

Value Adds Up Over Time

GEORGETOWN UNIVERSITY



Center on Education and the Workforce

McCourt School of Public Policy

Anthony P. Carnevale Ban Cheah Martin Van Der Werf

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Acknowledgments

We are grateful to the individuals and organizations whose generous support has made this report possible: Lumina Foundation (Jamie Merisotis, Wendy Sedlak, Holly Zanville, and Susan D. Johnson); the Bill & Melinda Gates Foundation (Patrick Methvin and Jamey Rorison); the Joyce Foundation (Sameer Gadkaree); and the Annie E. Casey Foundation (Bob Giloth and Allison Gerber). We are honored to be their partners in our shared mission of promoting postsecondary access, completion, and career success for all Americans.

The staff of the Georgetown University Center on Education and the Workforce was instrumental in the production of this report from conception to publication. In particular, we would like to thank

- Jeff Strohl for research direction;
- Nicole Smith for economic methodology;
- Kathryn Peltier Campbell for editorial and qualitative feedback;
- Hilary Strahota, Emma Wenzinger, Frank Zhang, and Caitlin Panarella for communications efforts, including design development and public relations; and
- Andrew Debraggio and Coral Castro for assistance with logistics and operations.

Many others contributed their thoughts and feedback throughout the production of this report. We especially are grateful to our talented designers, editorial advisors, and printers, whose efforts were vital to its successful completion.

The views expressed in this publication are those of the authors and do not necessarily represent those of Lumina Foundation, the Bill & Melinda Gates Foundation, the Joyce Foundation, or the Annie E. Casey Foundation, or any of their officers or employees. All errors and omissions are the responsibility of the authors.

Contents

| Introduction | · · · · · · · · · · · · · · · · · · · |
|--|---------------------------------------|
| The ROI at Liberal Arts Institutions | |
| The ROIs at the most selective liberal arts institutions are very high | |
| High graduation rates are associated with high ROIs at liberal arts colleges | 6 |
| Liberal arts institutions with smaller shares of low-income students have higher ROIs | |
| ROI is high for institutions that have a high share of STEM majors | |
| Geography is an important factor in ROI | 10 |
| Conclusion | 14 |
| References | 15 |
| Appendix A. Data and Methodology | 16 |
| Appendix B. The Most Selective Liberal Arts Institutions | 18 |
| Appendix C. Where 210 Liberal Arts Institutions Rank against All Other US Institutions | 19 |
| Appendix D. How 210 Liberal Arts Institutions Compare to One Another | 27 |

Figures

| Figure 1 The ROI for liberal arts institutions is well below the median for all colleges at the 10-year horizon, but well above the median for all colleges 40 years after enrollment. |
|---|
| Figure 2 The median ROI at liberal arts institutions (Baccalaureate Colleges: Arts & Sciences Focus) is higher than at most other types of four- |
| year institutions |
| those at doctoral institutions with the highest level of research activity 5 |
| Figure 4 Liberal arts institutions with higher graduation rates generally have |
| higher returns |
| Figure 5 Institutions with a lower percentage of students on Pell Grants |
| have higher ROIs7 |

| Figure 6 Colleges with high shares of STEM majors have higher median ROIs than colleges with high shares of students majoring in the arts9 |
|---|
| Figure 7 Regions with higher incomes, such as New England, have colleges with higher ROIs |
| Figure 8 Liberal arts institutions are clustered in the Eastern half of the United States |
| Table 1 Eight of the 10 liberal arts institutions with the highest ROI are in East Coast states. 12 |
| Table 2 Six of the 10 liberal arts colleges with the lowest ROI are located in |
| the Southeast |

Introduction

The value of a liberal arts education has come into question as more students are opting for undergraduate degrees with direct connections to the job market.¹ In response to demand, some liberal arts colleges have cut programs in traditional liberal arts fields and created programs in career-oriented fields like business.² Despite these efforts to attract more students, some small liberal arts colleges have closed or are in danger of closing.³

Given these challenges, it is worth asking: How do students who attend the 210 or so liberal arts colleges in the United States actually fare financially once they enter the labor force? It turns out that they fare quite well. These colleges' median return on investment (ROI) 40 years after enrollment is \$918,000. That puts the ROI at these colleges just below the ROI at universities with the two highest levels of research activity.

Consider the value of attending Harvey Mudd College, for example. It has one of the highest ROIs at 40 years after enrollment of any college in the United States: \$1.85 million. Only 13 educational institutions in the nation

rank higher. Two other liberal arts colleges, Washington and Lee University and Claremont McKenna College, rank in the top 50 in ROI among American colleges after 40 years. In fact, the 47 most selective liberal arts colleges have a median ROI of \$1.13 million,⁴ almost equal to the median of the largest doctoral-level research universities.

That high median ROI masks the variability of outcomes for liberal arts institutions, however. At the 75th percentile, the median ROI of liberal arts colleges is \$1.05 million; at the 25th percentile,⁵ it is \$766,000.

We measure ROI using the net present value (NPV),⁶ following a methodology we developed in our earlier study of ROI at more than 4,500 institutions.⁷ That report concluded that the NPV 40 years after a student enrolls at a college is one sensible measure of ROI. This measure is especially relevant at liberal arts colleges, since students tend to enroll at these institutions at a traditional college-going age of around 20 years old,⁸ meaning that NPV at a 40-year horizon can be understood as the ROI when these former students are about 60 years old.

¹ US Department of Education, National Center for Education Statistics, "Bachelor's Degrees Conferred by Postsecondary Institutions, by Field of Study," 2018. For example, between 2008–09 and 2016–17, bachelor's degrees conferred in computer and information sciences increased by 88 percent; those conferred in engineering increased by 68 percent; and those conferred in business increased by 10 percent. Meanwhile, bachelor's degrees in traditional liberal arts disciplines became less popular: in English language and literature/letters, they declined by 26 percent; in social sciences and history, they declined by 6 percent.

See, for example, Marcus, "With Enrollment Sliding, Liberal Arts Colleges Struggle to Make a Case for Themselves," 2018.

See, for example, O'Carroll, "Can Small Liberal Arts Colleges Survive the Next Decade?," 2019.

⁴ We relied on Barron's Profiles of American Colleges to determine selectivity. For a list of the most selective liberal arts colleges, see Appendix B.

⁵ Colleges at the 75th percentile have higher returns than 75 percent of all liberal arts colleges but lower returns than 25 percent of all colleges; colleges at the 25th percentile have higher returns than 25 percent of all liberal arts colleges but lower returns than 75 percent of such colleges.

⁶ Net present value can best be described as expected lifetime earnings minus the cost of going to college. For a further explanation of the methodology, see Appendix A.

Carnevale et al., A First Try at ROI, 2019.

⁸ The average age when students first enroll in the 210 institutions in our data is 20 years old.

Which institutions should be considered liberal arts colleges is a matter of perception that may differ among observers. Instead of relying on subjective judgment, this report examines institutions listed by the Carnegie Classification system as Baccalaureate Colleges: Arts & Sciences Focus. This category covers only colleges that primarily offer bachelor's degrees. It does not include prestigious universities that are known for their strong liberal arts curricula, such as Ivy League institutions or other highly selective universities like Stanford University or Vanderbilt University. 10

This report finds the following:

- The ROI at liberal arts institutions is the third highest among the 14 different types of four-year institutions.
- Higher graduation rates are strongly correlated with higher ROI at liberal arts colleges.
- The share of students who are from low-income families is correlated with lower ROI at liberal arts institutions.
- The share of students in different majors at liberal arts colleges, particularly students majoring in science, technology, engineering, and mathematics (STEM), can affect ROI.
- ROI at liberal arts institutions is also influenced by external factors such as regional per capita income.



⁹ The Carnegie Classification system lists colleges as Baccalaureate Colleges "if bachelor's degrees accounted for at least 50 percent of all degrees awarded and they awarded fewer than 50 master's degrees (2016–17 degree conferrals). In addition, these categories were limited to institutions that were not identified as Tribal Colleges or as Special Focus Institutions in which at least half of bachelor's degree majors [were] in arts and sciences fields were included in the 'Arts θ Sciences' group, while the remaining institutions were included in the 'Diverse Fields' group." A total of 244 institutions fall into the Baccalaureate Colleges: Arts θ Sciences Focus category (using the Carnegie website and 2015 definitions), but NPVs could be calculated only for those colleges that reported earnings and cost data to the College Scorecard. Appendix C includes data for 210 institutions—those in the Baccalaureate Colleges: Arts θ Sciences Focus group for which an NPV could be calculated.

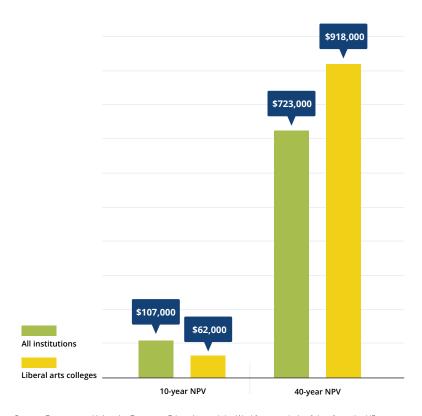
¹⁰ These institutions are "Doctoral Universities" in the Carnegie Classification system. Also see Hill and Pisacreta, *The Economic Benefits and Costs of a Liberal Arts Education*, 2019 for an extensive discussion of differences between liberal arts education and liberal arts institutions.

The ROI at Liberal Arts Institutions

The median ROI for liberal arts institutions starts out rather low. At the 10-year horizon the median ROI is \$62,000, or about 40 percent below the median ROI of all colleges, which is \$107,000.¹¹ However, it rises quickly. By 40 years after enrollment, the median ROI at liberal arts colleges reaches \$918,000, more than 25 percent above the median ROI of all colleges, which is \$723,000 (Figure 1).¹² This is not unusual. The ROIs of most four-year institutions typically lag behind those of two-year institutions in the short term because it takes longer for students to earn a bachelor's degree before they enter the workforce and begin earning money. At the 40-year mark, most of those who attended liberal arts colleges have been in the workforce for the majority of their adult lives, and the value of the credential is more evident.

The 40-year NPV at liberal arts colleges (\$918,000) is the third highest among the 14 different types of colleges, as defined by the Carnegie Classification system. Only doctoral universities with the two highest levels of research activity have a higher average ROI (at \$1.14 million and \$938,000, respectively).¹³ These doctoral universities include perhaps the best-known colleges in the nation, such as the California Institute of Technology, Duke University, and Harvard University, many public flagship universities, and also some lesser-known universities with

Figure 1. The ROI for liberal arts institutions is well below the median for all colleges at the 10-year horizon, but well above the median for all colleges 40 years after enrollment.



¹¹ Carnevale et al., A First Try at ROI, 2019.

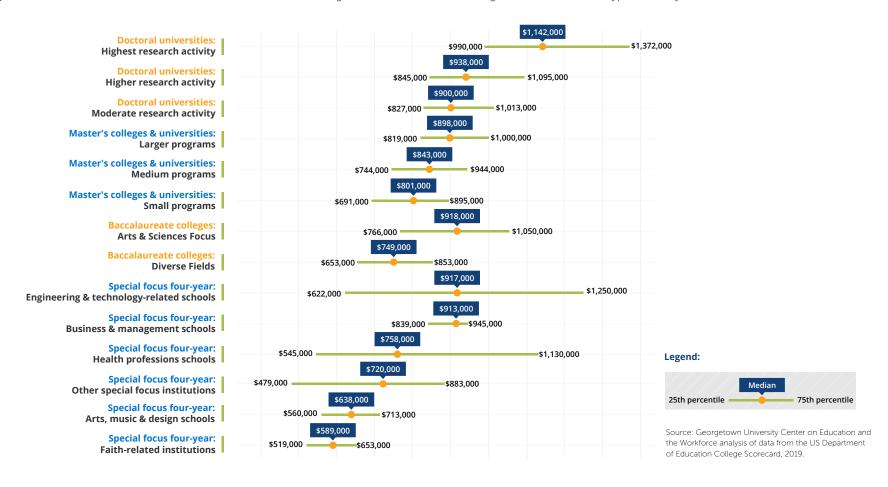
¹² Carnevale et al., A First Try at ROI, 2019.

¹³ The Carnegie Classification system divides all two- and four-year institutions into 14 different typologies, based on primary programs and credential offerings, level of research activity, and other criteria. Doctoral institutions are divided into three categories based on their levels of research activity. Carnegie classifications were most recently updated in 2018, but this report uses the 2015 Carnegie classifications since they are used in the College Scorecard.

strong pre-professional programs, such as Chapman University, Hampton University, and Villanova University. The ROI of liberal arts colleges is comparable to the ROI at four-year engineering and technology-related schools and business and management schools (Figure 2).

While liberal arts institutions have high ROIs overall, they also have widely ranging outcomes. At the 25th percentile, the median long-term ROI is \$766,000, which is almost exactly the same ROI as for all public colleges and universities in the United States (\$765,000). Meanwhile, the median ROI at the 75th percentile is a lofty \$1.05 million, higher than at most other types of colleges, public and private.

Figure 2. The median ROI at liberal arts institutions (Baccalaureate Colleges: Arts & Sciences Focus) is higher than at most other types of four-year institutions.



¹⁴ Carnevale et al., A First Try at ROI, 2019

The ROIs at the most selective liberal arts institutions are very high.

The 40-year NPV at the most selective liberal arts institutions is almost as high as at doctoral institutions with the highest level of research activity. ¹⁵ These selective liberal arts colleges with national reputations include such institutions as Carleton College, Kenyon College, the University of Richmond, Wesleyan University, and Williams College. Many of these colleges are known for sending a large number of their students on to graduate and professional schools.

The median ROI for this select group of 47 liberal arts colleges¹⁶ is \$1.13 million, just shy of the \$1.14 million median ROI for doctoral universities with the highest level of research activity. The 40-year NPV at the 25th percentile for these highly selective liberal arts colleges is \$938,000, while the NPV at the 75th percentile is \$1.26 million, which is not far below the \$1.37 million NPV for the 75th percentile of doctoral institutions with the highest level of research activity (Figure 3). In other words, the ROI from attending one of these colleges is approximately the same as that associated with attending doctoral-level institutions, which typically offer liberal arts majors alongside a panoply of professional degrees in such areas as business, engineering, and nursing.

Figure 3. The most selective liberal arts institutions have ROIs similar to those at doctoral institutions with the highest level of research activity.



The most selective liberal arts institutions are those categorized as "most competitive" according to the 2019 edition of Barron's Profiles of American Colleges. This is the highest level of selectivity among six categories maintained by Barron's. See Appendix B for a complete list.

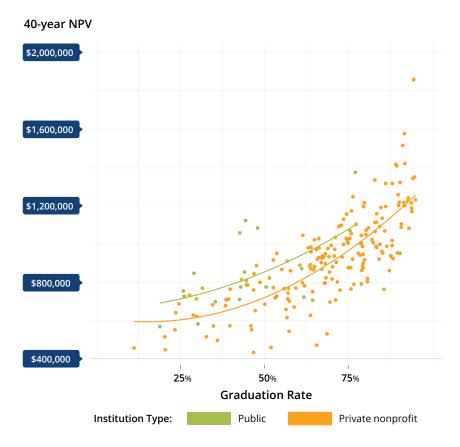
¹⁶ Hillsdale College would also be included in this group, but it did not report data on costs or earnings. Without the data, the NPV for Hillsdale could not be calculated.

High graduation rates are associated with high ROIs at liberal arts colleges.

In general, liberal arts institutions with high graduation rates have higher ROIs, perhaps reflecting that students who complete their degrees are likely to realize the full return on their investment. Liberal arts institutions with graduation rates below 25 percent all have median ROIs below \$800,000 (Figure 4). For example, East-West University in Chicago, with a graduation rate of 11 percent, has a 40-year NPV of just \$456,000. Meanwhile, liberal arts colleges with high graduation rates tend to deliver high ROIs to students. For example, Harvey Mudd, with a graduation rate of 95 percent, has a 40-year NPV of \$1.85 million. Washington and Lee University and the College of the Holy Cross, both of which have graduation rates of 92 percent, have returns of \$1.58 million and \$1.42 million, respectively.

However, high graduation rates are not the only important indicator of high ROI. Bennington College has a relatively high graduation rate of 69 percent but has an NPV of just \$530,000. Southern Virginia University has a low graduation rate of 30 percent but a higher 40-year return of \$713,000.

Figure 4. Liberal arts institutions with higher graduation rates generally have higher returns.

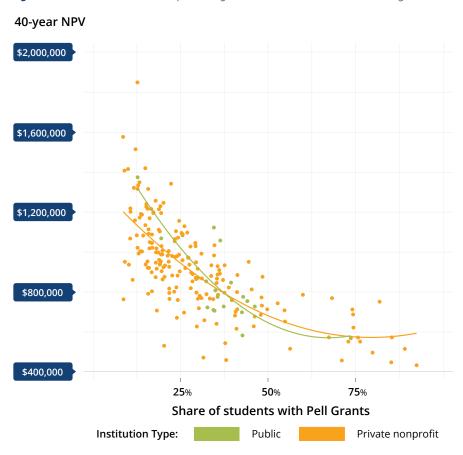


Liberal arts institutions with smaller shares of low-income students have higher ROIs.

Different liberal arts colleges serve student bodies with different demographic characteristics. The most selective colleges tend to enroll students from families with high incomes, while less selective colleges have more students from lower-income families. One measure of this is the percentage of students that receive Pell Grants, federal financial assistance for students from low-income families. In general, the lower the share of students who receive Pell Grants, the higher is that college's ROI (Figure 5). Harvey Mudd, where 13 percent of students receive Pell Grants, has a long-term ROI of \$1.85 million, while Talladega College, where 93 percent of students receive Pell Grants, has a long-term ROI of \$432,000. However, there is also a great deal of variation in outcomes. For example, at Washington and Lee University, where 8.7 percent of students are Pell Grant recipients, the 40-year NPV is \$1.58 million, while at Oberlin College, where a similar 8.8 percent of students are Pell recipients, the 40-year NPV is less than half that amount at \$763,000.



Figure 5. Institutions with a lower percentage of students on Pell Grants have higher ROIs.



ROI is high for institutions that have a high share of STEM majors.

Colleges at which a high percentage of students major in STEM (science, technology, engineering, and mathematics) tend to have higher ROIs since these majors typically lead to higher earnings. Institutions that are in the top third in terms of the share of students who major in STEM have a 40-year return of \$992,000, which is \$179,000 more than institutions in the bottom third in terms of the share of STEM majors (Figure 6).

It is worth noting that this finding masks a great deal of variation as well. Not all STEM majors have high returns. The median earnings for engineering majors, for example, are higher than for those who major in biology and natural resource sciences. This may help explain why Lafayette College, where more than 40 percent of students major in STEM fields, has an ROI of \$1.4 million, while Ursinus College, where 42 percent of students major in STEM, has an ROI of \$1.1 million. Notably, engineering is the most popular major at Lafayette, while Ursinus does not have a major in engineering—the most popular STEM majors at Ursinus are natural resources and biology. 18

At institutions that are in the top third by share of arts majors (where more than 7% of students major in the arts), the median NPV is lower—\$890,000—than at institutions in the bottom third by share of arts majors (where less than 4% major in the arts), which have a median return of \$973,000. Again, these medians mask differences in outcomes: Marymount Manhattan College, where more than 50 percent of students major in the arts, has an NPV of \$760,000, while Bennington College, where 45 percent of students major in the arts, has an NPV of \$530,000. Meanwhile, at the College of the Atlantic, where there are no arts majors, the 40-year NPV is \$471,000.

¹⁷ Carnevale et al., The Economic Value of College Majors, 2015. Also see Appendix A of this report for a means of mapping the majors listed in the College Scorecard data.

¹⁸ Georgetown University Center on Education and the Workforce analysis of data from the US Department of Education College Scorecard, 2019.

Figure 6. Colleges with high shares of STEM majors have higher median ROIs than colleges with high shares of students majoring in the arts.

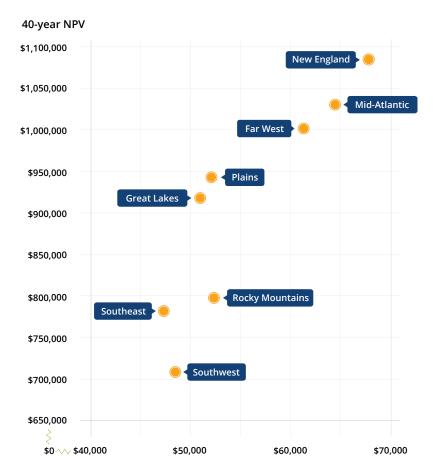
40-year NPV



Geography is an important factor in ROI.

Factors that are external to institutional characteristics, such as geographic location, also play an important role in determining ROI. Colleges in regions where per capita earnings are greater have higher median ROIs than colleges in regions where per capita incomes are lower. States in New England and the Mid-Atlantic have higher earnings, with regional per capita incomes of about \$65,000 or higher; the median ROIs at colleges in these regions are \$1.08 million and \$1.03 million, respectively. The story is different in the Southeast and Southwest, where regional per capita incomes are less than \$50,000. Students who attend liberal arts colleges in those regions have median ROIs of \$781,000 and \$708,000, respectively (Figure 7).

Figure 7. Regions with higher incomes, such as New England, have colleges with higher ROIs.



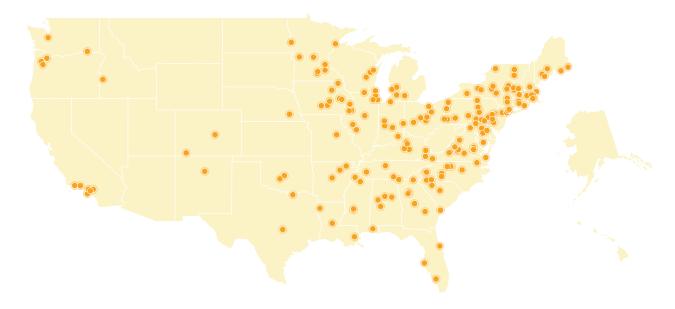
Regional per capita personal income (2018)

Regional per capita personal income data for 2018 are from the US Bureau of Economic Analysis. Geographic regions are defined as follows: New England (CT, ME, MA, NH, RI, VT); Mid-Atlantic (DE, DC, MD, NJ, NY, PA); Great Lakes (IL, IN, MI, OH, WI); Plains (IA, KS, MN, MO, NE, ND, SD); Southeast (AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, VA, WV); Southwest (AZ, NM, OK, TX); Rocky Mountains (CO, ID, MT, UT, WY); and Far West (AK, CA, HI, NV, OR, WA). The Rocky Mountains region and the Southwest region have the fewest liberal arts institutions—three and five, respectively.

In general, liberal arts institutions are concentrated in the East, especially in New England and the Mid-Atlantic states, where earnings are higher than in most other parts of the country. The majority of four-year college graduates who attend college in large metropolitan areas end up working close to where they attended college, ²⁰ so the location of the college can affect the average lifetime earnings of its students (Figure 8).

Location can also work against some colleges. Many of the small liberal arts colleges that are in financial danger or have closed are in New England or the Midwest, the areas with the steepest decline in the traditional college-age population. Vermont has been particularly hard hit, with four colleges closing in the past year.²¹ Many of the strongest liberal arts colleges, such as Middlebury College in Vermont, draw students from across the nation, so while they may be in rural locations, they are not as dependent on local demographics. Other small rural liberal arts colleges without a national draw may be more susceptible to demographic changes.

Figure 8. Liberal arts institutions are clustered in the Eastern half of the United States.



²⁰ Rothwell, "What Colleges Do for Local Economies," 2015. Overall, only about 42 percent of graduates of four-year colleges stay in the same area as their college. But that percentage increases markedly in urban areas. About 70 percent of graduates of four-year colleges in the New York City area stay in that metropolitan area. More than 65 percent of graduates from four-year colleges in Detroit, Houston, Chicago, San Jose, and Atlanta stay in those areas after graduation.

²¹ Carlson, "Lessons from Vermont's Demographic Crisis," 2019.



Most of the 10 liberal arts institutions with the highest ROI are in the Mid-Atlantic or New England, although two of the three highest ranking are in California. All but Virginia Military Institute are private nonprofit institutions.²² These colleges all have an NPV of at least \$1.3 million for students 40 years after enrollment, exceeding the median returns at doctoral institutions (Table 1).

Table 1. Eight of the 10 liberal arts institutions with the highest ROI are in East Coast states.

| Institution | State | Туре | 40-year national NPV rank | 40-year NPV |
|-------------------------------|-------|-------------------|---------------------------|-------------|
| Harvey Mudd College | CA | Private nonprofit | 14 | \$1,851,000 |
| Washington and Lee University | VA | Private nonprofit | 38 | \$1,578,000 |
| Claremont McKenna College | CA | Private nonprofit | 48 | \$1,516,000 |
| College of the Holy Cross | MA | Private nonprofit | 69 | \$1,421,000 |
| Bucknell University | PA | Private nonprofit | 72 | \$1,417,000 |
| Lafayette College | PA | Private nonprofit | 74 | \$1,409,000 |
| Virginia Military Institute | VA | Public | 84 | \$1,375,000 |
| Bowdoin College | ME | Private nonprofit | 93 | \$1,350,000 |
| Amherst College | MA | Private nonprofit | 96 | \$1,343,000 |
| Trinity College | CT | Private nonprofit | 98 | \$1,335,000 |

²² By the definitions used in our study, there are only 20 public liberal arts institutions in the United States.



Six of the colleges with the lowest returns are located in the Southeast, where per capita earnings are some of the lowest in the country. However, there is some variation. Three of the liberal arts colleges with the lowest NPV are in New England. These liberal arts institutions in the bottom 10 all have 40-year NPVs below \$550,000 (Table 2).

Table 2. Six of the 10 liberal arts colleges with the lowest ROI are located in the Southeast.

| Institution | State | Туре | 40-year national NPV rank | 40-year NPV |
|--------------------------------|-------|-------------------|---------------------------|-------------|
| Talladega College | AL | Private nonprofit | 4221 | \$432,000 |
| Allen University | SC | Private nonprofit | 4152 | \$447,000 |
| East-West University | IL | Private nonprofit | 4097 | \$456,000 |
| Warren Wilson College | NC | Private nonprofit | 4083 | \$458,000 |
| College of the Atlantic | ME | Private nonprofit | 4024 | \$471,000 |
| Rust College | MS | Private nonprofit | 3882 | \$496,000 |
| Lane College | TN | Private nonprofit | 3755 | \$514,000 |
| Judson College | AL | Private nonprofit | 3752 | \$515,000 |
| Bennington College | VT | Private nonprofit | 3659 | \$530,000 |
| Marlboro College ²³ | VT | Private nonprofit | 3585 | \$543,000 |

²³ Marlboro College has announced that it will close as a freestanding college at the end of the 2019–20 academic year. It is exploring merging with another college.

Conclusion

The share of students majoring in the liberal arts has been falling as more students favor career-oriented majors. Some small colleges grounded in the liberal arts have been failing. However, liberal arts colleges, on the whole, offer strong returns on investment to their students. These colleges rank third in ROI among the 14 categories of colleges.

However, high ROIs are not uniform across these institutions. The 47 most selective liberal arts colleges do very well—their median ROI is comparable to that of doctoral institutions with high research activity. On the other hand, the lowest-ranking four-year liberal arts colleges have 40-year ROIs of less than \$550,000, far below the average for all US colleges.

ROI can be affected by many factors—some within an institution's control and some beyond it. For example, the ROI is higher at liberal arts colleges with higher graduation rates and those that enroll smaller shares of low-income students. Majors matter, too: institutions with higher shares

of students majoring in STEM disciplines have higher ROIs. Geographic location also plays a role, with institutions in New England having the highest ROIs and institutions in the Southeast and Southwest the lowest. This corresponds with the fact that incomes in New England are higher on average than those in the Southeast or Southwest.

When evaluating the long-term return of attending any college, careful consideration must be given to all the factors that might affect its ROI.

References

Barron's Educational Series. Barron's Profiles of American Colleges 2019. 35th ed. Hauppauge, NY: Barron's Educational Series, 2018.

Carlson, Scott. "Lessons from Vermont's Demographic Crisis." Chronicle of Higher Education, December 2, 2019.

Carnevale, Anthony P., Ban Cheah, and Andrew R. Hanson. *The Economic Value of College Majors*. Washington, DC: Georgetown University Center on Education and the Workforce. 2015.

Carnevale, Anthony P., Ban Cheah, and Martin Van Der Werf. A First Try at ROI: Ranking 4,500 Colleges. Washington, DC: Georgetown University Center on Education and the Workforce, 2019.

Hill, Catherine B., and Elizabeth Davidson Pisacreta. *The Economic Benefits and Costs of a Liberal Arts Education*. New York: The Andrew W. Mellon Foundation, 2019.

Indiana University School of Education, Center for Postsecondary Research. Carnegie Classification of Institutions of Higher Education, 2015 update.

Marcus, Jon. "With Enrollment Sliding, Liberal Arts Colleges Struggle to Make a Case for Themselves." Hechinger Report, May 18, 2018.

O'Carroll, Eoin. "Can Small Liberal Arts Colleges Survive the Next Decade?" Christian Science Monitor, February 13, 2019.

Rothwell, Jonathan. "What Colleges Do for Local Economies: A Direct Measure Based on Consumption." Brookings Institution, November 17, 2015.

US Bureau of Economic Analysis, Table SAINC1. Personal Income Summary: Personal Income, Population, Per Capita Personal Income. https://apps.bea.gov/iTable/iTable.cfm?acrdn=6&isuri=1&reqid=70&step=1&reqid=7

US Department of Education, College Scorecard. https://collegescorecard.ed.gov.

US Department of Education, National Center for Education Statistics. "Bachelor's Degrees Conferred by Postsecondary Institutions, by Field of Study: Selected Years, 1970–71 through 2016–17" (Table 322.10), August 2018. https://nces.ed.gov/programs/digest/d18/tables/dt18_322.10.asp?current=yes.

Appendix A. Data and Methodology

The data is from the College Scorecard released in May 2019.¹ Only institutions that reported net price and median earnings at six, eight, and 10 years after attendance were included.

We calculated net present value (NPV) using the following equation:

NPV =
$$-\sum_{t=0}^{T_{PL+1}} \frac{Cost}{(1+r)^t} + \sum_{t=T_{PL+1}+1}^{T_H} \frac{Earnings}{(1+r)^t}$$

in which T_{PL+1} is the program length plus one, T_H is the time horizon, and r is the interest rate for discounting (2%).²

Assumptions

In analyzing the College Scorecard data, we made the following assumptions:

- **Cost** is based on each institution's reported net price.
- **Program length** is based on the predominant undergraduate degree and, in the case of certificates, the level of the institution.

- o Institutions predominantly awarding bachelor's degrees are assigned a program length of four years.
- o Institutions predominantly awarding associate's degrees are assigned a program length of two years.
- o Among institutions predominantly awarding certificates, those that are less-than-two-year institutions are assigned a program length of one year; those that are two-year institutions are assigned a program length of two years; and those that are four-year institutions are assigned a program length of four years.

To account for delayed program completion, we assumed that the average student was enrolled for one year longer than the standard program length.

• **Earnings** are based on reported median earnings at six, eight, and 10 years after students entered each institution. We used these reported medians to estimate earnings for years two, three, four, five, seven, and nine. We assumed no growth in median earnings after 10 years. The earnings data from the College Scorecard includes only students who received federal financial aid at the time of enrollment.

Available at https://collegescorecard.ed.gov/data/. Some colleges may have changed names, merged, or closed since May 2019.

² Other studies use discount rates of 3 to 5 percent or higher. For a more detailed discussion of net present value and the methodology used to calculate it, see Appendix A in Carnevale et al., A First Try at ROI, 2019.

For a more detailed discussion of the methodology, see Appendix A of Carnevale et al., A First Try at ROI: Ranking 4,500 Colleges (2019).

Programs are categorized according to the major groups listed below (Table A1).

Table A1. Mapping majors in the College Scorecard data to major groups.

| Major group | Carnegie Instructional Program (CIP) name |
|--------------------------------|---|
| Arts | Visual and Performing Arts |
| Business | Business, Management, Marketing, and Related Support Services |
| Humanities and social sciences | Area, Cultural, Ethnic, Gender, and Group Studies |
| Humanities and social sciences | English Language and Literature/Letters |
| Humanities and social sciences | Foreign Languages, Literatures, and Linguistics |
| Humanities and social sciences | History |
| Humanities and social sciences | Liberal Arts and Sciences, General Studies and Humanities |
| Humanities and social sciences | Multi/Interdisciplinary Studies |
| Humanities and social sciences | Psychology |
| Humanities and social sciences | Social Sciences |
| STEM | Agriculture, Agriculture Operations, and Related Sciences |
| STEM | Architecture and Related Services |
| STEM | Biological and Biomedical Sciences |
| STEM | Computer and Information Sciences and Support Services |
| STEM | Engineering |
| STEM | Mathematics and Statistics |
| STEM | Natural Resources and Conservation |
| STEM | Physical Sciences |

Appendix B. The Most Selective Liberal Arts Institutions

The following colleges are listed in the highest category of selectivity ("Most Competitive") by Barron's Profiles of American Colleges, and are categorized by the Carnegie Classification system as Baccalaureate Colleges: Arts & Sciences Focus.

| Institution | State | Institution | State | Institution | State |
|-------------------------------|-------|---------------------------------|-------|-------------------------------|-------|
| Amherst College | MA | Harvey Mudd College | CA | Washington and Lee University | VA |
| Barnard College | NY | Haverford College | PA | Wellesley College | MA |
| Bennington College | VT | Hillsdale College* | MI | Wesleyan University | CT |
| Bowdoin College | ME | Kenyon College | ОН | Wheaton College | IL |
| Bryn Mawr College | PA | Lafayette College | PA | Whitman College | WA |
| Bucknell University | PA | Lewis & Clark College | OR | Williams College | MA |
| Carleton College | MN | Macalester College | MN | | |
| Centre College | KY | Middlebury College | VT | | |
| Claremont McKenna College | CA | Mount Holyoke College | MA | | |
| Colby College | ME | Oberlin College | ОН | | |
| Colgate University | NY | Occidental College | CA | | |
| College of the Holy Cross | MA | Pomona College | CA | | |
| Colorado College | CO | Reed College | OR | | |
| Connecticut College | CT | Sarah Lawrence College | NY | | |
| Davidson College | NC | Skidmore College | NY | | |
| Dickinson College | PA | Smith College | MA | | |
| Franklin and Marshall College | PA | St. John's College at Annapolis | MD | | |
| Gettysburg College | PA | Swarthmore College | PA | | |
| Grinnell College | IA | Union College | NY | | |
| Hamilton College | NY | University of Richmond | VA | | |
| Hampshire College | MA | Vassar College | NY | | |

^{*}The NPV for Hillsdale College could not be calculated because it did not report data on costs or earnings of its students to the US Department of Education for the College Scorecard.



Appendix C. Where 210 Liberal Arts Institutions Rank against All Other US Institutions

The following is a list of the 210 liberal arts colleges that were analyzed for this report and data about each one. These colleges are categorized as Baccalaureate Colleges: Arts & Sciences Focus according to the Carnegie Classification of Institutions of Higher Education. Colleges are listed only if data on net price and median earnings at six, eight, and 10 years after enrollment are listed in the College Scorecard. The rankings in this appendix are the place of each college among the 4.529 institutions in the United States for which data is available.

| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|---------------------------------|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Birmingham Southern College | AL | Private nonprofit | 820 | \$937,000 | 3586 | \$61,000 | 1157 | 67% | 428 | \$19,500 |
| Judson College | AL | Private nonprofit | 3752 | \$515,000 | 4278 | \$26,000 | 3243 | 33% | 2142 | \$9,500 |
| Spring Hill College | AL | Private nonprofit | 912 | \$917,000 | 3261 | \$72,000 | 2129 | 53% | 344 | \$20,500 |
| Stillman College | AL | Private nonprofit | 3522 | \$551,000 | 4317 | \$22,000 | 3817 | 23% | 1598 | \$12,500 |
| Talladega College | AL | Private nonprofit | 4221 | \$432,000 | 4317 | \$22,000 | 2457 | 47% | 205 | \$22,464 |
| Hendrix College | AR | Private nonprofit | 1640 | \$801,000 | 3703 | \$57,000 | 854 | 72% | 240 | \$21,500 |
| Lyon College | AR | Private nonprofit | 1750 | \$786,000 | 3563 | \$62,000 | 2556 | 45% | 1724 | \$12,000 |
| Williams Baptist University | AR | Private nonprofit | 2619 | \$677,000 | 3703 | \$57,000 | 2922 | 38% | 1807 | \$11,952 |
| Claremont McKenna College | CA | Private nonprofit | 48 | \$1,516,000 | 887 | \$150,000 | 82 | 91% | 1486 | \$13,000 |
| Harvey Mudd College | CA | Private nonprofit | 14 | \$1,851,000 | 284 | \$187,000 | 31 | 95% | 293 | \$21,254 |
| Marymount California University | CA | Private nonprofit | 2586 | \$682,000 | 4391 | \$9,000 | 3136 | 35% | 1348 | \$14,125 |
| Occidental College | CA | Private nonprofit | 538 | \$1,007,000 | 3646 | \$59,000 | 310 | 83% | 308 | \$21,000 |
| Pitzer College | CA | Private nonprofit | 742 | \$953,000 | 4077 | \$41,000 | 220 | 85% | 1445 | \$13,434 |
| Pomona College | CA | Private nonprofit | 165 | \$1,231,000 | 1146 | \$142,000 | 20 | 95% | 1843 | \$11,700 |
| Scripps College | CA | Private nonprofit | 373 | \$1,068,000 | 3787 | \$54,000 | 202 | 86% | 1598 | \$12,500 |
| Thomas Aquinas College | CA | Private nonprofit | 1531 | \$819,000 | 4242 | \$30,000 | 374 | 81% | 851 | \$17,000 |
| Westmont College | CA | Private nonprofit | 567 | \$998,000 | 4188 | \$35,000 | 747 | 74% | 593 | \$18,750 |
| Whittier College | CA | Private nonprofit | 859 | \$929,000 | 3847 | \$52,000 | 1234 | 66% | 344 | \$20,500 |
| Colorado College | СО | Private nonprofit | 1206 | \$861,000 | 4386 | \$10,000 | 171 | 87% | 540 | \$19,147 |
| Fort Lewis College | СО | Public | 2364 | \$710,000 | 3897 | \$50,000 | 2687 | 43% | 2001 | \$10,500 |
| Connecticut College | СТ | Private nonprofit | 333 | \$1,092,000 | 3492 | \$64,000 | 246 | 84% | 334 | \$20,701 |
| Trinity College | СТ | Private nonprofit | 98 | \$1,335,000 | 2544 | \$96,000 | 289 | 83% | 545 | \$19,000 |
| Wesleyan University | СТ | Private nonprofit | 342 | \$1,088,000 | 3524 | \$63,000 | 87 | 91% | 1052 | \$15,577 |
| Ave Maria University | FL | Private nonprofit | 2674 | \$670,000 | 3761 | \$55,000 | 1712 | 59% | 1468 | \$13,157 |
| Bethune-Cookman University | FL | Private nonprofit | 3410 | \$571,000 | 4296 | \$24,000 | 3120 | 35% | 629 | \$18,500 |
| Eckerd College | FL | Private nonprofit | 1691 | \$795,000 | 4415 | \$4,000 | 1115 | 68% | 426 | \$19,623 |
| Agnes Scott College | GA | Private nonprofit | 1680 | \$796,000 | 3703 | \$57,000 | 1104 | 68% | 127 | \$23,750 |
| Brewton-Parker College | GA | Private nonprofit | 2931 | \$640,000 | 4056 | \$42,000 | 3800 | 24% | 2019 | \$10,405 |
| Covenant College | GA | Private nonprofit | 1493 | \$823,000 | 3868 | \$51,000 | 1089 | 68% | 428 | \$19,500 |
| Morehouse College | GA | Private nonprofit | 1859 | \$772,000 | 4457 | -\$11,000 | 2127 | 53% | 428 | \$19,500 |
| Oglethorpe University | GA | Private nonprofit | 1322 | \$845,000 | 3728 | \$56,000 | 2444 | 47% | 1057 | \$15,500 |
| Spelman College | GA | Private nonprofit | 1134 | \$876,000 | 4445 | -\$5,000 | 630 | 76% | 97 | \$24,500 |



| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|--------------------------------|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Wesleyan College | GA | Private nonprofit | 3125 | \$615,000 | 3761 | \$55,000 | 1855 | 57% | 761 | \$17,735 |
| Young Harris College | GA | Private nonprofit | 1917 | \$764,000 | 3813 | \$53,000 | 2855 | 40% | 1706 | \$12,125 |
| Central College | IA | Private nonprofit | 983 | \$903,000 | 3435 | \$66,000 | 1179 | 67% | 149 | \$23,250 |
| Coe College | IA | Private nonprofit | 765 | \$949,000 | 2951 | \$83,000 | 1096 | 68% | 96 | \$24,621 |
| Cornell College | IA | Private nonprofit | 1256 | \$853,000 | 3951 | \$47,000 | 1010 | 69% | 73 | \$25,000 |
| Grinnell College | IA | Private nonprofit | 599 | \$988,000 | 3378 | \$68,000 | 187 | 87% | 1415 | \$13,500 |
| Luther College | IA | Private nonprofit | 776 | \$947,000 | 3682 | \$58,000 | 442 | 79% | 48 | \$26,193 |
| Simpson College | IA | Private nonprofit | 668 | \$971,000 | 3015 | \$81,000 | 1284 | 66% | 210 | \$22,117 |
| Wartburg College | IA | Private nonprofit | 870 | \$926,000 | 3176 | \$75,000 | 1158 | 67% | 149 | \$23,250 |
| The College of Idaho | ID | Private nonprofit | 1675 | \$797,000 | 3951 | \$47,000 | 1548 | 61% | 373 | \$20,250 |
| Augustana College | IL | Private nonprofit | 410 | \$1,054,000 | 3049 | \$80,000 | 620 | 76% | 60 | \$25,617 |
| Blackburn College | IL | Private nonprofit | 1750 | \$786,000 | 2891 | \$85,000 | 2581 | 45% | 1913 | \$11,136 |
| East-West University | IL | Private nonprofit | 4097 | \$456,000 | 4487 | -\$26,000 | 4333 | 11% | 2690 | \$8,589 |
| Illinois College | IL | Private nonprofit | 1090 | \$885,000 | 2951 | \$83,000 | 1415 | 64% | 206 | \$22,300 |
| Illinois Wesleyan University | IL | Private nonprofit | 210 | \$1,196,000 | 2768 | \$89,000 | 427 | 80% | 47 | \$26,200 |
| Knox College | IL | Private nonprofit | 1727 | \$789,000 | 4001 | \$45,000 | 575 | 77% | 72 | \$25,067 |
| Lake Forest College | IL | Private nonprofit | 452 | \$1,034,000 | 3049 | \$80,000 | 900 | 71% | 50 | \$26,000 |
| Monmouth College | IL | Private nonprofit | 1210 | \$860,000 | 2985 | \$82,000 | 1785 | 58% | 386 | \$20,000 |
| Wheaton College | IL | Private nonprofit | 742 | \$953,000 | 3983 | \$46,000 | 114 | 90% | 322 | \$20,913 |
| DePauw University | IN | Private nonprofit | 305 | \$1,112,000 | 2433 | \$100,000 | 290 | 83% | 124 | \$23,989 |
| Earlham College | IN | Private nonprofit | 2470 | \$696,000 | 4093 | \$40,000 | 1004 | 70% | 308 | \$21,000 |
| Franklin College | IN | Private nonprofit | 1042 | \$892,000 | 3463 | \$65,000 | 1403 | 64% | 323 | \$20,890 |
| Hanover College | IN | Private nonprofit | 820 | \$937,000 | 3404 | \$67,000 | 925 | 71% | 132 | \$23,691 |
| Saint Mary's College | IN | Private nonprofit | 747 | \$952,000 | 2866 | \$86,000 | 509 | 78% | 73 | \$25,000 |
| Wabash College | IN | Private nonprofit | 250 | \$1,157,000 | 2412 | \$101,000 | 694 | 75% | 73 | \$25,000 |
| Berea College | KY | Private nonprofit | 2011 | \$751,000 | 1830 | \$120,000 | 1355 | 64% | 3933 | \$4,557 |
| Centre College | KY | Private nonprofit | 893 | \$921,000 | 3378 | \$68,000 | 250 | 84% | 58 | \$25,990 |
| Georgetown College | KY | Private nonprofit | 1176 | \$867,000 | 3586 | \$61,000 | 1963 | 55% | 629 | \$18,500 |
| Transylvania University | KY | Private nonprofit | 1134 | \$876,000 | 3897 | \$50,000 | 667 | 75% | 107 | \$24,301 |
| University of Pikeville | KY | Private nonprofit | 3030 | \$628,000 | 3983 | \$46,000 | 3494 | 29% | 1923 | \$11,000 |
| Centenary College of Louisiana | LA | Private nonprofit | 1074 | \$887,000 | 3983 | \$46,000 | 2403 | 48% | 654 | \$18,450 |
| Dillard University | LA | Private nonprofit | 2347 | \$712,000 | 3918 | \$49,000 | 2871 | 39% | 119 | \$24,051 |

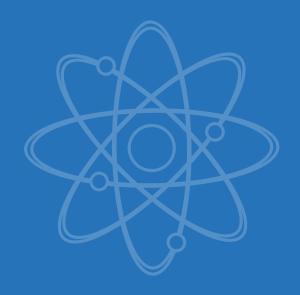
| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|---------------------------------------|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Louisiana State University-Alexandria | LA | Public | 2217 | \$727,000 | 2575 | \$95,000 | 3655 | 26% | 3035 | \$7,500 |
| Amherst College | MA | Private nonprofit | 96 | \$1,343,000 | 1673 | \$125,000 | 37 | 94% | 1724 | \$12,000 |
| College of the Holy Cross | MA | Private nonprofit | 69 | \$1,421,000 | 2728 | \$90,000 | 70 | 92% | 13 | \$27,000 |
| Emmanuel College | MA | Private nonprofit | 643 | \$979,000 | 3951 | \$47,000 | 1221 | 66% | 134 | \$23,500 |
| Gordon College | MA | Private nonprofit | 1543 | \$817,000 | 4188 | \$35,000 | 965 | 70% | 149 | \$23,250 |
| Hampshire College | MA | Private nonprofit | 3036 | \$627,000 | 4469 | -\$19,000 | 1401 | 64% | 760 | \$17,745 |
| Massachusetts College of Liberal Arts | MA | Public | 2217 | \$727,000 | 3728 | \$56,000 | 2066 | 54% | 780 | \$17,500 |
| Mount Holyoke College | MA | Private nonprofit | 705 | \$961,000 | 3868 | \$51,000 | 229 | 85% | 428 | \$19,500 |
| Pine Manor College | MA | Private nonprofit | 2167 | \$732,000 | 3951 | \$47,000 | 3564 | 28% | 1724 | \$12,000 |
| Smith College | MA | Private nonprofit | 878 | \$924,000 | 3646 | \$59,000 | 138 | 88% | 545 | \$19,000 |
| Stonehill College | MA | Private nonprofit | 186 | \$1,216,000 | 3153 | \$76,000 | 417 | 80% | 50 | \$26,000 |
| Wellesley College | MA | Private nonprofit | 141 | \$1,258,000 | 1860 | \$119,000 | 110 | 90% | 2112 | \$9,675 |
| Wheaton College | MA | Private nonprofit | 801 | \$942,000 | 3897 | \$50,000 | 487 | 79% | 134 | \$23,500 |
| Williams College | MA | Private nonprofit | 187 | \$1,215,000 | 2172 | \$109,000 | 46 | 94% | 1399 | \$13,750 |
| Goucher College | MD | Private nonprofit | 714 | \$959,000 | 4044 | \$43,000 | 1383 | 64% | 545 | \$19,000 |
| St. John's College | MD | Private nonprofit | 2389 | \$707,000 | 4365 | \$16,000 | 892 | 71% | 545 | \$19,000 |
| St. Mary's College of Maryland | MD | Public | 369 | \$1,069,000 | 2690 | \$91,000 | 637 | 76% | 892 | \$16,750 |
| Washington College | MD | Private nonprofit | 506 | \$1,019,000 | 3728 | \$56,000 | 681 | 75% | 386 | \$20,000 |
| Bates College | ME | Private nonprofit | 198 | \$1,202,000 | 2657 | \$92,000 | 107 | 90% | 1486 | \$13,000 |
| Bowdoin College | ME | Private nonprofit | 93 | \$1,350,000 | 1774 | \$122,000 | 25 | 95% | 886 | \$16,778 |
| Colby College | ME | Private nonprofit | 182 | \$1,219,000 | 1522 | \$130,000 | 102 | 90% | 742 | \$17,799 |
| College of the Atlantic | ME | Private nonprofit | 4024 | \$471,000 | 4386 | \$10,000 | 1276 | 66% | 1307 | \$14,386 |
| University of Maine at Machias | ME | Public | 3337 | \$582,000 | 3435 | \$66,000 | 3404 | 30% | 1914 | \$11,125 |
| Albion College | MI | Private nonprofit | 622 | \$983,000 | 2575 | \$95,000 | 1389 | 64% | 240 | \$21,500 |
| Aquinas College | MI | Private nonprofit | 1903 | \$766,000 | 3404 | \$67,000 | 1923 | 56% | 421 | \$19,667 |
| Hope College | MI | Private nonprofit | 912 | \$917,000 | 3868 | \$51,000 | 412 | 80% | 95 | \$24,800 |
| Kalamazoo College | MI | Private nonprofit | 627 | \$982,000 | 3349 | \$69,000 | 270 | 84% | 64 | \$25,441 |
| Bethany Lutheran College | MN | Private nonprofit | 2302 | \$718,000 | 3435 | \$66,000 | 2098 | 53% | 851 | \$17,000 |
| Carleton College | MN | Private nonprofit | 349 | \$1,083,000 | 3404 | \$67,000 | 57 | 93% | 521 | \$19,401 |
| College of Saint Benedict | MN | Private nonprofit | 384 | \$1,065,000 | 3074 | \$79,000 | 285 | 83% | 66 | \$25,411 |
| Concordia College at Moorhead | MN | Private nonprofit | 979 | \$904,000 | 3287 | \$71,000 | 880 | 71% | 108 | \$24,250 |

| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|--|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Gustavus Adolphus College | MN | Private nonprofit | 361 | \$1,073,000 | 2330 | \$104,000 | 392 | 80% | 44 | \$26,250 |
| Macalester College | MN | Private nonprofit | 813 | \$938,000 | 3983 | \$46,000 | 157 | 88% | 386 | \$20,000 |
| Saint Johns University | MN | Private nonprofit | 154 | \$1,247,000 | 2123 | \$111,000 | 589 | 76% | 73 | \$25,000 |
| St Olaf College | MN | Private nonprofit | 506 | \$1,019,000 | 3176 | \$75,000 | 148 | 88% | 97 | \$24,500 |
| University of Minnesota-Morris | MN | Public | 1150 | \$871,000 | 2172 | \$109,000 | 1565 | 61% | 1386 | \$13,932 |
| Westminster College | МО | Private nonprofit | 1182 | \$865,000 | 3463 | \$65,000 | 1342 | 65% | 545 | \$19,000 |
| Millsaps College | MS | Private nonprofit | 648 | \$977,000 | 3153 | \$76,000 | 1042 | 69% | 629 | \$18,500 |
| Rust College | MS | Private nonprofit | 3882 | \$496,000 | 4001 | \$45,000 | 3051 | 36% | 1915 | \$11,119 |
| Tougaloo College | MS | Private nonprofit | 3404 | \$572,000 | 3703 | \$57,000 | 2504 | 46% | 228 | \$21,875 |
| Bennett College | NC | Private nonprofit | 3404 | \$572,000 | 4437 | -\$2,000 | 2859 | 40% | 545 | \$19,000 |
| Chowan University | NC | Private nonprofit | 2541 | \$687,000 | 4023 | \$44,000 | 3734 | 25% | 2142 | \$9,500 |
| Davidson College | NC | Private nonprofit | 173 | \$1,227,000 | 1742 | \$123,000 | 61 | 93% | 937 | \$16,489 |
| Guilford College | NC | Private nonprofit | 2340 | \$713,000 | 4228 | \$31,000 | 1835 | 57% | 705 | \$18,000 |
| Johnson C Smith University | NC | Private nonprofit | 3522 | \$551,000 | 4340 | \$19,000 | 2491 | 46% | 545 | \$19,000 |
| Meredith College | NC | Private nonprofit | 1789 | \$781,000 | 4077 | \$41,000 | 1509 | 62% | 705 | \$18,000 |
| Salem College | NC | Private nonprofit | 2068 | \$743,000 | 3524 | \$63,000 | 1828 | 57% | 343 | \$20,515 |
| University of North Carolina at Asheville | NC | Public | 2271 | \$722,000 | 3153 | \$76,000 | 1520 | 62% | 1353 | \$14,000 |
| Warren Wilson College | NC | Private nonprofit | 4083 | \$458,000 | 4476 | -\$21,000 | 2168 | 52% | 1598 | \$12,500 |
| Doane University | NE | Private nonprofit | 1052 | \$890,000 | 3646 | \$59,000 | 1600 | 61% | 851 | \$17,000 |
| Saint Anselm College | NH | Private nonprofit | 236 | \$1,173,000 | 3015 | \$81,000 | 615 | 76% | 13 | \$27,000 |
| University of New Hampshire at Manchester | NH | Public | 346 | \$1,084,000 | 1800 | \$121,000 | 2389 | 48% | 169 | \$23,000 |
| Bloomfield College | NJ | Private nonprofit | 1880 | \$769,000 | 3813 | \$53,000 | 3318 | 32% | 892 | \$16,750 |
| Drew University | NJ | Private nonprofit | 423 | \$1,046,000 | 3682 | \$58,000 | 1540 | 62% | 189 | \$22,500 |
| St. John's College | NM | Private nonprofit | 2786 | \$658,000 | 4242 | \$30,000 | 1884 | 57% | 816 | \$17,250 |
| Bard College | NY | Private nonprofit | 1910 | \$765,000 | 4330 | \$21,000 | 622 | 76% | 371 | \$20,298 |
| Barnard College | NY | Private nonprofit | 204 | \$1,200,000 | 1985 | \$115,000 | 72 | 92% | 866 | \$16,964 |
| Colgate University | NY | Private nonprofit | 104 | \$1,322,000 | 1522 | \$130,000 | 96 | 91% | 1057 | \$15,500 |
| Hamilton College | NY | Private nonprofit | 160 | \$1,241,000 | 2052 | \$113,000 | 58 | 93% | 914 | \$16,565 |
| Hartwick College | NY | Private nonprofit | 954 | \$910,000 | 3868 | \$51,000 | 1852 | 57% | 149 | \$23,250 |
| Hobart and William Smith Colleges | NY | Private nonprofit | 423 | \$1,046,000 | 4044 | \$43,000 | 469 | 79% | 34 | \$26,775 |
| Houghton College | NY | Private nonprofit | 1950 | \$759,000 | 3682 | \$58,000 | 800 | 73% | 411 | \$19,852 |

| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|--|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Marymount Manhattan College | NY | Private nonprofit | 1945 | \$760,000 | 4462 | -\$16,000 | 2451 | 47% | 774 | \$17,583 |
| Sarah Lawrence College | NY | Private nonprofit | 1624 | \$803,000 | 4440 | -\$3,000 | 377 | 81% | 1486 | \$13,000 |
| Skidmore College | NY | Private nonprofit | 585 | \$993,000 | 3563 | \$62,000 | 148 | 88% | 545 | \$19,000 |
| St Lawrence University | NY | Private nonprofit | 564 | \$999,000 | 3617 | \$60,000 | 244 | 85% | 120 | \$24,000 |
| SUNY at Purchase College | NY | Public | 2396 | \$706,000 | 3951 | \$47,000 | 1353 | 64% | 705 | \$18,000 |
| Union College | NY | Private nonprofit | 105 | \$1,317,000 | 2690 | \$91,000 | 193 | 86% | 169 | \$23,000 |
| Vassar College | NY | Private nonprofit | 316 | \$1,105,000 | 3015 | \$81,000 | 86 | 91% | 1057 | \$15,500 |
| Wells College | NY | Private nonprofit | 2559 | \$685,000 | 4267 | \$27,000 | 2272 | 50% | 182 | \$22,750 |
| Denison University | ОН | Private nonprofit | 599 | \$988,000 | 3210 | \$74,000 | 279 | 83% | 149 | \$23,250 |
| Kenyon College | ОН | Private nonprofit | 756 | \$951,000 | 4130 | \$38,000 | 95 | 91% | 851 | \$17,000 |
| Oberlin College | ОН | Private nonprofit | 1928 | \$763,000 | 4435 | -\$1,000 | 211 | 86% | 93 | \$24,932 |
| Ohio Wesleyan University | ОН | Private nonprofit | 1014 | \$897,000 | 3941 | \$48,000 | 1100 | 68% | 97 | \$24,500 |
| The College of Wooster | ОН | Private nonprofit | 893 | \$921,000 | 3787 | \$54,000 | 594 | 76% | 240 | \$21,500 |
| Wittenberg University | ОН | Private nonprofit | 1169 | \$868,000 | 3682 | \$58,000 | 1167 | 67% | 344 | \$20,500 |
| Randall University | ОК | Private nonprofit | 2382 | \$708,000 | 3563 | \$62,000 | 2912 | 39% | 3244 | \$6,500 |
| University of Science and Arts of Oklahoma | ОК | Public | 2455 | \$698,000 | 2491 | \$98,000 | 3084 | 35% | 2544 | \$9,329 |
| Lewis & Clark College | OR | Private nonprofit | 1139 | \$874,000 | 4395 | \$8,000 | 441 | 80% | 428 | \$19,500 |
| Linfield College-McMinnville Campus | OR | Private nonprofit | 279 | \$1,130,000 | 2544 | \$96,000 | 739 | 74% | 288 | \$21,491 |
| Reed College | OR | Private nonprofit | 1717 | \$791,000 | 4429 | \$0 | 472 | 79% | 1460 | \$13,245 |
| Willamette University | OR | Private nonprofit | 543 | \$1,005,000 | 3951 | \$47,000 | 667 | 75% | 240 | \$21,500 |
| Albright College | PA | Private nonprofit | 756 | \$951,000 | 3176 | \$75,000 | 2068 | 54% | 73 | \$25,000 |
| Allegheny College | PA | Private nonprofit | 460 | \$1,030,000 | 3153 | \$76,000 | 642 | 76% | 13 | \$27,000 |
| Bryn Mawr College | PA | Private nonprofit | 301 | \$1,114,000 | 2690 | \$91,000 | 272 | 83% | 168 | \$23,006 |
| Bucknell University | PA | Private nonprofit | 72 | \$1,417,000 | 2728 | \$90,000 | 127 | 89% | 67 | \$25,250 |
| Cheyney University of Pennsylvania | PA | Public | 3430 | \$568,000 | 4357 | \$17,000 | 4045 | 19% | 414 | \$19,760 |
| Dickinson College | PA | Private nonprofit | 247 | \$1,159,000 | 2951 | \$83,000 | 267 | 84% | 418 | \$19,700 |
| Elizabethtown College | PA | Private nonprofit | 460 | \$1,030,000 | 3349 | \$69,000 | 699 | 74% | 71 | \$25,228 |
| Franklin and Marshall College | PA | Private nonprofit | 210 | \$1,196,000 | 2657 | \$92,000 | 194 | 86% | 517 | \$19,492 |
| Gettysburg College | PA | Private nonprofit | 272 | \$1,135,000 | 2924 | \$84,000 | 225 | 85% | 308 | \$21,000 |
| Haverford College | PA | Private nonprofit | 183 | \$1,217,000 | 3074 | \$79,000 | 76 | 92% | 1809 | \$11,944 |
| Juniata College | PA | Private nonprofit | 607 | \$987,000 | 3463 | \$65,000 | 453 | 79% | 34 | \$26,775 |

| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|--|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Lafayette College | PA | Private nonprofit | 74 | \$1,409,000 | 1742 | \$123,000 | 117 | 89% | 189 | \$22,500 |
| Lycoming College | PA | Private nonprofit | 833 | \$934,000 | 3128 | \$77,000 | 1022 | 69% | 104 | \$24,375 |
| Mansfield University of Pennsylvania | PA | Public | 1839 | \$775,000 | 3847 | \$52,000 | 2251 | 51% | 428 | \$19,500 |
| Moravian College | PA | Private nonprofit | 473 | \$1,028,000 | 3318 | \$70,000 | 1230 | 66% | 240 | \$21,500 |
| Muhlenberg College | PA | Private nonprofit | 218 | \$1,191,000 | 3104 | \$78,000 | 235 | 85% | 144 | \$23,439 |
| Pennsylvania State University-Penn State Brandywine | PA | Public | 402 | \$1,058,000 | 1860 | \$119,000 | 2680 | 43% | 428 | \$19,500 |
| Saint Vincent College | PA | Private nonprofit | 662 | \$973,000 | 3015 | \$81,000 | 914 | 71% | 146 | \$23,354 |
| Susquehanna University | PA | Private nonprofit | 338 | \$1,090,000 | 3153 | \$76,000 | 825 | 72% | 43 | \$26,430 |
| Swarthmore College | PA | Private nonprofit | 239 | \$1,170,000 | 2244 | \$107,000 | 42 | 94% | 768 | \$17,673 |
| University of Pittsburgh-Greensburg | PA | Public | 288 | \$1,123,000 | 2052 | \$113,000 | 2592 | 44% | 240 | \$21,500 |
| Ursinus College | PA | Private nonprofit | 317 | \$1,104,000 | 3318 | \$70,000 | 541 | 77% | 13 | \$27,000 |
| Washington & Jefferson College | PA | Private nonprofit | 324 | \$1,098,000 | 3153 | \$76,000 | 774 | 73% | 50 | \$26,000 |
| Westminster College | PA | Private nonprofit | 1114 | \$880,000 | 3318 | \$70,000 | 954 | 70% | 50 | \$26,000 |
| Allen University | SC | Private nonprofit | 4152 | \$447,000 | 4386 | \$10,000 | 3964 | 20% | 344 | \$20,500 |
| Furman University | SC | Private nonprofit | 496 | \$1,022,000 | 3524 | \$63,000 | 327 | 82% | 240 | \$21,500 |
| Presbyterian College | SC | Private nonprofit | 898 | \$920,000 | 2866 | \$86,000 | 1259 | 66% | 656 | \$18,384 |
| University of South Carolina-Beaufort | SC | Public | 1983 | \$754,000 | 3463 | \$65,000 | 3666 | 26% | 1923 | \$11,000 |
| Wofford College | SC | Private nonprofit | 414 | \$1,050,000 | 2924 | \$84,000 | 396 | 80% | 240 | \$21,500 |
| Fisk University | TN | Private nonprofit | 2844 | \$652,000 | 4440 | -\$3,000 | 2419 | 47% | 233 | \$21,750 |
| Lane College | TN | Private nonprofit | 3755 | \$514,000 | 4130 | \$38,000 | 3970 | 20% | 975 | \$16,000 |
| Rhodes College | TN | Private nonprofit | 346 | \$1,084,000 | 3074 | \$79,000 | 364 | 81% | 211 | \$22,000 |
| The University of the South | TN | Private nonprofit | 1003 | \$899,000 | 3951 | \$47,000 | 443 | 79% | 975 | \$16,000 |
| Austin College | TX | Private nonprofit | 589 | \$992,000 | 2800 | \$88,000 | 981 | 70% | 428 | \$19,500 |
| Southwestern University | TX | Private nonprofit | 327 | \$1,096,000 | 2924 | \$84,000 | 799 | 73% | 134 | \$23,500 |
| Bridgewater College | VA | Private nonprofit | 1150 | \$871,000 | 3210 | \$74,000 | 1398 | 64% | 330 | \$20,797 |
| Emory & Henry College | VA | Private nonprofit | 1504 | \$822,000 | 3646 | \$59,000 | 2196 | 52% | 678 | \$18,304 |
| Hampden-Sydney College | VA | Private nonprofit | 496 | \$1,022,000 | 4023 | \$44,000 | 1316 | 65% | 189 | \$22,500 |
| Hollins University | VA | Private nonprofit | 2425 | \$701,000 | 4130 | \$38,000 | 1803 | 57% | 918 | \$16,524 |
| Randolph-Macon College | VA | Private nonprofit | 639 | \$980,000 | 3617 | \$60,000 | 1436 | 63% | 106 | \$24,318 |
| Randolph College | VA | Private nonprofit | 1880 | \$769,000 | 4286 | \$25,000 | 1674 | 59% | 705 | \$18,000 |
| Roanoke College | VA | Private nonprofit | 1103 | \$882,000 | 4023 | \$44,000 | 1321 | 65% | 73 | \$25,000 |

| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year NPV rank | 10-year NPV | Graduation rate rank | Graduation rate | Debt rank | Median debt |
|--|-------|-------------------|---------------------|-------------|---------------------|-------------|----------------------|-----------------|--------------|----------------|
| Southern Virginia University | VA | Private nonprofit | 2340 | \$713,000 | 4130 | \$38,000 | 3434 | 30% | 2706 | \$8,500 |
| Sweet Briar College | VA | Private nonprofit | 1894 | \$767,000 | 3868 | \$51,000 | 1821 | 57% | 308 | \$21,000 |
| The University of Virginia's College at Wise | VA | Public | 1597 | \$808,000 | 2800 | \$88,000 | 2583 | 45% | 1724 | \$12,000 |
| University of Richmond | VA | Private nonprofit | 105 | \$1,317,000 | 2212 | \$108,000 | 144 | 88% | 428 | \$19,500 |
| Virginia Military Institute | VA | Public | 84 | \$1,375,000 | 1117 | \$143,000 | 552 | 77% | 428 | \$19,500 |
| Virginia Union University | VA | Private nonprofit | 3073 | \$621,000 | 4330 | \$21,000 | 3428 | 30% | 1123 | \$15,000 |
| Virginia Wesleyan University | VA | Private nonprofit | 1656 | \$799,000 | 4174 | \$36,000 | 2348 | 49% | 1015 | \$15,830 |
| Washington and Lee University | VA | Private nonprofit | 38 | \$1,578,000 | 833 | \$152,000 | 74 | 92% | 428 | \$19,500 |
| Bennington College | VT | Private nonprofit | 3659 | \$530,000 | 4480 | -\$23,000 | 1061 | 69% | 428 | \$19,500 |
| Marlboro College | VT | Private nonprofit | 3585 | \$543,000 | 4286 | \$25,000 | 1810 | 57% | 975 | \$16,000 |
| Middlebury College | VT | Private nonprofit | 219 | \$1,188,000 | 2521 | \$97,000 | 44 | 94% | 1800 | \$11,995 |
| Saint Michael's College | VT | Private nonprofit | 551 | \$1,003,000 | 3868 | \$51,000 | 484 | 79% | 59 | \$25,893 |
| University of Puget Sound | WA | Private nonprofit | 546 | \$1,004,000 | 4357 | \$17,000 | 473 | 79% | 344 | \$20,500 |
| Whitman College | WA | Private nonprofit | 820 | \$937,000 | 4484 | -\$25,000 | 153 | 88% | 799 | \$17,477 |
| Beloit College | WI | Private nonprofit | 1096 | \$883,000 | 2768 | \$89,000 | 454 | 79% | 133 | \$23,526 |
| Lawrence University | WI | Private nonprofit | 1193 | \$863,000 | 4152 | \$37,000 | 466 | 79% | 126 | \$23,950 |
| Ripon College | WI | Private nonprofit | 833 | \$934,000 | 3015 | \$81,000 | 1121 | 68% | 149 | \$23,250 |
| Saint Norbert College | WI | Private nonprofit | 845 | \$932,000 | 3563 | \$62,000 | 759 | 73% | 149 | \$23,250 |
| University of Wisconsin-Parkside | WI | Public | 1304 | \$847,000 | 2466 | \$99,000 | 3487 | 29% | 1486 | \$13,000 |
| University of Wisconsin-Superior | WI | Public | 1839 | \$775,000 | 2836 | \$87,000 | 2666 | 43% | 1055 | \$15,533 |
| Bethany College | WV | Private nonprofit | 1571 | \$813,000 | 3728 | \$56,000 | 2654 | 43% | 527 | \$19,324 |
| Shepherd University | WV | Public | 1256 | \$853,000 | 2172 | \$109,000 | 2613 | 44% | 1339 | \$14,190 |



Appendix D. How 210 Liberal Arts Institutions Compare to One Another

The following is the list of 210 liberal arts colleges analyzed in this report ranked among themselves.

| Institution | State | Туре | Liberal arts 40-year NPV rank | 40-year NPV | Liberal arts 10-year rank | 10-year NPV | Liberal arts graduation rate rank | Graduation rate | Liberal arts debt rank | Median debt |
|---------------------------------|-------|-------------------|-------------------------------------|-------------|---------------------------------|-------------|---|--------------------|---------------------------|----------------|
| Birmingham Southern College | AL | Private nonprofit | 94 | \$937,000 | 107 | \$61,000 | 117 | 67% | 105 | \$19,500 |
| Judson College | AL | Private nonprofit | 203 | \$515,000 | 180 | \$26,000 | 194 | 33% | 203 | \$9,500 |
| Spring Hill College | AL | Private nonprofit | 106 | \$917,000 | 80 | \$72,000 | 162 | 53% | 90 | \$20,500 |
| Stillman College | AL | Private nonprofit | 199 | \$551,000 | 184 | \$22,000 | 206 | 23% | 183 | \$12,500 |
| Talladega College | AL | Private nonprofit | 210 | \$432,000 | 184 | \$22,000 | 173 | 47% | 65 | \$22,464 |
| Hendrix College | AR | Private nonprofit | 142 | \$801,000 | 119 | \$57,000 | 97 | 72% | 71 | \$21,500 |
| Lyon College | AR | Private nonprofit | 149 | \$786,000 | 103 | \$62,000 | 176 | 45% | 187 | \$12,000 |
| Williams Baptist University | AR | Private nonprofit | 185 | \$677,000 | 119 | \$57,000 | 189 | 38% | 192 | \$11,952 |
| Claremont McKenna College | CA | Private nonprofit | 3 | \$1,516,000 | 3 | \$150,000 | 15 | 91% | 179 | \$13,000 |
| Harvey Mudd College | CA | Private nonprofit | 1 | \$1,851,000 | 1 | \$187,000 | 3 | 95% | 80 | \$21,254 |
| Marymount California University | CA | Private nonprofit | 184 | \$682,000 | 195 | \$9,000 | 193 | 35% | 171 | \$14,125 |
| Occidental College | CA | Private nonprofit | 65 | \$1,007,000 | 111 | \$59,000 | 52 | 83% | 81 | \$21,000 |
| Pitzer College | CA | Private nonprofit | 85 | \$953,000 | 165 | \$41,000 | 38 | 85% | 176 | \$13,434 |
| Pomona College | CA | Private nonprofit | 17 | \$1,231,000 | 5 | \$142,000 | 1 | 95% | 194 | \$11,700 |
| Scripps College | CA | Private nonprofit | 50 | \$1,068,000 | 129 | \$54,000 | 36 | 86% | 183 | \$12,500 |
| Thomas Aquinas College | CA | Private nonprofit | 137 | \$819,000 | 177 | \$30,000 | 55 | 81% | 148 | \$17,000 |
| Westmont College | CA | Private nonprofit | 70 | \$998,000 | 174 | \$35,000 | 91 | 74% | 129 | \$18,750 |
| Whittier College | CA | Private nonprofit | 100 | \$929,000 | 133 | \$52,000 | 123 | 66% | 90 | \$20,500 |
| Colorado College | СО | Private nonprofit | 129 | \$861,000 | 192 | \$10,000 | 32 | 87% | 120 | \$19,147 |
| Fort Lewis College | СО | Public | 175 | \$710,000 | 141 | \$50,000 | 184 | 43% | 200 | \$10,500 |
| Connecticut College | СТ | Private nonprofit | 42 | \$1,092,000 | 99 | \$64,000 | 43 | 84% | 88 | \$20,701 |
| Trinity College | СТ | Private nonprofit | 10 | \$1,335,000 | 31 | \$96,000 | 50 | 83% | 121 | \$19,000 |
| Wesleyan University | СТ | Private nonprofit | 44 | \$1,088,000 | 100 | \$63,000 | 17 | 91% | 163 | \$15,577 |
| Ave Maria University | FL | Private nonprofit | 186 | \$670,000 | 127 | \$55,000 | 146 | 59% | 178 | \$13,157 |
| Bethune-Cookman University | FL | Private nonprofit | 197 | \$571,000 | 183 | \$24,000 | 192 | 35% | 130 | \$18,500 |
| Eckerd College | FL | Private nonprofit | 146 | \$795,000 | 197 | \$4,000 | 115 | 68% | 104 | \$19,623 |
| Agnes Scott College | GA | Private nonprofit | 145 | \$796,000 | 119 | \$57,000 | 114 | 68% | 43 | \$23,750 |
| Brewton-Parker College | GA | Private nonprofit | 189 | \$640,000 | 164 | \$42,000 | 205 | 24% | 201 | \$10,405 |
| Covenant College | GA | Private nonprofit | 135 | \$823,000 | 135 | \$51,000 | 111 | 68% | 105 | \$19,500 |
| Morehouse College | GA | Private nonprofit | 154 | \$772,000 | 204 | -\$11,000 | 161 | 53% | 105 | \$19,500 |
| Oglethorpe University | GA | Private nonprofit | 134 | \$845,000 | 123 | \$56,000 | 171 | 47% | 165 | \$15,500 |

| | | | Liberal arts | | Liberal arts | | Liberal arts | | 131 | |
|------------------------------|-------|-------------------|---------------------|-------------|-----------------|-------------|-------------------------|--------------------|---------------------------|----------------|
| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year rank | 10-year NPV | graduation rate rank | Graduation rate | Liberal arts debt rank | Median debt |
| Spelman College | GA | Private nonprofit | 120 | \$876,000 | 203 | -\$5,000 | 82 | 76% | 32 | \$24,500 |
| Wesleyan College | GA | Private nonprofit | 193 | \$615,000 | 127 | \$55,000 | 154 | 57% | 142 | \$17,735 |
| Young Harris College | GA | Private nonprofit | 160 | \$764,000 | 131 | \$53,000 | 185 | 40% | 186 | \$12,125 |
| Central College | IA | Private nonprofit | 110 | \$903,000 | 92 | \$66,000 | 120 | 67% | 51 | \$23,250 |
| Coe College | IA | Private nonprofit | 90 | \$949,000 | 53 | \$83,000 | 112 | 68% | 31 | \$24,621 |
| Cornell College | IA | Private nonprofit | 131 | \$853,000 | 146 | \$47,000 | 107 | 69% | 23 | \$25,000 |
| Grinnell College | IA | Private nonprofit | 73 | \$988,000 | 87 | \$68,000 | 33 | 87% | 175 | \$13,500 |
| Luther College | IA | Private nonprofit | 91 | \$947,000 | 115 | \$58,000 | 63 | 79% | 10 | \$26,193 |
| Simpson College | IA | Private nonprofit | 82 | \$971,000 | 57 | \$81,000 | 126 | 66% | 67 | \$22,117 |
| Wartburg College | IA | Private nonprofit | 101 | \$926,000 | 75 | \$75,000 | 118 | 67% | 51 | \$23,250 |
| The College of Idaho | ID | Private nonprofit | 144 | \$797,000 | 146 | \$47,000 | 142 | 61% | 96 | \$20,250 |
| Augustana College | IL | Private nonprofit | 53 | \$1,054,000 | 62 | \$80,000 | 80 | 76% | 17 | \$25,617 |
| Blackburn College | IL | Private nonprofit | 149 | \$786,000 | 49 | \$85,000 | 177 | 45% | 195 | \$11,136 |
| East-West University | IL | Private nonprofit | 208 | \$456,000 | 210 | -\$26,000 | 210 | 11% | 206 | \$8,589 |
| Illinois College | IL | Private nonprofit | 116 | \$885,000 | 53 | \$83,000 | 137 | 64% | 66 | \$22,300 |
| Illinois Wesleyan University | IL | Private nonprofit | 25 | \$1,196,000 | 42 | \$89,000 | 61 | 80% | 9 | \$26,200 |
| Knox College | IL | Private nonprofit | 148 | \$789,000 | 157 | \$45,000 | 76 | 77% | 22 | \$25,067 |
| Lake Forest College | IL | Private nonprofit | 57 | \$1,034,000 | 62 | \$80,000 | 100 | 71% | 11 | \$26,000 |
| Monmouth College | IL | Private nonprofit | 130 | \$860,000 | 56 | \$82,000 | 147 | 58% | 97 | \$20,000 |
| Wheaton College | IL | Private nonprofit | 85 | \$953,000 | 153 | \$46,000 | 23 | 90% | 85 | \$20,913 |
| DePauw University | IN | Private nonprofit | 37 | \$1,112,000 | 27 | \$100,000 | 51 | 83% | 41 | \$23,989 |
| Earlham College | IN | Private nonprofit | 181 | \$696,000 | 167 | \$40,000 | 106 | 70% | 81 | \$21,000 |
| Franklin College | IN | Private nonprofit | 113 | \$892,000 | 95 | \$65,000 | 136 | 64% | 86 | \$20,890 |
| Hanover College | IN | Private nonprofit | 94 | \$937,000 | 89 | \$67,000 | 102 | 71% | 44 | \$23,691 |
| Saint Mary's College | IN | Private nonprofit | 87 | \$952,000 | 47 | \$86,000 | 73 | 78% | 23 | \$25,000 |
| Wabash College | IN | Private nonprofit | 32 | \$1,157,000 | 26 | \$101,000 | 88 | 75% | 23 | \$25,000 |
| Berea College | KY | Private nonprofit | 165 | \$751,000 | 13 | \$120,000 | 131 | 64% | 210 | \$4,557 |
| Centre College | KY | Private nonprofit | 103 | \$921,000 | 87 | \$68,000 | 44 | 84% | 15 | \$25,990 |
| Georgetown College | KY | Private nonprofit | 126 | \$867,000 | 107 | \$61,000 | 157 | 55% | 130 | \$18,500 |
| Transylvania University | KY | Private nonprofit | 120 | \$876,000 | 141 | \$50,000 | 85 | 75% | 37 | \$24,301 |
| University of Pikeville | KY | Private nonprofit | 190 | \$628,000 | 153 | \$46,000 | 200 | 29% | 198 | \$11,000 |

| | | | Liberal arts 40-year | | Liberal arts 10-year | | Liberal arts graduation | Graduation | Liberal arts | Median |
|---------------------------------------|-------|-------------------|-------------------------|-------------|-------------------------|-------------|----------------------------|------------|--------------|----------|
| Institution | State | Type | | 40-year NPV | rank | 10-year NPV | rate rank | rate | debt rank | debt |
| Centenary College of Louisiana | LA | Private nonprofit | 115 | \$887,000 | 153 | \$46,000 | 169 | 48% | 133 | \$18,450 |
| Dillard University | LA | Private nonprofit | 174 | \$712,000 | 144 | \$49,000 | 187 | 39% | 39 | \$24,051 |
| Louisiana State University-Alexandria | LA | Public | 168 | \$727,000 | 33 | \$95,000 | 202 | 26% | 208 | \$7,500 |
| Amherst College | MA | Private nonprofit | 9 | \$1,343,000 | 8 | \$125,000 | 4 | 94% | 187 | \$12,000 |
| College of the Holy Cross | MA | Private nonprofit | 4 | \$1,421,000 | 40 | \$90,000 | 11 | 92% | 1 | \$27,000 |
| Emmanuel College | MA | Private nonprofit | 79 | \$979,000 | 146 | \$47,000 | 121 | 66% | 46 | \$23,500 |
| Gordon College | MA | Private nonprofit | 138 | \$817,000 | 174 | \$35,000 | 104 | 70% | 51 | \$23,250 |
| Hampshire College | MA | Private nonprofit | 191 | \$627,000 | 206 | -\$19,000 | 135 | 64% | 141 | \$17,745 |
| Massachusetts College of Liberal Arts | MA | Public | 168 | \$727,000 | 123 | \$56,000 | 158 | 54% | 145 | \$17,500 |
| Mount Holyoke College | MA | Private nonprofit | 83 | \$961,000 | 135 | \$51,000 | 40 | 85% | 105 | \$19,500 |
| Pine Manor College | MA | Private nonprofit | 167 | \$732,000 | 146 | \$47,000 | 201 | 28% | 187 | \$12,000 |
| Smith College | MA | Private nonprofit | 102 | \$924,000 | 111 | \$59,000 | 26 | 88% | 121 | \$19,000 |
| Stonehill College | MA | Private nonprofit | 21 | \$1,216,000 | 69 | \$76,000 | 60 | 80% | 11 | \$26,000 |
| Wellesley College | MA | Private nonprofit | 14 | \$1,258,000 | 14 | \$119,000 | 22 | 90% | 202 | \$9,675 |
| Wheaton College | MA | Private nonprofit | 92 | \$942,000 | 141 | \$50,000 | 72 | 79% | 46 | \$23,500 |
| Williams College | MA | Private nonprofit | 22 | \$1,215,000 | 20 | \$109,000 | 7 | 94% | 174 | \$13,750 |
| Goucher College | MD | Private nonprofit | 84 | \$959,000 | 162 | \$43,000 | 132 | 64% | 121 | \$19,000 |
| St. John's College | MD | Private nonprofit | 177 | \$707,000 | 191 | \$16,000 | 99 | 71% | 121 | \$19,000 |
| St. Mary's College of Maryland | MD | Public | 49 | \$1,069,000 | 37 | \$91,000 | 83 | 76% | 154 | \$16,750 |
| Washington College | MD | Private nonprofit | 63 | \$1,019,000 | 123 | \$56,000 | 87 | 75% | 97 | \$20,000 |
| Bates College | ME | Private nonprofit | 23 | \$1,202,000 | 35 | \$92,000 | 21 | 90% | 179 | \$13,000 |
| Bowdoin College | ME | Private nonprofit | 8 | \$1,350,000 | 11 | \$122,000 | 2 | 95% | 153 | \$16,778 |
| Colby College | ME | Private nonprofit | 19 | \$1,219,000 | 6 | \$130,000 | 20 | 90% | 140 | \$17,799 |
| College of the Atlantic | ME | Private nonprofit | 206 | \$471,000 | 192 | \$10,000 | 125 | 66% | 169 | \$14,386 |
| University of Maine at Machias | ME | Public | 194 | \$582,000 | 92 | \$66,000 | 196 | 30% | 196 | \$11,125 |
| Albion College | MI | Private nonprofit | 76 | \$983,000 | 33 | \$95,000 | 133 | 64% | 71 | \$21,500 |
| Aquinas College | MI | Private nonprofit | 158 | \$766,000 | 89 | \$67,000 | 156 | 56% | 103 | \$19,667 |
| Hope College | MI | Private nonprofit | 106 | \$917,000 | 135 | \$51,000 | 59 | 80% | 30 | \$24,800 |
| Kalamazoo College | MI | Private nonprofit | 77 | \$982,000 | 85 | \$69,000 | 46 | 84% | 18 | \$25,441 |
| Bethany Lutheran College | MN | Private nonprofit | 171 | \$718,000 | 92 | \$66,000 | 160 | 53% | 148 | \$17,000 |

| | | | Liberal arts 40-vear | | Liberal arts 10-year | | Liberal arts graduation | Graduation | Liberal arts | Median |
|--|-------|-------------------|-------------------------|-------------|-------------------------|-------------|----------------------------|------------|--------------|----------|
| Institution | State | Туре | NPV rank | 40-year NPV | rank | 10-year NPV | rate rank | rate | debt rank | debt |
| Carleton College | MN | Private nonprofit | 47 | \$1,083,000 | 89 | \$67,000 | 8 | 93% | 118 | \$19,401 |
| College of Saint Benedict | MN | Private nonprofit | 51 | \$1,065,000 | 64 | \$79,000 | 49 | 83% | 19 | \$25,411 |
| Concordia College at Moorhead | MN | Private nonprofit | 109 | \$904,000 | 81 | \$71,000 | 98 | 71% | 38 | \$24,250 |
| Gustavus Adolphus College | MN | Private nonprofit | 48 | \$1,073,000 | 25 | \$104,000 | 57 | 80% | 8 | \$26,250 |
| Macalester College | MN | Private nonprofit | 93 | \$938,000 | 153 | \$46,000 | 31 | 88% | 97 | \$20,000 |
| Saint Johns University | MN | Private nonprofit | 15 | \$1,247,000 | 19 | \$111,000 | 77 | 76% | 23 | \$25,000 |
| St Olaf College | MN | Private nonprofit | 63 | \$1,019,000 | 75 | \$75,000 | 28 | 88% | 32 | \$24,500 |
| University of Minnesota-Morris | MN | Public | 123 | \$871,000 | 20 | \$109,000 | 143 | 61% | 173 | \$13,932 |
| Westminster College | MO | Private nonprofit | 127 | \$865,000 | 95 | \$65,000 | 129 | 65% | 121 | \$19,000 |
| Millsaps College | MS | Private nonprofit | 80 | \$977,000 | 69 | \$76,000 | 109 | 69% | 130 | \$18,500 |
| Rust College | MS | Private nonprofit | 205 | \$496,000 | 157 | \$45,000 | 190 | 36% | 197 | \$11,119 |
| Tougaloo College | MS | Private nonprofit | 195 | \$572,000 | 119 | \$57,000 | 175 | 46% | 69 | \$21,875 |
| Bennett College | NC | Private nonprofit | 195 | \$572,000 | 200 | -\$2,000 | 186 | 40% | 121 | \$19,000 |
| Chowan University | NC | Private nonprofit | 182 | \$687,000 | 159 | \$44,000 | 204 | 25% | 203 | \$9,500 |
| Davidson College | NC | Private nonprofit | 18 | \$1,227,000 | 9 | \$123,000 | 10 | 93% | 158 | \$16,489 |
| Guilford College | NC | Private nonprofit | 172 | \$713,000 | 176 | \$31,000 | 152 | 57% | 136 | \$18,000 |
| Johnson C Smith University | NC | Private nonprofit | 199 | \$551,000 | 188 | \$19,000 | 174 | 46% | 121 | \$19,000 |
| Meredith College | NC | Private nonprofit | 151 | \$781,000 | 165 | \$41,000 | 139 | 62% | 136 | \$18,000 |
| Salem College | NC | Private nonprofit | 166 | \$743,000 | 100 | \$63,000 | 151 | 57% | 89 | \$20,515 |
| University of North Carolina at Asheville | NC | Public | 170 | \$722,000 | 69 | \$76,000 | 140 | 62% | 172 | \$14,000 |
| Warren Wilson College | NC | Private nonprofit | 207 | \$458,000 | 207 | -\$21,000 | 163 | 52% | 183 | \$12,500 |
| Doane University | NE | Private nonprofit | 114 | \$890,000 | 111 | \$59,000 | 144 | 61% | 148 | \$17,000 |
| Saint Anselm College | NH | Private nonprofit | 29 | \$1,173,000 | 57 | \$81,000 | 79 | 76% | 1 | \$27,000 |
| University of New Hampshire at Manchester | NH | Public | 45 | \$1,084,000 | 12 | \$121,000 | 168 | 48% | 59 | \$23,000 |
| Bloomfield College | NJ | Private nonprofit | 155 | \$769,000 | 131 | \$53,000 | 195 | 32% | 154 | \$16,750 |
| Drew University | NJ | Private nonprofit | 55 | \$1,046,000 | 115 | \$58,000 | 141 | 62% | 62 | \$22,500 |
| St. John's College | NM | Private nonprofit | 187 | \$658,000 | 177 | \$30,000 | 155 | 57% | 147 | \$17,250 |
| Bard College | NY | Private nonprofit | 159 | \$765,000 | 186 | \$21,000 | 81 | 76% | 95 | \$20,298 |
| Barnard College | NY | Private nonprofit | 24 | \$1,200,000 | 16 | \$115,000 | 12 | 92% | 152 | \$16,964 |
| Colgate University | NY | Private nonprofit | 11 | \$1,322,000 | 6 | \$130,000 | 19 | 91% | 165 | \$15,500 |

| | | | Liberal arts | | Liberal arts | | Liberal arts | | 1.7h a sal a a | NA1" - |
|--|-------|-------------------|---------------------|-------------|-----------------|-------------|-------------------------|--------------------|---------------------------|----------------|
| Institution | State | Туре | 40-year NPV rank | 40-year NPV | 10-year rank | 10-year NPV | graduation rate rank | Graduation rate | Liberal arts debt rank | Median debt |
| Hamilton College | NY | Private nonprofit | 16 | \$1,241,000 | 17 | \$113,000 | 9 | 93% | 156 | \$16,565 |
| Hartwick College | NY | Private nonprofit | 108 | \$910,000 | 135 | \$51,000 | 153 | 57% | 51 | \$23,250 |
| Hobart and William Smith Colleges | NY | Private nonprofit | 55 | \$1,046,000 | 162 | \$43,000 | 68 | 79% | 5 | \$26,775 |
| Houghton College | NY | Private nonprofit | 163 | \$759,000 | 115 | \$58,000 | 95 | 73% | 100 | \$19,852 |
| Marymount Manhattan College | NY | Private nonprofit | 162 | \$760,000 | 205 | -\$16,000 | 172 | 47% | 144 | \$17,583 |
| Sarah Lawrence College | NY | Private nonprofit | 141 | \$803,000 | 201 | -\$3,000 | 56 | 81% | 179 | \$13,000 |
| Skidmore College | NY | Private nonprofit | 71 | \$993,000 | 103 | \$62,000 | 28 | 88% | 121 | \$19,000 |
| St Lawrence University | NY | Private nonprofit | 69 | \$999,000 | 109 | \$60,000 | 42 | 85% | 40 | \$24,000 |
| SUNY at Purchase College | NY | Public | 178 | \$706,000 | 146 | \$47,000 | 130 | 64% | 136 | \$18,000 |
| Union College | NY | Private nonprofit | 12 | \$1,317,000 | 37 | \$91,000 | 34 | 86% | 59 | \$23,000 |
| Vassar College | NY | Private nonprofit | 38 | \$1,105,000 | 57 | \$81,000 | 16 | 91% | 165 | \$15,500 |
| Wells College | NY | Private nonprofit | 183 | \$685,000 | 179 | \$27,000 | 166 | 50% | 61 | \$22,750 |
| Denison University | ОН | Private nonprofit | 73 | \$988,000 | 78 | \$74,000 | 48 | 83% | 51 | \$23,250 |
| Kenyon College | ОН | Private nonprofit | 88 | \$951,000 | 168 | \$38,000 | 18 | 91% | 148 | \$17,000 |
| Oberlin College | ОН | Private nonprofit | 161 | \$763,000 | 199 | -\$1,000 | 37 | 86% | 29 | \$24,932 |
| Ohio Wesleyan University | ОН | Private nonprofit | 112 | \$897,000 | 145 | \$48,000 | 113 | 68% | 32 | \$24,500 |
| The College of Wooster | ОН | Private nonprofit | 103 | \$921,000 | 129 | \$54,000 | 78 | 76% | 71 | \$21,500 |
| Wittenberg University | ОН | Private nonprofit | 125 | \$868,000 | 115 | \$58,000 | 119 | 67% | 90 | \$20,500 |
| Randall University | ОК | Private nonprofit | 176 | \$708,000 | 103 | \$62,000 | 188 | 39% | 209 | \$6,500 |
| University of Science and Arts of Oklahoma | ОК | Public | 180 | \$698,000 | 29 | \$98,000 | 191 | 35% | 205 | \$9,329 |
| Lewis & Clark College | OR | Private nonprofit | 122 | \$874,000 | 196 | \$8,000 | 62 | 80% | 105 | \$19,500 |
| Linfield College-McMinnville Campus | OR | Private nonprofit | 34 | \$1,130,000 | 31 | \$96,000 | 90 | 74% | 79 | \$21,491 |
| Reed College | OR | Private nonprofit | 147 | \$791,000 | 198 | \$0 | 69 | 79% | 177 | \$13,245 |
| Willamette University | OR | Private nonprofit | 66 | \$1,005,000 | 146 | \$47,000 | 85 | 75% | 71 | \$21,500 |
| Albright College | PA | Private nonprofit | 88 | \$951,000 | 75 | \$75,000 | 159 | 54% | 23 | \$25,000 |
| Allegheny College | PA | Private nonprofit | 58 | \$1,030,000 | 69 | \$76,000 | 84 | 76% | 1 | \$27,000 |
| Bryn Mawr College | PA | Private nonprofit | 36 | \$1,114,000 | 37 | \$91,000 | 47 | 83% | 58 | \$23,006 |
| Bucknell University | PA | Private nonprofit | 5 | \$1,417,000 | 40 | \$90,000 | 25 | 89% | 20 | \$25,250 |
| Cheyney University of Pennsylvania | PA | Public | 198 | \$568,000 | 189 | \$17,000 | 209 | 19% | 101 | \$19,760 |
| Dickinson College | PA | Private nonprofit | 31 | \$1,159,000 | 53 | \$83,000 | 45 | 84% | 102 | \$19,700 |

| | _ | | Liberal arts 40-year | | Liberal arts 10-year | | Liberal arts graduation | Graduation | Liberal arts | Median |
|--|-------|-------------------|-------------------------|-------------|-------------------------|-------------|----------------------------|------------|--------------|----------|
| Institution | State | Туре | NPV rank | 40-year NPV | rank | 10-year NPV | rate rank | rate | debt rank | debt |
| Elizabethtown College | PA | Private nonprofit | 58 | \$1,030,000 | 85 | \$69,000 | 89 | 74% | 21 | \$25,228 |
| Franklin and Marshall College | PA | Private nonprofit | 25 | \$1,196,000 | 35 | \$92,000 | 35 | 86% | 117 | \$19,492 |
| Gettysburg College | PA | Private nonprofit | 33 | \$1,135,000 | 50 | \$84,000 | 39 | 85% | 81 | \$21,000 |
| Haverford College | PA | Private nonprofit | 20 | \$1,217,000 | 64 | \$79,000 | 14 | 92% | 193 | \$11,944 |
| Juniata College | PA | Private nonprofit | 75 | \$987,000 | 95 | \$65,000 | 65 | 79% | 5 | \$26,775 |
| Lafayette College | PA | Private nonprofit | 6 | \$1,409,000 | 9 | \$123,000 | 24 | 89% | 62 | \$22,500 |
| Lycoming College | PA | Private nonprofit | 97 | \$934,000 | 68 | \$77,000 | 108 | 69% | 35 | \$24,375 |
| Mansfield University of Pennsylvania | PA | Public | 152 | \$775,000 | 133 | \$52,000 | 165 | 51% | 105 | \$19,500 |
| Moravian College | PA | Private nonprofit | 60 | \$1,028,000 | 82 | \$70,000 | 122 | 66% | 71 | \$21,500 |
| Muhlenberg College | PA | Private nonprofit | 27 | \$1,191,000 | 67 | \$78,000 | 41 | 85% | 49 | \$23,439 |
| Pennsylvania State University-Penn State Brandywine | PA | Public | 52 | \$1,058,000 | 14 | \$119,000 | 183 | 43% | 105 | \$19,500 |
| Saint Vincent College | PA | Private nonprofit | 81 | \$973,000 | 57 | \$81,000 | 101 | 71% | 50 | \$23,354 |
| Susquehanna University | PA | Private nonprofit | 43 | \$1,090,000 | 69 | \$76,000 | 96 | 72% | 7 | \$26,430 |
| Swarthmore College | PA | Private nonprofit | 30 | \$1,170,000 | 24 | \$107,000 | 5 | 94% | 143 | \$17,673 |
| University of Pittsburgh-Greensburg | PA | Public | 35 | \$1,123,000 | 17 | \$113,000 | 179 | 44% | 71 | \$21,500 |
| Ursinus College | PA | Private nonprofit | 39 | \$1,104,000 | 82 | \$70,000 | 74 | 77% | 1 | \$27,000 |
| Washington & Jefferson College | PA | Private nonprofit | 40 | \$1,098,000 | 69 | \$76,000 | 93 | 73% | 11 | \$26,000 |
| Westminster College | PA | Private nonprofit | 119 | \$880,000 | 82 | \$70,000 | 103 | 70% | 11 | \$26,000 |
| Allen University | SC | Private nonprofit | 209 | \$447,000 | 192 | \$10,000 | 207 | 20% | 90 | \$20,500 |
| Furman University | SC | Private nonprofit | 61 | \$1,022,000 | 100 | \$63,000 | 53 | 82% | 71 | \$21,500 |
| Presbyterian College | SC | Private nonprofit | 105 | \$920,000 | 47 | \$86,000 | 124 | 66% | 134 | \$18,384 |
| University of South Carolina-Beaufort | SC | Public | 164 | \$754,000 | 95 | \$65,000 | 203 | 26% | 198 | \$11,000 |
| Wofford College | SC | Private nonprofit | 54 | \$1,050,000 | 50 | \$84,000 | 58 | 80% | 71 | \$21,500 |
| Fisk University | TN | Private nonprofit | 188 | \$652,000 | 201 | -\$3,000 | 170 | 47% | 70 | \$21,750 |
| Lane College | TN | Private nonprofit | 204 | \$514,000 | 168 | \$38,000 | 208 | 20% | 159 | \$16,000 |
| Rhodes College | TN | Private nonprofit | 45 | \$1,084,000 | 64 | \$79,000 | 54 | 81% | 68 | \$22,000 |
| The University of the South | TN | Private nonprofit | 111 | \$899,000 | 146 | \$47,000 | 64 | 79% | 159 | \$16,000 |
| Austin College | TX | Private nonprofit | 72 | \$992,000 | 44 | \$88,000 | 105 | 70% | 105 | \$19,500 |
| Southwestern University | TX | Private nonprofit | 41 | \$1,096,000 | 50 | \$84,000 | 94 | 73% | 46 | \$23,500 |
| Bridgewater College | VA | Private nonprofit | 123 | \$871,000 | 78 | \$74,000 | 134 | 64% | 87 | \$20,797 |

| Institution | State | Туре | Liberal arts 40-year NPV rank | 40-year NPV | Liberal arts 10-year rank | 10-year NPV | Liberal arts graduation rate rank | Graduation rate | Liberal arts debt rank | Median debt |
|--|-------|-------------------|-------------------------------------|-------------|---------------------------------|-------------|---|--------------------|---------------------------|----------------|
| Emory & Henry College | VA | Private nonprofit | 136 | \$822,000 | 111 | \$59,000 | 164 | 52% | 135 | \$18,304 |
| Hampden-Sydney College | VA | Private nonprofit | 61 | \$1,022,000 | 159 | \$44,000 | 127 | 65% | 62 | \$22,500 |
| Hollins University | VA | Private nonprofit | 179 | \$701,000 | 168 | \$38,000 | 148 | 57% | 157 | \$16,524 |
| Randolph-Macon College | VA | Private nonprofit | 78 | \$980,000 | 109 | \$60,000 | 138 | 63% | 36 | \$24,318 |
| Randolph College | VA | Private nonprofit | 155 | \$769,000 | 181 | \$25,000 | 145 | 59% | 136 | \$18,000 |
| Roanoke College | VA | Private nonprofit | 118 | \$882,000 | 159 | \$44,000 | 128 | 65% | 23 | \$25,000 |
| Southern Virginia University | VA | Private nonprofit | 172 | \$713,000 | 168 | \$38,000 | 198 | 30% | 207 | \$8,500 |
| Sweet Briar College | VA | Private nonprofit | 157 | \$767,000 | 135 | \$51,000 | 150 | 57% | 81 | \$21,000 |
| The University of Virginia's College at Wise | VA | Public | 140 | \$808,000 | 44 | \$88,000 | 178 | 45% | 187 | \$12,000 |
| University of Richmond | VA | Private nonprofit | 12 | \$1,317,000 | 23 | \$108,000 | 27 | 88% | 105 | \$19,500 |
| Virginia Military Institute | VA | Public | 7 | \$1,375,000 | 4 | \$143,000 | 75 | 77% | 105 | \$19,500 |
| Virginia Union University | VA | Private nonprofit | 192 | \$621,000 | 186 | \$21,000 | 197 | 30% | 168 | \$15,000 |
| Virginia Wesleyan University | VA | Private nonprofit | 143 | \$799,000 | 173 | \$36,000 | 167 | 49% | 162 | \$15,830 |
| Washington and Lee University | VA | Private nonprofit | 2 | \$1,578,000 | 2 | \$152,000 | 13 | 92% | 105 | \$19,500 |
| Bennington College | VT | Private nonprofit | 202 | \$530,000 | 208 | -\$23,000 | 110 | 69% | 105 | \$19,500 |
| Marlboro College | VT | Private nonprofit | 201 | \$543,000 | 181 | \$25,000 | 149 | 57% | 159 | \$16,000 |
| Middlebury College | VT | Private nonprofit | 28 | \$1,188,000 | 30 | \$97,000 | 6 | 94% | 191 | \$11,995 |
| Saint Michael's College | VT | Private nonprofit | 68 | \$1,003,000 | 135 | \$51,000 | 71 | 79% | 16 | \$25,893 |
| University of Puget Sound | WA | Private nonprofit | 67 | \$1,004,000 | 189 | \$17,000 | 70 | 79% | 90 | \$20,500 |
| Whitman College | WA | Private nonprofit | 94 | \$937,000 | 209 | -\$25,000 | 30 | 88% | 146 | \$17,477 |
| Beloit College | WI | Private nonprofit | 117 | \$883,000 | 42 | \$89,000 | 66 | 79% | 45 | \$23,526 |
| Lawrence University | WI | Private nonprofit | 128 | \$863,000 | 172 | \$37,000 | 67 | 79% | 42 | \$23,950 |
| Ripon College | WI | Private nonprofit | 97 | \$934,000 | 57 | \$81,000 | 116 | 68% | 51 | \$23,250 |
| Saint Norbert College | WI | Private nonprofit | 99 | \$932,000 | 103 | \$62,000 | 92 | 73% | 51 | \$23,250 |
| University of Wisconsin-Parkside | WI | Public | 133 | \$847,000 | 28 | \$99,000 | 199 | 29% | 179 | \$13,000 |
| University of Wisconsin-Superior | WI | Public | 152 | \$775,000 | 46 | \$87,000 | 182 | 43% | 164 | \$15,533 |
| Bethany College | WV | Private nonprofit | 139 | \$813,000 | 123 | \$56,000 | 181 | 43% | 119 | \$19,324 |
| Shepherd University | WV | Public | 131 | \$853,000 | 20 | \$109,000 | 180 | 44% | 170 | \$14,190 |



ROI of Liberal Arts Colleges: Value Adds Up Over Time

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