US Private College and University Medians Underscore Revenue Challenge and Mixed Outlook for Sector

FY 2011 data show weaker tuition pricing power, but higher rated faring well; strong balance sheet growth of FY 2011 ended in FY 2012.

Summary

Moody’s Fiscal Year 2011 US Not-for-Profit Private College and University Medians show a continuation of credit trends established in FY 2010, and which will remain in place for FY 2012 and FY 2013 at least. The sector is struggling with a revenue growth problem even as it continues to enroll more students. A greater focus on expense management now drives the sector, thus far allowing margins to remain healthy. FY 2011 was a good one for balance sheet improvement, but FY 2012 will show weakening as endowments returned less than budgeted spent.

Higher rated, more diversified colleges and universities are not immune to these challenges, but are faring better than the majority of the sector, as discussed in Moody’s recent report on our mixed outlook for the sector. Divergent credit trends evident in the medians for FY 2011 will persist in coming years as diversified market leading universities, typically in the Aaa and Aa rating categories, experience healthy net tuition and enrollment increases, strong philanthropic support, and more robust balance sheet growth. By comparison, colleges with weaker market positions that are heavily reliant on student charges are struggling to staunch deterioration of key metrics.

We expect most private colleges and universities will remain pressured as the economic recovery remains unimpressive, equity markets produce volatile investment returns, federal and state budgets remain stressed, and household net worth remains below pre-recession levels. Effective governance and management is looming ever more critical, not only to respond to revenue and cost management challenges, but also to manage intensifying public scrutiny of the industry and tougher accreditation standards.

Highlights of the FY 2011 US Private Not-for-Profit College and University Medians include:

- **Continued slowed growth of net tuition per student reflects increased price sensitivity from families and heightened concerns of affordability from management and governing boards.** Overall, tuition discount rate crept up in FY 2011, illustrating the dual realities of rising student financial need and heightened competition to attract students.

- **Modest rise in expenses per student after a one-year decline highlights the difficulty of managing costs in the labor intensive education sector.** Nonetheless, annual operating and cash flow margins were the second highest in the FY 2007-FY 2011 period, reflecting management teams’ successful focus on achieving operating efficiencies and growing revenue.

- **Enrollment continued to rise, though slower than prior years, demonstrating ongoing fundamental strength of demand for private higher education, especially at the undergraduate level.**

- **Matriculation rates, or the enrolled yield on accepted students, declined again as students continued to apply to a greater number of colleges and were accepted by more institutions; price and quality discrimination by students drove yields well below 20% for many private colleges that lack either a clear quality niche or price advantage.**

- **Liquidity improved for the sector, except for Aaa-rated universities, many of which resumed investment in longer term less liquid assets to maximize returns.**

- **Reduced investment in plant caused capital spending ratios to drop significantly, demonstrating delay of capital projects and potential accumulation of deferred maintenance that will add to potential future borrowing needs.**

**FY 2011 Private College and University Medians**

The following text summarizes the FY 2011 medians for private colleges and universities and includes exhibits and appendices highlighting student demand, financial resources, liquidity, capital investment and debt, and operating performance. With three years of liquidity ratio data available, we have also reported on trends and medians for these metrics.

Moody’s currently rates 286 private colleges and universities on an underlying basis, with nearly $80 billion of debt outstanding. This excludes ratings on private higher education institutions based solely on external third party support, such as bank letters of credit or municipal bond insurance. The median rating for the sector is A2 by number of universities, with the average rating rising to Aa2 when weighted by the amount of debt outstanding. These rating medians vary from those reported last year (A3 by number of universities and Aa3 by debt outstanding) due to a decrease in the number of rated Baa- and below issuers from 101 in the FY 2010 report to 97 in the FY 2011 report.

**Student Demand and Tuition Revenue**

The median yield on admitted students (matriculation rate) declined for the fifth year, with weakening concentrated in the lower rating categories. As students continue to apply to a growing number of colleges and weak demographics drive colleges to recruit outside of their primary market, selectivity rates improve and matriculation rates decline. Primary selectivity for all credits improved slightly to 53.9% in fall 2011 from 54.9% in fall 2010. By category, Aaa-rated universities experienced a rise in the matriculation rate to 50.2%, though still below fall 2007 levels of 56.1%, Aa-rated
universities have been stable over the last five years (average of 34.3%), while both the A- and Baa-rated colleges posted declines of nearly five percentage points from fall 2007 to fall 2011.

**EXHIBIT 1**

**Higher Rated Credits Had Greater Ability to Grow Total Enrollment in Fall 2011**

Enrollment continued to rise, although the overall median rate of change of 0.7% was the lowest over the past five years. Countercyclical enrollment trends during a weak economy and the value of higher education continues to drive enrollment growth. We continue to see a flight to quality as highlighted by the 1.4% growth rate at Aaa-rated universities compared to nearly flat enrollment at Baa-rated colleges. Demographic trends, with a flattening or declining number of high school graduates in many states, prolonged stagnation in the economy and depressed family net worth, combined with capacity constraints will temper near-term growth.

**EXHIBIT 2**

**Median Total FTE Enrollment Continues to Grow But Rate is Slowing**

Median growth in net tuition per student improved in FY 2011, but revenue pressure persists particularly for lower rated universities. The FY 2011 median net tuition per student of $20,725 increased by 3.2% in FY 2011 compared to median growth of 1.9% in FY 2010 and 4.3% in FY 2009. By rating category, the Aaa-rated institutions posted the highest rate of increase of 4.8%, versus 2.8% for Aa-rated, 2.7% for A-rated institutions, and 3.3% for Baa-rated institutions. We expect that near-term overall median growth will stay below the 5.2% pre-recession average (FY 2007-2009) reflecting continued price sensitivity related to depressed family net worth, persistent high unemployment, market volatility leading to declines in savings, and increased public attention on
affordability. FY 2012 projections reflect similar trends as reported in our annual tuition survey\(^2\) where 21% of private survey respondents rated A1 and below projected a decline in net tuition per student, while no Aaa-rated respondents projected a reduction in net tuition per student.

**Tuition discounting rose for the fourth consecutive year.** The overall median discount rate of 32.3% in FY 2011 is up from 28.2% in FY 2007. At the Aaa-rated level, the 0.3% change in tuition discount reveals the pricing power of these very selective institutions.

### Financial Resources and Balance Sheet Position

**After three years of negative or single digit changes in financial resources, in FY 2011 median total financial resources increased by 17.0%, but weakness returned in FY 2012.** The median increase for Aaa-rated universities was 19.1%, with the Aa-rated at 16.4%, A-rated at 17.1%, and Baa-rated at 16.1%. Healthy investment returns, improved philanthropic support, positive operating performance, and modest increases in debt contributed to balance sheet growth in FY 2011. For FY 2012, we anticipate that after accounting for endowment spending, financial resources are likely to decline due to lower investment returns. The S&P 500 total return index posted a 6.5% annual return as of June 30, 2012.

\(^2\) More U.S. Universities Expect Tuition Revenue Declines; Larger, Diversified Universities Favored in Touch Higher Education Market, January 2012
Balance sheet cushions for debt and operations improved due to healthy investment returns and modest growth of debt and expenses in FY 2011. The overall median total direct debt grew by 2.2% to $104.0 million in FY 2011, compared to $101.7 million in FY 2010. Reflecting this slowdown in debt issuance, median expendable financial resources to debt was 1.4 times, higher than the FY 2010 median of 1.2 times. Across the aggregate rating categories, Aaa-rated universities recorded the strongest improvement to 5.4 times from 4.4 times, while the Baa-rated universities recorded a moderate improvement to 0.7 times from 0.6 times. The overall median expendable financial resources-to-operations improved to 1.0 times in FY 2011 from 0.8 times in the FY 2010.

The highest rated universities continue to garner the strongest philanthropic support. In FY 2011, Aaa-rated universities received a median of $203.2 million in gifts compared to $5.9 million for Baa-rated colleges. The absolute level of gifts has not returned to the pre-recession levels and we anticipate that growth in fiscal year 2012 gift revenue will slow as a result of weaker stock market conditions.
Liquidity

Investment strategies result in higher liquidity, as a share of total cash and investments, for Baa-rated universities. On a relative basis, Baa-rated colleges hold more of their cash and investments as monthly liquidity (41.9%) than the amount held by Aaa-rated institutions (27.9%). In addition, a significant portion of the Baa-rated liquidity is in monthly liquidity relative to annual liquidity. In FY 2011, Baa-rated entities held 45.1% of cash and investments in annual liquidity (41.9% in monthly liquidity) compared to Aaa-rated entities that held 37.2% in annual liquidity (27.9% monthly liquidity). Since most highly rated universities have strong coverage of demand debt obligations and operating expenses, they can comfortably invest in longer term strategies to try to capture a higher yield.

Unrestricted liquidity measures improved across the sector for the second year in a row. For FY 2011, median monthly days cash on hand increased to 274 days for all rating categories, up 9.6% from 250 days in FY 2010. Annual days cash on hand also increased in FY 2011 to 290 days from 277 days in FY 2010. By category, the range of monthly cash on hand measures ranged from the Aaa-rated 496 days to Baa-rated at 175 days, representing monthly liquidity amounts of $1.8 billion to $36.5 million, respectively. Monthly liquidity to demand debt strengthened to 283% in FY 2011 from 242% in FY 2010, reflecting the increase in liquidity as well as a decline in demand debt.

EXHIBIT 6
Aaa-Rated Universities Hold Far Lower Percentage of Investments in Monthly Liquidity

Source: Moody’s Financial Ratio Analysis

Operating Margins and Cost Controls

Median educational expenses per student resumed modest growth, highlighting the difficulty of controlling costs. Median educational expenses per student rose 1.9% between FY 2010 and FY 2011, significantly less than the 5.1% increase between FY 2007 and FY 2008 and the 3.4% increase between FY 2008 and FY 2009. Further substantiating this reversal is that in FY 2011, 50% of the private institutions had a greater than 2% increase in expenses, compared to only 32% in FY 2010. Across the spectrum, universities are looking for and incorporating cost efficiencies. The range of educational expenses per student is wide, with Aaa-rated institutions at $75,435 or 3.5 times more than Baa-rated institutions at $21,477.
Median operating performance softened slightly in FY 2011, although still the second strongest performance over the last five years. Management’s focus on cost reduction and containment resulted in continued healthy operating performance despite revenue growth below pre-recession levels. Median annual growth in operating revenues of 3.4% in FY 2011 was below the more robust growth of 6.9% in FY 2008. Continued pressure on net tuition revenue, which comprises a median 76% of operating revenue, highlights the need for additional operating efficiencies. Results from Moody’s third annual tuition survey indicate heightened revenue pressure with 18% of university respondents projecting declines in net tuition revenue in FY 2012 compared to 13% in FY 2011.3

**Capital Investment and Debt**

Universities and colleges continued to reduce or defer capital investment, as highlighted by an increase in median age of plant for the fourth consecutive year. The FY 2011 median capital

---

3 More U.S. Universities Expect Tuition Revenue Declines; Larger, Diversified Universities Favored in Tough Higher Education Market, January 2012
spending ratio – purchases of capital or property, plant, and equipment divided by depreciation – was 1.36 times, flat over FY 2010 but down significantly from 1.94 times in FY 2009 and 2.21 times in FY 2008. Investments in new capital projects continue to decline as colleges are either concluding significant capital investments from prior years, delaying projects in light of economic uncertainty, or preparing new strategic and campus development plans and thus delaying improvements. An alternative measure of capital investment, age of plant, reflects a similar trend of deferment, with the median age of plant rising to 11.9 years in FY 2011 from 11.4 years in FY 2010 and 10.9 years in FY 2007. FY 2008 was the height of plant investment, with each rating category recording median capital investment that was at least two times its annual depreciation expense. While institutions across all rating categories invested in infrastructure in FY 2011, the highest rated institutions outpaced their lower-rated counterparts, with only a 0.9% increase in the median age of plant compared to median age of plant increases of 4.4% increase for Aa-rated, 3.6% for A-rated, and 4.1% for Baa-rated universities.

Median variable rate debt exposure (before swaps) continued its decline as a percentage of total debt across the sector as colleges and universities shifted back to fixed rate debt. The median exposure to variable rate debt declined in FY 2011 to 18.3% for all colleges from 31.0% in FY 2007. The decline reflects the greater number of debt restructurings completed by universities in reaction to the credit crisis that began in late 2007. We expect that median variable rate debt exposure will continue to decline in the near-term, particularly in a low-interest rate environment, but due to economic benefits, we do not expect to see variable rate disappear entirely from debt portfolios.
Basis for Medians

Moody’s medians for private universities are based on our analysis of fiscal year 2011 and fall 2011 enrollment data for 266 rated private colleges and universities, or 93% of our private higher education portfolio. The private college and university medians in Appendix I are distinguished as follows: Small institutions are less than 3,000 FTE and less than $150 million in operating revenues (108 or 41% of the median database of 266 entities), while large institutions represent the remaining institutions (158 or 59% of the total).

Medians for the private colleges and universities as of July 23, 2012 are presented in the following appendices and labeled as shown below. The written narrative in this report discusses the medians from Appendices II and III.

» Appendix I: FY 2011 Medians by Size of University (Small versus Large4) and Rating Category
» Appendix II: FY 2007-2011 Overall Medians
» Appendix III: FY 2007-2011 Medians by Rating Category
» Appendix IV: Ratings and Outlooks by State
» Appendix V: Ratings and Outlooks by Rating Category
» Appendix VI: Moody’s Private College and University Ratio Definitions

The medians are the outcome of a complex rating process that incorporates a broad variety of quantitative and qualitative factors. As such, there will be a wide range of values for individual ratios within each rating category. In assigning ratings, we do not assign an organization’s precise rating level simply by comparing institutional ratios to medians, but rather weigh core credit variables over time as well as in relation to broad competitive trends in higher education. These variables include strategy, management performance, market factors, capital spending and other key financial indicators.

Data for FY 2007 – FY 2011 may not match the July 2011 publication of FY 2010 private higher education medians. Data included in this report is based on current ratings, as of July 23, 2012, which may have changed since the publication of our FY 2010 medians in July of 2011. In addition, the data for this publication includes initial ratings assigned since July 2011 as well as any data adjustments made since then. Fiscal year 2007 to 2011 medians in this publication are based on the same subset of private colleges and universities for all five years. Median calculations are based on fiscal-year-end financial data and fall enrollments and student demand data.

This publication of the FY 2011 US Private College and University Medians are the first to include new portfolio trend data using (i) standard deviations and (ii) medians based on tuition dependence levels. These data provide further comparability across rated private colleges and universities and are a supplement to Moody’s regularly published medians. Access to these datasets is available via a link in the Moody’s Related Research section of this report.

4 Small institutions have enrollment under 3,000 FTE and revenues under $150 million.
Appendix I: Private College and University FY 2011 Medians by Size of Institution

<table>
<thead>
<tr>
<th>Key Financial Statistics:</th>
<th>Medians For Small Institutions</th>
<th>Medians For Large Institutions</th>
<th>All Baa &amp; Below</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Outstanding ($'000)</td>
<td>$58,280</td>
<td>$170,208</td>
<td>$81,895</td>
</tr>
<tr>
<td>Unrestricted Financial Resources ($'000)</td>
<td>$41,363</td>
<td>$100,519</td>
<td>$22,899</td>
</tr>
<tr>
<td>Expendable Financial Resources ($'000)</td>
<td>$90,317</td>
<td>$190,440</td>
<td>$36,418</td>
</tr>
<tr>
<td>Total Financial Resources ($'000)</td>
<td>$158,393</td>
<td>$309,587</td>
<td>$77,554</td>
</tr>
<tr>
<td>Total Cash &amp; Investments ($'000)</td>
<td>$152,072</td>
<td>$364,113</td>
<td>$118,266</td>
</tr>
<tr>
<td>Monthly Liquidity ($000)</td>
<td>$51,399</td>
<td>$159,033</td>
<td>$42,811</td>
</tr>
<tr>
<td>Annual Liquidity ($000)</td>
<td>$52,141</td>
<td>$174,309</td>
<td>$42,811</td>
</tr>
<tr>
<td>Operating Revenue ($'000)</td>
<td>$65,429</td>
<td>$227,763</td>
<td>$101,764</td>
</tr>
<tr>
<td>Total Expenses ($'000)</td>
<td>$63,861</td>
<td>$212,313</td>
<td>$101,072</td>
</tr>
<tr>
<td>Total Gift Revenue ($'000)</td>
<td>$8,643</td>
<td>$18,441</td>
<td>$6,178</td>
</tr>
<tr>
<td>Average Gift Revenue (3Yr Avg) ($'000)</td>
<td>$8,651</td>
<td>$17,886</td>
<td>$5,941</td>
</tr>
<tr>
<td>Market Data and Ratios:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Enrollment FTE</td>
<td>1,888</td>
<td>6,065</td>
<td>4,521</td>
</tr>
<tr>
<td>% Change Enrollment FTE</td>
<td>0.5</td>
<td>0.7</td>
<td>0.5</td>
</tr>
<tr>
<td>Primary Selectivity (%)</td>
<td>57.0</td>
<td>53.6</td>
<td>71.5</td>
</tr>
<tr>
<td>Primary Matriculation (%)</td>
<td>27.2</td>
<td>25.6</td>
<td>24.2</td>
</tr>
<tr>
<td>Net Tuition Per Student ($)</td>
<td>$19,790</td>
<td>$20,988</td>
<td>$16,750</td>
</tr>
<tr>
<td>% Change Net Tuition Per Student</td>
<td>2.2</td>
<td>3.6</td>
<td>3.5</td>
</tr>
<tr>
<td>Educational Expenses Per Student ($)</td>
<td>$30,552</td>
<td>$27,078</td>
<td>$19,034</td>
</tr>
<tr>
<td>Total Tuition Discount (%)</td>
<td>39.3</td>
<td>30.3</td>
<td>27.4</td>
</tr>
<tr>
<td>Sample Size</td>
<td>Medians For Small Institutions</td>
<td>Medians For Large Institutions</td>
<td>All Baa &amp; Below</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------</td>
<td>--------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td></td>
<td>ALL</td>
<td>Aaa</td>
<td>Aa</td>
</tr>
<tr>
<td>Capital Ratios:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted Financial Resources-To-Direct Debt (x)</td>
<td>0.93</td>
<td>7.37</td>
<td>1.30</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Direct Debt (x)</td>
<td>1.60</td>
<td>11.95</td>
<td>4.06</td>
</tr>
<tr>
<td>Total Financial Resources-To-Direct Debt (x)</td>
<td>3.15</td>
<td>12.76</td>
<td>6.59</td>
</tr>
<tr>
<td>Total Cash &amp; Investments-To-Direct Debt (x)</td>
<td>2.96</td>
<td>13.02</td>
<td>6.03</td>
</tr>
<tr>
<td>Direct Debt-To-Cash Flow (x)</td>
<td>6.26</td>
<td>4.54</td>
<td>6.84</td>
</tr>
<tr>
<td>Debt to Operating Revenues (x)</td>
<td>0.79</td>
<td>1.06</td>
<td>0.97</td>
</tr>
<tr>
<td>Direct Debt-To-Total Capitalization (%)</td>
<td>19.7</td>
<td>6.7</td>
<td>11.9</td>
</tr>
<tr>
<td>Debt Service To Operations (%)</td>
<td>5.8</td>
<td>7.3</td>
<td>5.8</td>
</tr>
<tr>
<td>MADS To Operations (%)</td>
<td>7.1</td>
<td>9.5</td>
<td>7.9</td>
</tr>
<tr>
<td>Variable Rate Exposure - Before Swaps (%)</td>
<td>9.0</td>
<td>39.0</td>
<td>4.5</td>
</tr>
<tr>
<td>Monthly Liquidity To Demand Debt (%)</td>
<td>286.0</td>
<td>2064.5</td>
<td>518.3</td>
</tr>
<tr>
<td>Annual Liquidity To Demand Debt (%)</td>
<td>286.9</td>
<td>2064.5</td>
<td>518.3</td>
</tr>
<tr>
<td>Capital Spending Ratio (x)</td>
<td>1.05</td>
<td>0.59</td>
<td>1.63</td>
</tr>
<tr>
<td>Age Of Plant (Number Of Years) (x)</td>
<td>12.94</td>
<td>12.16</td>
<td>13.62</td>
</tr>
<tr>
<td>Balance Sheet Ratios:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted Financial Resources-To-Operations (x)</td>
<td>0.72</td>
<td>6.31</td>
<td>1.44</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Operations (x)</td>
<td>1.50</td>
<td>11.54</td>
<td>4.43</td>
</tr>
<tr>
<td>Free Expendable Financial Resources-To-Operations (x)</td>
<td>0.51</td>
<td>10.47</td>
<td>3.54</td>
</tr>
<tr>
<td>Monthly Days Cash On Hand (x)</td>
<td>320.5</td>
<td>2,790.5</td>
<td>566.3</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (x)</td>
<td>326.0</td>
<td>2,790.5</td>
<td>710.1</td>
</tr>
<tr>
<td>Total Financial Resources-Per-Student ($</td>
<td>$90,632</td>
<td>$913,120</td>
<td>$378,187</td>
</tr>
<tr>
<td>Operating Ratios:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Margin (%)</td>
<td>4.1</td>
<td>13.2</td>
<td>5.8</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>4.5</td>
<td>22.7</td>
<td>5.3</td>
</tr>
<tr>
<td>Operating Margin Excluding Gifts (%)</td>
<td>-4.7</td>
<td>5.7</td>
<td>-6.0</td>
</tr>
<tr>
<td>Operating Cash Flow Margin (%)</td>
<td>14.8</td>
<td>24.6</td>
<td>16.9</td>
</tr>
</tbody>
</table>
### Medians For Small Institutions

<table>
<thead>
<tr>
<th>Sample Size</th>
<th>Medians For Small Institutions</th>
<th>Medians For Large Institutions</th>
<th>All Baa &amp; Below</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ALL</td>
<td>Aaa</td>
<td>Aa</td>
</tr>
<tr>
<td>Change In Net Tuition Revenue (%)</td>
<td>108</td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>Debt Service Coverage (x)</td>
<td>4.4</td>
<td>4.6</td>
<td>4.2</td>
</tr>
<tr>
<td>MADS Coverage (x)</td>
<td>3.20</td>
<td>4.65</td>
<td>3.45</td>
</tr>
<tr>
<td>Average MADS Coverage (x)</td>
<td>3.72</td>
<td>2.71</td>
<td>2.63</td>
</tr>
<tr>
<td>Average Debt Service Coverage (x)</td>
<td>2.27</td>
<td>4.31</td>
<td>2.33</td>
</tr>
<tr>
<td>Average Gifts Per Student ($)</td>
<td>$4,802</td>
<td>$8,840</td>
<td>$10,692</td>
</tr>
<tr>
<td>Return On Net Assets (%)</td>
<td>12.9</td>
<td>16.9</td>
<td>14.6</td>
</tr>
<tr>
<td>Return On Financial Resources (%)</td>
<td>15.9</td>
<td>19.6</td>
<td>16.2</td>
</tr>
<tr>
<td><strong>Contribution Ratios:</strong> [1]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition and Auxiliaries (%)</td>
<td>76.2</td>
<td>31.8</td>
<td>60.4</td>
</tr>
<tr>
<td>Investment Income (%)</td>
<td>10.1</td>
<td>52.0</td>
<td>26.3</td>
</tr>
<tr>
<td>Gifts (%)</td>
<td>7.6</td>
<td>9.1</td>
<td>10.5</td>
</tr>
<tr>
<td>Grants and contracts (%)</td>
<td>1.3</td>
<td>0.3</td>
<td>0.6</td>
</tr>
<tr>
<td>Other (%)</td>
<td>1.7</td>
<td>5.3</td>
<td>2.1</td>
</tr>
</tbody>
</table>

Medians are based on FY 2011 financial data and fall 2011 enrollment data.
Institutions with enrollment under 3,000 FTE and revenues under $150 million are “small.”
The “All” columns include data for a small number of institutions rated below investment grade.
[1] The median revenue contribution ratios may not add to 100% due to variation in contribution ratios among the obligors.
### Appendix II: Private College and University Medians FY 2007 - FY 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>266</td>
<td>266</td>
<td>266</td>
<td>266</td>
<td>266</td>
</tr>
</tbody>
</table>

#### Key Financial Statistics:

- **Debt Outstanding ($'000)**
  - 2007: $88,610
  - 2008: $96,366
  - 2009: $95,798
  - 2010: $101,700
  - 2011: $103,974

- **Unrestricted Financial Resources ($'000)**
  - 2007: $112,464
  - 2008: $100,962
  - 2009: $49,483
  - 2010: $60,379
  - 2011: $73,712

- **Expendable Financial Resources ($'000)**
  - 2007: $162,269
  - 2008: $154,357
  - 2009: $97,694
  - 2010: $118,812
  - 2011: $145,917

- **Total Financial Resources ($'000)**
  - 2007: $251,516
  - 2008: $241,212
  - 2009: $181,015
  - 2010: $197,054
  - 2011: $239,386

- **Total Cash & Investments ($'000)**
  - 2007: $254,136
  - 2008: $250,607
  - 2009: $196,099
  - 2010: $216,214
  - 2011: $256,514

- **Operating Revenue ($'000)**
  - 2007: $103,026
  - 2008: $110,312
  - 2009: $115,694
  - 2010: $118,228
  - 2011: $119,816

- **Total Expenses ($'000)**
  - 2007: $95,706
  - 2008: $102,836
  - 2009: $107,807
  - 2010: $110,706
  - 2011: $119,741

- **Total Gift Revenue ($'000)**
  - 2007: $14,478
  - 2008: $13,228
  - 2009: $10,272
  - 2010: $11,002
  - 2011: $12,664

- **Average Gift Revenue (3Yr Avg) ($'000)**
  - 2007: $13,187
  - 2008: $14,040
  - 2009: $13,582
  - 2010: $12,710
  - 2011: $10,424

#### Market Data and Ratios:

- **Total Enrollment FTE**
  - 2007: 3,255
  - 2008: 3,304
  - 2009: 3,352
  - 2010: 3,402
  - 2011: 3,439

- **% Change Enrollment FTE**
  - 2007: 1.1%
  - 2008: 1.2%
  - 2009: 1.5%
  - 2010: 1.9%
  - 2011: 0.7%

- **Primary Selectivity (%)**
  - 2007: 55.2%
  - 2008: 53.8%
  - 2009: 56.7%
  - 2010: 54.9%
  - 2011: 53.9%

- **Primary Matriculation (%)**
  - 2007: 30.5%
  - 2008: 30.2%
  - 2009: 29.0%
  - 2010: 28.0%
  - 2011: 26.3%

- **Net Tuition Per Student ($)**
  - 2007: $17,979
  - 2008: $18,736
  - 2009: $19,516
  - 2010: $19,920
  - 2011: $20,725

- **% Change Net Tuition Per Student**
  - 2007: 5.9%
  - 2008: 5.3%
  - 2009: 4.3%
  - 2010: 1.9%
  - 2011: 3.2%

- **Educational Expenses Per Student ($)**
  - 2007: $25,980
  - 2008: $27,431
  - 2009: $27,919
  - 2010: $27,846
  - 2011: $28,330

- **Total Tuition Discount (%)**
  - 2007: 29.3%
  - 2008: 29.6%
  - 2009: 30.8%
  - 2010: 32.1%
  - 2011: 33.1%

#### Capital Ratios:

- **Unrestricted Financial Resources-To-Direct Debt (x)**
  - 2007: 1.43
  - 2008: 1.17
  - 2009: .60
  - 2010: .68
  - 2011: .83

- **Expendable Financial Resources-To-Direct Debt (x)**
  - 2007: 1.86
  - 2008: 1.68
  - 2009: 1.04
  - 2010: 1.15
  - 2011: 1.38

- **Total Financial Resources-To-Direct Debt (x)**
  - 2007: 2.79
  - 2008: 2.66
  - 2009: 1.94
  - 2010: 2.09
  - 2011: 2.40

- **Total Cash & Investments-To-Direct Debt (x)**
  - 2007: 2.90
  - 2008: 2.69
  - 2009: 2.16
  - 2010: 2.26
  - 2011: 2.59

- **Direct Debt-To-Cash Flow (x)**
  - 2007: 5.56
  - 2008: 5.70
  - 2009: 6.14
  - 2010: 5.86
  - 2011: 5.75

- **Debt to Operating Revenues (x)**
  - 2007: .71
  - 2008: .73
  - 2009: .74
  - 2010: .72
  - 2011: .72

- **Direct Debt-To-Total Capitalization (%)**
  - 2007: 20.4%
  - 2008: 20.8%
  - 2009: 25.4%
  - 2010: 24.5%
  - 2011: 22.1%

- **Debt Service To Operations (%)**
  - 2007: 4.9%
  - 2008: 5.1%
  - 2009: 5.0%
  - 2010: 5.2%
  - 2011: 5.3%

- **MADS To Operations (%)**
  - 2007: 6.8%
  - 2008: 6.4%
  - 2009: 6.3%
  - 2010: 6.6%
  - 2011: 6.8%

- **Variable Rate Exposure - Before Swaps (%)**
  - 2007: 28.4%
  - 2008: 28.5%
  - 2009: 27.9%
  - 2010: 21.7%
  - 2011: 18.3%

- **Monthly Liquidity To Demand Debt (%)**
  - N/A
  - N/A
  - 186.3%
  - 241.5%
  - 282.5%

- **Annual Liquidity To Demand Debt (%)**
  - N/A
  - N/A
  - 206.5%
  - 267.1%
  - 305.9%

- **Capital Spending Ratio (x)**
  - 2007: 1.85
  - 2008: 2.21
  - 2009: 1.94
  - 2010: 1.35
  - 2011: 1.36

- **Age Of Plant (Number Of Years) (x)**
  - 2007: 10.93
  - 2008: 11.15
  - 2009: 11.19
  - 2010: 11.42
  - 2011: 11.88


<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Balance Sheet Ratios:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted Financial Resources-To-Operations (x)</td>
<td>.97</td>
<td>.80</td>
<td>.43</td>
<td>.51</td>
<td>.56</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Operations (x)</td>
<td>1.30</td>
<td>1.14</td>
<td>.73</td>
<td>.81</td>
<td>1.01</td>
</tr>
<tr>
<td>Free Expendable Financial Resources-To-Operations (x)</td>
<td>.57</td>
<td>.42</td>
<td>.03</td>
<td>.12</td>
<td>.28</td>
</tr>
<tr>
<td>Monthly Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>208.3</td>
<td>249.9</td>
<td>273.8</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>244.6</td>
<td>277.4</td>
<td>290.4</td>
</tr>
<tr>
<td>Total Financial Resources-Per-Student ($)</td>
<td>$60,850</td>
<td>$59,682</td>
<td>$43,447</td>
<td>$49,423</td>
<td>$57,693</td>
</tr>
<tr>
<td><strong>Operating Ratios:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Margin (%)</td>
<td>4.3%</td>
<td>4.6%</td>
<td>4.1%</td>
<td>5.3%</td>
<td>4.8%</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>3.8%</td>
<td>4.4%</td>
<td>4.4%</td>
<td>4.8%</td>
<td>4.8%</td>
</tr>
<tr>
<td>Operating Margin Excluding Gifts (%)</td>
<td>-1.9%</td>
<td>-2.2%</td>
<td>-1.6%</td>
<td>-0.9%</td>
<td>-1.5%</td>
</tr>
<tr>
<td>Operating Cash Flow Margin (%)</td>
<td>14.1%</td>
<td>14.0%</td>
<td>13.7%</td>
<td>15.0%</td>
<td>14.4%</td>
</tr>
<tr>
<td>Change In Net Tuition Revenue (%)</td>
<td>6.7%</td>
<td>6.6%</td>
<td>5.7%</td>
<td>3.5%</td>
<td>4.8%</td>
</tr>
<tr>
<td>Debt Service Coverage (x)</td>
<td>3.11</td>
<td>3.07</td>
<td>2.91</td>
<td>3.16</td>
<td>3.03</td>
</tr>
<tr>
<td>MADS Coverage (x)</td>
<td>2.20</td>
<td>2.48</td>
<td>2.31</td>
<td>2.39</td>
<td>2.25</td>
</tr>
<tr>
<td>Average MADS Coverage (x)</td>
<td>2.03</td>
<td>2.22</td>
<td>2.28</td>
<td>2.34</td>
<td>2.30</td>
</tr>
<tr>
<td>Average Debt Service Coverage (x)</td>
<td>2.98</td>
<td>3.07</td>
<td>2.99</td>
<td>3.00</td>
<td>3.01</td>
</tr>
<tr>
<td>Average Gifts Per Student ($)</td>
<td>$3,740</td>
<td>$4,026</td>
<td>$3,837</td>
<td>$3,482</td>
<td>$3,508</td>
</tr>
<tr>
<td>Return On Net Assets (%)</td>
<td>14.3%</td>
<td>-0.4%</td>
<td>-15.4%</td>
<td>7.2%</td>
<td>13.9%</td>
</tr>
<tr>
<td>Return On Financial Resources (%)</td>
<td>16.7%</td>
<td>-2.8%</td>
<td>-22.0%</td>
<td>9.6%</td>
<td>17.0%</td>
</tr>
<tr>
<td><strong>Contribution Ratios:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition and Auxiliaries (%)</td>
<td>74.0%</td>
<td>73.3%</td>
<td>74.3%</td>
<td>74.4%</td>
<td>75.5%</td>
</tr>
<tr>
<td>Investment Income (%)</td>
<td>7.9%</td>
<td>8.2%</td>
<td>8.4%</td>
<td>7.9%</td>
<td>7.1%</td>
</tr>
<tr>
<td>Gifts (%)</td>
<td>6.7%</td>
<td>6.1%</td>
<td>5.7%</td>
<td>5.5%</td>
<td>5.5%</td>
</tr>
<tr>
<td>Grants and contracts (%)</td>
<td>2.5%</td>
<td>2.2%</td>
<td>2.2%</td>
<td>2.4%</td>
<td>2.2%</td>
</tr>
<tr>
<td>Other (%)</td>
<td>2.6%</td>
<td>2.6%</td>
<td>2.3%</td>
<td>2.3%</td>
<td>2.3%</td>
</tr>
</tbody>
</table>

[1] The median revenue contribution ratios may not add to 100% due to variation in contribution ratios among the obligors.
## Appendix III: Private College and University Medians by Rating Category FY 2007 - FY 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sample Size</strong></td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

### Key Financial Statistics:
- **Debt Outstanding ($'000)**
  - 2007: $605,935
  - 2008: $808,955
  - 2009: $821,375
  - 2010: $873,044
  - 2011: $848,805
- **Unrestricted Financial Resources ($'000)**
  - 2007: $3,819,237
  - 2008: $3,738,066
  - 2009: $2,163,705
  - 2010: $2,056,923
  - 2011: $2,776,027
- **Expendable Financial Resources ($'000)**
  - 2007: $5,523,393
  - 2008: $5,536,539
  - 2009: $3,874,804
  - 2010: $4,275,428
  - 2011: $5,370,802
- **Total Financial Resources ($'000)**
  - 2007: $6,459,805
  - 2008: $6,704,888
  - 2009: $5,096,020
  - 2010: $5,569,445
  - 2011: $6,757,518
- **Total Cash & Investments ($'000)**
  - 2007: $6,681,257
  - 2008: $7,079,664
  - 2009: $5,768,375
  - 2010: $6,296,540
  - 2011: $7,380,692
- **Operating Revenue ($'000)**
  - 2007: $1,194,189
  - 2008: $1,337,531
  - 2009: $1,439,583
  - 2010: $1,364,690
  - 2011: $1,393,516

### Market Data and Ratios:
- **Total Enrollment FTE**: 10,044, 10,173, 10,276, 10,429, 10,762
- **% Change Enrollment FTE**: 1.4%, 1.2%, 1.6%, 1.5%, 1.4%
- **Primary Selectivity (%)**: 17.3%, 15.6%, 16.1%, 15.3%, 13.1%
- **Primary Matriculation (%)**: 56.1%, 53.7%, 50.2%, 49.5%, 50.2%
- **Net Tuition Per Student ($)**: $19,834, $20,193, $19,667, $20,525, $21,505
- **% Change Net Tuition Per Student**: 5.2%, 3.9%, -1.4%, 2.4%, 4.8%
- **Educational Expenses Per Student ($)**: $68,335, $74,461, $77,496, $73,731, $75,435

### Capital Ratios:
- **Unrestricted Financial Resources-To-Direct Debt (x)**: 6.76, 5.49, 2.42, 2.37, 2.51
- **Expendable Financial Resources-To-Direct Debt (x)**: 9.29, 7.58, 4.20, 4.36, 5.36
- **Total Financial Resources-To-Direct Debt (x)**: 11.02, 9.14, 5.19, 5.41, 6.30
- **Total Cash & Investments-To-Direct Debt (x)**: 11.03, 9.72, 5.56, 5.79, 6.77
- **Direct Debt-To-Cash Flow (x)**: 3.57, 3.84, 5.37, 4.56, 4.88
- **Debt to Operating Revenues (%)**: .69, .86, .88, .92, 1.06
- **Direct Debt-To-Total Capitalization (%)**: 7.8%, 9.1%, 14.7%, 14.3%, 12.6%
- **Debt Service To Operations (%)**: 3.7%, 3.6%, 3.8%, 5.0%, 5.5%
- **MADS To Operations (%)**: 7.9%, 7.4%, 10.6%, 10.6%, 10.8%
- **Variable Rate Exposure - Before Swaps (%)**: 41.0%, 46.0%, 34.1%, 27.6%, 27.2%
- **Monthly Liquidity To Demand Debt (%)**
  - Aaa: N/A, N/A, 457.6%, 589.5%, 730.1%
  - N/A, N/A, 653.7%, 817.9%, 1088.1%

**Capital Spending Ratio (x)**: 1.86, 2.29, 2.55, 1.91, 1.59
### U.S. PUBLIC FINANCE

**SPECIAL COMMENT:** US PRIVATE COLLEGE AND UNIVERSITY MEDIAN UNDERSCORE REVENUE CHALLENGE AND MIXED OUTLOOK FOR SECTOR

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sample Size</strong></td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td><strong>Age Of Plant (Number Of Years) (x)</strong></td>
<td>9.43</td>
<td>9.51</td>
<td>9.72</td>
<td>10.04</td>
<td>10.15</td>
</tr>
</tbody>
</table>

**Balance Sheet Ratios:**

<table>
<thead>
<tr>
<th>Ratio</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted Financial Resources-To-Operations (x)</td>
<td>4.38</td>
<td>4.30</td>
<td>2.43</td>
<td>2.48</td>
<td>2.94</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Operations (x)</td>
<td>10.42</td>
<td>9.70</td>
<td>6.28</td>
<td>6.49</td>
<td>7.29</td>
</tr>
<tr>
<td>Free Expendable Financial Resources-To-Operations (x)</td>
<td>9.18</td>
<td>8.09</td>
<td>4.66</td>
<td>4.74</td>
<td>5.67</td>
</tr>
<tr>
<td>Monthly Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>655.3</td>
<td>519.7</td>
<td>495.5</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>997.5</td>
<td>1,143.3</td>
<td>1,261.0</td>
</tr>
<tr>
<td>Total Financial Resources-Per-Student ($)</td>
<td>$1,084,426</td>
<td>$1,002,227</td>
<td>$794,403</td>
<td>$874,103</td>
<td>$1,028,416</td>
</tr>
</tbody>
</table>

**Operating Ratios:**

<table>
<thead>
<tr>
<th>Ratio</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Margin (%)</td>
<td>11.8%</td>
<td>11.9%</td>
<td>12.7%</td>
<td>10.9%</td>
<td>10.8%</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>10.4%</td>
<td>11.1%</td>
<td>11.5%</td>
<td>12.3%</td>
<td>12.2%</td>
</tr>
<tr>
<td>Operating Margin Excluding Gifts (%)</td>
<td>0.9%</td>
<td>1.6%</td>
<td>1.5%</td>
<td>4.4%</td>
<td>2.4%</td>
</tr>
<tr>
<td>Operating Cash Flow Margin (%)</td>
<td>20.2%</td>
<td>21.7%</td>
<td>21.8%</td>
<td>19.9%</td>
<td>20.3%</td>
</tr>
<tr>
<td>Change In Net Tuition Revenue (%)</td>
<td>5.1%</td>
<td>4.5%</td>
<td>-1.7%</td>
<td>4.4%</td>
<td>6.9%</td>
</tr>
<tr>
<td>Debt Service Coverage (x)</td>
<td>6.67</td>
<td>7.07</td>
<td>5.98</td>
<td>5.60</td>
<td>4.67</td>
</tr>
<tr>
<td>MADS Coverage (x)</td>
<td>3.09</td>
<td>3.36</td>
<td>2.56</td>
<td>2.85</td>
<td>3.00</td>
</tr>
<tr>
<td>Average MADS Coverage (x)</td>
<td>2.70</td>
<td>2.84</td>
<td>2.72</td>
<td>2.71</td>
<td>2.79</td>
</tr>
<tr>
<td>Average Debt Service Coverage (x)</td>
<td>6.58</td>
<td>6.58</td>
<td>6.52</td>
<td>6.20</td>
<td>5.61</td>
</tr>
<tr>
<td>Average Gifts Per Student ($)</td>
<td>$17,668</td>
<td>$20,383</td>
<td>$19,741</td>
<td>$16,987</td>
<td>$18,731</td>
</tr>
<tr>
<td>Return On Net Assets (%)</td>
<td>19.7%</td>
<td>0.8%</td>
<td>-21.0%</td>
<td>8.0%</td>
<td>17.3%</td>
</tr>
<tr>
<td>Return On Financial Resources (%)</td>
<td>20.5%</td>
<td>1.2%</td>
<td>-23.5%</td>
<td>8.6%</td>
<td>19.1%</td>
</tr>
</tbody>
</table>

**Contribution Ratios:**

<table>
<thead>
<tr>
<th>Ratio</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Auxiliaries (%)</td>
<td>23.4%</td>
<td>23.1%</td>
<td>22.8%</td>
<td>23.6%</td>
<td>24.2%</td>
</tr>
<tr>
<td>Investment Income (%)</td>
<td>38.5%</td>
<td>40.4%</td>
<td>42.9%</td>
<td>42.2%</td>
<td>39.4%</td>
</tr>
<tr>
<td>Gifts (%)</td>
<td>8.7%</td>
<td>10.6%</td>
<td>8.4%</td>
<td>7.2%</td>
<td>7.9%</td>
</tr>
<tr>
<td>Grants and contracts (%)</td>
<td>15.0%</td>
<td>13.9%</td>
<td>13.7%</td>
<td>15.0%</td>
<td>16.4%</td>
</tr>
<tr>
<td>Other (%)</td>
<td>5.5%</td>
<td>6.3%</td>
<td>5.8%</td>
<td>5.9%</td>
<td>5.8%</td>
</tr>
</tbody>
</table>
U.S. PUBLIC FINANCE

JULY 27, 2012

SPECIAL COMMENT: US PRIVATE COLLEGE AND UNIVERSITY MEDIA NS UNDERSCORE REVENU E CHALLENGE AND MIXED OUTLOOK FOR SECTOR

Year 2007 2008 2009 2010 2011
Sample Size 51 51 51 51 51

Key Financial Statistics:

<table>
<thead>
<tr>
<th></th>
<th>Aa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Outstanding ($’000)</td>
<td>$164,435</td>
</tr>
<tr>
<td>Unrestricted Financial Resources ($’000)</td>
<td>$493,627</td>
</tr>
<tr>
<td>Expendable Financial Resources ($’000)</td>
<td>$677,004</td>
</tr>
<tr>
<td>Total Financial Resources ($’000)</td>
<td>$1,061,246</td>
</tr>
<tr>
<td>Total Cash &amp; Investments ($’000)</td>
<td>$1,044,237</td>
</tr>
<tr>
<td>Monthly Liquidty ($000)</td>
<td>N/A</td>
</tr>
<tr>
<td>Annual Liquidty ($000)</td>
<td>N/A</td>
</tr>
<tr>
<td>Operating Revenue ($’000)</td>
<td>$174,041</td>
</tr>
<tr>
<td>Total Expenses ($’000)</td>
<td>$169,272</td>
</tr>
<tr>
<td>Total Gift Revenue ($’000)</td>
<td>$46,533</td>
</tr>
<tr>
<td>Average Gift Revenue (3Yr Avg) ($’000)</td>
<td>$44,079</td>
</tr>
</tbody>
</table>

Market Data and Ratios:

<table>
<thead>
<tr>
<th></th>
<th>Aa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment FTE</td>
<td>2,822</td>
</tr>
<tr>
<td>% Change Enrollment FTE</td>
<td>1.0%</td>
</tr>
<tr>
<td>Primary Selectivity (%)</td>
<td>31.3%</td>
</tr>
<tr>
<td>Primary Matriculation (%)</td>
<td>34.7%</td>
</tr>
<tr>
<td>Net Tuition Per Student ($)</td>
<td>$21,726</td>
</tr>
<tr>
<td>% Change Net Tuition Per Student</td>
<td>6.2%</td>
</tr>
<tr>
<td>Educational Expenses Per Student ($)</td>
<td>$43,495</td>
</tr>
<tr>
<td>Total Tuition Discount (%)</td>
<td>32.6%</td>
</tr>
</tbody>
</table>

Capital Ratios:

<table>
<thead>
<tr>
<th></th>
<th>Aa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted Financial Resources-To-Direct Debt (x)</td>
<td>2.99</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Direct Debt (x)</td>
<td>4.35</td>
</tr>
<tr>
<td>Total Financial Resources-To-Direct Debt (x)</td>
<td>6.00</td>
</tr>
<tr>
<td>Total Cash &amp; Investments-To-Direct Debt (x)</td>
<td>5.83</td>
</tr>
<tr>
<td>Direct Debt-To-Cash Flow (x)</td>
<td>6.47</td>
</tr>
<tr>
<td>Debt to Operating Revenues (x)</td>
<td>.75</td>
</tr>
<tr>
<td>Direct Debt-To-Total Capitalization (%)</td>
<td>13.1%</td>
</tr>
<tr>
<td>Debt Service To Operations (%)</td>
<td>3.9%</td>
</tr>
<tr>
<td>MADS To Operations (%)</td>
<td>7.5%</td>
</tr>
<tr>
<td>Variable Rate Exposure - Before Swaps (%)</td>
<td>43.0%</td>
</tr>
<tr>
<td>Monthly Liquidty To Demand Debt (%)</td>
<td>N/A</td>
</tr>
<tr>
<td>Annual Liquidty To Demand Debt (%)</td>
<td>N/A</td>
</tr>
<tr>
<td>Capital Spending Ratio (x)</td>
<td>1.81</td>
</tr>
<tr>
<td>Age Of Plant (Number Of Years) (x)</td>
<td>10.93</td>
</tr>
</tbody>
</table>
### Balance Sheet Ratios:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>51</td>
<td>51</td>
<td>51</td>
<td>51</td>
<td>51</td>
</tr>
<tr>
<td>Unrestricted Financial Resources-To-Operations (x)</td>
<td>2.18</td>
<td>1.98</td>
<td>.83</td>
<td>.93</td>
<td>1.12</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Operations (x)</td>
<td>3.94</td>
<td>3.41</td>
<td>2.31</td>
<td>2.50</td>
<td>2.83</td>
</tr>
<tr>
<td>Free Expendable Financial Resources-To-Operations (x)</td>
<td>3.08</td>
<td>2.40</td>
<td>1.31</td>
<td>1.36</td>
<td>1.85</td>
</tr>
<tr>
<td>Monthly Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>387.2</td>
<td>425.8</td>
<td>425.5</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>424.0</td>
<td>460.1</td>
<td>519.7</td>
</tr>
<tr>
<td>Total Financial Resources-Per-Student ($)</td>
<td>$320,460</td>
<td>$329,643</td>
<td>$250,147</td>
<td>$263,420</td>
<td>$310,029</td>
</tr>
</tbody>
</table>

### Operating Ratios:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Margin (%)</td>
<td>3.6%</td>
<td>4.7%</td>
<td>4.4%</td>
<td>6.5%</td>
<td>5.4%</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>3.5%</td>
<td>4.3%</td>
<td>4.3%</td>
<td>5.2%</td>
<td>4.8%</td>
</tr>
<tr>
<td>Operating Margin Excluding Gifts (%)</td>
<td>-5.5%</td>
<td>-4.3%</td>
<td>-3.9%</td>
<td>-2.1%</td>
<td>-5.0%</td>
</tr>
<tr>
<td>Operating Cash Flow Margin (%)</td>
<td>14.5%</td>
<td>13.6%</td>
<td>14.6%</td>
<td>15.7%</td>
<td>15.2%</td>
</tr>
<tr>
<td>Change In Net Tuition Revenue (%)</td>
<td>6.5%</td>
<td>6.3%</td>
<td>3.9%</td>
<td>3.3%</td>
<td>4.4%</td>
</tr>
<tr>
<td>Debt Service Coverage (x)</td>
<td>3.10</td>
<td>3.52</td>
<td>3.42</td>
<td>3.86</td>
<td>3.41</td>
</tr>
<tr>
<td>MADS Coverage (x)</td>
<td>2.07</td>
<td>2.61</td>
<td>2.59</td>
<td>2.59</td>
<td>2.35</td>
</tr>
<tr>
<td>Average MADS Coverage (x)</td>
<td>2.00</td>
<td>2.23</td>
<td>2.43</td>
<td>2.64</td>
<td>2.54</td>
</tr>
<tr>
<td>Average Debt Service Coverage (x)</td>
<td>3.28</td>
<td>3.36</td>
<td>3.28</td>
<td>3.56</td>
<td>3.43</td>
</tr>
<tr>
<td>Average Gifts Per Student ($)</td>
<td>$12,648</td>
<td>$13,609</td>
<td>$13,084</td>
<td>$11,994</td>
<td>$10,242</td>
</tr>
<tr>
<td>Return On Net Assets (%)</td>
<td>15.9%</td>
<td>-0.7%</td>
<td>-19.0%</td>
<td>7.5%</td>
<td>14.9%</td>
</tr>
<tr>
<td>Return On Financial Resources (%)</td>
<td>17.3%</td>
<td>-2.3%</td>
<td>-21.6%</td>
<td>8.4%</td>
<td>16.4%</td>
</tr>
</tbody>
</table>

### Contribution Ratios:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Auxiliaries (%)</td>
<td>55.4%</td>
<td>54.6%</td>
<td>53.0%</td>
<td>52.5%</td>
<td>52.6%</td>
</tr>
<tr>
<td>Investment Income (%)</td>
<td>19.1%</td>
<td>20.8%</td>
<td>21.3%</td>
<td>20.1%</td>
<td>19.4%</td>
</tr>
<tr>
<td>Gifts (%)</td>
<td>8.6%</td>
<td>8.7%</td>
<td>8.7%</td>
<td>8.6%</td>
<td>8.3%</td>
</tr>
<tr>
<td>Grants and contracts (%)</td>
<td>2.5%</td>
<td>2.4%</td>
<td>2.3%</td>
<td>2.8%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Other (%)</td>
<td>3.1%</td>
<td>3.2%</td>
<td>3.3%</td>
<td>2.9%</td>
<td>3.1%</td>
</tr>
</tbody>
</table>
### Key Financial Statistics:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>109</td>
<td>109</td>
<td>109</td>
<td>109</td>
<td>109</td>
</tr>
<tr>
<td>Debt Outstanding ($'000)</td>
<td>$107,041</td>
<td>$112,572</td>
<td>$117,185</td>
<td>$117,309</td>
<td>$114,065</td>
</tr>
<tr>
<td>Unrestricted Financial Resources ($'000)</td>
<td>$144,252</td>
<td>$129,693</td>
<td>$69,900</td>
<td>$78,179</td>
<td>$92,294</td>
</tr>
<tr>
<td>Expendable Financial Resources ($'000)</td>
<td>$207,539</td>
<td>$193,627</td>
<td>$125,071</td>
<td>$145,375</td>
<td>$178,806</td>
</tr>
<tr>
<td>Total Financial Resources ($'000)</td>
<td>$283,638</td>
<td>$280,823</td>
<td>$216,101</td>
<td>$239,943</td>
<td>$275,784</td>
</tr>
<tr>
<td>Total Cash &amp; Investments ($'000)</td>
<td>$309,004</td>
<td>$302,123</td>
<td>$238,585</td>
<td>$267,421</td>
<td>$295,035</td>
</tr>
<tr>
<td>Monthly Liquidity ($'000)</td>
<td>N/A</td>
<td>N/A</td>
<td>$94,437</td>
<td>$108,616</td>
<td>$128,641</td>
</tr>
<tr>
<td>Annual Liquidity ($'000)</td>
<td>N/A</td>
<td>N/A</td>
<td>$97,285</td>
<td>$117,081</td>
<td>$138,634</td>
</tr>
<tr>
<td>Operating Revenue ($'000)</td>
<td>$128,260</td>
<td>$139,552</td>
<td>$145,788</td>
<td>$149,072</td>
<td>$156,764</td>
</tr>
<tr>
<td>Total Expenses ($'000)</td>
<td>$115,510</td>
<td>$127,147</td>
<td>$124,735</td>
<td>$132,809</td>
<td>$142,049</td>
</tr>
<tr>
<td>Total Gift Revenue ($'000)</td>
<td>$16,964</td>
<td>$16,089</td>
<td>$11,220</td>
<td>$13,342</td>
<td>$14,885</td>
</tr>
<tr>
<td>Average Gift Revenue (3Yr Avg) ($'000)</td>
<td>$15,986</td>
<td>$16,684</td>
<td>$16,189</td>
<td>$14,310</td>
<td>$12,999</td>
</tr>
</tbody>
</table>

### Market Data and Ratios:

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment FTE</td>
<td>3,687</td>
</tr>
<tr>
<td>% Change Enrollment FTE</td>
<td>0.9%</td>
</tr>
<tr>
<td>Primary Selectivity (%)</td>
<td>55.7%</td>
</tr>
<tr>
<td>Primary Matriculation (%)</td>
<td>28.3%</td>
</tr>
<tr>
<td>Net Tuition Per Student ($)</td>
<td>$19,166</td>
</tr>
<tr>
<td>% Change Net Tuition Per Student</td>
<td>6.4%</td>
</tr>
<tr>
<td>Educational Expenses Per Student ($)</td>
<td>$25,677</td>
</tr>
<tr>
<td>Total Tuition Discount (%)</td>
<td>28.8%</td>
</tr>
</tbody>
</table>

### Capital Ratios:

<table>
<thead>
<tr>
<th>Ratio</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted Financial Resources-To-Direct Debt (x)</td>
<td>1.47</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Direct Debt (x)</td>
<td>1.86</td>
</tr>
<tr>
<td>Total Financial Resources-To-Direct Debt (x)</td>
<td>2.73</td>
</tr>
<tr>
<td>Total Cash &amp; Investments-To-Direct Debt (x)</td>
<td>2.89</td>
</tr>
<tr>
<td>Direct Debt-To-Cash Flow (x)</td>
<td>5.54</td>
</tr>
<tr>
<td>Debt to Operating Revenues (x)</td>
<td>.71</td>
</tr>
<tr>
<td>Direct Debt-To-Total Capitalization (%)</td>
<td>21.2%</td>
</tr>
<tr>
<td>Debt Service To Operations (%)</td>
<td>5.0%</td>
</tr>
<tr>
<td>MADS To Operations (%)</td>
<td>6.2%</td>
</tr>
<tr>
<td>Variable Rate Exposure - Before Swaps (%)</td>
<td>34.0%</td>
</tr>
<tr>
<td>Monthly Liquidity To Demand Debt (%)</td>
<td>N/A</td>
</tr>
<tr>
<td>Annual Liquidity To Demand Debt (%)</td>
<td>N/A</td>
</tr>
<tr>
<td>Capital Spending Ratio (x)</td>
<td>2.10</td>
</tr>
<tr>
<td>Age Of Plant (Number Of Years) (x)</td>
<td>11.04</td>
</tr>
</tbody>
</table>
### Balance Sheet Ratios:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>109</td>
<td>109</td>
<td>109</td>
<td>109</td>
<td>109</td>
</tr>
<tr>
<td>Unrestricted Financial Resources-To-Operations (x)</td>
<td>1.14</td>
<td>.90</td>
<td>.50</td>
<td>.54</td>
<td>.60</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Operations (x)</td>
<td>1.48</td>
<td>1.26</td>
<td>.81</td>
<td>.93</td>
<td>1.10</td>
</tr>
<tr>
<td>Free Expendable Financial Resources-To-Operations (x)</td>
<td>.60</td>
<td>.47</td>
<td>.03</td>
<td>.12</td>
<td>.31</td>
</tr>
<tr>
<td>Monthly Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>251.1</td>
<td>281.9</td>
<td>290.6</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (x)</td>
<td>N/A</td>
<td>N/A</td>
<td>264.3</td>
<td>290.8</td>
<td>317.4</td>
</tr>
<tr>
<td>Total Financial Resources-Per-Student ($)</td>
<td>$67,405</td>
<td>$65,834</td>
<td>$46,843</td>
<td>$49,654</td>
<td>$59,142</td>
</tr>
</tbody>
</table>

### Operating Ratios:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Margin (%)</td>
<td>4.6%</td>
<td>5.0%</td>
<td>4.4%</td>
<td>5.0%</td>
<td>4.7%</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>4.1%</td>
<td>4.4%</td>
<td>4.8%</td>
<td>4.9%</td>
<td>4.2%</td>
</tr>
<tr>
<td>Operating Margin Excluding Gifts (%)</td>
<td>-1.3%</td>
<td>-1.3%</td>
<td>-1.5%</td>
<td>-0.3%</td>
<td>-0.8%</td>
</tr>
<tr>
<td>Operating Cash Flow Margin (%)</td>
<td>14.2%</td>
<td>14.7%</td>
<td>14.3%</td>
<td>14.4%</td>
<td>14.0%</td>
</tr>
<tr>
<td>Change In Net Tuition Revenue (%)</td>
<td>7.1%</td>
<td>7.0%</td>
<td>5.9%</td>
<td>3.5%</td>
<td>4.6%</td>
</tr>
<tr>
<td>Debt Service Coverage (x)</td>
<td>3.14</td>
<td>3.24</td>
<td>2.96</td>
<td>3.18</td>
<td>3.11</td>
</tr>
<tr>
<td>MADS Coverage (x)</td>
<td>2.51</td>
<td>2.59</td>
<td>2.45</td>
<td>2.34</td>
<td>2.24</td>
</tr>
<tr>
<td>Average MADS Coverage (x)</td>
<td>2.22</td>
<td>2.45</td>
<td>2.55</td>
<td>2.35</td>
<td>2.21</td>
</tr>
<tr>
<td>Average Debt Service Coverage (x)</td>
<td>3.07</td>
<td>3.02</td>
<td>2.97</td>
<td>3.00</td>
<td>2.99</td>
</tr>
<tr>
<td>Average Gifts Per Student ($)</td>
<td>$3,705</td>
<td>$4,025</td>
<td>$3,818</td>
<td>$3,476</td>
<td>$3,309</td>
</tr>
<tr>
<td>Return On Net Assets (%)</td>
<td>14.2%</td>
<td>-1.0%</td>
<td>-15.8%</td>
<td>7.5%</td>
<td>13.4%</td>
</tr>
<tr>
<td>Return On Financial Resources (%)</td>
<td>16.6%</td>
<td>-3.4%</td>
<td>-22.2%</td>
<td>9.5%</td>
<td>17.1%</td>
</tr>
</tbody>
</table>

### Contribution Ratios:

<table>
<thead>
<tr>
<th>Year</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Auxiliaries (%)</td>
<td>73.3%</td>
<td>73.2%</td>
<td>74.1%</td>
<td>74.7%</td>
<td>76.1%</td>
</tr>
<tr>
<td>Investment Income (%)</td>
<td>7.9%</td>
<td>8.3%</td>
<td>8.4%</td>
<td>8.2%</td>
<td>7.5%</td>
</tr>
<tr>
<td>Gifts (%)</td>
<td>5.9%</td>
<td>5.9%</td>
<td>4.8%</td>
<td>5.0%</td>
<td>5.1%</td>
</tr>
<tr>
<td>Grants and contracts (%)</td>
<td>2.9%</td>
<td>2.6%</td>
<td>2.4%</td>
<td>2.4%</td>
<td>2.6%</td>
</tr>
<tr>
<td>Other (%)</td>
<td>2.6%</td>
<td>2.7%</td>
<td>2.5%</td>
<td>2.2%</td>
<td>2.2%</td>
</tr>
<tr>
<td>Year</td>
<td>2007</td>
<td>2008</td>
<td>2009</td>
<td>2010</td>
<td>2011</td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>Sample Size</td>
<td>77</td>
<td>77</td>
<td>77</td>
<td>77</td>
<td>77</td>
</tr>
</tbody>
</table>

**Key Financial Statistics:**

<table>
<thead>
<tr>
<th></th>
<th>Baa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Outstanding ($'000)</td>
<td>$43,063</td>
</tr>
<tr>
<td>Unrestricted Financial Resources ($'000)</td>
<td>$33,689</td>
</tr>
<tr>
<td>Expendable Financial Resources ($'000)</td>
<td>$44,336</td>
</tr>
<tr>
<td>Total Financial Resources ($'000)</td>
<td>$71,024</td>
</tr>
<tr>
<td>Total Cash &amp; Investments ($'000)</td>
<td>$82,356</td>
</tr>
<tr>
<td>Monthly Liquidity ($000)</td>
<td>N/A</td>
</tr>
<tr>
<td>Annual Liquidity ($000)</td>
<td>N/A</td>
</tr>
<tr>
<td>Operating Revenue ($'000)</td>
<td>$61,681</td>
</tr>
<tr>
<td>Total Expenses ($'000)</td>
<td>$57,097</td>
</tr>
<tr>
<td>Total Gift Revenue ($'000)</td>
<td>$6,459</td>
</tr>
<tr>
<td>Average Gift Revenue (3Yr Avg) ($'000)</td>
<td>$6,226</td>
</tr>
</tbody>
</table>

**Market Data and Ratios:**

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment FTE</td>
<td>2,926</td>
<td>2,943</td>
<td>3,016</td>
<td>3,021</td>
<td>3,075</td>
</tr>
<tr>
<td>% Change Enrollment FTE</td>
<td>2.0%</td>
<td>1.9%</td>
<td>1.3%</td>
<td>1.7%</td>
<td>0.3%</td>
</tr>
<tr>
<td>Primary Selectivity (%)</td>
<td>65.0%</td>
<td>64.8%</td>
<td>67.5%</td>
<td>66.2%</td>
<td>67.0%</td>
</tr>
<tr>
<td>Primary Matriculation (%)</td>
<td>29.7%</td>
<td>29.2%</td>
<td>27.0%</td>
<td>26.4%</td>
<td>24.2%</td>
</tr>
<tr>
<td>Net Tuition Per Student ($)</td>
<td>$15,771</td>
<td>$16,562</td>
<td>$17,136</td>
<td>$17,548</td>
<td>$18,216</td>
</tr>
<tr>
<td>% Change Net Tuition Per Student</td>
<td>5.3%</td>
<td>4.4%</td>
<td>4.7%</td>
<td>2.0%</td>
<td>3.3%</td>
</tr>
<tr>
<td>Educational Expenses Per Student ($)</td>
<td>$19,478</td>
<td>$19,955</td>
<td>$20,932</td>
<td>$20,777</td>
<td>$21,531</td>
</tr>
<tr>
<td>Total Tuition Discount (%)</td>
<td>25.8%</td>
<td>26.5%</td>
<td>27.5%</td>
<td>29.6%</td>
<td>29.5%</td>
</tr>
</tbody>
</table>

**Capital Ratios:**

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted Financial Resources-To-Direct Debt (x)</td>
<td>.74</td>
<td>.58</td>
<td>.31</td>
<td>.42</td>
<td>.45</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Direct Debt (x)</td>
<td>.91</td>
<td>.75</td>
<td>.47</td>
<td>.60</td>
<td>.69</td>
</tr>
<tr>
<td>Total Financial Resources-To-Direct Debt (x)</td>
<td>1.64</td>
<td>1.42</td>
<td>1.02</td>
<td>1.13</td>
<td>1.28</td>
</tr>
<tr>
<td>Total Cash &amp; Investments-To-Direct Debt (x)</td>
<td>1.79</td>
<td>1.55</td>
<td>1.23</td>
<td>1.38</td>
<td>1.42</td>
</tr>
<tr>
<td>Direct Debt-To-Cash Flow (x)</td>
<td>5.26</td>
<td>5.70</td>
<td>6.83</td>
<td>6.21</td>
<td>6.03</td>
</tr>
<tr>
<td>Debt to Operating Revenues (x)</td>
<td>.68</td>
<td>.72</td>
<td>.72</td>
<td>.70</td>
<td>.68</td>
</tr>
<tr>
<td>Direct Debt-To-Total Capitalization (%)</td>
<td>29.8%</td>
<td>31.5%</td>
<td>34.4%</td>
<td>34.2%</td>
<td>31.7%</td>
</tr>
<tr>
<td>Debt Service To Operations (%)</td>
<td>5.0%</td>
<td>5.2%</td>
<td>5.1%</td>
<td>5.2%</td>
<td>5.4%</td>
</tr>
<tr>
<td>MADS To Operations (%)</td>
<td>6.6%</td>
<td>6.3%</td>
<td>5.9%</td>
<td>6.0%</td>
<td>6.6%</td>
</tr>
<tr>
<td>Variable Rate Exposure - Before Swaps (%)</td>
<td>12.0%</td>
<td>7.0%</td>
<td>16.4%</td>
<td>19.0%</td>
<td>11.0%</td>
</tr>
<tr>
<td>Monthly Liquidity To Demand Debt (%)</td>
<td>N/A</td>
<td>N/A</td>
<td>102.9%</td>
<td>128.9%</td>
<td>163.8%</td>
</tr>
<tr>
<td>Annual Liquidity To Demand Debt (%)</td>
<td>N/A</td>
<td>N/A</td>
<td>113.6%</td>
<td>129.7%</td>
<td>178.2%</td>
</tr>
<tr>
<td>Capital Spending Ratio (x)</td>
<td>1.82</td>
<td>2.04</td>
<td>1.81</td>
<td>.95</td>
<td>1.13</td>
</tr>
<tr>
<td>Age Of Plant (Number Of Years) (x)</td>
<td>10.94</td>
<td>11.29</td>
<td>11.20</td>
<td>11.55</td>
<td>12.02</td>
</tr>
</tbody>
</table>
### SPECIAL COMMENT: US PRIVATE COLLEGE AND UNIVERSITY MEDIA NS UNDERSCORE REVENU E CHALLENGE AND MIXE D OUTLOOK FOR SECTOR

<table>
<thead>
<tr>
<th>Year</th>
<th>Baa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Size</td>
<td>77</td>
</tr>
<tr>
<td></td>
<td>2007</td>
</tr>
<tr>
<td>Balance Sheet Ratios:</td>
<td></td>
</tr>
<tr>
<td>Unrestricted Financial Resources-To-Operations (x)</td>
<td>.56</td>
</tr>
<tr>
<td>Expendable Financial Resources-To-Operations (x)</td>
<td>.64</td>
</tr>
<tr>
<td>Free Expendable Financial Resources-To-Operations (x)</td>
<td>.02</td>
</tr>
<tr>
<td>Monthly Days Cash On Hand (x)</td>
<td>N/A</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (x)</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Financial Resources-Per-Student ($)</td>
<td>$23,942</td>
</tr>
<tr>
<td>Operating Ratios:</td>
<td></td>
</tr>
<tr>
<td>Operating Margin (%)</td>
<td>4.5%</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>3.8%</td>
</tr>
<tr>
<td>Operating Margin Excluding Gifts (%)</td>
<td>-1.1%</td>
</tr>
<tr>
<td>Operating Cash Flow Margin (%)</td>
<td>13.1%</td>
</tr>
<tr>
<td>Change In Net Tuition Revenue (%)</td>
<td>6.6%</td>
</tr>
<tr>
<td>Debt Service Coverage (x)</td>
<td>3.02</td>
</tr>
<tr>
<td>MADS Coverage (x)</td>
<td>2.15</td>
</tr>
<tr>
<td>Average MADS Coverage (x)</td>
<td>1.92</td>
</tr>
<tr>
<td>Average Debt Service Coverage (x)</td>
<td>2.78</td>
</tr>
<tr>
<td>Average Gifts Per Student ($)</td>
<td>$2,043</td>
</tr>
<tr>
<td>Return On Net Assets (%)</td>
<td>12.8%</td>
</tr>
<tr>
<td>Return On Financial Resources (%)</td>
<td>15.4%</td>
</tr>
<tr>
<td>Contribution Ratios:</td>
<td></td>
</tr>
<tr>
<td>Tuition and Auxiliaries (%)</td>
<td>85.1%</td>
</tr>
<tr>
<td>Investment Income (%)</td>
<td>4.3%</td>
</tr>
<tr>
<td>Gifts (%)</td>
<td>5.7%</td>
</tr>
<tr>
<td>Grants and contracts (%)</td>
<td>1.4%</td>
</tr>
<tr>
<td>Other (%)</td>
<td>1.8%</td>
</tr>
</tbody>
</table>
### Appendix IV: Moody’s Private College and University Ratings and Outlooks by State (as of July 23, 2012)

<table>
<thead>
<tr>
<th>State</th>
<th>Institution</th>
<th>Rating</th>
<th>Outlook</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alabama</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Birmingham-Southern College</td>
<td>Caa2</td>
<td>Negative</td>
<td>AL</td>
</tr>
<tr>
<td></td>
<td>Samford University</td>
<td>A3</td>
<td>Negative</td>
<td>AL</td>
</tr>
<tr>
<td><strong>California</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Biola University</td>
<td>Baa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>California College of the Arts</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>California Institute of Technology</td>
<td>Aa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>California Lutheran University</td>
<td>Baa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>California Western School of Law</td>
<td>Baa1</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Chapman University</td>
<td>A2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Claremont Graduate University</td>
<td>A3</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Claremont Mckenna College</td>
<td>Aa2</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Claremont University Consortium</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Dominican University of California</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Golden Gate University</td>
<td>Baa3</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Harvey Mudd College</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Loma Linda University</td>
<td>A3</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Loyola Marymount University</td>
<td>A2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Mills College</td>
<td>Baa2</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Occidental College</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Otis College of Art and Design</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Pepperdine University</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Pitzer College</td>
<td>A3</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Point Loma Nazarene University</td>
<td>Baa2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Pomona College</td>
<td>Aaa</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Santa Clara University</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Scripps College</td>
<td>A1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Southern California University of Health Sciences</td>
<td>B1</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Southwestern Law School</td>
<td>Baa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>St. Mary’s College of California</td>
<td>Baa1</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Stanford University</td>
<td>Aaa</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>University of La Verne</td>
<td>Baa2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>University of Redlands</td>
<td>A3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>University of San Diego</td>
<td>A2</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>University of San Francisco</td>
<td>A3</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>University of Southern California</td>
<td>Aa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>University of The Pacific</td>
<td>A2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Woodbury University</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>State</td>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>Abbreviation</td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------</td>
<td>--------</td>
<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Colorado</td>
<td>Colorado College</td>
<td>Aa3</td>
<td>Stable</td>
<td>CO</td>
</tr>
<tr>
<td></td>
<td>University of Denver</td>
<td>A1</td>
<td>Stable</td>
<td>CO</td>
</tr>
<tr>
<td>Connecticut</td>
<td>Connecticut College</td>
<td>A2</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>Fairfield University</td>
<td>A3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>Quinnipiac University</td>
<td>A3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>Sacred Heart University</td>
<td>Baa2</td>
<td>Positive</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>Trinity College</td>
<td>A1</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>University of Hartford</td>
<td>Baa3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>Wesleyan University</td>
<td>Aa3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td></td>
<td>Yale University</td>
<td>Aaa</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>American University</td>
<td>A2</td>
<td>Positive</td>
<td>DC</td>
</tr>
<tr>
<td></td>
<td>Catholic University of America</td>
<td>A2</td>
<td>Stable</td>
<td>DC</td>
</tr>
<tr>
<td></td>
<td>Gallaudet University</td>
<td>A2</td>
<td>Stable</td>
<td>DC</td>
</tr>
<tr>
<td></td>
<td>George Washington University</td>
<td>A1</td>
<td>Stable</td>
<td>DC</td>
</tr>
<tr>
<td></td>
<td>Georgetown University</td>
<td>A3</td>
<td>Positive</td>
<td>DC</td>
</tr>
<tr>
<td></td>
<td>Howard University</td>
<td>A3</td>
<td>Negative</td>
<td>DC</td>
</tr>
<tr>
<td>Florida</td>
<td>Embry-Riddle Aeronautical University</td>
<td>Baa2</td>
<td>Stable</td>
<td>FL</td>
</tr>
<tr>
<td></td>
<td>Nova Southeastern University</td>
<td>Baa2</td>
<td>Positive</td>
<td>FL</td>
</tr>
<tr>
<td></td>
<td>Rollins College</td>
<td>A1</td>
<td>Negative</td>
<td>FL</td>
</tr>
<tr>
<td></td>
<td>Stetson University</td>
<td>A3</td>
<td>Stable</td>
<td>FL</td>
</tr>
<tr>
<td></td>
<td>University of Miami</td>
<td>A3</td>
<td>Stable</td>
<td>FL</td>
</tr>
<tr>
<td>Georgia</td>
<td>Agnes Scott College</td>
<td>A2</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td></td>
<td>Clark Atlanta University</td>
<td>Ba1</td>
<td>Negative</td>
<td>GA</td>
</tr>
<tr>
<td></td>
<td>Emory University</td>
<td>Aa2</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td></td>
<td>Life University</td>
<td>Ba3</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td></td>
<td>Mercer University</td>
<td>Baa2</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td></td>
<td>Morehouse College</td>
<td>A2</td>
<td>Negative</td>
<td>GA</td>
</tr>
<tr>
<td></td>
<td>Spelman College</td>
<td>A1</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td>Iowa</td>
<td>Central College</td>
<td>Baa3</td>
<td>Stable</td>
<td>IA</td>
</tr>
<tr>
<td></td>
<td>Grinnell College</td>
<td>Aaa</td>
<td>Stable</td>
<td>IA</td>
</tr>
<tr>
<td>Illinois</td>
<td>Augustaana College</td>
<td>Baa1</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td></td>
<td>Depaul University</td>
<td>A3</td>
<td>Positive</td>
<td>IL</td>
</tr>
<tr>
<td></td>
<td>Illinois Institute of Technology</td>
<td>Baa3</td>
<td>Negative</td>
<td>IL</td>
</tr>
<tr>
<td></td>
<td>Illinois Wesleyan University</td>
<td>Baa1</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>State</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>----------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>Lake Forest College</td>
<td>Baa3</td>
<td>Negative</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td>Loyola University of Chicago</td>
<td>A2</td>
<td>Stable</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td>Monmouth College</td>
<td>Baa1</td>
<td>Negative</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td>Northwestern University</td>
<td>Aaa</td>
<td>Stable</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td>Roosevelt University</td>
<td>Baa2</td>
<td>Negative</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td>University of Chicago</td>
<td>Aa1</td>
<td>Stable</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td>Wheaton College</td>
<td>Aa3</td>
<td>Stable</td>
<td>IL</td>
<td></td>
</tr>
<tr>
<td><strong>Indiana</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DePauw University</td>
<td>A3</td>
<td>Stable</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>Earlham College</td>
<td>A1</td>
<td>Negative</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>Hanover College</td>
<td>Baa1</td>
<td>Negative</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>Rose-Hulman Institute of Technology</td>
<td>A1</td>
<td>Stable</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>St. Mary’s College</td>
<td>A3</td>
<td>Stable</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>Taylor University</td>
<td>Baa1</td>
<td>Stable</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>University of Notre Dame du Lac</td>
<td>Aaa</td>
<td>Stable</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td>Valparaiso University</td>
<td>A2</td>
<td>Stable</td>
<td>IN</td>
<td></td>
</tr>
<tr>
<td><strong>Kentucky</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bellarmine University</td>
<td>Baa3</td>
<td>Stable</td>
<td>KY</td>
<td></td>
</tr>
<tr>
<td>Berea College</td>
<td>Aaa</td>
<td>Stable</td>
<td>KY</td>
<td></td>
</tr>
<tr>
<td>Centre College of Kentucky</td>
<td>A3</td>
<td>Negative</td>
<td>KY</td>
<td></td>
</tr>
<tr>
<td><strong>Louisiana</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loyola University</td>
<td>A2</td>
<td>Stable</td>
<td>LA</td>
<td></td>
</tr>
<tr>
<td>Tulane University</td>
<td>A2</td>
<td>Stable</td>
<td>LA</td>
<td></td>
</tr>
<tr>
<td><strong>Massachusetts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amherst College</td>
<td>Aaa</td>
<td>Negative</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Babson College</td>
<td>A3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Bentley University</td>
<td>A3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Berklee College of Music</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Boston College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Boston University</td>
<td>A2</td>
<td>Positive</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Brandeis University</td>
<td>A1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Clark University</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>College of The Holy Cross</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Emerson College</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Emmanuel College</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Franklin W. Olin College of Engineering</td>
<td>A1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Hampshire College</td>
<td>Baa2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Harvard University</td>
<td>Aaa</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Massachusetts College of Pharmacy &amp; Health Sciences</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>Aaa</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Merrimack College</td>
<td>Baa3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>Mount Holyoke College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>New England Conservatory</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Northeastern University</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Simmons College</td>
<td>Baa1</td>
<td>Positive</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Smith College</td>
<td>Aa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Springfield College</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Stonehill College</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Suffolk University</td>
<td>Baa2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Tufts University</td>
<td>Aa2</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Wellesley College</td>
<td>Aa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Wentworth Institute of Technology</td>
<td>Baa1</td>
<td>Negative</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Wheaton College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Williams College</td>
<td>Aa1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td>Worcester Polytechnic Institute</td>
<td>A1</td>
<td>Stable</td>
<td>MA</td>
<td></td>
</tr>
<tr>
<td><strong>Maryland</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>Aa2</td>
<td>Stable</td>
<td>MD</td>
<td></td>
</tr>
<tr>
<td>Loyola University</td>
<td>A2</td>
<td>Stable</td>
<td>MD</td>
<td></td>
</tr>
<tr>
<td>Maryland Institute</td>
<td>Baa1</td>
<td>Stable</td>
<td>MD</td>
<td></td>
</tr>
<tr>
<td>Mount Saint Mary's University</td>
<td>Ba2</td>
<td>Negative</td>
<td>MD</td>
<td></td>
</tr>
<tr>
<td><strong>Maine</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bowdoin College</td>
<td>Aa2</td>
<td>Stable</td>
<td>ME</td>
<td></td>
</tr>
<tr>
<td>Colby College</td>
<td>Aa2</td>
<td>Stable</td>
<td>ME</td>
<td></td>
</tr>
<tr>
<td><strong>Michigan</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alma College</td>
<td>A3</td>
<td>Stable</td>
<td>MI</td>
<td></td>
</tr>
<tr>
<td>College For Creative Studies</td>
<td>Baa3</td>
<td>Positive</td>
<td>MI</td>
<td></td>
</tr>
<tr>
<td>Hillsdale College</td>
<td>A2</td>
<td>Stable</td>
<td>MI</td>
<td></td>
</tr>
<tr>
<td>Kalamazoo College</td>
<td>A1</td>
<td>Stable</td>
<td>MI</td>
<td></td>
</tr>
<tr>
<td><strong>Minnesota</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Augsburg College</td>
<td>Baa3</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Carleton College</td>
<td>A2</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>College of Saint Benedict</td>
<td>Baa1</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>College of St. Scholastica</td>
<td>Baa2</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Concordia College</td>
<td>A3</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Gustavus Adolphus College</td>
<td>A3</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Hamline University</td>
<td>Baa2</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Macalester College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Minneapolis College of Art And Design</td>
<td>Baa2</td>
<td>Negative</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>St. Catherine University</td>
<td>Baa1</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>St. John's University (Order of St. Benedict)</td>
<td>A2</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>St. Mary's University</td>
<td>Baa1</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>St. Olaf College</td>
<td>A1</td>
<td>Stable</td>
<td>MN</td>
<td></td>
</tr>
</tbody>
</table>
## U.S. Public Finance

### Special Comment: US Private College and University Medians Underscore Revenue Challenge and Mixed Outlook for Sector

<table>
<thead>
<tr>
<th>University Name</th>
<th>Rating</th>
<th>Outlook</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of St. Thomas</td>
<td>A2</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td><strong>Missouri</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kansas City University of Medicine &amp; Biosciences</td>
<td>A1</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Maryville University of St. Louis</td>
<td>Baa2</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Ranken Technical College</td>
<td>A3</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Saint Louis University</td>
<td>A1</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Washington University</td>
<td>Aaa</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Webster University</td>
<td>A2</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td><strong>North Carolina</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duke University</td>
<td>Aa1</td>
<td>Stable</td>
<td>NC</td>
</tr>
<tr>
<td>Wake Forest University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NC</td>
</tr>
<tr>
<td><strong>Nebraska</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clarkson College</td>
<td>Aa3</td>
<td>Stable</td>
<td>NE</td>
</tr>
<tr>
<td>Creighton University</td>
<td>A3</td>
<td>Stable</td>
<td>NE</td>
</tr>
<tr>
<td><strong>New Hampshire</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dartmouth College</td>
<td>Aa1</td>
<td>Stable</td>
<td>NH</td>
</tr>
<tr>
<td>Franklin Pierce University</td>
<td>B1</td>
<td>Negative</td>
<td>NH</td>
</tr>
<tr>
<td>St. Anselm College</td>
<td>A3</td>
<td>Negative</td>
<td>NH</td>
</tr>
<tr>
<td><strong>New Jersey</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drew University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Georgian Court University</td>
<td>Baa1</td>
<td>RUR</td>
<td>NJ</td>
</tr>
<tr>
<td>Princeton Theological Seminary</td>
<td>Aa1</td>
<td>Negative</td>
<td>NJ</td>
</tr>
<tr>
<td>Princeton University</td>
<td>Aaa</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Rider University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Seton Hall University</td>
<td>A3</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Stevens Institute of Technology</td>
<td>Baa2</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td><strong>New York</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alfred University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Bard College</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Brooklyn Law School</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Canisius College</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Clarkson University</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Colgate University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>College of New Rochelle</td>
<td>Baa3</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>College of Saint Rose</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Columbia University</td>
<td>Aaa</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Cornell University</td>
<td>Aa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Culinary Institute of America</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Dowling College</td>
<td>Caa1</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Fordham University</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Hamilton College</td>
<td>Aa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>State</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>--------</td>
</tr>
<tr>
<td>Hartwick College</td>
<td>Ba1</td>
<td>Positive</td>
<td>NY</td>
</tr>
<tr>
<td>Hofstra University</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Iona College</td>
<td>Baa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Ithaca College</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Juilliard School (The)</td>
<td>Aa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Le Moyne College</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Lebanese American University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Long Island University</td>
<td>Baa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Marist College</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Marymount Manhattan College</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Mount Sinai School of Medicine</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Nazareth College of Rochester</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>New York Institute of Technology</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>New York Law School</td>
<td>A3</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>New York University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Pace University</td>
<td>Ba1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Pratt Institute</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Rensselaer Polytechnic Institute</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Rochester Institute of Technology</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Sage Colleges</td>
<td>B2</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Siena College</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Skidmore College</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>St. John’s University</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>St. Joseph’s College</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>St. Lawrence University</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Syracuse University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Teachers College of Columbia University</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>The New School</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Union College</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>University of Rochester</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Vassar College</td>
<td>Aa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Yeshiva University</td>
<td>A2</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td><strong>Ohio</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ashland University</td>
<td>Ba1</td>
<td>RUR</td>
<td>OH</td>
</tr>
<tr>
<td>Case Western Reserve University</td>
<td>A1</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>College of Wooster</td>
<td>A1</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Denison University</td>
<td>Aa3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>John Carroll University</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Kenyon College</td>
<td>A1</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>University of Mount Union</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Oberlin College</td>
<td>Aa2</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>Region</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>--------</td>
</tr>
<tr>
<td>Ohio Northern University</td>
<td>Baa2</td>
<td>Negative</td>
<td>OH</td>
</tr>
<tr>
<td>Otterbein College</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>University of Dayton</td>
<td>A2</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Wittenberg University</td>
<td>Ba2</td>
<td>Negative</td>
<td>OH</td>
</tr>
<tr>
<td>Xavier University</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td><strong>Oklahoma</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Tulsa</td>
<td>A2</td>
<td>Negative</td>
<td>OK</td>
</tr>
<tr>
<td><strong>Oregon</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lewis &amp; Clark College</td>
<td>A3</td>
<td>Negative</td>
<td>OR</td>
</tr>
<tr>
<td>Linfield College</td>
<td>Baa1</td>
<td>Stable</td>
<td>OR</td>
</tr>
<tr>
<td>Reed College</td>
<td>Aa2</td>
<td>Stable</td>
<td>OR</td>
</tr>
<tr>
<td><strong>Pennsylvania</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albright College</td>
<td>Ba1</td>
<td>Negative</td>
<td>PA</td>
</tr>
<tr>
<td>Allegheny College</td>
<td>A3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Bryn Mawr College</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Bucknell University</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Delaware Valley College of Science &amp; Agriculture</td>
<td>Baa3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Drexel University</td>
<td>A3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Duquesne University of the Holy Spirit</td>
<td>A2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Franklin &amp; Marshall College</td>
<td>A1</td>
<td>Positive</td>
<td>PA</td>
</tr>
<tr>
<td>Gannon University</td>
<td>Baa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Gettysburg College</td>
<td>A2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Haverford College</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Lafayette College</td>
<td>Aa3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Lehigh University</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Muhlenberg College</td>
<td>A1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Philadelphia University</td>
<td>Baa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Robert Morris University</td>
<td>Baa3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>St. Vincent College</td>
<td>Baa1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Susquehanna University</td>
<td>A2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Swarthmore College</td>
<td>Aaa</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Thomas Jefferson University</td>
<td>A1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>University of The Sciences In Philadelphia</td>
<td>A3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Villanova University</td>
<td>A1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td><strong>Puerto Rico</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of The Sacred Heart</td>
<td>Baa2</td>
<td>Stable</td>
<td>PR</td>
</tr>
<tr>
<td><strong>Rhode Island</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brown University</td>
<td>Aa1</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td>Bryant University</td>
<td>A2</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td>Providence College</td>
<td>A2</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>State</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>-------</td>
</tr>
<tr>
<td>Rhode Island School of Design</td>
<td>A1</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td><strong>South Carolina</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benedict College</td>
<td>B3</td>
<td>Stable</td>
<td>SC</td>
</tr>
<tr>
<td>Furman University</td>
<td>A1</td>
<td>Stable</td>
<td>SC</td>
</tr>
<tr>
<td><strong>Tennessee</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belmont University</td>
<td>Baa1</td>
<td>Stable</td>
<td>TN</td>
</tr>
<tr>
<td>Rhodes College</td>
<td>A1</td>
<td>Stable</td>
<td>TN</td>
</tr>
<tr>
<td>Vanderbilt University</td>
<td>Aa2</td>
<td>Stable</td>
<td>TN</td>
</tr>
<tr>
<td><strong>Texas</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abilene Christian University</td>
<td>A3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Rice University</td>
<td>Aaa</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Southern Methodist University</td>
<td>Aa3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Southwestern University</td>
<td>A1</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>St. Edward's University</td>
<td>Baa2</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Texas Christian University</td>
<td>Aa3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>University of Dallas</td>
<td>Baa3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td><strong>Virginia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bridgewater College</td>
<td>Baa2</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td>Liberty University</td>
<td>A1</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td>Regent University</td>
<td>Baa2</td>
<td>Negative</td>
<td>VA</td>
</tr>
<tr>
<td>University of Richmond</td>
<td>Aa1</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td>Washington And Lee University</td>
<td>Aa2</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td><strong>Vermont</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Middlebury College</td>
<td>Aa2</td>
<td>Stable</td>
<td>VT</td>
</tr>
<tr>
<td>Saint Michael's College</td>
<td>Baa1</td>
<td>Stable</td>
<td>VT</td>
</tr>
<tr>
<td>Vermont Law School</td>
<td>Baa2</td>
<td>Stable</td>
<td>VT</td>
</tr>
<tr>
<td><strong>Washington</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gonzaga University</td>
<td>A3</td>
<td>Stable</td>
<td>WA</td>
</tr>
<tr>
<td>University of Puget Sound</td>
<td>A1</td>
<td>Stable</td>
<td>WA</td>
</tr>
<tr>
<td>Whitman College</td>
<td>Aa3</td>
<td>Stable</td>
<td>WA</td>
</tr>
<tr>
<td>Whitworth University</td>
<td>Baa1</td>
<td>Negative</td>
<td>WA</td>
</tr>
<tr>
<td><strong>Wisconsin</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beloit College</td>
<td>Baa2</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Concordia University</td>
<td>Baa1</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Lawrence University</td>
<td>Baa1</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Marquette University</td>
<td>A2</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Medical College of Wisconsin</td>
<td>A1</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td><strong>West Virginia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mountain State University</td>
<td>B1</td>
<td>RUR</td>
<td>WV</td>
</tr>
</tbody>
</table>
Appendix V: Moody’s Private College and University Ratings and Outlooks by Rating Category (as of July 23, 2012)

<table>
<thead>
<tr>
<th>Rating</th>
<th>Institution</th>
<th>Rating</th>
<th>Industry</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aaa</td>
<td>Amherst College</td>
<td>Aaa</td>
<td>Negative</td>
<td>MA</td>
</tr>
<tr>
<td></td>
<td>Berea College</td>
<td>Aaa</td>
<td>Stable</td>
<td>KY</td>
</tr>
<tr>
<td></td>
<td>Columbia University</td>
<td>Aaa</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td></td>
<td>Grinnell College</td>
<td>Aaa</td>
<td>Stable</td>
<td>IA</td>
</tr>
<tr>
<td></td>
<td>Harvard University</td>
<td>Aaa</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td></td>
<td>Massachusetts Institute of Technology</td>
<td>Aaa</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td></td>
<td>Northwestern University</td>
<td>Aaa</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td></td>
<td>Pomona College</td>
<td>Aaa</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Princeton University</td>
<td>Aaa</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td></td>
<td>Rice University</td>
<td>Aaa</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td></td>
<td>Stanford University</td>
<td>Aaa</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Swarthmore College</td>
<td>Aaa</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td></td>
<td>University of Notre Dame du Lac</td>
<td>Aaa</td>
<td>Stable</td>
<td>IN</td>
</tr>
<tr>
<td></td>
<td>Washington University</td>
<td>Aaa</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td></td>
<td>Yale University</td>
<td>Aaa</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>Aa1</td>
<td>Brown University</td>
<td>Aa1</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td></td>
<td>California Institute of Technology</td>
<td>Aa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Cornell University</td>
<td>Aa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td></td>
<td>Dartmouth College</td>
<td>Aa1</td>
<td>Stable</td>
<td>NH</td>
</tr>
<tr>
<td></td>
<td>Duke University</td>
<td>Aa1</td>
<td>Stable</td>
<td>NC</td>
</tr>
<tr>
<td></td>
<td>Princeton Theological Seminary</td>
<td>Aa1</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td></td>
<td>Smith College</td>
<td>Aa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td></td>
<td>University of Chicago</td>
<td>Aa1</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td></td>
<td>University of Richmond</td>
<td>Aa1</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td></td>
<td>University of Southern California</td>
<td>Aa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Wellesley College</td>
<td>Aa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td></td>
<td>Williams College</td>
<td>Aa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Aa2</td>
<td>Bowdoin College</td>
<td>Aa2</td>
<td>Stable</td>
<td>ME</td>
</tr>
<tr>
<td></td>
<td>Bryn Mawr College</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td></td>
<td>Bucknell University</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td></td>
<td>Carleton College</td>
<td>Aa2</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td></td>
<td>Claremont McKenna College</td>
<td>Aa2</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Colby College</td>
<td>Aa2</td>
<td>Stable</td>
<td>ME</td>
</tr>
<tr>
<td></td>
<td>Emory University</td>
<td>Aa2</td>
<td>Stable</td>
<td>GA</td>
</tr>
</tbody>
</table>
### U.S. Private College and University Ratings

<table>
<thead>
<tr>
<th>Institution</th>
<th>Rating</th>
<th>Outlook</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hamilton College</td>
<td>Aa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Haverford College</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>Aa2</td>
<td>Stable</td>
<td>MD</td>
</tr>
<tr>
<td>Juilliard School (The)</td>
<td>Aa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Lehigh University</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Middlebury College</td>
<td>Aa2</td>
<td>Stable</td>
<td>VT</td>
</tr>
<tr>
<td>Oberlin College</td>
<td>Aa2</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Reed College</td>
<td>Aa2</td>
<td>Stable</td>
<td>OR</td>
</tr>
<tr>
<td>Tufts University</td>
<td>Aa2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>Aa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Vanderbilt University</td>
<td>Aa2</td>
<td>Stable</td>
<td>TN</td>
</tr>
<tr>
<td>Vassar College</td>
<td>Aa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Washington And Lee University</td>
<td>Aa2</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td><strong>Aa3</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boston College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Claremont University Consortium</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Clarkson College</td>
<td>Aa3</td>
<td>Stable</td>
<td>NE</td>
</tr>
<tr>
<td>Colgate University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>College of The Holy Cross</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Colorado College</td>
<td>Aa3</td>
<td>Stable</td>
<td>CO</td>
</tr>
<tr>
<td>Denison University</td>
<td>Aa3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Harvey Mudd College</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Lafayette College</td>
<td>Aa3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Macalester College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Mount Holyoke College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>New York University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Occidental College</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Pepperdine University</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Santa Clara University</td>
<td>Aa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Southern Methodist University</td>
<td>Aa3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Syracuse University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Texas Christian University</td>
<td>Aa3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>University of Rochester</td>
<td>Aa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Wake Forest University</td>
<td>Aa3</td>
<td>Stable</td>
<td>NC</td>
</tr>
<tr>
<td>Wesleyan University</td>
<td>Aa3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>Wheaton College</td>
<td>Aa3</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td>Wheaton College</td>
<td>Aa3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Whitman College</td>
<td>Aa3</td>
<td>Stable</td>
<td>WA</td>
</tr>
<tr>
<td><strong>A1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brandeis University</td>
<td>A1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Case Western Reserve University</td>
<td>A1</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>Location</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>College of Wooster</td>
<td>A1</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Earlham College</td>
<td>A1</td>
<td>Negative</td>
<td>IN</td>
</tr>
<tr>
<td>Franklin &amp; Marshall College</td>
<td>A1</td>
<td>Positive</td>
<td>PA</td>
</tr>
<tr>
<td>Franklin W. Olin College of Engineering</td>
<td>A1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Furman University</td>
<td>A1</td>
<td>Stable</td>
<td>SC</td>
</tr>
<tr>
<td>George Washington University</td>
<td>A1</td>
<td>Stable</td>
<td>DC</td>
</tr>
<tr>
<td>Kalamazoo College</td>
<td>A1</td>
<td>Stable</td>
<td>MI</td>
</tr>
<tr>
<td>Kansas City University of Medicine &amp; Biosciences</td>
<td>A1</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Kenyon College</td>
<td>A1</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Liberty University</td>
<td>A1</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td>Medical College of Wisconsin</td>
<td>A1</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Muhlenberg College</td>
<td>A1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Rhode Island School of Design</td>
<td>A1</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td>Rhodes College</td>
<td>A1</td>
<td>Stable</td>
<td>TN</td>
</tr>
<tr>
<td>Rochester Institute of Technology</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Rollins College</td>
<td>A1</td>
<td>Negative</td>
<td>FL</td>
</tr>
<tr>
<td>Rose-Hulman Institute of Technology</td>
<td>A1</td>
<td>Stable</td>
<td>IN</td>
</tr>
<tr>
<td>Saint Louis University</td>
<td>A1</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Scripps College</td>
<td>A1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Skidmore College</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Southwestern University</td>
<td>A1</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Spelman College</td>
<td>A1</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td>St. Olaf College</td>
<td>A1</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Teachers College of Columbia University</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Thomas Jefferson University</td>
<td>A1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Trinity College</td>
<td>A1</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>Union College</td>
<td>A1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>University of Denver</td>
<td>A1</td>
<td>Stable</td>
<td>CO</td>
</tr>
<tr>
<td>University of Puget Sound</td>
<td>A1</td>
<td>Stable</td>
<td>WA</td>
</tr>
<tr>
<td>Villanova University</td>
<td>A1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Worcester Polytechnic Institute</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
</tr>
</tbody>
</table>

**A2**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Rating</th>
<th>Outlook</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agnes Scott College</td>
<td>A2</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td>American University</td>
<td>A2</td>
<td>Positive</td>
<td>DC</td>
</tr>
<tr>
<td>Berklee College of Music</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Boston University</td>
<td>A2</td>
<td>Positive</td>
<td>MA</td>
</tr>
<tr>
<td>Bryant University</td>
<td>A2</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td>Catholic University of America</td>
<td>A2</td>
<td>Stable</td>
<td>DC</td>
</tr>
<tr>
<td>Chapman University</td>
<td>A2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Clark University</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Connecticut College</td>
<td>A2</td>
<td>Stable</td>
<td>CT</td>
</tr>
</tbody>
</table>
### U.S. Private College and University Ratings

<table>
<thead>
<tr>
<th>Institution Name</th>
<th>Rating</th>
<th>Outlook</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duquesne University of the Holy Spirit</td>
<td>A2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Fordham University</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Gallaudet University</td>
<td>A2</td>
<td>Stable</td>
<td>DC</td>
</tr>
<tr>
<td>Gettysburg College</td>
<td>A2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Hillsdale College</td>
<td>A2</td>
<td>Stable</td>
<td>MI</td>
</tr>
<tr>
<td>Ithaca College</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Loyola Marymount University</td>
<td>A2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Loyola University</td>
<td>A2</td>
<td>Stable</td>
<td>MD</td>
</tr>
<tr>
<td>Loyola University</td>
<td>A2</td>
<td>Stable</td>
<td>LA</td>
</tr>
<tr>
<td>Loyola University of Chicago</td>
<td>A2</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td>Marist College</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Marquette University</td>
<td>A2</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Massachusetts College of Pharmacy &amp; Health Sciences</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Morehouse College</td>
<td>A2</td>
<td>Negative</td>
<td>GA</td>
</tr>
<tr>
<td>Northeastern University</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Providence College</td>
<td>A2</td>
<td>Stable</td>
<td>RI</td>
</tr>
<tr>
<td>St. John's University (Order of St. Benedict)</td>
<td>A2</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>St. Lawrence University</td>
<td>A2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Stonehill College</td>
<td>A2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Susquehanna University</td>
<td>A2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Tulane University</td>
<td>A2</td>
<td>Stable</td>
<td>LA</td>
</tr>
<tr>
<td>University of Dayton</td>
<td>A2</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>University of San Diego</td>
<td>A2</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td>University of St. Thomas</td>
<td>A2</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>University of The Pacific</td>
<td>A2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>University of Tulsa</td>
<td>A2</td>
<td>Negative</td>
<td>OK</td>
</tr>
<tr>
<td>Valparaiso University</td>
<td>A2</td>
<td>Stable</td>
<td>IN</td>
</tr>
<tr>
<td>Webster University</td>
<td>A2</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Yeshiva University</td>
<td>A2</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Abilene Christian University</td>
<td>A3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Allegheny College</td>
<td>A3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Alma College</td>
<td>A3</td>
<td>Stable</td>
<td>MI</td>
</tr>
<tr>
<td>Babson College</td>
<td>A3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Bentley University</td>
<td>A3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Centre College of Kentucky</td>
<td>A3</td>
<td>Negative</td>
<td>KY</td>
</tr>
<tr>
<td>Claremont Graduate University</td>
<td>A3</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td>Clarkson University</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Concordia College</td>
<td>A3</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Creighton University</td>
<td>A3</td>
<td>Stable</td>
<td>NE</td>
</tr>
<tr>
<td>Depaul University</td>
<td>A3</td>
<td>Positive</td>
<td>IL</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>Location</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>----------</td>
</tr>
<tr>
<td>Depauw University</td>
<td>A3</td>
<td>Stable</td>
<td>IN</td>
</tr>
<tr>
<td>Drexel University</td>
<td>A3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Fairfield University</td>
<td>A3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>Georgetown University</td>
<td>A3</td>
<td>Positive</td>
<td>DC</td>
</tr>
<tr>
<td>Gonzaga University</td>
<td>A3</td>
<td>Stable</td>
<td>WA</td>
</tr>
<tr>
<td>Gustavus Adolphus College</td>
<td>A3</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Hofstra University</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Howard University</td>
<td>A3</td>
<td>Negative</td>
<td>DC</td>
</tr>
<tr>
<td>John Carroll University</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Lewis &amp; Clark College</td>
<td>A3</td>
<td>Negative</td>
<td>OR</td>
</tr>
<tr>
<td>Loma Linda University</td>
<td>A3</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td>Mount Sinai School of Medicine</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>New York Law School</td>
<td>A3</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Otterbein College</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>Pitzer College</td>
<td>A3</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td>Pratt Institute</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Quinnipiac University</td>
<td>A3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>Rensselaer Polytechnic Institute</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Samford University</td>
<td>A3</td>
<td>Negative</td>
<td>AL</td>
</tr>
<tr>
<td>Seton Hall University</td>
<td>A3</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Siena College</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>St. Anselm College</td>
<td>A3</td>
<td>Negative</td>
<td>NH</td>
</tr>
<tr>
<td>St. John’s University</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>St. Mary’s College</td>
<td>A3</td>
<td>Stable</td>
<td>IN</td>
</tr>
<tr>
<td>Stetson University</td>
<td>A3</td>
<td>Stable</td>
<td>FL</td>
</tr>
<tr>
<td>The New School</td>
<td>A3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>University of Miami</td>
<td>A3</td>
<td>Stable</td>
<td>FL</td>
</tr>
<tr>
<td>University of Mount Union</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
<tr>
<td>University of Redlands</td>
<td>A3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>University of San Francisco</td>
<td>A3</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td>University of The Sciences In Philadelphia</td>
<td>A3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Xavier University</td>
<td>A3</td>
<td>Stable</td>
<td>OH</td>
</tr>
</tbody>
</table>

**Baa1**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Rating</th>
<th>Outlook</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfred University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Augustana College</td>
<td>Baa1</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td>Bard College</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Belmont University</td>
<td>Baa1</td>
<td>Stable</td>
<td>TN</td>
</tr>
<tr>
<td>Biola University</td>
<td>Baa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Brooklyn Law School</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>California Lutheran University</td>
<td>Baa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>Location</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>-----------</td>
</tr>
<tr>
<td>California Western School of Law</td>
<td>Baa1</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td>College of Saint Benedict</td>
<td>Baa1</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Concordia University</td>
<td>Baa1</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Drew University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Emerson College</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Emmanuel College</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Georgian Court University</td>
<td>Baa1</td>
<td>RUR</td>
<td>NJ</td>
</tr>
<tr>
<td>Hanover College</td>
<td>Baa1</td>
<td>Negative</td>
<td>IN</td>
</tr>
<tr>
<td>Illinois Wesleyan University</td>
<td>Baa1</td>
<td>Stable</td>
<td>IL</td>
</tr>
<tr>
<td>Lawrence University</td>
<td>Baa1</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Lebanese American University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Linfield College</td>
<td>Baa1</td>
<td>Stable</td>
<td>OR</td>
</tr>
<tr>
<td>Maryland Institute</td>
<td>Baa1</td>
<td>Stable</td>
<td>MD</td>
</tr>
<tr>
<td>Monmouth College</td>
<td>Baa1</td>
<td>Negative</td>
<td>IL</td>
</tr>
<tr>
<td>New England Conservatory</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Rider University</td>
<td>Baa1</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Saint Michael’s College</td>
<td>Baa1</td>
<td>Stable</td>
<td>VT</td>
</tr>
<tr>
<td>Simmons College</td>
<td>Baa1</td>
<td>Positive</td>
<td>MA</td>
</tr>
<tr>
<td>Southwestern Law School</td>
<td>Baa1</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Springfield College</td>
<td>Baa1</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>St. Catherine University</td>
<td>Baa1</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>St. Joseph’s College</td>
<td>Baa1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>St. Mary’s College of California</td>
<td>Baa1</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td>St. Mary’s University</td>
<td>Baa1</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>St. Vincent College</td>
<td>Baa1</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Taylor University</td>
<td>Baa1</td>
<td>Stable</td>
<td>IN</td>
</tr>
<tr>
<td>Wentworth Institute of Technology</td>
<td>Baa1</td>
<td>Negative</td>
<td>MA</td>
</tr>
<tr>
<td>Whitworth University</td>
<td>Baa1</td>
<td>Negative</td>
<td>WA</td>
</tr>
<tr>
<td><strong>Baa2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beloit College</td>
<td>Baa2</td>
<td>Stable</td>
<td>WI</td>
</tr>
<tr>
<td>Bridgewater College</td>
<td>Baa2</td>
<td>Stable</td>
<td>VA</td>
</tr>
<tr>
<td>Canisius College</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>College of Saint Rose</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>College of St. Scholastica</td>
<td>Baa2</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Culinary Institute of America</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Embry-Riddle Aeronautical University</td>
<td>Baa2</td>
<td>Stable</td>
<td>FL</td>
</tr>
<tr>
<td>Gannon University</td>
<td>Baa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Hamline University</td>
<td>Baa2</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Hampshire College</td>
<td>Baa2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Le Moyne College</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Marymount Manhattan College</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Outlook</td>
<td>State</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>Maryville University of St. Louis</td>
<td>Baa2</td>
<td>Stable</td>
<td>MO</td>
</tr>
<tr>
<td>Mercer University</td>
<td>Baa2</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td>Mills College</td>
<td>Baa2</td>
<td>Negative</td>
<td>CA</td>
</tr>
<tr>
<td>Minneapolis College of Art And Design</td>
<td>Baa2</td>
<td>Negative</td>
<td>MN</td>
</tr>
<tr>
<td>Nazareth College of Rochester</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>New York Institute of Technology</td>
<td>Baa2</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Nova Southeastern University</td>
<td>Baa2</td>
<td>Positive</td>
<td>FL</td>
</tr>
<tr>
<td>Ohio Northern University</td>
<td>Baa2</td>
<td>Negative</td>
<td>OH</td>
</tr>
<tr>
<td>Philadelphia University</td>
<td>Baa2</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Point Loma Nazarene University</td>
<td>Baa2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Regent University</td>
<td>Baa2</td>
<td>Negative</td>
<td>VA</td>
</tr>
<tr>
<td>Roosevelt University</td>
<td>Baa2</td>
<td>Negative</td>
<td>IL</td>
</tr>
<tr>
<td>Sacred Heart University</td>
<td>Baa2</td>
<td>Positive</td>
<td>CT</td>
</tr>
<tr>
<td>St. Edward's University</td>
<td>Baa2</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>Stevens Institute of Technology</td>
<td>Baa2</td>
<td>Stable</td>
<td>NJ</td>
</tr>
<tr>
<td>Suffolk University</td>
<td>Baa2</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>University of La Verne</td>
<td>Baa2</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>University of The Sacred Heart</td>
<td>Baa2</td>
<td>Stable</td>
<td>PR</td>
</tr>
<tr>
<td>Vermont Law School</td>
<td>Baa2</td>
<td>Stable</td>
<td>VT</td>
</tr>
</tbody>
</table>

**Baa3**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Rating</th>
<th>Outlook</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Augsburg College</td>
<td>Baa3</td>
<td>Stable</td>
<td>MN</td>
</tr>
<tr>
<td>Bellarmine University</td>
<td>Baa3</td>
<td>Stable</td>
<td>KY</td>
</tr>
<tr>
<td>California College of the Arts</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Central College</td>
<td>Baa3</td>
<td>Stable</td>
<td>IA</td>
</tr>
<tr>
<td>College For Creative Studies</td>
<td>Baa3</td>
<td>Positive</td>
<td>MI</td>
</tr>
<tr>
<td>College of New Rochelle</td>
<td>Baa3</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Delaware Valley College of Science &amp; Agriculture</td>
<td>Baa3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>Dominican University of California</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Golden Gate University</td>
<td>Baa3</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td>Illinois Institute of Technology</td>
<td>Baa3</td>
<td>Negative</td>
<td>IL</td>
</tr>
<tr>
<td>Iona College</td>
<td>Baa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Lake Forest College</td>
<td>Baa3</td>
<td>Negative</td>
<td>IL</td>
</tr>
<tr>
<td>Long Island University</td>
<td>Baa3</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Merrimack College</td>
<td>Baa3</td>
<td>Stable</td>
<td>MA</td>
</tr>
<tr>
<td>Otis College of Art And Design</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
<tr>
<td>Robert Morris University</td>
<td>Baa3</td>
<td>Stable</td>
<td>PA</td>
</tr>
<tr>
<td>University of Dallas</td>
<td>Baa3</td>
<td>Stable</td>
<td>TX</td>
</tr>
<tr>
<td>University of Hartford</td>
<td>Baa3</td>
<td>Stable</td>
<td>CT</td>
</tr>
<tr>
<td>Woodbury University</td>
<td>Baa3</td>
<td>Stable</td>
<td>CA</td>
</tr>
</tbody>
</table>

**Ba1**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Rating</th>
<th>Outlook</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albright College</td>
<td>Ba1</td>
<td>Negative</td>
<td>PA</td>
</tr>
<tr>
<td>Institution</td>
<td>Rating</td>
<td>Sector</td>
<td>State</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------</td>
<td>--------</td>
<td>-------</td>
</tr>
<tr>
<td>Ashland University</td>
<td>Ba1</td>
<td>RUR</td>
<td>OH</td>
</tr>
<tr>
<td>Clark Atlanta University</td>
<td>Ba1</td>
<td>Negative</td>
<td>GA</td>
</tr>
<tr>
<td>Hartwick College</td>
<td>Ba1</td>
<td>Positive</td>
<td>NY</td>
</tr>
<tr>
<td>Pace University</td>
<td>Ba1</td>
<td>Stable</td>
<td>NY</td>
</tr>
<tr>
<td>Mount Saint Mary's University</td>
<td>Ba2</td>
<td>Negative</td>
<td>MD</td>
</tr>
<tr>
<td>Wittenberg University</td>
<td>Ba2</td>
<td>Negative</td>
<td>OH</td>
</tr>
<tr>
<td>Life University</td>
<td>Ba3</td>
<td>Stable</td>
<td>GA</td>
</tr>
<tr>
<td>Franklin Pierce University</td>
<td>B1</td>
<td>Negative</td>
<td>NH</td>
</tr>
<tr>
<td>Mountain State University</td>
<td>B1</td>
<td>RUR</td>
<td>WV</td>
</tr>
<tr>
<td>Southern California University of Health Sciences</td>
<td>B1</td>
<td>Positive</td>
<td>CA</td>
</tr>
<tr>
<td>Sage Colleges</td>
<td>B2</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Benedict College</td>
<td>B3</td>
<td>Stable</td>
<td>SC</td>
</tr>
<tr>
<td>Dowling College</td>
<td>Caa1</td>
<td>Negative</td>
<td>NY</td>
</tr>
<tr>
<td>Birmingham-Southern College</td>
<td>Caa2</td>
<td>Negative</td>
<td>AL</td>
</tr>
</tbody>
</table>
Appendix VI: Moody's Private College and University Ratio Definitions

<table>
<thead>
<tr>
<th>Ratio Definition</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age Of Plant (Number Of Years)</td>
<td>Estimates institutional deferred maintenance as well as the operating efficiency of the existing plant facilities.</td>
</tr>
<tr>
<td>Annual Days Cash On Hand (X)</td>
<td>Measured as the number of days an institution is able to cover its cash operating expenses from Annual Liquidity.</td>
</tr>
<tr>
<td>Annual Liquidity ($)</td>
<td>Measured as the amount of unrestricted cash and investments from operating and endowment/long-term accounts that can be liquidated and spent within one year.</td>
</tr>
<tr>
<td>Annual Liquidity To Demand Debt (%)</td>
<td>Measures an institution's ability to repay its demand debt from its Annual Liquidity.</td>
</tr>
<tr>
<td>Average Direct Debt Service Coverage (X)</td>
<td>Measures actual margin of protection for annual debt service payments from annual operations over a three-year period.</td>
</tr>
<tr>
<td>Average Gift Revenue ($)</td>
<td>Measures philanthropic support of institution committed to annual operations, capital and endowment over a three-year period.</td>
</tr>
<tr>
<td>Average MADS Coverage (X)</td>
<td>Measures margin of protection for maximum annual debt service payments, averaged over three years.</td>
</tr>
<tr>
<td>Average Operating Margin (%)</td>
<td>Measures operating margin over three years for a longer-term view.</td>
</tr>
<tr>
<td>Capital Spending Ratio (%)</td>
<td>Measures the annual investment in capital facilities compared to annual depreciation expense.</td>
</tr>
<tr>
<td>Comprehensive Debt ($)</td>
<td>Measures overall debt burden, including indirect debt.</td>
</tr>
<tr>
<td>Debt Service To Operations (%)</td>
<td>Measures burden of actual debt service payments relative to overall operating budget.</td>
</tr>
</tbody>
</table>

### Definitions

- **Accumulated depreciation divided by depreciation expense**
- **Annual liquidity times 365 divided by total expenses less depreciation less additional, unusually large non-cash expenses**
- **Unrestricted operating funds available within one month plus unrestricted operating funds available within one year plus lesser of endowment funds available within one year or unrestricted board designated net assets and unrestricted working capital (or other unrestricted funds commingled with the endowment)**
- **Annual liquidity divided by demand debt**
- **Three years average annual operating surplus (deficit) plus interest and depreciation expenses, divided by actual principal and interest payments**
- **Total gift revenue (unrestricted, temporarily restricted, and permanently restricted) for the last three years, divided by three**
- **Three year average of annual operating surplus (deficit) plus interest and depreciation expenses, divided by maximum principal and interest payments**
- **Three year average of annual operating surplus (deficit) divided by total revenues**
- **Purchases of property, plant and equipment (from statement of cash flows) divided by depreciation expense**
- **Direct debt plus indirect debt**
- **Actual annual debt service divided by total operating expenses**
<table>
<thead>
<tr>
<th><strong>Demand Debt ($)</strong></th>
<th>Measures the amount of demand debt that may need to be paid from liquid investments. Includes variable rate demand obligations, commercial paper, long mode put bonds, amounts outstanding under bank operating lines of credit, bank bonds and bank qualified loans with a demand feature.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Direct Debt ($)</strong></td>
<td>Measures direct obligations of institution. Institution’s obligations (e.g. bonds, notes, commercial paper, capital lease, bank loans, and draws upon lines of credit).</td>
</tr>
<tr>
<td><strong>Direct Debt Service Coverage (X)</strong></td>
<td>Measures actual margin of protection for annual debt service payments from annual operations. Annual operating surplus (deficit) plus interest and depreciation expenses plus additional, unusually large non-cash expenses, divided by actual principal and interest payments.</td>
</tr>
<tr>
<td><strong>Direct Debt To Cash Flow (X)</strong></td>
<td>Measures debt relative to operating cash flow. Direct debt divided by operating cash flow.</td>
</tr>
<tr>
<td><strong>Direct Debt To Total Capitalization (X)</strong></td>
<td>Measures portion of the balance sheet financed by debt. Direct debt divided by the sum of total net assets plus direct debt.</td>
</tr>
<tr>
<td><strong>Educational Expenses Per Student ($)</strong></td>
<td>Measures costs of educating an institution’s students. Total expenses less auxiliary expenses less research expenses less patient care expenses divided by total full-time equivalent enrollment for the prior year.</td>
</tr>
<tr>
<td><strong>Expendable Financial Resources ($)</strong></td>
<td>Measures of financial resources that are ultimately expendable. The sum of unrestricted net assets plus restricted expendable net assets plus foundation unrestricted and temporarily restricted net assets less foundation net investment in plant.</td>
</tr>
<tr>
<td><strong>Expendable Financial Resources-To-Comprehensive Debt (X)</strong></td>
<td>Measures coverage of comprehensive debt by financial resources that are ultimately expendable. Expendable financial resources divided by comprehensive debt.</td>
</tr>
<tr>
<td><strong>Expendable Financial Resources-To-Direct Debt (X)</strong></td>
<td>Measures coverage of direct debt by financial resources that are ultimately expendable. Expendable financial resources divided by direct debt.</td>
</tr>
<tr>
<td><strong>Expendable Financial Resources-To-Operations (X)</strong></td>
<td>Measures coverage of annual operating expenses by financial resources that are ultimately expendable. Expendable financial resources divided by total operating expenses.</td>
</tr>
<tr>
<td><strong>Free Expendable Financial Resources-To-Operations (X)</strong></td>
<td>Measures coverage of annual operating expenses by expendable resources remaining after pro-forma payment of all direct debt. Expendable financial resources less direct debt, divided by total operating expenses.</td>
</tr>
<tr>
<td><strong>Gifts (% Of Total Revenue)</strong></td>
<td>Measures reliance on gift revenue as a percent of total revenue. Gift revenue divided by total operating revenues.</td>
</tr>
<tr>
<td><strong>Grants And Contracts (% Of Total Revenue)</strong></td>
<td>Measures reliance on grants and contracts as a percent of total revenue. Grants and contracts revenue divided by total operating revenues.</td>
</tr>
<tr>
<td><strong>Indirect Debt ($)</strong></td>
<td>Measures indebtedness of institution beyond its direct obligations. Unfunded pension obligations plus capitalization of operating leases plus obligations not on the institution’s statement of net assets but considered a possible use of the institution’s financial resources.</td>
</tr>
<tr>
<td><strong>MADS To Operations (%)</strong></td>
<td>Measures maximum annual debt service burden on the annual operating budget. Maximum annual debt service divided by total operating expenses.</td>
</tr>
<tr>
<td>Metric</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>Monthly Days Cash On Hand (X)</strong></td>
<td>Measures the number of days an institution is able to operate (cover its cash operating expenses) from Monthly Liquidity. Monthly liquidity times 365 divided by total expenses less depreciation and additional, unusually large non-cash expenses.</td>
</tr>
<tr>
<td><strong>Monthly Liquidity</strong></td>
<td>Measures the amount of unrestricted cash and investments from operating and endowment/long-term accounts that can be liquidated and spent within 30 days. Unrestricted operating funds available within one month plus lesser of endowment funds available within one month or unrestricted board designated net assets and unrestricted working capital (or other unrestricted funds commingled with the endowment).</td>
</tr>
<tr>
<td><strong>Monthly Liquidity To Demand Debt (%)</strong></td>
<td>Measures an institution’s ability to repay its demand debt from its Monthly Liquidity. Monthly liquidity divided by demand debt.</td>
</tr>
<tr>
<td><strong>Net Tuition Per Student ($)</strong></td>
<td>Measures average tuition and fees actually received per student. Net tuition and fee revenue divided by total number of full-time equivalent students of the fall semester for the prior year (e.g., fall 2008 for FY 2009).</td>
</tr>
<tr>
<td><strong>Operating Cash Flow ($)</strong></td>
<td>Measures the amount of excess cash flow (or deficit) generated from annual operating expenses. Adjusted total unrestricted revenues (adjustments include limiting investment income to 5% of average of previous three years’ cash and investments and subtracting net assets released for construction and acquisition of fixed assets), less total unrestricted operating expenses, plus depreciation, plus interest, plus additional unusually large non-cash expenses.</td>
</tr>
<tr>
<td><strong>Operating Cash Flow Margin (%)</strong></td>
<td>Indicates the excess cash flow margin (or deficit) by which annual cash flow cover operating expenses. Operating cash flow divided by adjusted total unrestricted revenues.</td>
</tr>
<tr>
<td><strong>Operating Margin (%)</strong></td>
<td>Indicates the excess margin (or deficit) by which annual revenues cover operating expenses. Adjusted total unrestricted revenues (adjustments include limiting investment income to 5% of average of previous three years cash and investments and subtracting net assets released for construction and acquisition of fixed assets), less total unrestricted operating expenses, divided by adjusted total unrestricted revenues.</td>
</tr>
<tr>
<td><strong>Operating Margin Excluding Gifts (%)</strong></td>
<td>Measures the institution’s dependence on gifts to finance annual operations. Adjusted total unrestricted revenues, less gifts, less total unrestricted operating expenses, divided by adjusted total unrestricted revenues less gifts.</td>
</tr>
<tr>
<td><strong>Other (% Of Total Revenue)</strong></td>
<td>Reliance on other revenues as a percent of total revenues. Other revenues divided by total operating revenues.</td>
</tr>
<tr>
<td><strong>Patient Care (% Of Total Revenue)</strong></td>
<td>Reliance on patient care (and other health related) revenues as a percent of total revenues</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Primary Matriculation (%)</strong></td>
<td>Measures student demand</td>
</tr>
<tr>
<td><strong>Primary Selectivity (%)</strong></td>
<td>Measures student demand</td>
</tr>
<tr>
<td><strong>State Appropriations (% Of Total Revenue)</strong></td>
<td>Measures reliance on state appropriations as a percent of total revenue</td>
</tr>
<tr>
<td><strong>State Appropriations Per Student ($)</strong></td>
<td>Measures state appropriation received per student</td>
</tr>
<tr>
<td><strong>Total Cash &amp; Investments</strong></td>
<td>Measure base of assets that generate investment return</td>
</tr>
<tr>
<td><strong>Total Cash &amp; Investments-To-Direct Debt (X)</strong></td>
<td>Measures coverage of direct debt by assets that generate investment return</td>
</tr>
<tr>
<td><strong>Total enrollment FTE (#)</strong></td>
<td>Measures size of institutions programs and student population</td>
</tr>
<tr>
<td><strong>Total Expenses ($)</strong></td>
<td>Measures size of operating budget</td>
</tr>
<tr>
<td><strong>Total Financial Resources-Per-Student ($)</strong></td>
<td>Compares financial resources to the size of the student body</td>
</tr>
<tr>
<td><strong>Total Financial Resources ($)</strong></td>
<td>Measures total financial wealth of institution</td>
</tr>
<tr>
<td><strong>Total Financial Resources-To-Comprehensive Debt (X)</strong></td>
<td>Measures coverage of comprehensive debt by total financial resources including permanent endowments</td>
</tr>
<tr>
<td><strong>Total Financial Resources-To-Direct Debt (X)</strong></td>
<td>Measures coverage of direct debt by total financial resources including permanent endowments</td>
</tr>
<tr>
<td><strong>Total Gift Revenue ($)</strong></td>
<td>Measures philanthropic support of institution committed to annual operations, capital and endowment</td>
</tr>
</tbody>
</table>
## Total Revenues ($)
Measures overall size of operating budget
Total adjusted operating revenue as stated in audit, plus 5% of average three year cash and investments level, less net assets released for capital, less realized and unrealized gains or losses. Individual colleges may have other adjustments made to operating revenues based on additional information not included in the audit.

## Total Tuition Discount (%)
Measures the amount of tuition revenue funded by unrestricted institutional resources as well as restricted endowments and external sources
The sum of scholarship discount and allowances plus scholarship expense divided by gross tuition and fee revenue

## Tuition And Auxiliaries (% Of Total Revenue)
Measures reliance on tuition and auxiliaries as a percent of total revenue
Net tuition and auxiliaries revenue divided by total operating revenue

## Unrestricted Financial Resources ($)
Amount of most liquid financial resources
Total unrestricted net assets

## Unrestricted Financial Resources-To-Comprehensive Debt (X)
Measures coverage of comprehensive debt by the most liquid financial resources
Unrestricted financial resources divided by comprehensive debt

## Unrestricted Financial Resources-To-Direct Debt (X)
Measures coverage of direct debt by the most liquid financial resources
Unrestricted financial resources divided by direct debt

## Unrestricted Financial Resources-To-Operations (X)
Measures coverage of annual operations by the most liquid financial resources
Unrestricted financial resources divided by total operating expenses

## Variable Rate Exposure (%)
Measures the portion of direct debt issued in variable rate mode
Sum of par amount of debt outstanding under all series of bonds and other debt issued as variable rate securities, divided by direct debt. (Variable rate bonds synthetically swapped to a fixed rate are included in variable rate debt.)
Moody's Related Research

Industry Outlooks:
» US Higher Education 2012 Mid-Year Outlook Remains Mixed, July 2012 (144084)

Special Comments:
» More U.S. Universities Expect Tuition Revenue Declines; Larger, Diversified Universities Favored in Tough Higher Education Market, January 2012 (138401)
» Primer on Key Moody’s Private Higher Education Ratio Calculations, July 2007 (118340)
» Moody’s New Liquidity Ratios Increase Transparency, March 2010 (123377)

Rating Methodology:
» U.S. Not-for-Profit Private and Public Higher Education, August 2011 (134044)

Median Report:
» Moody’s Fiscal Year 2011 U.S. Private College and University Medians - Excel data, July 2012 (143633)

To access any of these reports, click on the entry above. Note that these references are current as of the date of publication of this report and that more recent reports may be available. All research may not be available to all clients.
SPECIAL COMMENT: US PRIVATE COLLEGE AND UNIVERSITY MEDIANES UNDERSCORE REVENUE CHALLENGE AND MIXED OUTLOOK FOR SECTOR

Report Number: 143631

Authors
Mary Kay Cooney
Michael Gusta
Paul Corcoran

Editor
Karen Kedem

Associate Analysts
Production Associate
Kerstin Thoma

Mary Kay Cooney
Michael Gusta
Paul Corcoran

© 2012 Moody's Investors Service, Inc. and/or its licensors and affiliates (collectively, “MOODY’S”). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY’S INVESTORS SERVICE, INC. (“MIS”) AND ITS AFFILIATES ARE MOODY’S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND CREDIT RATINGS AND RESEARCH PUBLICATIONS PUBLISHED BY MOODY’S (“MOODY’S PUBLICATIONS”) MAY INCLUDE MOODY’S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES. MOODY’S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL, FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS AND MOODY’S OPINIONS INCLUDED IN MOODY’S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. CREDIT RATINGS AND MOODY’S PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY’S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS NOR MOODY’S PUBLICATIONS COMMENT ON THE SUITABILITY OF AN INVESTOR. MOODY’S ISSUES ITS CREDIT RATINGS AND PUBLISHES MOODY’S PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPAIRED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY’S PRIOR WRITTEN CONSENT. All information contained herein is obtained by MOODY’S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided “AS IS” without warranty of any kind. MOODY’S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY’S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY’S is not an auditor and cannot in every instance independently verify or validate information received in the rating process. Under no circumstances shall MOODY’S have any liability to any person or entity for (a) any loss or damage in whole or in part caused by, resulting from, or relating to, any error (negligent or otherwise) or other circumstance or contingency within or outside the control of MOODY’S or any of its directors, officers, employees or agents in connection with the procurement, collection, compilation, analysis, interpretation, communication, publication or delivery of any such information, or (b) any direct, indirect, special, consequential, compensatory or incidental damages whatsoever (including without limitation, lost profits), even if MOODY’S is advised in advance of the possibility of such damages, resulting from the use of or inability to use, any such information. The ratings, financial reporting analysis, projections, and other observations, if any, constituting part of the information contained herein are, and must be construed solely as, statements of opinion and not statements of fact or recommendations to purchase, sell or hold any securities. Each user of the information contained herein must make its own study and evaluation of each security it may consider purchasing, holding or selling.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY SUCH RATING OR OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY’S IN ANY FORM OR MANNER WHATSOEVER. MIS, a wholly-owned credit rating agency subsidiary of Moody’s Corporation (“MCO”), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MIS have, prior to assignment of any rating, agreed to pay to MIS for appraisal and rating services rendered by it fees ranging from $1,500 to approximately $2,500,000. MCO and MIS also maintain policies and procedures to address the independence of MIS’s ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading “Shareholder Relations — Corporate Governance — Director and Shareholder Affiliation Policy.”

Any publication into Australia of this document is by MOODY’S affiliate, Moody’s Investors Service Pty Limited ABN 61 003 399 657, which holds Australian Financial Services License no. 336969. This document is intended to be provided only to “wholesale clients” within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY’S that you are, or are accessing the document as a representative of, a “wholesale client” and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to “retail clients” within the meaning of section 761G of the Corporations Act 2001.

Notwithstanding the foregoing, credit ratings assigned on and after October 1, 2010 by Moody’s Japan K.K. (“MJKK”) are MJKK’s current opinions of the relative future credit risk of entities, credit commitments, or debt or debt-like securities. In such a case, “MIS” in the foregoing statements shall be deemed to be replaced with “MJKK”. MJKK is a wholly-owned credit rating agency subsidiary of Moody’s Group Japan G.K., which is wholly owned by Moody’s Overseas Holdings Inc, a wholly-owned subsidiary of MCO.

This credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors. It would be dangerous for retail investors to make any investment decision based on this credit rating. If in doubt you should contact your financial or other professional adviser.