

VCCS Student Outcomes



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Recent Measures of VCCS Student Outcomes

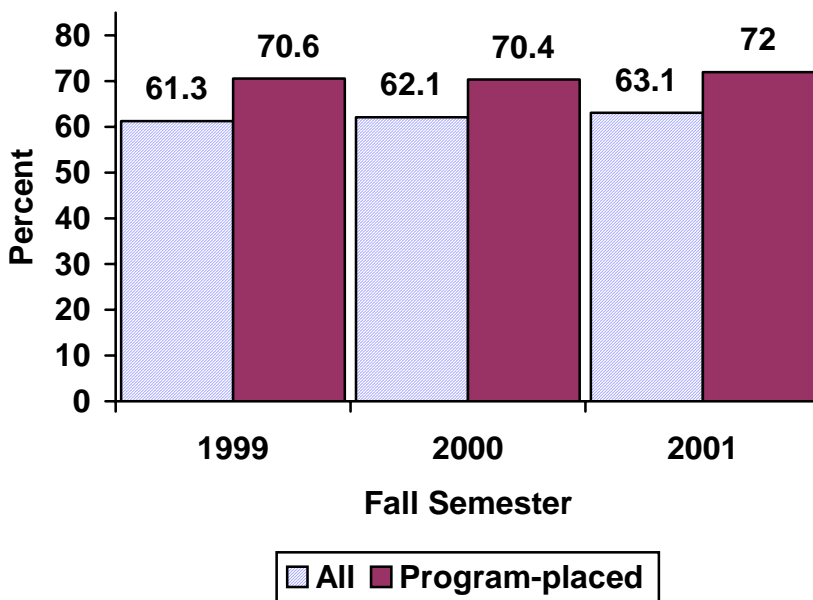
This report pulls together recent trend data for several measures of student outcomes. These and many others are currently required by several state and federal agencies. Included in VCCS accountability responses are rates of retention, graduation, transfer, and employment.

A college's **graduation rate** is included as an indicator in almost all accountability programs. **Retention** and progression are also often included. Both reflect 'student movement' and are often viewed as output measures connected to efficiency. Beyond these, accountability mandates often address placement, either **further study** or **employment** after graduation, in attempts to address concerns with quality.

Although community colleges, including the VCCS, have questioned definitions and/or the application of the measures to community colleges, changes have been limited. The VCCS now supplies individual or combined rates of retention, graduation, transfer, and employment to SCHEV, VEC, and the federal DOE, primarily for the Reports of Institutional Effectiveness (ROIE), Workforce Investment Act (WIA) Re-certification, Student-Right-to-Know (SRK), and Perkins requirements.

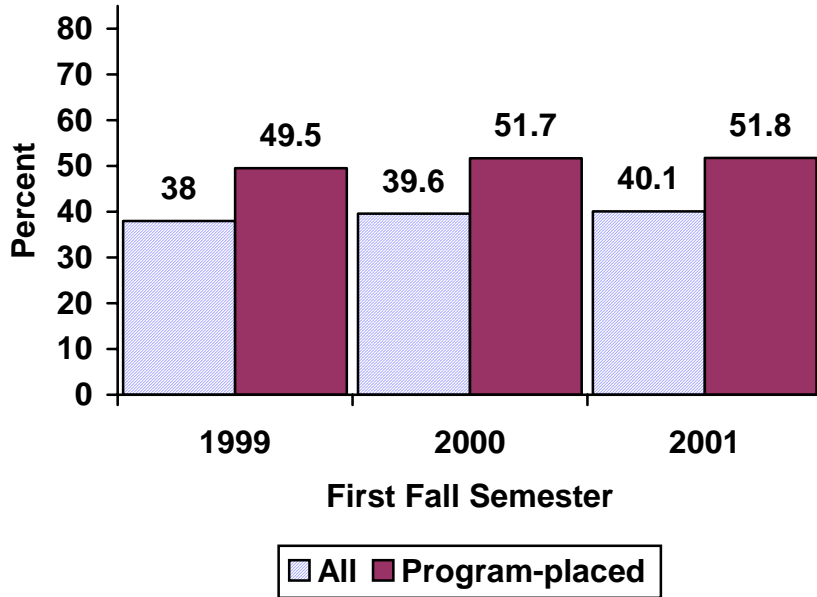
For each measure, the variation most often supplied for accountability purposes or most often requested on an ad hoc basis is tabled below. College rates follow the definition section.

Retention- Fall to Spring



Within-year or spring term retention rates increased markedly in the early 90's. After holding at the higher levels for the rest of the 90's, there has been an increase in retention for the last two fall terms.

Retention- Fall to Fall



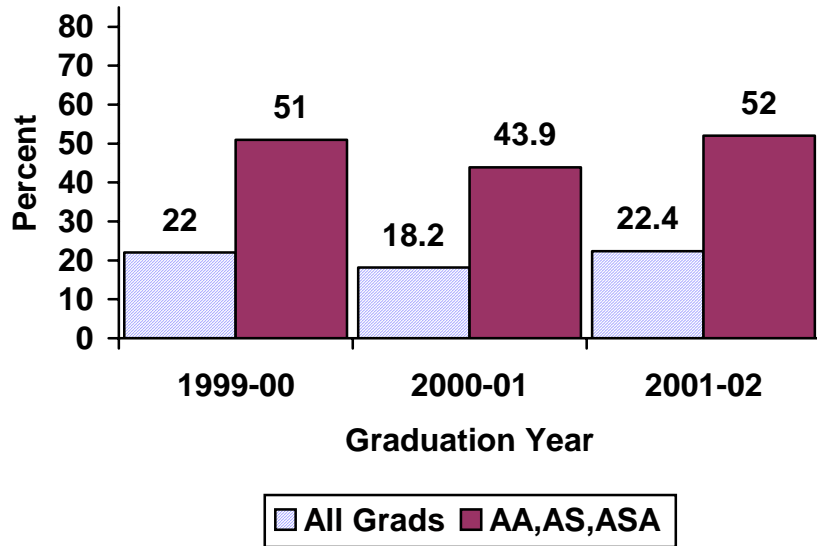
Between-year retention is also increasing again after holding steady following several consecutive increases in the early 90's.

Graduation Rates



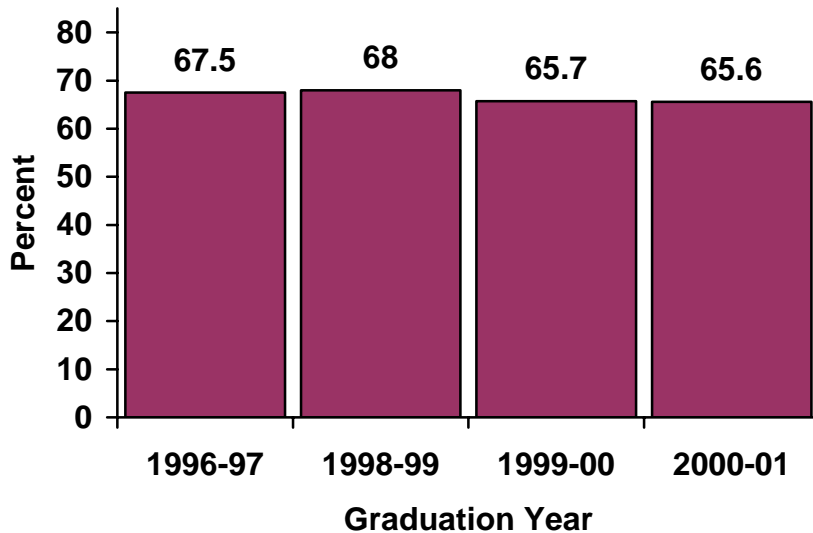
After several years of declining rates for students who began study in the early 90's, completion rates for recent entering classes are now stable.

Virginia Transfer Rates: Graduates



Typically 22 percent of all graduates transfer. The rate for students who completed transfer programs is above 50 percent. The rates for 2000-01 graduates are not typical.

Virginia Employment Rates: Graduates



Looking at graduates within 1 year of completing their studies, approximately two of every three graduates are employed by Virginia businesses and industries.

Definitions:

Fall-to-spring retention is the percent of fall student re-enrolling in the spring term, with separate rates for all students and for students with declared majors.

Fall-to-fall retention is the percent re-enrolling the next fall term. Separate rates were calculated for all students and those in programs.

Graduation rates are based on a fall cohort of first-time, full-time, program-placed students. The rate is the number completing in 150 percent of program length or three years divided by the total fall cohort. The rates tabled are IPEDS SRK, which includes graduates of the trailing (4th) summer.

Graduate Transfer Rate is defined as the percentage of one-year's graduates who are enrolled at a four-year, public or private, institution for the fall semester after the graduation year, for example, 2000-01 graduates enrolled in fall 2001.

Graduate Employment Rate is defined as the percentage of one-year's graduates who are working, as reported in BLS UI files, for a Virginia business or industry in the 4th quarter of the year in which the graduation ended, for example 2000-01 graduates working 4th quarter 2001.

VCCS Students Returning in the Spring Semester

| Fall | 1999 | | 2000 | | 2001 | |
|---------------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | All Students | Program-Placed | All Students | Program-Placed | All Students | Program-Placed |
| BLUE RIDGE | 65.30% | 82.00% | 66.80% | 77.10% | 66.40% | 80.60% |
| CENTRAL VIRGINIA | 64.10% | 71.10% | 64.00% | 71.90% | 64.30% | 75.50% |
| DABNEY S LANCASTER | 63.00% | 65.80% | 61.70% | 62.90% | 70.10% | 78.00% |
| DANVILLE | 58.80% | 77.70% | 62.50% | 73.70% | 62.90% | 79.30% |
| EASTERN SHORE | 65.50% | 68.90% | 65.50% | 70.90% | 62.80% | 77.70% |
| GERMANNA | 67.70% | 66.20% | 69.00% | 65.80% | 67.00% | 66.00% |
| J SARGEANT REYNOLDS | 61.00% | 72.90% | 61.40% | 69.20% | 60.60% | 69.80% |
| JOHN TYLER | 61.10% | 71.40% | 63.60% | 79.10% | 65.40% | 76.90% |
| LORD FAIRFAX | 60.50% | 76.50% | 62.30% | 72.10% | 62.20% | 71.30% |
| MOUNTAIN EMPIRE | 63.40% | 69.10% | 65.50% | 65.60% | 66.50% | 68.10% |
| NEW RIVER | 61.90% | 74.30% | 61.60% | 71.30% | 65.80% | 80.90% |
| NORTHERN VIRGINIA | 59.40% | 70.40% | 59.20% | 70.00% | 61.30% | 74.10% |
| PATRICK HENRY | 59.80% | 66.10% | 63.30% | 66.20% | 58.00% | 70.30% |
| PAUL D CAMP | 65.60% | 64.80% | 64.90% | 61.60% | 67.00% | 59.90% |
| PIEDMONT VIRGINIA | 52.60% | 75.00% | 54.80% | 71.50% | 58.10% | 71.90% |
| RAPPAHANNOCK | 60.70% | 68.20% | 60.90% | 68.80% | 64.10% | 74.30% |
| SOUTHSIDE | 59.60% | 66.80% | 59.30% | 77.00% | 59.70% | 69.60% |
| SOUTHWEST | 55.70% | 60.60% | 58.70% | 66.00% | 58.70% | 62.60% |
| THOMAS NELSON | 63.10% | 68.40% | 62.60% | 67.40% | 63.40% | 69.50% |
| TIDEWATER | 65.10% | 71.10% | 64.90% | 72.20% | 65.40% | 71.80% |
| VIRGINIA HIGHLANDS | 66.70% | 71.30% | 69.00% | 71.30% | 68.50% | 71.00% |
| VIRGINIA WESTERN | 59.10% | 69.90% | 62.20% | 71.00% | 63.90% | 73.00% |
| WYTHEVILLE | 64.10% | 78.10% | 69.00% | 79.00% | 69.80% | 73.90% |
| VCCS | 61.30% | 70.60% | 62.10% | 70.40% | 63.10% | 72.00% |

VCCS Students Returning the Next Fall

| Beginning Fall | 1999 | | 2000 | | 2001 | |
|---------------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | All Students | Program-Placed | All Students | Program-Placed | All Students | Program-Placed |
| BLUE RIDGE | 41.50% | 58.80% | 43.40% | 64.70% | 45.90% | 65.10% |
| CENTRAL VIRGINIA | 34.50% | 52.30% | 37.30% | 50.40% | 36.70% | 52.80% |
| DABNEY S LANCASTER | 33.60% | 50.30% | 29.90% | 42.90% | 38.50% | 61.40% |
| DANVILLE | 33.20% | 52.90% | 34.60% | 52.70% | 35.90% | 54.80% |
| EASTERN SHORE | 37.40% | 38.70% | 37.60% | 46.30% | 36.50% | 53.60% |
| GERMANNA | 34.20% | 42.70% | 38.40% | 47.70% | 37.00% | 48.40% |
| J SARGEANT REYNOLDS | 36.40% | 48.30% | 37.70% | 52.10% | 36.70% | 46.80% |
| JOHN TYLER | 36.80% | 50.70% | 38.00% | 52.50% | 39.60% | 52.90% |
| LORD FAIRFAX | 37.70% | 51.70% | 39.50% | 51.50% | 38.80% | 55.80% |
| MOUNTAIN EMPIRE | 35.40% | 42.40% | 38.50% | 47.80% | 39.90% | 44.50% |
| NEW RIVER | 35.90% | 52.10% | 36.40% | 56.30% | 37.10% | 58.10% |
| NORTHERN VIRGINIA | 40.40% | 52.10% | 41.50% | 53.80% | 42.00% | 55.30% |
| PATRICK HENRY | 39.30% | 46.60% | 39.50% | 48.10% | 37.90% | 49.60% |
| PAUL D CAMP | 35.40% | 42.30% | 32.30% | 44.90% | 37.30% | 47.10% |
| PIEDMONT VIRGINIA | 33.60% | 53.80% | 33.00% | 50.30% | 36.40% | 52.40% |
| RAPPAHANNOCK | 33.50% | 51.70% | 35.10% | 51.10% | 35.40% | 49.30% |
| SOUTHSIDE | 31.40% | 44.40% | 33.40% | 50.00% | 37.40% | 45.90% |
| SOUTHWEST | 36.90% | 46.00% | 37.80% | 45.00% | 36.50% | 43.10% |
| THOMAS NELSON | 40.40% | 46.40% | 42.20% | 47.10% | 41.70% | 47.90% |
| TIDEWATER | 42.00% | 50.00% | 43.90% | 53.40% | 43.80% | 51.80% |
| VIRGINIA HIGHLANDS | 37.50% | 52.80% | 39.80% | 51.50% | 42.20% | 54.20% |
| VIRGINIA WESTERN | 34.80% | 47.00% | 37.50% | 50.00% | 39.10% | 50.90% |
| WYTHEVILLE | 30.80% | 59.10% | 36.00% | 60.20% | 39.00% | 57.70% |
| VCCS | 38.00% | 49.50% | 39.60% | 51.70% | 40.10% | 51.80% |

| VCCS Graduation Rates | | | | | |
|-----------------------|--------|--------|--------|--------|--------|
| Entering Fall: | 1995 | 1996 | 1997 | 1998 | 1999 |
| BLUE RIDGE | 22.60% | 20.50% | 27.70% | 28.10% | 25.77% |
| CENTRAL VIRGINIA | 10.10% | 5.26% | 12.80% | 20.80% | 21.05% |
| DABNEY S LANCASTER | 33.50% | 30.20% | 21.30% | 30.00% | 29.52% |
| DANVILLE | 24.70% | 26.30% | 24.80% | 21.70% | 23.15% |
| EASTERN SHORE | 18.80% | 12.00% | 16.10% | 26.90% | 15.09% |
| GERMANNA | 22.50% | 19.80% | 21.00% | 18.80% | 20.72% |
| J SARGEANT REYNOLDS | 13.10% | 8.98% | 9.14% | 12.80% | 9.32% |
| JOHN TYLER | 12.00% | 10.30% | 11.20% | 13.20% | 10.34% |
| LORD FAIRFAX | 34.90% | 28.30% | 25.80% | 25.30% | 24.33% |
| MOUNTAIN EMPIRE | 20.40% | 20.00% | 18.70% | 13.50% | 17.15% |
| NEW RIVER | 16.90% | 20.40% | 17.90% | 22.20% | 15.16% |
| NORTHERN VIRGINIA | 7.08% | 7.56% | 7.85% | 6.88% | 8.26% |
| PATRICK HENRY | 13.20% | 18.00% | 17.10% | 17.50% | 21.28% |
| PAUL D CAMP | 14.10% | 14.40% | 15.00% | 15.60% | 16.84% |
| PIEDMONT VIRGINIA | 15.60% | 13.50% | 11.40% | 12.20% | 15.20% |
| RAPPAHANNOCK | 18.20% | 15.70% | 12.60% | 22.00% | 20.00% |
| SOUTHSIDE | 22.90% | 24.20% | 21.70% | 18.50% | 16.98% |
| SOUTHWEST | 18.40% | 24.00% | 23.20% | 19.40% | 18.25% |
| THOMAS NELSON | 10.60% | 9.00% | 8.01% | 6.62% | 8.00% |
| TIDEWATER | 7.44% | 9.53% | 7.79% | 9.66% | 9.02% |
| VIRGINIA HIGHLANDS | 26.60% | 21.80% | 18.40% | 17.60% | 19.56% |
| VIRGINIA WESTERN | 16.70% | 15.90% | 14.60% | 16.30% | 12.84% |
| WYTHEVILLE | 20.10% | 31.00% | 22.20% | 34.40% | 33.33% |
| VCCS | 15.10% | 14.70% | 13.70% | 14.20% | 13.71% |

| VCCS Graduates Transferring in Virginia | | | | | | |
|---|-----------|----------------|-----------|----------------|-----------|----------------|
| Graduation Year | 1998-99 | | 1999-00 | | 2000-01 | |
| | All Grads | Only AA,AS,ASA | All Grads | Only AA,AS,ASA | All Grads | Only AA,AS,ASA |
| BLUE RIDGE | 26.00% | 55.00% | 24.20% | 50.80% | 31.30% | 61.05% |
| CENTRAL VIRGINIA | 23.00% | 57.00% | 13.90% | 31.80% | 18.40% | 50.80% |
| DABNEY S LANCASTER | 13.00% | 62.00% | 12.80% | 44.80% | 15.60% | 52.60% |
| DANVILLE | 14.00% | 70.00% | 5.60% | 36.20% | 12.10% | 54.70% |
| EASTERN SHORE | 7.00% | 24.00% | 11.80% | 33.30% | 12.10% | 45.50% |
| GERMANNA | 33.00% | 56.00% | 35.70% | 56.00% | 35.10% | 58.20% |
| J SARGEANT REYNOLDS | 19.00% | 58.00% | 17.60% | 56.40% | 22.20% | 58.70% |
| JOHN TYLER | 21.00% | 57.00% | 18.90% | 48.50% | 19.10% | 52.60% |
| LORD FAIRFAX | 25.00% | 48.00% | 22.40% | 43.90% | 25.20% | 48.90% |
| MOUNTAIN EMPIRE | 9.00% | 40.00% | 7.40% | 45.20% | 10.90% | 50.80% |
| NEW RIVER | 16.00% | 48.00% | 17.10% | 55.60% | 20.80% | 56.60% |
| NORTHERN VIRGINIA | 24.00% | 43.00% | 21.40% | 39.90% | 26.60% | 47.50% |
| PATRICK HENRY | 22.00% | 54.00% | 9.50% | 29.30% | 9.60% | 45.90% |
| PAUL D CAMP | 29.00% | 48.00% | 18.90% | 32.80% | 30.60% | 51.50% |
| PIEDMONT VIRGINIA | 26.00% | 54.00% | 22.50% | 48.40% | 30.20% | 57.40% |
| RAPPAHANNOCK | 13.00% | 40.00% | 10.10% | 37.80% | 17.60% | 35.70% |
| SOUTHSIDE | 22.00% | 57.00% | 15.40% | 60.50% | 15.60% | 57.80% |
| SOUTHWEST | 14.00% | 49.00% | 13.30% | 39.80% | 14.70% | 47.50% |
| THOMAS NELSON | 25.00% | 52.00% | 17.20% | 37.00% | 19.30% | 52.40% |
| TIDEWATER | 26.00% | 54.00% | 23.10% | 46.90% | 28.70% | 55.00% |
| VIRGINIA HIGHLANDS | 23.00% | 54.00% | 12.40% | 39.70% | 18.90% | 47.30% |
| VIRGINIA WESTERN | 26.00% | 57.00% | 20.60% | 38.00% | 29.50% | 54.80% |
| WYTHEVILLE | 12.00% | 59.00% | 8.80% | 54.00% | 11.60% | 47.50% |
| VCCS | 22.00% | 51.00% | 18.20% | 43.90% | 22.40% | 52.00% |

| VCCS Graduates Employed in Virginia | | | | |
|-------------------------------------|---------|---------|---------|---------|
| Graduation Year | 1996-97 | 1998-99 | 1999-00 | 2000-01 |
| BLUE RIDGE | 82.04% | 80.38% | 76.09% | 78.83% |
| CENTRAL VIRGINIA | 74.38% | 80.99% | 74.21% | 76.47% |
| DABNEY S LANCASTER | 73.37% | 77.27% | 72.30% | 74.47% |
| DANVILLE | 77.40% | 77.62% | 74.59% | 71.98% |
| EASTERN SHORE | 62.71% | 73.39% | 67.74% | 71.43% |
| GERMANNA | 72.28% | 75.25% | 68.35% | 70.76% |
| J SARGEANT REYNOLDS | 81.51% | 76.93% | 74.59% | 78.08% |
| JOHN TYLER | 76.76% | 77.44% | 74.61% | 79.11% |
| LORD FAIRFAX | 71.04% | 74.86% | 70.92% | 71.85% |
| MOUNTAIN EMPIRE | 57.18% | 56.87% | 51.56% | 51.72% |
| NEW RIVER | 72.48% | 76.01% | 77.46% | 70.35% |
| NORTHERN VIRGINIA | 57.83% | 56.51% | 57.44% | 55.66% |
| PATRICK HENRY | 76.82% | 68.84% | 70.81% | 69.24% |
| PAUL D CAMP | 72.14% | 69.63% | 61.49% | 64.18% |
| PIEDMONT VIRGINIA | 74.91% | 75.58% | 69.45% | 75.26% |
| RAPPAHANNOCK | 69.74% | 86.73% | 74.31% | 68.91% |
| SOUTHSIDE | 76.75% | 71.93% | 66.58% | 75.13% |
| SOUTHWEST | 56.53% | 56.94% | 61.49% | 54.37% |
| THOMAS NELSON | 69.01% | 66.09% | 62.77% | 58.53% |
| TIDEWATER | 62.22% | 65.14% | 60.59% | 60.99% |
| VIRGINIA HIGHLANDS | 65.43% | 61.86% | 59.29% | 54.10% |
| VIRGINIA WESTERN | 71.59% | 78.92% | 67.63% | 71.68% |
| WYTHEVILLE | 70.86% | 71.06% | 69.61% | 73.62% |
| VCCS | 67.46% | 68.03% | 65.65% | 65.62% |