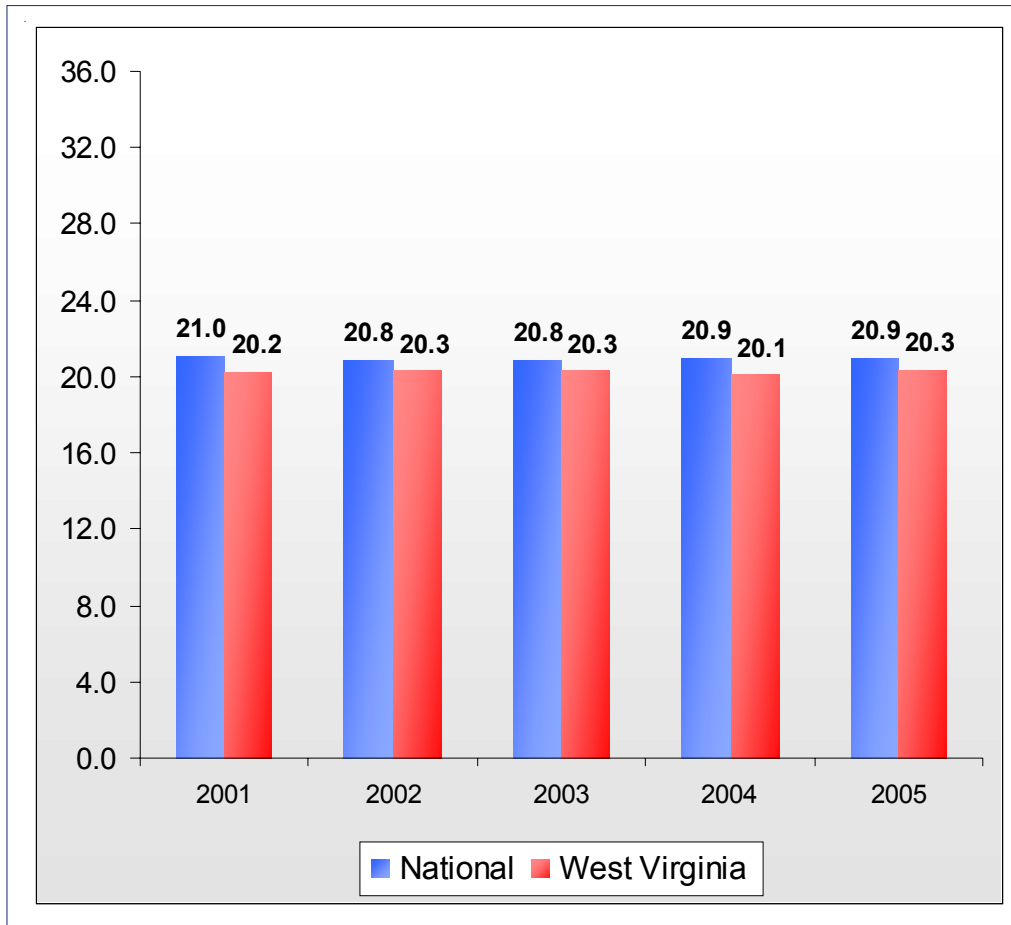
## AFFORDABILITY

- 7 Total Undergraduate Student Aid Dollars Awarded From All Major Aid Sources, Public and Private Institutions
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## OUTCOMES

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- 10 Average First-Year Earnings of Resident College Graduates Working in West Virginia, 2002-2004

## ACT Composite Scores, 2001-2005



COMMENTARY

In recent years, West Virginia high school students have improved their performance on the ACT exam and have been steadily approaching the national average on ACT composite scores. In 2001, the gap between West Virginia test-takers and the national average was eight-tenths of a point. As of 2005, the gap was at six-tenths of a point. Performance-based incentives such as the PROMISE Scholarship have encouraged students to achieve higher standardized test scores through better preparation and higher frequencies of attempted exams.

Data in this chart represent performance by all West Virginia ACT test-takers. Score levels are even higher for students entering the State's four-year public colleges and universities. The average ACT composite score for baccalaureate enrollees in 2005 was 21.6.

COMMENTARY

Sources: ACT High School Profile Report, WVHEPC Cumulative ACT File



## ACT Scores by Subject Area, 2001-2005

|           | All West Virginia Test-Takers |      | Enrolled in WV Public Higher Education |      | All National Test-Takers |      |
|-----------|-------------------------------|------|--|------|--------------------------|------|
|           | 2001                          | 2005 | 2001                                   | 2005 | 2001                     | 2005 |
| Composite | 20.2                          | 20.3 | 20.3                                   | 21.1 | 21.0                     | 20.9 |
| Math      | 18.9                          | 19.3 | 19.0                                   | 19.9 | 20.7                     | 20.7 |
| English   | 20.2                          | 20.4 | 20.2                                   | 21.2 | 20.5                     | 20.4 |
| Reading   | 20.8                          | 20.7 | 21.2                                   | 22.1 | 21.3                     | 21.3 |
| Science   | 20.3                          | 20.3 | 20.6                                   | 21.1 | 21.0                     | 20.9 |

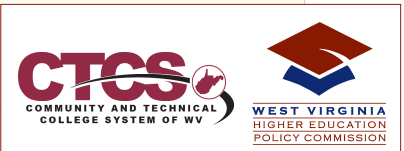
COMMENTARY

As West Virginia composite scores continue to improve, ACT sub-scores are also on the rise. Between 2001 and 2005, sub-scores for all West Virginia test-takers have improved in math and English and remained constant in science. Reading is the only subject area that has declined, but only by one-tenth of a point. West Virginia students have attained the national average for English scores, but continue to lag in all remaining subject areas.

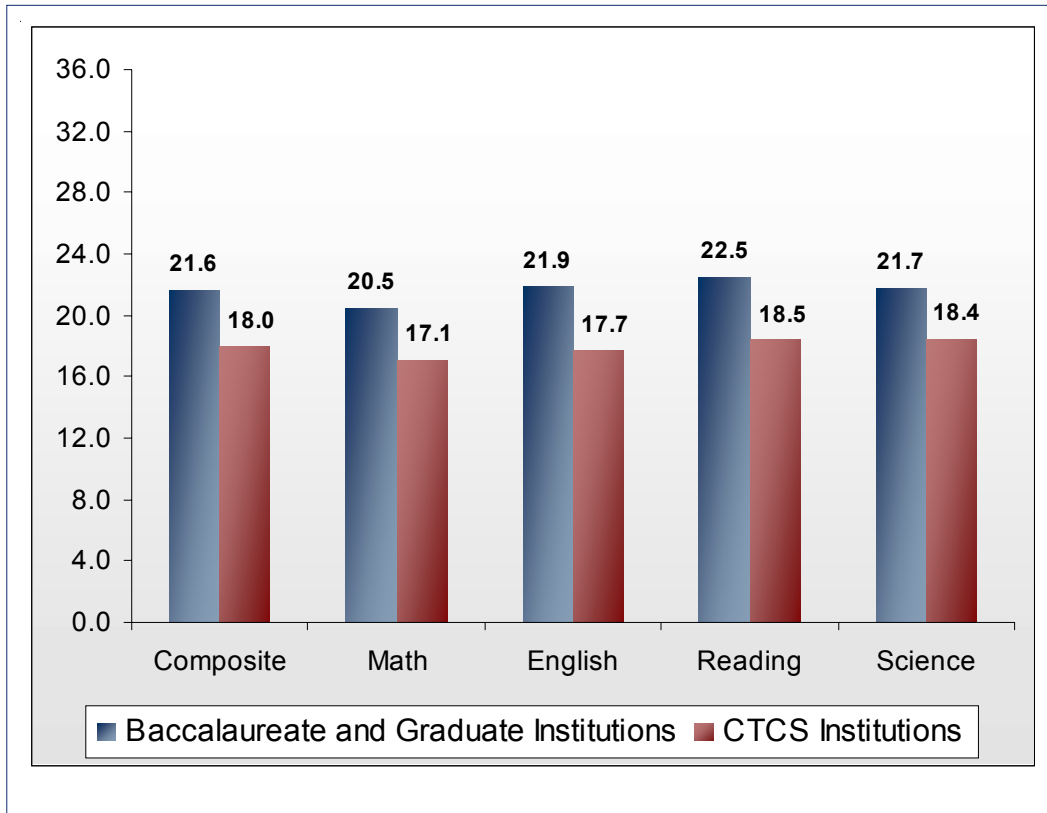
More impressive is the performance of West Virginia high school students who enrolled in the state's colleges and universities. When compared to all West Virginia test-takers, student scores for those enrolling in 2005 showed dramatic improvement. Further, students enrolled in public higher education have surpassed the national averages for ACT composite, English, reading, and science.

COMMENTARY

Sources: ACT High School Profile Report, WVHEPC Cumulative ACT File



## Performance of 2005 ACT Test-Taking High School Graduates Enrolling in West Virginia Public Higher Education



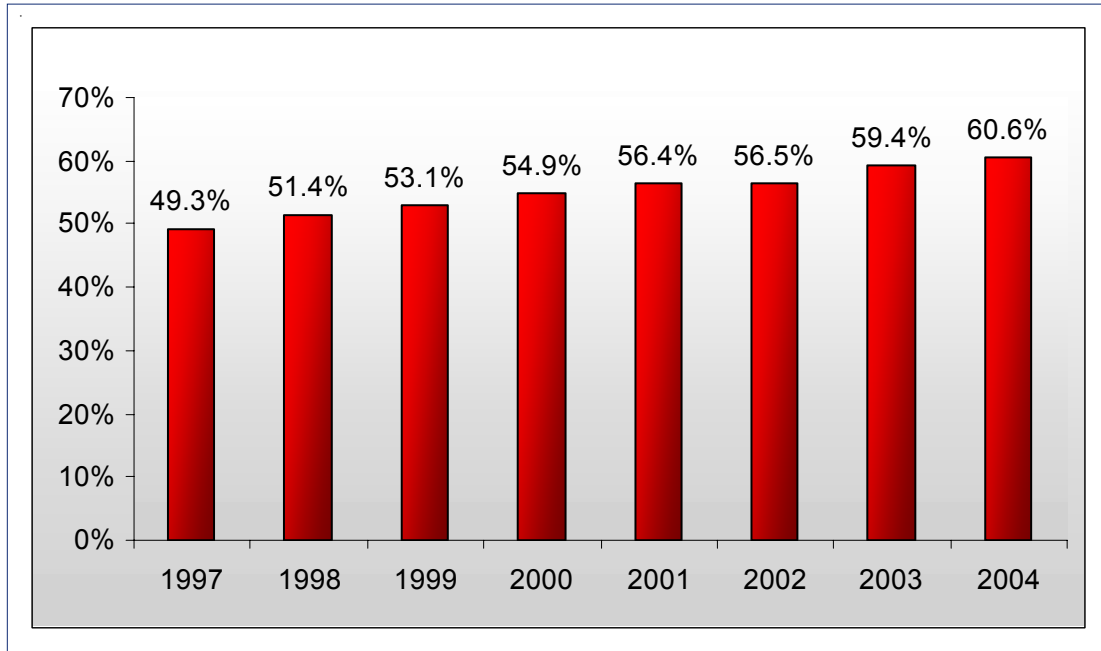
COMMENTARY

The table indicates average ACT scores for students enrolling in the state's four-year colleges and universities and in the community and technical colleges. Students scored higher than their national counterparts in all areas except mathematics.

Source: WVHEPC Cumulative ACT File



## College-Going Rates of Recent West Virginia High School Graduates, 1997-2004



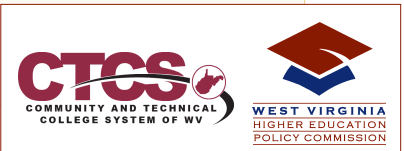
COMMENTARY

The college-going rate of recent high school graduates is a good measure of how much progress West Virginia is making toward increasing the level of college participation for young adults. From 1997 to 2004, the West Virginia college-going rate has increased from 49.3% to 60.6%. The state has exceeded the most recently published national average of 56.6%.

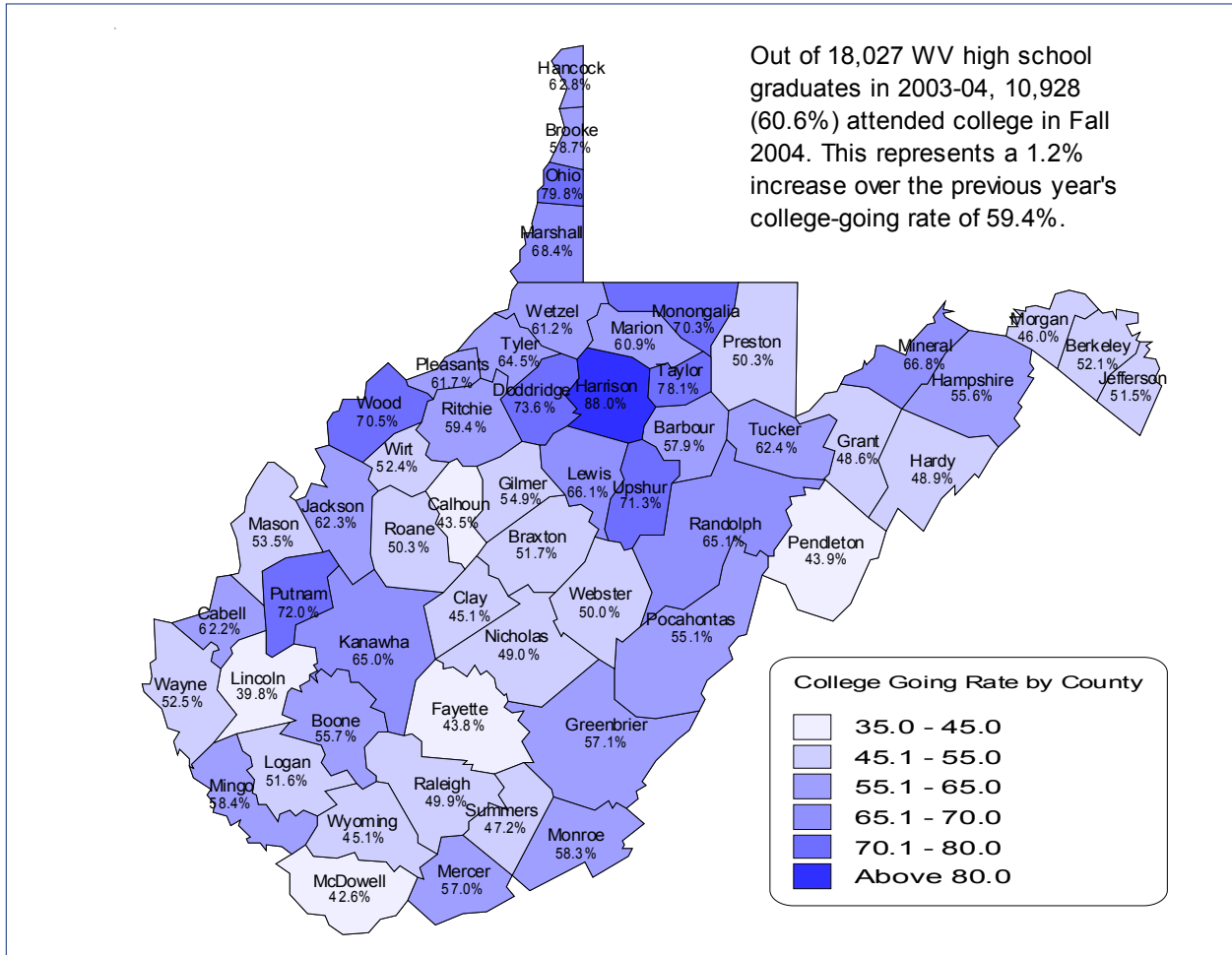
National reports continue to project a decline in West Virginia's high school graduate population. Yet, the state's steadily increasing college-going rate indicates better participation from the current high school population and supports modest, but steady, enrollment increases for West Virginia institutions of postsecondary education.

COMMENTARY

Sources: WVHEPC College Going Rates by County and High School Fall 2004 Report



## College-Going Rates by County, Fall 2004

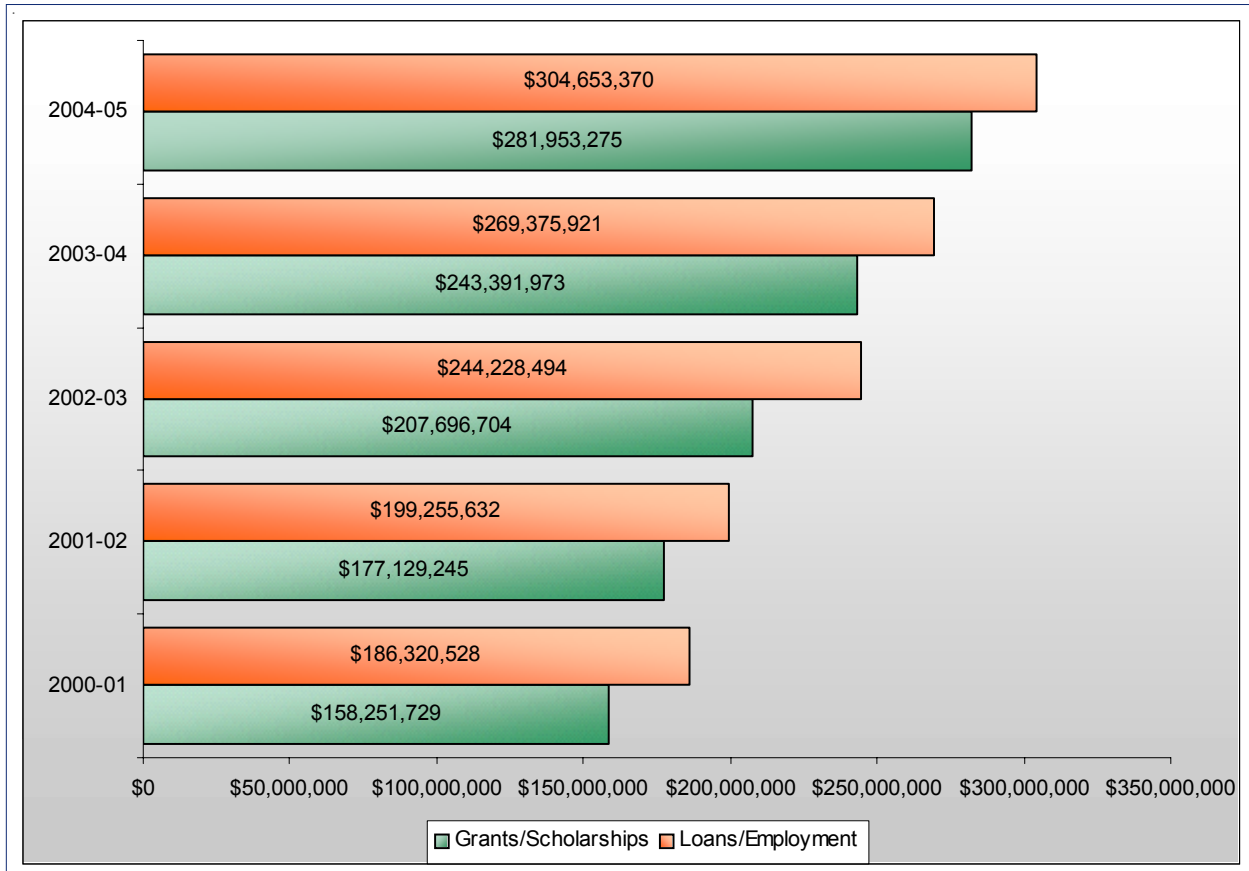


**COMMENTARY**

West Virginia's college-going rate continues to grow with 60.6% of high school graduates entering college in Fall 2004. Eight counties had college-going rates in excess of 70% in 2004. They include: Doddridge, Harrison, Monongalia, Ohio, Putnam, Taylor, Upshur, and Wood counties.



## Total Undergraduate Student Aid Dollars Awarded from All Major Aid Sources, Public and Private Institutions



COMMENTARY

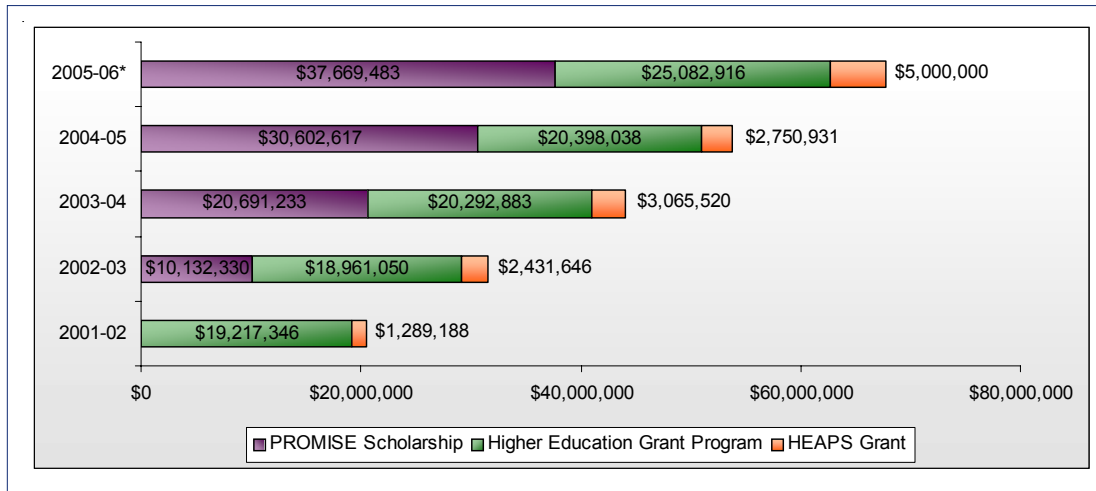
In the 2004-2005 academic year, as in past years, more financial aid dollars came from loans and employment (e.g., work-study) than from scholarships and grants. However, the gap between the two categories of financial aid closed slightly, primarily because of additional state financial aid funding.

COMMENTARY

Sources: WVHEPC Financial Aid Data; WVHEPC Financial Aid Surveys

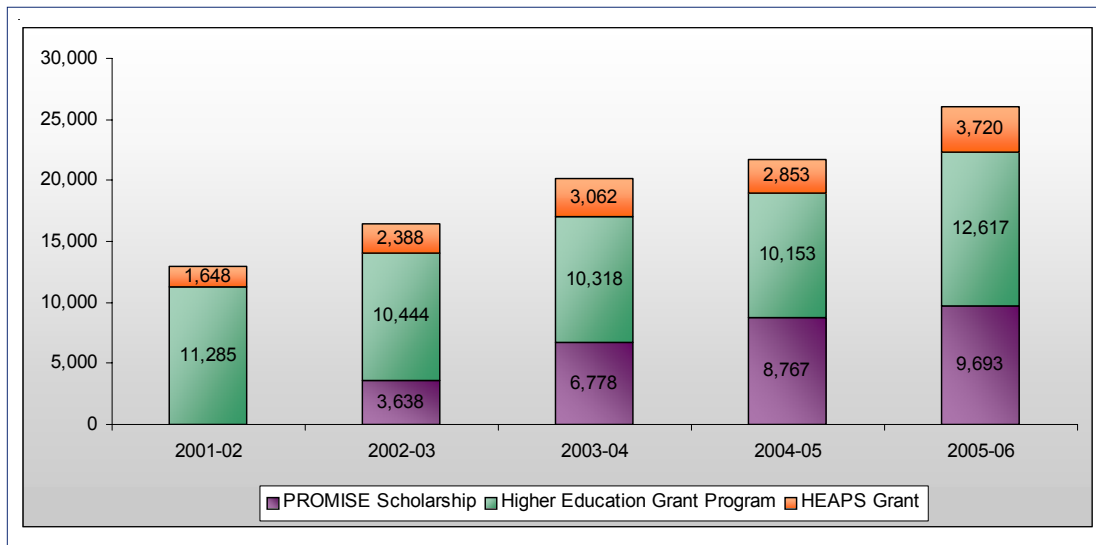


## Higher Education Grant, PROMISE Scholarship, and HEAPS (Part-Time) Grant Total Dollars Awarded



\*2005-06 Available Funds

## Higher Education Grant, PROMISE Scholarship, and HEAPS (Part-Time) Grant Total Number of Recipients



**COMMENTARY**

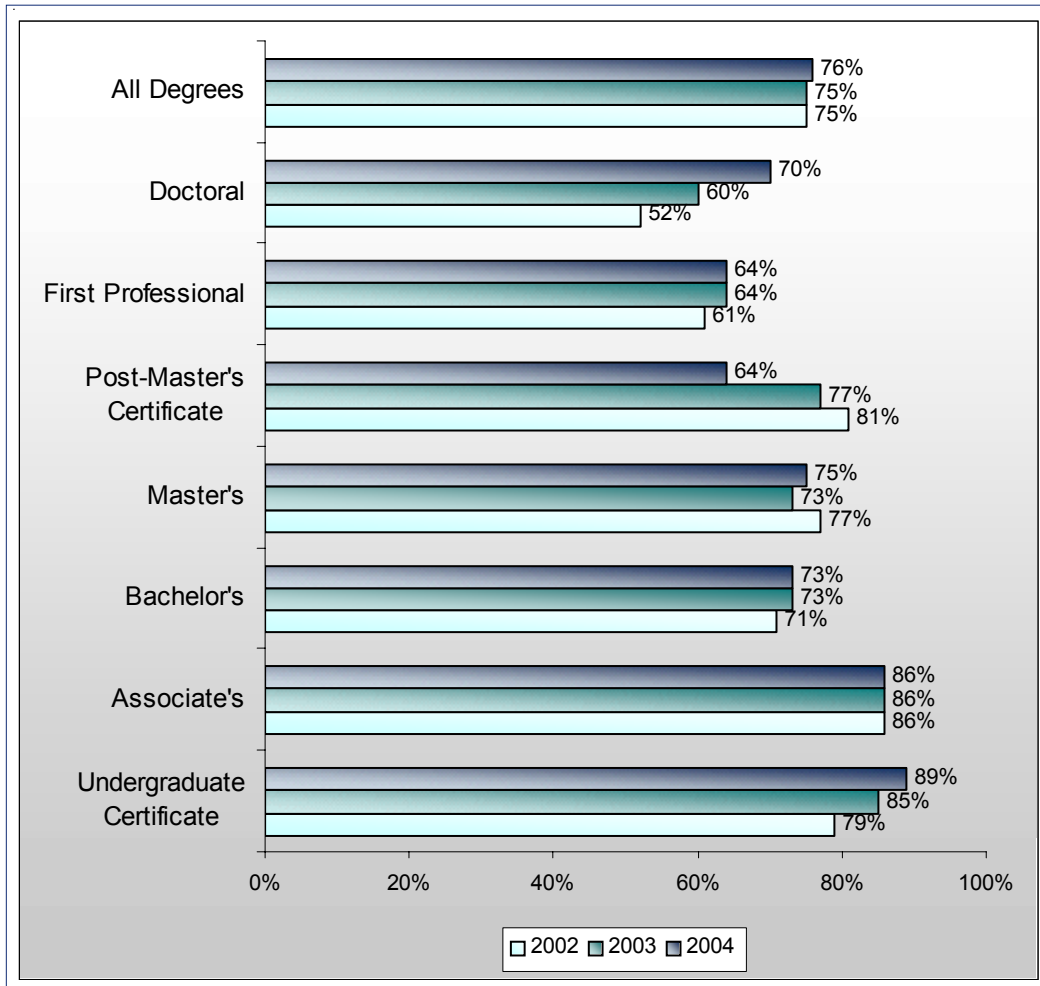
West Virginia's support for financial aid programs continues to increase. The state will provide financial aid to about 10,000 more students this academic year than it did during the 2001-02 academic year.

The merit-based PROMISE Scholarship Program, which will serve almost 9,700 students at a total scholarship cost of \$37.7 million in 2005-2006, saw the largest funding increase as four full classes took advantage of the scholarship for the first time. The need-based Higher Education Grant Program and HEAPS (Part-Time) Grant Program also received increased funding and also will serve a significantly larger number of students in 2005-2006.

Source: WVHEPC Financial Aid Data



## Resident College Graduates Working or Continuing in College in West Virginia After Graduation, 2002-2004



COMMENTARY

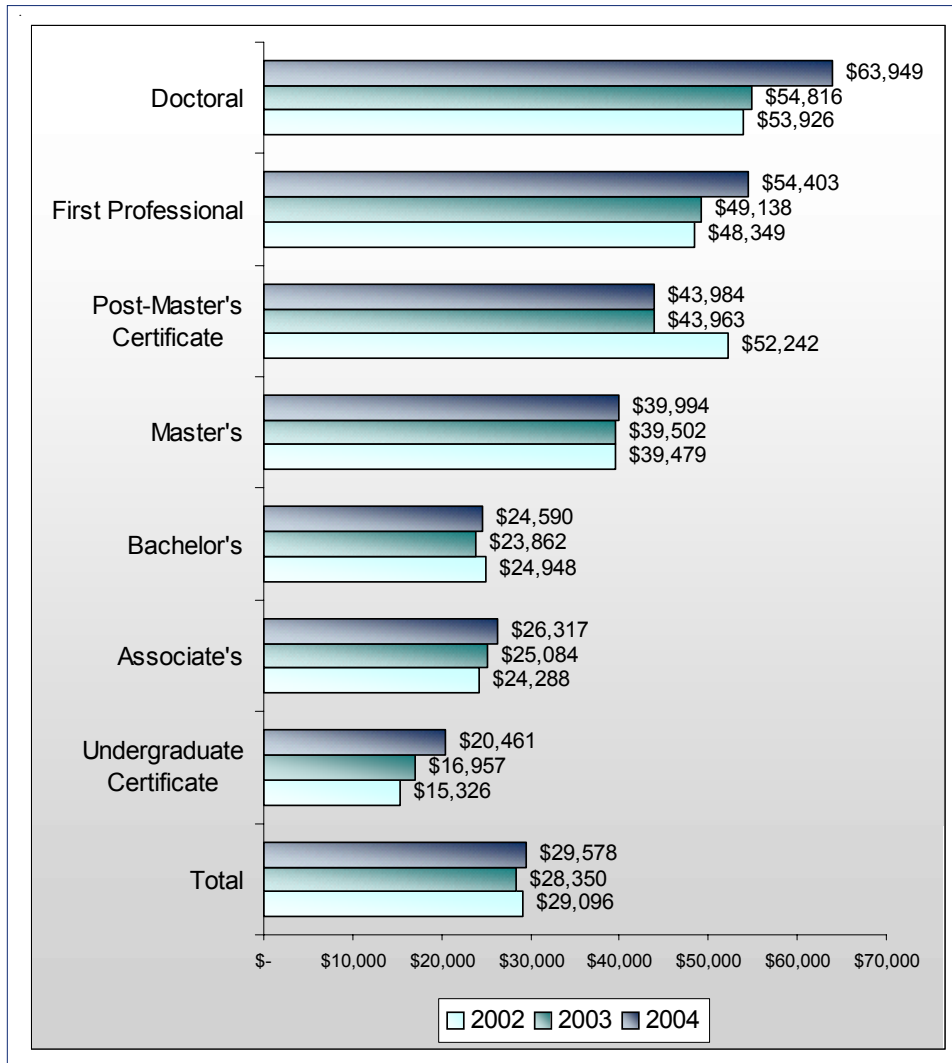
West Virginia public higher education institutions have long-standing goals of increasing the number of academic degrees awarded and keeping graduates in the state. In 2004, seventy-six percent of college graduates remained in West Virginia either as workers or as students continuing in higher education, a gain of one percent from the previous year. Certificate and associate's degree holders are the most likely of West Virginia graduates to stay in the state to work or continue higher education.

COMMENTARY

Sources: WVHEPC Data Files, WV Bureau of Employment Programs Data Exchange



## Average First-Year Earnings of Resident College Graduates Working in West Virginia, 2002-2004



COMMENTARY

This chart demonstrates the average first-year earnings of recent West Virginia higher education graduates. The data show that associate's degree holders are earning more in their first year of graduation than bachelor's degree holders. This is attributed largely to the high-demand fields in allied health and engineering technology offered through community and technical college programs. Long-term earnings potential, however, is likely to favor the higher degree holders.

COMMENTARY

Sources: WVHEPC Data Files, WV Bureau of Employment Programs Data Exchange





# Community and Technical College System

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## Developmental Education Course Enrollment for First-Time Freshmen Who Are 2005 West Virginia High School Graduates

| Community and Technical College System         | Number in Cohort | % Taking Dev. English | % Taking Dev. Math | % Taking Any Dev. Courses |
|--|------------------|-----------------------|--------------------|---------------------------|
| Community and Technical College at WVU Tech    | 91               | 48%                   | 63%                | 70%                       |
| Community and Technical College of Shepherd    | 78               | 49%                   | 41%                | 58%                       |
| Eastern WV Community and Technical College     | 15               | 40%                   | 53%                | 53%                       |
| Fairmont State Community and Technical College | 254              | 36%                   | 47%                | 59%                       |
| Marshall Community and Technical College       | 201              | 50%                   | 74%                | 78%                       |
| New River Community and Technical College      | 144              | 25%                   | 47%                | 53%                       |
| Southern WV Community and Technical College    | 286              | 50%                   | 69%                | 73%                       |
| WV Northern Community College                  | 155              | 21%                   | 56%                | 58%                       |
| WV State Community and Technical College       | 126              | 45%                   | 64%                | 71%                       |
| WVU at Parkersburg                             | 378              | 28%                   | 51%                | 55%                       |
| <b>2005 Total</b>                              | <b>1,728</b>     | <b>38%</b>            | <b>57%</b>         | <b>63%</b>                |
| <b>2004 Total</b>                              | <b>1,723</b>     | <b>38%</b>            | <b>57%</b>         | <b>63%</b>                |

COMMENTARY

Developmental education courses do not count toward degree credit hours, but are essential for under-prepared students. A common goal for secondary and postsecondary education is to improve performance levels of high school students and to enable them to be successful in college. The West Virginia Council for Community and Technical College Education has adopted a rule on freshman assessment and placement to encourage academic preparation and to increase graduation and retention rates. The percentage of students enrolled in developmental courses, including English and math, remained constant over the past year.

COMMENTARY



## Developmental Education Course Enrollment of First-Time Freshmen by Age Group, Fall 2005

|  | All First-Time Freshmen |              | Developmental English 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 |
| <b>Community and Technical College System</b>  |                         |              |                               |              |                            |              |                           |              |
| Community and Technical College at WVU Tech    | 135                     | 29           | 47%                           | 24%          | 56%                        | 59%          | 64%                       | 66%          |
| Community and Technical College of Shepherd    | 144                     | 61           | 38%                           | 31%          | 40%                        | 30%          | 53%                       | 46%          |
| Eastern WV Community and Technical College     | 35                      | 42           | 23%                           | 31%          | 40%                        | 57%          | 40%                       | 62%          |
| Fairmont State Community and Technical College | 406                     | 138          | 33%                           | 25%          | 49%                        | 30%          | 59%                       | 41%          |
| Marshall Community and Technical College       | 324                     | 114          | 51%                           | 24%          | 73%                        | 30%          | 78%                       | 35%          |
| New River Community and Technical College      | 222                     | 119          | 26%                           | 35%          | 44%                        | 48%          | 51%                       | 59%          |
| Southern WV Community and Technical College    | 427                     | 90           | 51%                           | 59%          | 69%                        | 74%          | 74%                       | 78%          |
| WV Northern Community College                  | 301                     | 114          | 25%                           | 27%          | 58%                        | 75%          | 61%                       | 76%          |
| WV State Community and Technical College       | 252                     | 71           | 56%                           | 38%          | 69%                        | 65%          | 77%                       | 75%          |
| WVU at Parkersburg                             | 535                     | 165          | 30%                           | 43%          | 53%                        | 55%          | 56%                       | 63%          |
| <b>2005 Total</b>                              | <b>2,781</b>            | <b>943</b>   | <b>39%</b>                    | <b>34%</b>   | <b>58%</b>                 | <b>51%</b>   | <b>64%</b>                | <b>59%</b>   |
| <b>2004 Total</b>                              | <b>2,741</b>            | <b>934</b>   | <b>39%</b>                    | <b>36%</b>   | <b>59%</b>                 | <b>54%</b>   | <b>66%</b>                | <b>62%</b>   |

COMMENTARY

Developmental education is a critical service for students who are inadequately prepared in one or more academic areas. As an opposite trend to baccalaureate and graduate institutions, students age 25 and older tend to require fewer developmental courses than traditional-age students within the community and technical college system.

COMMENTARY





## Performance of 2005 ACT Test-Taking High School Graduates by Institution of Enrollment

| Community and Technical College System         | Number Enrolled | Average HS GPA | Average ACT Scores |             |             |             |             |
|--|-----------------|----------------|--------------------|-------------|-------------|-------------|-------------|
|  |                 |                | Composite          | Math        | English     | Reading     | Science     |
| Community and Technical College at WVU Tech    | 95              | 2.7            | 18.0               | 17.1        | 17.6        | 18.7        | 19.0        |
| Community and Technical College of Shepherd    | 53              | 2.7            | 16.9               | 16.2        | 16.9        | 16.8        | 17.5        |
| Eastern WV Community and Technical College     | 9               | 2.3            | 18.0               | 17.2        | 17.6        | 19.2        | 17.3        |
| Fairmont State Community and Technical College | 272             | 2.6            | 17.3               | 16.6        | 16.9        | 17.6        | 17.5        |
| Marshall Community and Technical College       | 221             | 2.8            | 17.1               | 16.5        | 16.8        | 17.8        | 18.0        |
| New River Community and Technical College      | 130             | 2.9            | 19.0               | 17.6        | 18.8        | 19.7        | 18.8        |
| Southern WV Community and Technical College    | 282             | 3.1            | 18.1               | 17.1        | 18.0        | 18.5        | 18.5        |
| WV Northern Community College                  | 152             | 2.9            | 18.2               | 17.3        | 17.8        | 18.4        | 18.6        |
| WV State Community and Technical College       | 148             | 2.6            | 17.7               | 16.8        | 17.1        | 17.9        | 18.4        |
| WVU at Parkersburg                             | 399             | 2.9            | 18.9               | 17.8        | 18.7        | 19.5        | 19.1        |
| <b>2005 Total</b>                              | <b>1,761</b>    | <b>2.8</b>     | <b>18.0</b>        | <b>17.1</b> | <b>17.7</b> | <b>18.5</b> | <b>18.4</b> |
| <b>2004 Total</b>                              | <b>1,722</b>    | <b>2.8</b>     | <b>18.0</b>        | <b>17.2</b> | <b>17.7</b> | <b>18.5</b> | <b>18.3</b> |

COMMENTARY

The measurement of high school GPA and ACT score values for incoming freshmen demonstrates the overall quality of incoming students for any given institution. The community and technical college system practices an open admission policy. Over the past year, average ACT scores for math have declined by one tenth of a point, with a corresponding increase in science scores. Activity between 2004 and 2005 is otherwise constant.

COMMENTARY



## 2005 Headcount Enrollment by Level

| Community and Technical College System         | Certificate or Associate's | Bachelor's | Unclass. UnderGd. | Total         |
|--|----------------------------|------------|-------------------|---------------|
| Community and Technical College at WVU Tech    | 608                        | 0          | 63                | 671           |
| Community and Technical College of Shepherd    | 651                        | 0          | 1,060             | 1,711         |
| Eastern WV Community and Technical College     | 259                        | 0          | 623               | 882           |
| Fairmont State Community and Technical College | 2,293                      | 0          | 706               | 2,999         |
| Marshall Community and Technical College       | 2,323                      | 0          | 187               | 2,510         |
| New River Community and Technical College      | 1,329                      | 0          | 438               | 1,767         |
| Southern WV Community and Technical College    | 2,235                      | 0          | 260               | 2,495         |
| WV Northern Community College                  | 2,148                      | 0          | 693               | 2,841         |
| WV State Community and Technical College       | 1,590                      | 0          | .                 | 1,590         |
| WVU at Parkersburg                             | 2,489                      | 625        | 658               | 3,772         |
| <b>2005 Total</b>                              | <b>15,925</b>              | <b>625</b> | <b>4,688</b>      | <b>21,238</b> |
| <b>2004 Total</b>                              | <b>16,256</b>              | <b>564</b> | <b>4,184</b>      | <b>21,004</b> |

COMMENTARY

Overall credit headcount enrollment for West Virginia's community and technical college system increased by 1.1% over the past year. The majority (75%) of students enrolled in the community and technical college system have a certificate or associate's degree objective. 2.9% are seeking baccalaureate degrees through WVU at Parkersburg's 4-year programs. 22.1% of community and technical college system students have an unclassified degree objective.

COMMENTARY



## 2005 FTE Enrollment by Level

| Community and Technical College System         | Certificate or Associate's | Bachelor's | Unclass. UnderGd. | Total         |
|--|----------------------------|------------|-------------------|---------------|
| Community and Technical College at WVU Tech    | 530                        | 0          | 11                | 542           |
| Community and Technical College of Shepherd    | 458                        | 0          | 253               | 711           |
| Eastern WV Community and Technical College     | 140                        | 0          | 166               | 306           |
| Fairmont State Community and Technical College | 1,831                      | 0          | 237               | 2,068         |
| Marshall Community and Technical College       | 1,484                      | 0          | 33                | 1,516         |
| New River Community and Technical College      | 1,057                      | 0          | 138               | 1,195         |
| Southern WV Community and Technical College    | 1,627                      | 0          | 82                | 1,708         |
| WV Northern Community College                  | 1,610                      | 0          | 226               | 1,837         |
| WV State Community and Technical College       | 1,155                      | 0          | 0                 | 1,155         |
| WVU at Parkersburg                             | 1,963                      | 471        | 188               | 2,622         |
| <b>2005 Total</b>                              | <b>11,855</b>              | <b>471</b> | <b>1,334</b>      | <b>13,660</b> |
| <b>2004 Total</b>                              | <b>12,327</b>              | <b>432</b> | <b>1,159</b>      | <b>13,918</b> |

COMMENTARY

Full-time equivalent (FTE) enrollment demonstrates the workload undertaken by each student based on 15 semester hours for undergraduate students. Students taking these course loads are counted as 1.0 FTE. FTE values higher or lower than 1.0 are possible depending on the number of semester hours taken. FTE enrollment for community and technical college system institutions decreased by 1.9% over the past year. The corresponding increase of 1.1% in headcount enrollment indicates that the community and technical college system is serving more students on a part-time basis, which is consistent with its overall mission.

COMMENTARY



## Undergraduate Transfers Across West Virginia Institutions, Fall 2005

| Community and Technical College System         | Transfers from Admin. Linked Inst. | Transfers from Other Public 4-Year | Transfers from Other Public 2-Year | Total Transfers from WV Public Inst. | Transfers from WV Private Inst. | Transfers from Out-of-State Inst. | Total Transfers from All Institutions |
|--|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|---------------------------------|-----------------------------------|---------------------------------------|
| Community and Technical College at WVU Tech    | 17                                 | 17                                 | 18                                 | 52                                   | 0                               | 42                                | 94                                    |
| Community and Technical College of Shepherd    | 22                                 | 2                                  | 4                                  | 28                                   | 3                               | 80                                | 111                                   |
| Eastern WV Community and Technical College     | 0                                  | 1                                  | 3                                  | 4                                    | 0                               | 11                                | 15                                    |
| Fairmont State Community and Technical College | 60                                 | 38                                 | 11                                 | 109                                  | 11                              | 35                                | 155                                   |
| Marshall Community and Technical College       | 64                                 | 12                                 | 20                                 | 96                                   | 9                               | 138                               | 243                                   |
| New River Community and Technical College      | 21                                 | 22                                 | 6                                  | 49                                   | 13                              | 17                                | 79                                    |
| Southern WV Community and Technical College    | 0                                  | 43                                 | 26                                 | 69                                   | 5                               | 28                                | 102                                   |
| WV Northern Community College                  | 0                                  | 55                                 | 3                                  | 58                                   | 0                               | 170                               | 228                                   |
| WV State Community and Technical College       | 45                                 | 17                                 | 18                                 | 80                                   | 8                               | 29                                | 117                                   |
| WVU at Parkersburg                             | 0                                  | 43                                 | 18                                 | 61                                   | 9                               | 69                                | 139                                   |
| <b>2005 Total</b>                              | <b>229</b>                         | <b>250</b>                         | <b>127</b>                         | <b>606</b>                           | <b>58</b>                       | <b>619</b>                        | <b>1,283</b>                          |
| <b>2004 Total</b>                              | <b>278</b>                         | <b>254</b>                         | <b>113</b>                         | <b>645</b>                           | <b>97</b>                       | <b>477</b>                        | <b>1,219</b>                          |

COMMENTARY

The public higher education institutions in West Virginia have responded to the needs of students for transferability of credit of undergraduate core coursework among the two-year and four-year institutions. Consistent with guidelines of the WV Council for Community and Technical College Education promulgated in a joint rule (Series 17) with the Higher Education Policy Commission, institutional practice is to ensure that students may transfer and apply toward the requirements for a degree the maximum number of credits earned at a regionally accredited institution with as few requirements to repeat courses or to take additional courses as is consistent with sound academic policy.

COMMENTARY



## First to Second Year Retention Rates, Fall 2004 to Fall 2005

| Community and Technical College System          | Number in Fall 2004 Cohort | Retained by Institution | Transfer to Another Institution | Not Retained |
|---|----------------------------|-------------------------|---------------------------------|--------------|
| Community and Technical College at WVU Tech     | 111                        | 41%                     | 10%                             | 49%          |
| Community and Technical College of Shepherd     | 132                        | 48%                     | 12%                             | 40%          |
| Eastern WV Community and Technical College      | 20                         | 35%                     | 5%                              | 60%          |
| Fairmont State Community and Technical College  | 544                        | 54%                     | 9%                              | 37%          |
| Marshall Community and Technical College        | 382                        | 47%                     | 13%                             | 41%          |
| New River Community and Technical College       | 248                        | 51%                     | 10%                             | 39%          |
| Southern WV Community and Technical College     | 451                        | 56%                     | 7%                              | 37%          |
| WV Northern Community College                   | 346                        | 51%                     | 4%                              | 45%          |
| WV State Community and Technical College        | 274                        | 45%                     | 13%                             | 42%          |
| WVU at Parkersburg                              | 504                        | 55%                     | 5%                              | 40%          |
| <b>2005 Total Retention of Fall 2004 Cohort</b> | <b>3,012</b>               | <b>51%</b>              | <b>8%</b>                       | <b>40%</b>   |
| <b>2004 Total Retention of Fall 2003 Cohort</b> | <b>3,121</b>               | <b>55%</b>              | <b>4%</b>                       | <b>41%</b>   |

COMMENTARY

The first to second year retention rate has become an important factor in predicting overall success rates in student outcomes. A substantial area of potential improvement for graduation rates is to focus on why students are not returning full-time for their second year. The most recent retention rate for the community and technical college system is 51%, rising to 59% when transfers to other public West Virginia institutions are taken into account.

COMMENTARY



## High School Student Enrollment in College Courses, Fall 2004 to Fall 2005

| Community and Technical College System         | Headcount    |              |           | FTE          |              |           |
|--|--------------|--------------|-----------|--------------|--------------|-----------|
|  | Fall 2004    | Fall 2005    | % Change  | Fall 2004    | Fall 2005    | % Change  |
| Community and Technical College at WVU Tech    | 1            | 1            | 0%        | 0.8          | 0.2          | -75%      |
| Community and Technical College of Shepherd    | 167          | 67           | -60%      | 49.1         | 16.5         | -66%      |
| Eastern WV Community and Technical College     | 403          | 530          | 32%       | 103.9        | 144.4        | 39%       |
| Fairmont State Community and Technical College | 507          | 569          | 12%       | 161.7        | 179.8        | 11%       |
| Marshall Community and Technical College       | 61           | 47           | -23%      | 16.3         | 13.6         | -17%      |
| New River Community and Technical College      | 196          | 288          | 47%       | 59.5         | 76.2         | 28%       |
| Southern WV Community and Technical College    | 330          | 283          | -14%      | 101.9        | 86.2         | -15%      |
| WV Northern Community College                  | 407          | 490          | 20%       | 125.5        | 148.0        | 18%       |
| WV State Community and Technical College       | 0            | 44           | N/A       | 0.0          | 12.0         | N/A       |
| WVU at Parkersburg                             | 503          | 466          | -7%       | 127.7        | 126.8        | -1%       |
| <b>Total</b>                                   | <b>2,575</b> | <b>2,785</b> | <b>8%</b> | <b>746.5</b> | <b>803.7</b> | <b>8%</b> |

COMMENTARY

West Virginia public higher education institutions have been encouraging adequately prepared high school students to enroll in college courses while they are still in high school. This allows them to get an early start on a postsecondary degree and complete a degree within a shorter timeframe. While some students may actually enroll in an on-campus course, a high percentage of this enrollment is in courses that are developed specifically for high students and offered at the high school site. Headcount and FTE activity for the community and technical college system increased by 8% over the past year.

COMMENTARY



## West Virginia Tuition and Fees Compared to SREB and National Levels

| Community and Technical College System         | 2004-05 WV Tuition | 2004-05 SREB Public Institutions |             | 2004-05 National Public Institutions |            |
|--|--------------------|----------------------------------|-------------|--------------------------------------|------------|
|  |                    | SREB Median Tuition              | %           | National Median Tuition              | %          |
| Community and Technical College at WVU Tech    | \$ 3,118           | \$ 1,980                         | 157%        | \$ 2,406                             | 130%       |
| Community and Technical College of Shepherd    | 2,944              | 1,980                            | 149%        | 2,406                                | 122%       |
| Eastern WV Community and Technical College     | 1,634              | 1,980                            | 83%         | 2,406                                | 68%        |
| Fairmont State Community and Technical College | 2,832              | 1,740                            | 163%        | 2,295                                | 123%       |
| Marshall Community and Technical College       | 2,814              | 1,980                            | 142%        | 2,406                                | 117%       |
| New River Community and Technical College      | 2,624              | 1,980                            | 133%        | 2,406                                | 109%       |
| Southern WV Community and Technical College    | 1,634              | 1,980                            | 83%         | 2,406                                | 68%        |
| WV Northern Community College                  | 1,752              | 1,980                            | 88%         | 2,406                                | 73%        |
| WV State Community and Technical College       | 2,642              | 1,980                            | 133%        | 2,406                                | 110%       |
| WVU at Parkersburg                             | 1,668              | 1,980                            | 84%         | 2,406                                | 69%        |
| <b>Total (Average)</b>                         | <b>2,366</b>       | <b>1,956</b>                     | <b>121%</b> | <b>2,395</b>                         | <b>99%</b> |

COMMENTARY

Tuition rates for West Virginia's freestanding community and technical colleges are below the Southern Regional Education Board (SREB) and national median levels. All administratively-linked community and technical colleges' tuition rates are above the SREB and national levels.

COMMENTARY



## Job Training and Customized Employer Training Outcomes, 2005

|  | 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   |   |                                  |                                       |
| Community and Technical College at WVU Tech    | 40  | 104          | 1,545                                     | 18,356                           | 6                                     |
| Community and Technical College of Shepherd    | 87  | 393          | 6,100                                     | 20,255                           | 43                                    |
| Eastern WV Community and Technical College     | 6   | 529          | 6,890                                     | 23,624                           | 15                                    |
| Fairmont State Community and Technical College | 0   | 143          | 1,496                                     | 47,661                           | 75                                    |
| Marshall Community and Technical College       | 35  | 890          | 3,475                                     | 98,008                           | 10                                    |
| New River Community and Technical College      | 8   | 140          | 3,099                                     | 34,376                           | 16                                    |
| Southern WV Community and Technical College    | 0   | 179          | 1,416                                     | 13,726                           | 89                                    |
| WV Northern Community College                  | 92  | 189          | 2,014                                     | 66,928                           | 27                                    |
| WV State Community and Technical College       | 40  | 266          | 5,909                                     | 53,469                           | 41                                    |
| WVU at Parkersburg                             | 25  | 145          | 3,409                                     | 34,563                           | 30                                    |
| <b>2005 Total</b>                              | <b>333</b>  | <b>2,978</b> | <b>35,353</b>                             | <b>410,966</b>                   | <b>352</b>                            |
| <b>2004 Total</b>                              | <b>383</b>  | <b>1,863</b> | <b>26,098</b>                             | <b>404,703</b>                   | <b>290</b>                            |

COMMENTARY

An important role of the Community and Technical College System of West Virginia is to deliver workforce development programs to train and educate workers to strengthen West Virginia's economy. Over the past year, there have been significant increases in this activity. The number of participating students rose by 9,255 students, the number of training contact hours delivered increased by 6,293 and the number of customized programs delivered to employers increased by 1,065.

COMMENTARY

Sources: West Virginia Council for Community and Technical College Education Performance Indicators Report





## Student Credit Hour to Faculty Ratio, Fall 2005

| Community and Technical College System         | Student Credit Hours Delivered | Faculty FTE | Ratio        |
|--|--------------------------------|-------------|--------------|
| Community and Technical College at WVU Tech    | 5,369                          | 28          | 192:1        |
| Community and Technical College of Shepherd    | 10,661                         | 31          | 345:1        |
| Eastern WV Community and Technical College     | 4,588                          | 13          | 366:1        |
| Fairmont State Community and Technical College | 30,673                         | 102         | 299:1        |
| Marshall Community and Technical College       | 27,108                         | 68          | 401:1        |
| New River Community and Technical College      | 18,061                         | 60          | 303:1        |
| Southern WV Community and Technical College    | 25,627                         | 89          | 287:1        |
| WV Northern Community College                  | 27,553                         | 95          | 291:1        |
| WV State Community and Technical College       | 12,941                         | 49          | 262:1        |
| WVU at Parkersburg                             | 39,325                         | 133         | 297:1        |
| <b>2005 Total</b>                              | <b>201,906</b>                 | <b>667</b>  | <b>303:1</b> |
| <b>2004 Total</b>                              | <b>197,235</b>                 | <b>661</b>  | <b>298:1</b> |

COMMENTARY

In an attempt to provide a balanced measure of student credit hours to faculty, this table demonstrates the total number of student credit hours delivered at each institution, divided by the corresponding number of full-time equivalent faculty. The resulting quotient is the total number of student credit hours delivered on average by each faculty member. An instructor teaching 20 students in a three-credit course would produce 60 credit hours. A higher ratio indicates a heavier instructional workload for the average faculty member at any given institution. Measured against comparable institutions, West Virginia faculty generally produce a higher number of credit hours than faculty in those institutions.

COMMENTARY



## Fiscal Year 2004 Instruction, Research, and Public Service Proportionate Expenditures

| Community and Technical College System         | 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 |
| Community and Technical College at WVU Tech    | 54%  | 54%         | 6%   | 1%          | 60%   | 54%         |
| Community and Technical College of Shepherd    | 48%  | 48%         | 2%   | 0%          | 50%   | 50%         |
| Eastern WV Community and Technical College     | 15%  | N/A         | 12%  | N/A         | 27%   | N/A         |
| Fairmont State Community and Technical College | 52%  | 50%         | 0%   | 1%          | 52%   | 51%         |
| Marshall Community and Technical College       | 51%  | 51%         | 5%   | 1%          | 56%   | 55%         |
| New River Community and Technical College      | 48%  | 48%         | 2%   | 0%          | 50%   | 50%         |
| Southern WV Community and Technical College    | 35%  | 46%         | 20%  | 2%          | 54%   | 54%         |
| WV Northern Community College                  | 43%  | 42%         | 3%   | 1%          | 46%   | 47%         |
| WV State Community and Technical College       | 46%  | 47%         | 1%   | 1%          | 47%   | 49%         |
| WVU at Parkersburg                             | 58%  | 48%         | 0%   | 3%          | 58%   | 53%         |

**COMMENTARY**

One method to ascertain an institution's focus on instruction, research, and public service is to compare these expenditures as a proportion to total education and general (E&G) expenditures. Each West Virginia institution has been assigned a group of national peers for benchmarking and funding purposes. Median values for these peer groups are also provided for comparison and benchmarking.

**COMMENTARY**



Sources: WVHEPC FY04 Finance Data, IPEDS FY04 Finance Data

## 3-Year Graduation Rates of First-Time, Full-Time Certificate/ Associate's Degree-Seeking Freshmen, Fall 2002

| Community and Technical College System         | Fall 2002 Cohort | Certificate / Associate's Degree |             | Certificate / Associate's Degree |             | Bachelor's Degree         |            | Any Degree                |             |
|--|------------------|----------------------------------|-------------|----------------------------------|-------------|---------------------------|------------|---------------------------|-------------|
|  |                  | Starting Institution             | %           | Any WV Public Institution        | %           | Any WV Public Institution | %          | Any WV Public Institution | %           |
| Community and Technical College at WVU Tech    | 120              | 31                               | 25.8        | 31                               | 25.8        | 1                         | 0.8        | 31                        | 25.8        |
| Community and Technical College of Shepherd    | 91               | 15                               | 16.5        | 15                               | 16.5        | 0                         | 0.0        | 15                        | 16.5        |
| Eastern WV Community and Technical College     | 9                | 1                                | 11.1        | 1                                | 11.1        | 0                         | 0.0        | 1                         | 11.1        |
| Fairmont State Community and Technical College | 467              | 74                               | 15.8        | 77                               | 16.5        | 1                         | 0.2        | 78                        | 16.7        |
| Marshall Community and Technical College       | 310              | 19                               | 6.1         | 19                               | 6.1         | 0                         | 0.0        | 19                        | 6.1         |
| New River Community and Technical College      | 486              | 41                               | 8.4         | 41                               | 8.4         | 0                         | 0.0        | 41                        | 8.4         |
| Southern WV Community and Technical College    | 460              | 47                               | 10.2        | 48                               | 10.4        | 0                         | 0.0        | 48                        | 10.4        |
| WV Northern Community College                  | 271              | 34                               | 12.5        | 34                               | 12.5        | 0                         | 0.0        | 34                        | 12.5        |
| WV State Community and Technical College       | 274              | 13                               | 4.7         | 15                               | 5.5         | 0                         | 0.0        | 15                        | 5.5         |
| WVU at Parkersburg                             | 345              | 33                               | 9.6         | 33                               | 9.6         | 0                         | 0.0        | 33                        | 9.6         |
| <b>Total for 2002 Cohort</b>                   | <b>2,833</b>     | <b>308</b>                       | <b>10.9</b> | <b>314</b>                       | <b>11.1</b> | <b>2</b>                  | <b>0.1</b> | <b>315</b>                | <b>11.1</b> |
| <b>Total for 2001 Cohort</b>                   | <b>2,708</b>     | <b>304</b>                       | <b>11.2</b> | <b>309</b>                       | <b>11.4</b> | <b>2</b>                  | <b>0.1</b> | <b>311</b>                | <b>11.5</b> |

**COMMENTARY**

Graduation rates are extremely important measures of institutional success. Several other performance indicators, such as enrollments and first-to-second-year retention rates, directly affect this measure.

For community and technical colleges, the graduation rate is computed by taking a beginning cohort of first-time, full-time, degree-seeking students and measuring the number completing their degree within three years (150% of the normal program time). The average rate for the community and technical college system is 10.9%. This table additionally shows the percentage of students completing any degree at any of West Virginia's public postsecondary institutions, raising the overall rate to 11.1%.

**COMMENTARY**



Source: WVHEPC Data Files

## 6-Year Graduation Rates of First-Time, Full-Time Certificate/ Associate's Degree-Seeking Freshmen, Fall 1999

| Community and Technical College System         | Fall 1999 Cohort | Certificate / Associate's Degree |             | Certificate / Associate's Degree |             | Bachelor's Degree         |             | Any Degree                |             |
|--|------------------|----------------------------------|-------------|----------------------------------|-------------|---------------------------|-------------|---------------------------|-------------|
|  |                  | Starting Institution             | %           | Any WV Public Institution        | %           | Any WV Public Institution | %           | Any WV Public Institution | %           |
| Community and Technical College at WVU Tech    | 136              | 38                               | 27.9        | 40                               | 29.4        | 18                        | 13.2        | 49                        | 36.0        |
| Community and Technical College of Shepherd    | 109              | 21                               | 19.3        | 22                               | 20.2        | 13                        | 11.9        | 35                        | 32.1        |
| Fairmont State Community and Technical College | 462              | 65                               | 14.1        | 69                               | 14.9        | 66                        | 14.3        | 115                       | 24.9        |
| Marshall Community and Technical College       | 271              | 76                               | 28.0        | 78                               | 28.8        | 16                        | 5.9         | 90                        | 33.2        |
| New River Community and Technical College      | 331              | 75                               | 22.7        | 75                               | 22.7        | 58                        | 17.5        | 104                       | 31.4        |
| Southern WV Community and Technical College    | 698              | 180                              | 25.8        | 191                              | 27.4        | 37                        | 5.3         | 220                       | 31.5        |
| WV Northern Community College                  | 275              | 58                               | 21.1        | 61                               | 22.2        | 15                        | 5.5         | 70                        | 25.5        |
| WV State Community and Technical College       | 127              | 21                               | 16.5        | 22                               | 17.3        | 12                        | 9.5         | 29                        | 22.8        |
| WVU at Parkersburg                             | 358              | 92                               | 25.7        | 97                               | 27.1        | 36                        | 10.1        | 112                       | 31.3        |
| <b>Total for 1999 Cohort</b>                   | <b>2,767</b>     | <b>626</b>                       | <b>22.6</b> | <b>655</b>                       | <b>23.7</b> | <b>271</b>                | <b>9.8</b>  | <b>824</b>                | <b>29.8</b> |
| <b>Total for 1998 Cohort</b>                   | <b>2,705</b>     | <b>543</b>                       | <b>20.1</b> | <b>563</b>                       | <b>20.8</b> | <b>279</b>                | <b>10.3</b> | <b>731</b>                | <b>27.0</b> |

COMMENTARY

Measuring certificate and associate's graduation rates within a three-year period fails to take into account the non-traditional nature of many community and technical college students. This table, therefore, explores the impact of extending the timeframe to six years. Graduation rates at initial institutions more than doubles to 22.6%. Taking into account the completion of any degree at any public West Virginia institution, the rate increases to 29.8%.

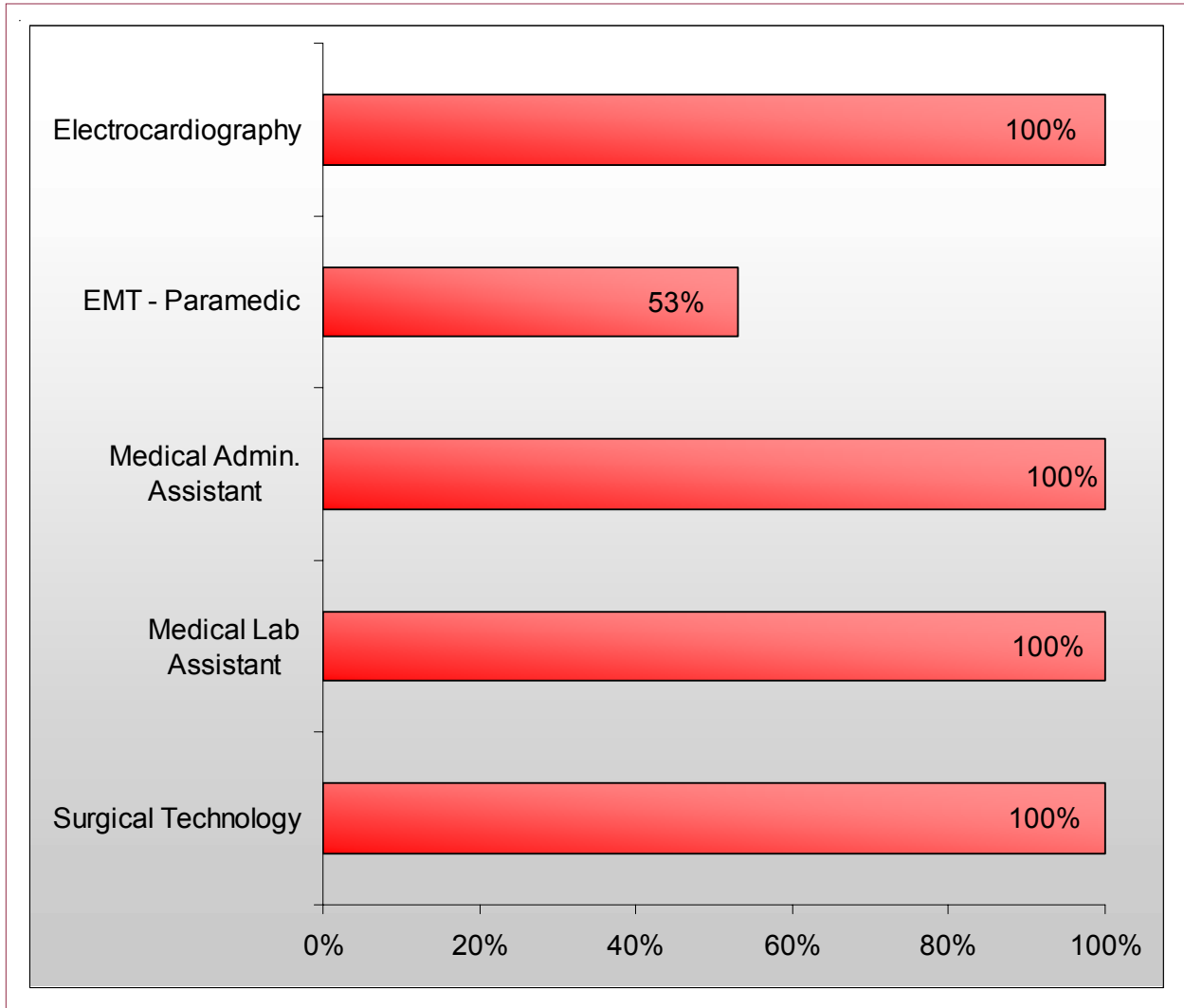
A recent study of similarly-extended graduation rates for community and technical college students provides a benchmark average rate of 36%.

COMMENTARY

Sources: WVHEPC Data Files; "Improving Student Attainment in Community Colleges: Institutional Characteristics and Policies" - Community College Research Center, Teachers College, Columbia University



## Pass Rates of Undergraduate Certificate Completers on Licensure/Certification Examinations (Exams Taken July 1, 2004-June 30, 2005)



**COMMENTARY**

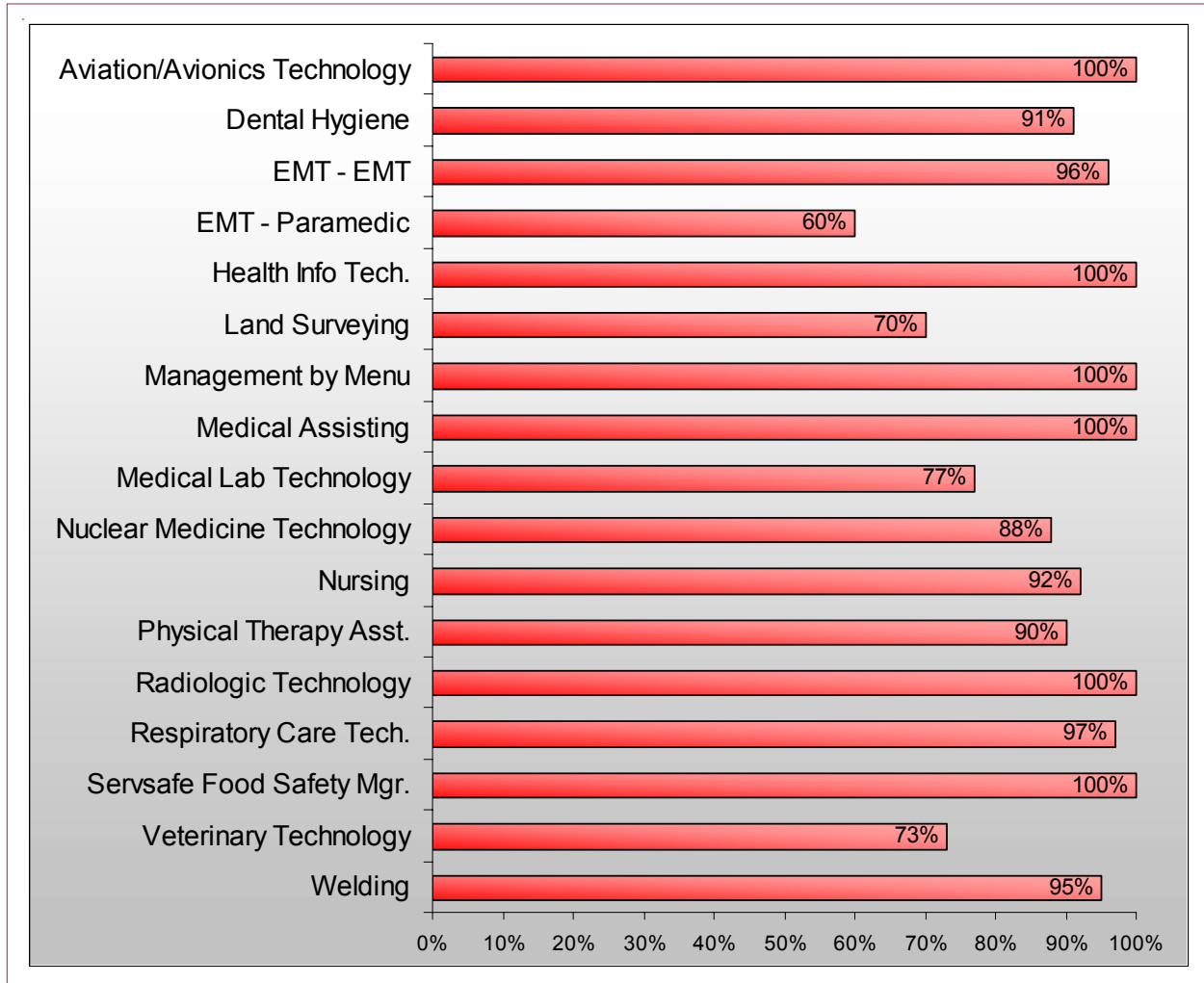
The overall pass rate for certificate degree completers on licensure/certification examinations is 73%. This is a decrease of 15% from last year's rate.

**COMMENTARY**

Source: WVHEPC Licensure Pass Rate Survey



## Pass Rates of Associate Degree Completers on Licensure/Certification Examinations (Exams Taken July 1, 2004-June 30, 2005)



**COMMENTARY**

The overall pass rate for associate's degree completers on licensure/certification examinations is 92%. This is 3% higher than last year's rate of 89%.

**COMMENTARY**

Source: WVHEPC Licensure Pass Rate Survey

