

## Comparison of the STARS Pilot Project Analysis with Macalester College's Results

The release of the STARS analysis is the results from Association for the Advancement of Sustainability in Higher Education's pilot program to rank the commitment of institutes of higher education to sustainable society, operations, and education. Over 70 institutions submitted data for the STARS report. Although Macalester College did not submit its data to AASHE (because of time constraints), the Sustainability Office did complete the analysis that would have been required to participate in the study.

Overall Macalester College has a score slightly below the average sustainability ranking of the 6 baccalaureate schools that were included in the STARS report. The average baccalaureate institution earned 28.5 percent of the sustainability points possible under the STARS rating system while Macalester College earned approximately 25.2 percent. However Macalester's final score is incomplete for two reasons. First, many of the questions about education could not be answered because Macalester does not officially recognize courses as having sustainable material or a sustainability focus. The other significant unknown in the Education and Research subsection is the amount of faculty sustainability research. Macalester's score of 25.2 percent developed by the Sustainability Office is also probably lower than it could be because it does not include points for original programs that would be counted under AASHE's "Innovation" category.

In the Tier I category (Education and Research, Operations, and Administration and Finance), Macalester College earned 47 of the 175 points possible with 37 unknown (the great majority of which are in the Education and Research sub-section) pieces of information that are potential point-earners for the institution. Within those categories, Macalester earned the highest percentage of points in the Administration and Finance category. In the Tier II category, Macalester College earned 36 of 52 credits with only one unknown. Again Macalester College received the greatest percentage of the Tier II points in the Administration and Finance category; although most of the raw Tier II points were earned in the operations category.

**Average Overall Scores by Institution Type**

<b>Associate's</b>	<b>Baccalaureate</b>	<b>Doctorate-granting</b>		<b>Master's</b>	<b>All Responses</b>
Complete submissions received	7	6	14	10	37
<b>Scores</b>					
Education & Research	<b>15.1</b> (10.6)	<b>25.3</b> (6.9)	<b>29.5</b> (17.2)	<b>35.2</b> (21.7)	<b>27.6</b> (17.3)
Operations	<b>17.5</b> (7.4)	<b>18.0</b> (8.0)	<b>30.9</b> (10.0)	<b>26.9</b> (11.5)	<b>25.2</b> (11.0)
Administration & Finance	<b>42.8</b> (8.5)	<b>38.2</b> (17.4)	<b>54.8</b> (12.3)	<b>48.0</b> (17.8)	<b>48.0</b> (15.0)
Innovation	<b>0.6</b> (0.8)	<b>1.3</b> (1.2)	<b>1.9</b> (1.9)	<b>1.7</b> (1.8)	<b>1.5</b> (1.6)
<b>Total</b>	<b>25.7</b> (8.8)	<b>28.5</b> (9.5)	<b>40.3</b> (11.6)	<b>38.4</b> (16.5)	<b>35.1</b> (13.4)

- Bold numbers are the average of the percentage of applicable points the institution earned
- Numbers in parenthesis represent standard deviation

Figure 1 Summary table from the STARS Report
--

**Macalester Info STARS Assessment**

Score

<b>Section</b>	<b>Possible</b>	<b>Yes</b>	<b>?</b>	<b>No</b>
Education and Research	66	5	30	31
Operations	59	10	5	44
Administration and Finance	50	32	2	16
<b>Total</b>	<b>175</b>	<b>47</b>	<b>#</b>	<b>91</b>

<b>Tier 2 Credits</b>	<b>Possible</b>	<b>Yes</b>	<b>?</b>	<b>No</b>
ER Tier 2	10	7	0	3
OP Tier 2	31	17	1	14
AF Tier 2	17	12	0	5
<b>Total</b>	<b>58</b>	<b>36</b>	<b>1</b>	<b>22</b>

Figure 2 Summary of the points earned by Macalester College, as calculated by the Sustainability Office

<b>Category</b>	<b>Points Possible</b>	<b>Baccalaureate Score (Avg.)*</b>	<b>Macalester Points Earned Score (yes)</b>	<b>Macalester College Score</b>	<b>Macalester Points Unknown</b>
<b>Education &amp; Outreach</b>	66	25.3	5	3.3	30
<b>Operations</b>	59	18.0	10	5.9	5
<b>Administration &amp; Finance</b>	50	38.2	32	16	2
<b>Innovation</b>	?	1.3			
<b>Total</b>	<b>175</b>	<b>28.5</b>	47	<b>25.2</b>	37

- The baccalaureate score is the average of the percentage of applicable points that 6 different institution earned in that area

Figure 3 Comparison of average STARS score of baccalaureate colleges and Macalester College