



Tennessee Health
 Science Center
 University of Tennessee Knoxville
 University of Tennessee Health Science Center
 University of the Sciences
 Pennsylvania State University
 University of Michigan
 University of Washington
 University of Wisconsin
 University of Wisconsin Madison
 Vanderbilt University
 Virginia Commonwealth University
 Virginia Department of General Services
 Wake Forest University
 Washburn University
 Washington University in St. Louis
 Wellesley College
 Wesleyan University
 West Chester University
 West Liberty University
 West Virginia Health Science Center
 West Virginia Institute of Technology
 West Virginia School of Osteopathic Medicine
 West Virginia State University
 West Virginia University
 Western Connecticut State University
 Western Oregon University
 Westfield State University
 Widener University
 Williams College
 Worcester Polytechnic Institute
 Worcester State University
 Xavier University
 Yale University



Saint Louis University
 Presenters: Peter Reeves, Kathleen Buckley, Jack Kasten
 January 2017

Who Partners with Sightlines?

Robust membership includes colleges, universities, consortiums and state systems



- Serving the Nation's Leading Institutions:**
- 70% of the Top 20 Colleges*
 - 75% of the Top 20 Universities*
 - 34 Flagship State Universities
 - 14 of the 14 Big 10 Institutions
 - 9 of the 12 Ivy Plus Institutions

* U.S. News 2016 Rankings

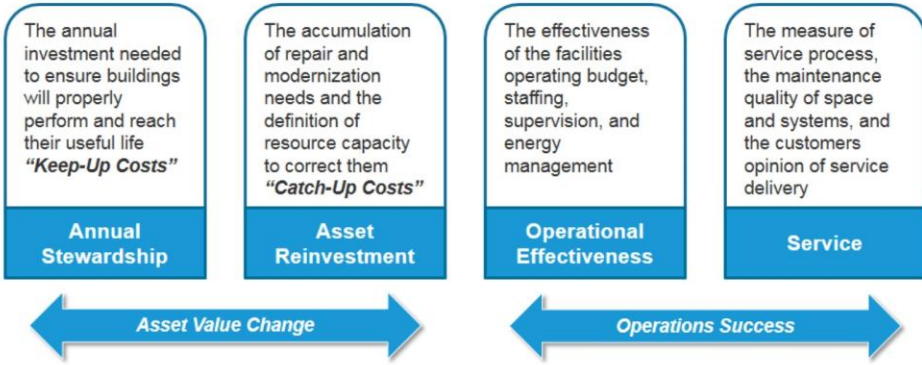
- Sightlines is proud to announce that:**
- 450 colleges and universities are Sightlines clients including over 325 ROPA members.
 - Consistently over 90% member retention rate
 - We have clients in over 40 states, the District of Columbia and four Canadian provinces
 - More than 125 new institutions became Sightlines members since 2013

- Sightlines advises state systems in:**
- Alaska
 - California
 - Florida
 - Hawaii
 - Maine
 - Massachusetts
 - Minnesota
 - Mississippi
 - Missouri
 - Nebraska
 - New Hampshire
 - New Jersey
 - Pennsylvania
 - Texas



A Vocabulary for Measurement

The Return on Physical Assets – ROPASM



Peer Institutions



Institution	Location
Loyola University Maryland	Baltimore, Maryland
Boston College	Boston, Massachusetts
University of Notre Dame	South Bend, Indiana
Gonzaga University	Spokane, Washington
Seattle University	Seattle, Washington
The University of Chicago	Chicago, Illinois
Xavier University	Cincinnati, Ohio
Washington University in St. Louis	St. Louis, Missouri
Vanderbilt University	Nashville, Tennessee
Creighton University	Omaha, Nebraska



Comparative Considerations
 Size, technical complexity, region, geographic location, and setting are all factors included in the selection of peer institutions

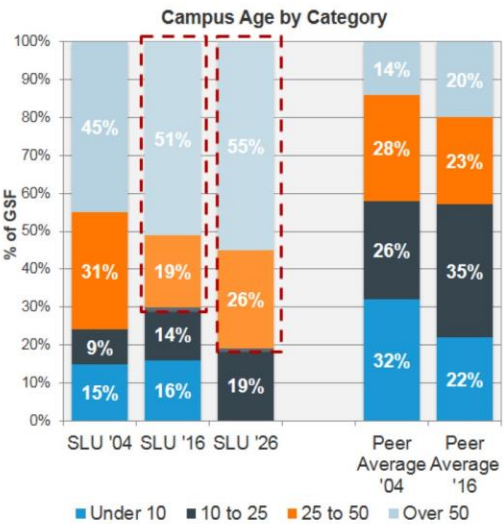


Historical Challenges

Old Campus Age Profile



70% of space falls into "high risk" category

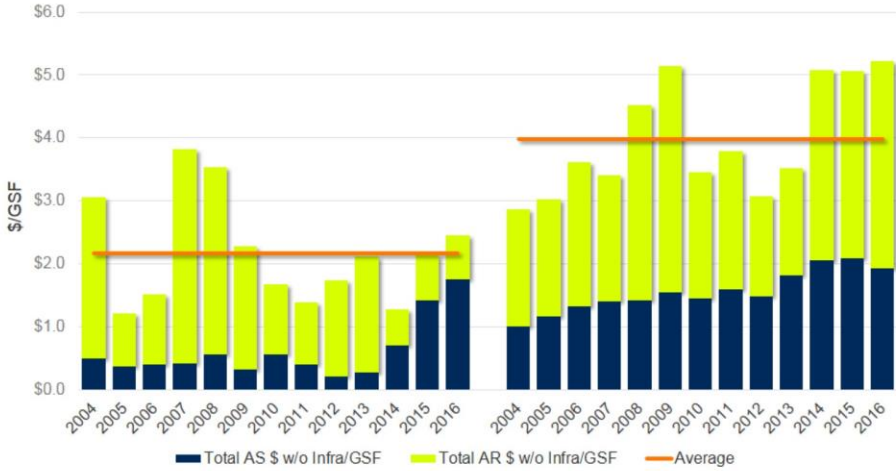


Capital Spending Shortfall Compared to Peers



\$124M less in total Capital Spending since 2004 based on peer average

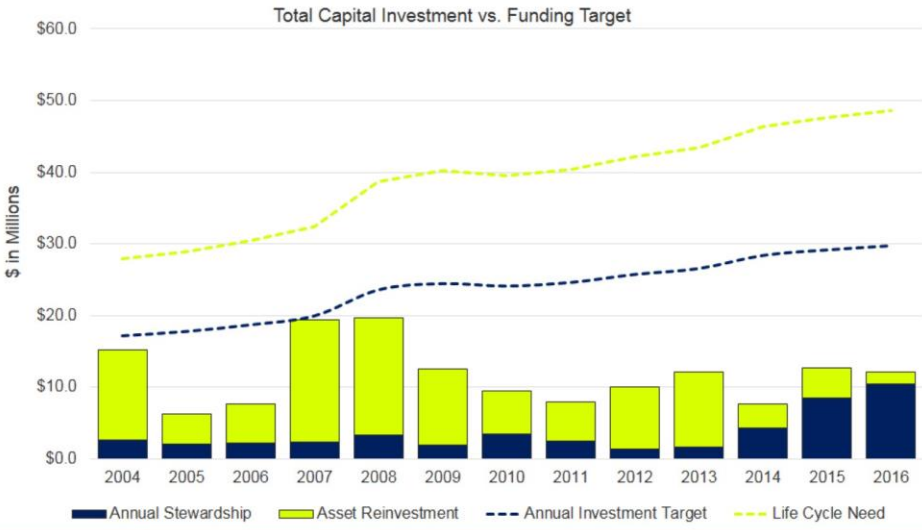
Capital Spending vs. Peers



Capital Spending Shortfall Compared to Targets



Leads to growing *Deferred Maintenance* figure



Space vs. Wealth Relationship



SLU space wealth profile in challenging quadrant
Database Distribution – Wealth v. Space



◆ Saint Louis University Wealth per Student ◆ Peers
 Students FTEs: 11,766 *FY15 data
 Endowment 2015 from NACUBO: 1,093,348,000
 Space: 6,243,484 – All Occupied Space- Does Not Include Parking Garages

Space vs. Wealth Peers



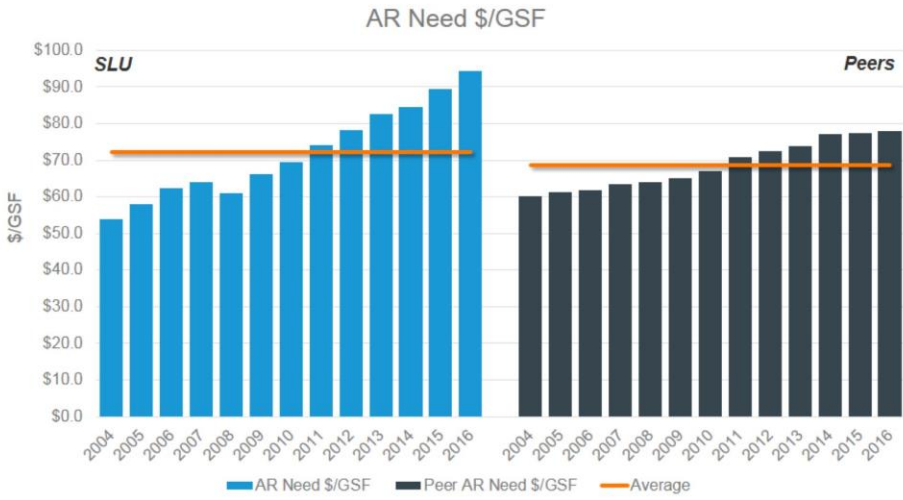
Students FTEs: 11,766 **FY15 data*
 Endowment 2015 from NACUBO: 1,093,348,000
 Space: 6,243,484 – All Occupied Space- Does Not Include Parking Garages



Current Impacts

Rate of Change Doubles Peers

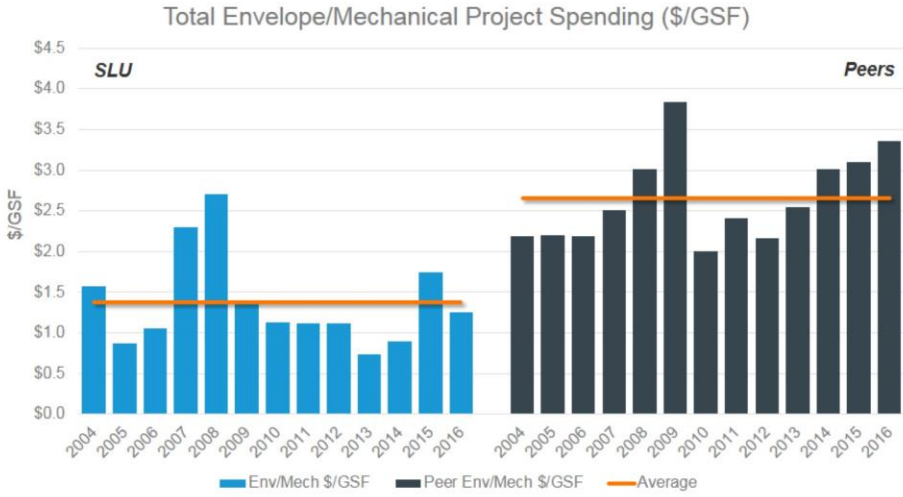
Over 13 years, SLU's AR Need grew 75% compared to peers at 30%



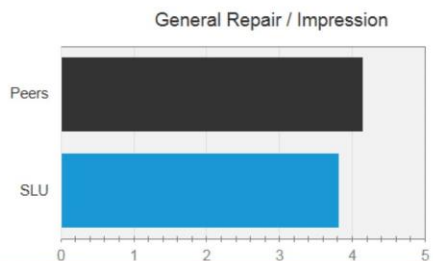
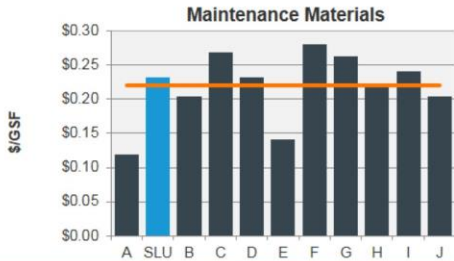
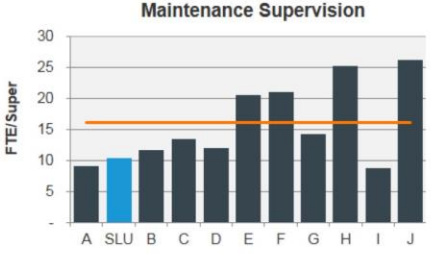
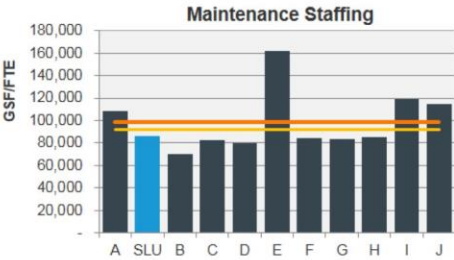
Peers Outspending on Durable Assets



SLU is investing less than half into Building Envelope and Systems compared to peers



Greater Strain on Maintenance



Institutions arranged by Tech Rating

- Peer Group Member Average
- Average without E

Customer Survey Helps Target Specific Projects



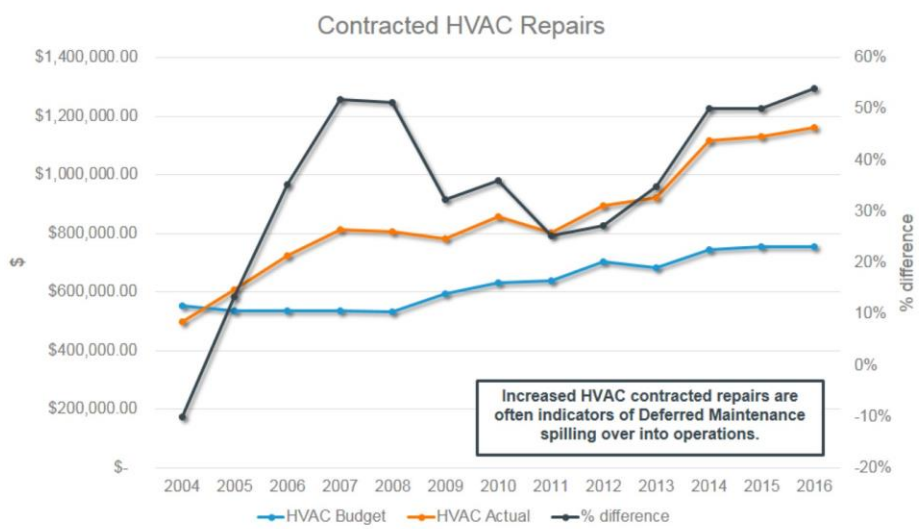
Buildings with lowest HVAC satisfaction have higher \$/GSF in HVAC related need



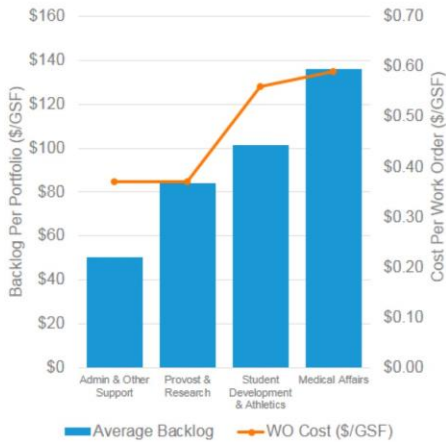
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*BPS Data includes HVAC, Heating, Cooling and Mechanical Need. Survey results include distracting noises, temperature and undesirable odors.

HVAC Contracted Repairs Indicating Signs of DM?



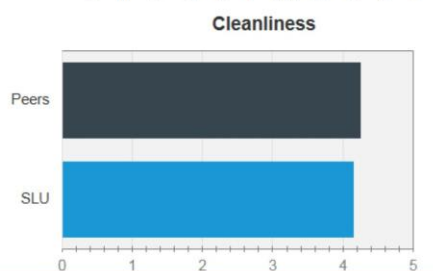
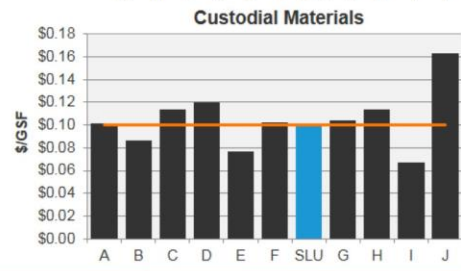
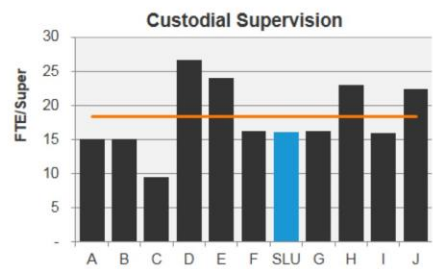
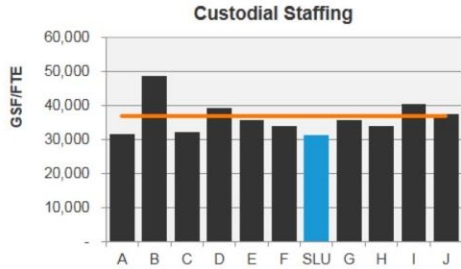
Buildings With Higher Backlog Increase Operational Costs



High: \$115/GSF+
 Medium: \$70-\$115/GSF
 Low: Less than \$70/GSF



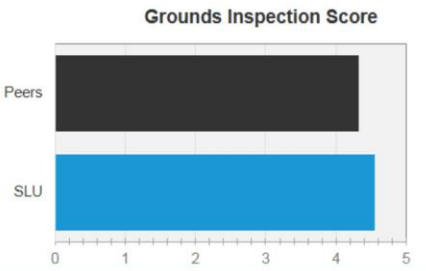
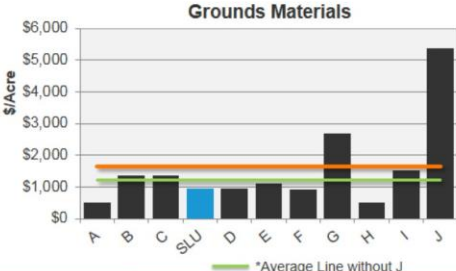
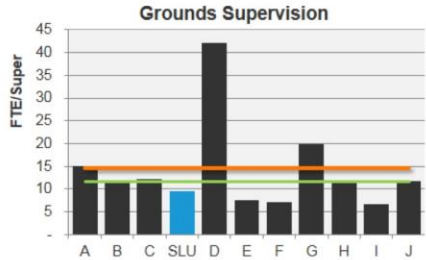
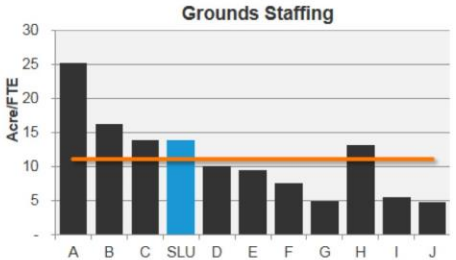
Custodial Covering Just Under Peer Levels



Institutions arranged by Density Factor

Peer Group Member Average

Grounds Staff Yielding Higher Results



Institutions arranged by Grounds Intensity

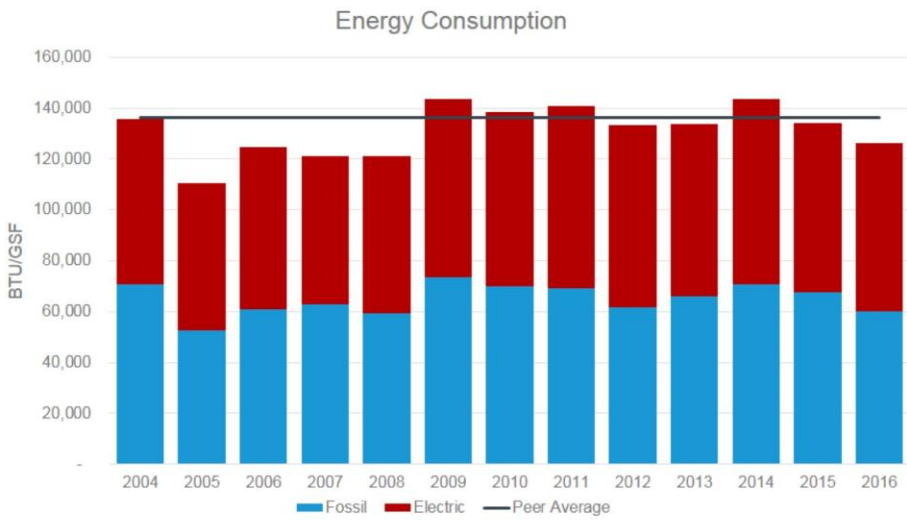
Peer Group Member Average

*Average Line without J

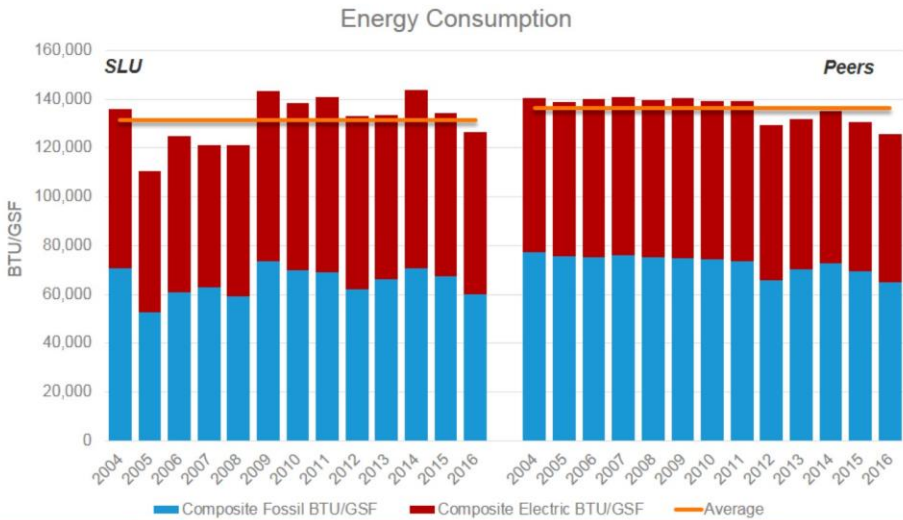
Steady Consumption Decrease Since FY13



SLU consuming below peer average



Energy Consumption vs. Peers



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