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#### FY2013 ROPA Presentation: University of Southern Maine

Sightlines

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December 12, 2013



# FY2013 ROPA Presentation

University of Southern Maine

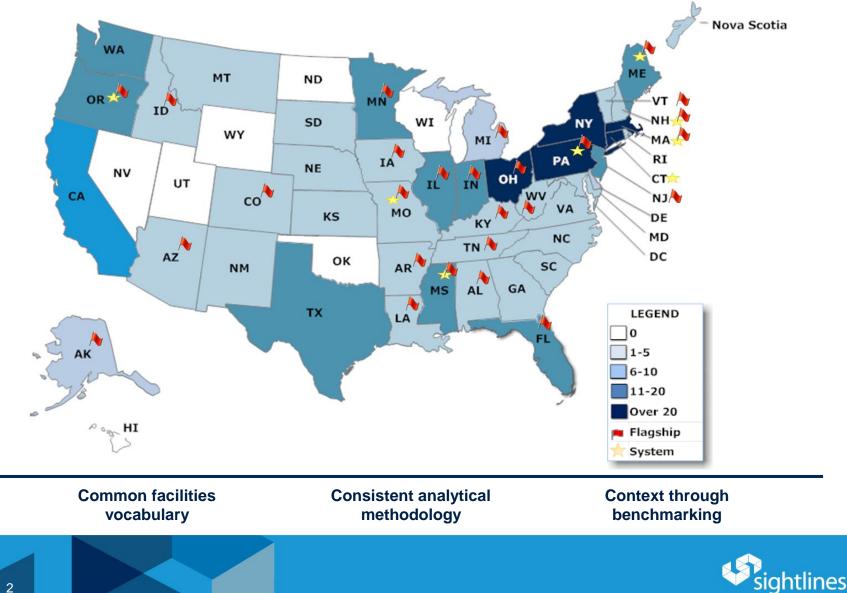
Presented by:



### **Sightlines profile**

UNIVERSITY OF SOUTHERN MAINE

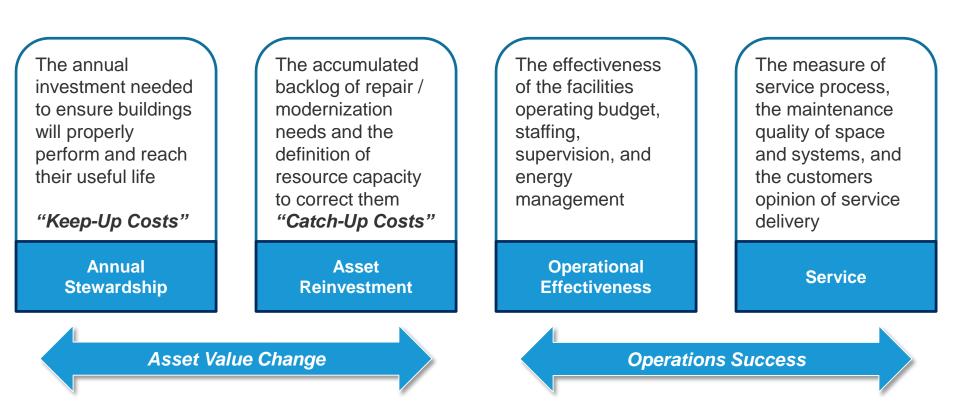
Over 400 campuses across 43 states, Washington DC, and Nova Scotia



### A vocabulary for measurement

The Return on Physical Assets – ROPA<sup>SM</sup>







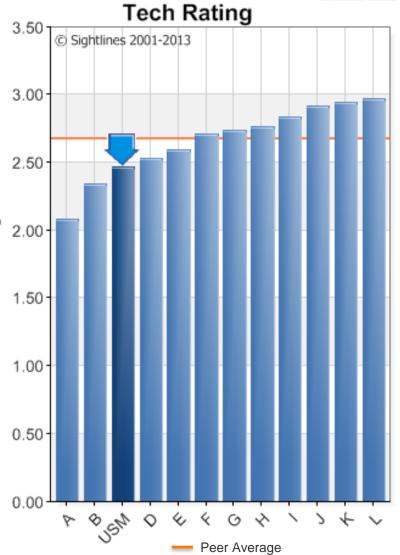
### **Comparative peer institutions for USM**



Institution	Location
Fitchburg State University	Fitchburg, MA
Framingham State University	Framingham, MA
Indiana University of PA	Indiana, PA
Keene State College	Keene, NH
Kutztown University of PA	Kutztown, PA
Plymouth State University	Plymouth, NH
The University of Maine	Orono, ME
University of Maine at Farmington	Farmington, ME
University of Massachusetts Dartmouth	North Dartmouth, MA
University of Massachusetts Lowell	Lowell, MA
West Chester University of PA	West Chester, PA

#### **Comparative Considerations**

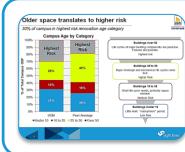
Size, technical complexity, and setting are all factors included in the selection of peer institutions





#### **Key observations at Southern Maine**





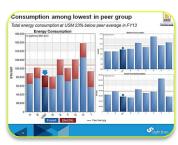
#### **Physical Portfolio**

- Campus age has shifted dramatically since FY00, however, recent data suggest campus is aging at a swift pace.
- Opportunity exists in buildings over 50 with poor utilization and poor condition.



#### Asset Value Change

- Capital spending focus has shifted from new space to existing space and the envelope and mechanical needs inside these spaces.
- USM is unable to meet target levels with Annual Stewardship funds alone.
- As a result, backlog of need is growing at a more rapid rate than peers.



#### **Operational Effectiveness**

- Planned Maintenance is one of lowest in peer group; implementation of IWMS will increase tracking of Planned Maintenance.
- Energy consumption is among lowest in peer group and continually below peers each year.

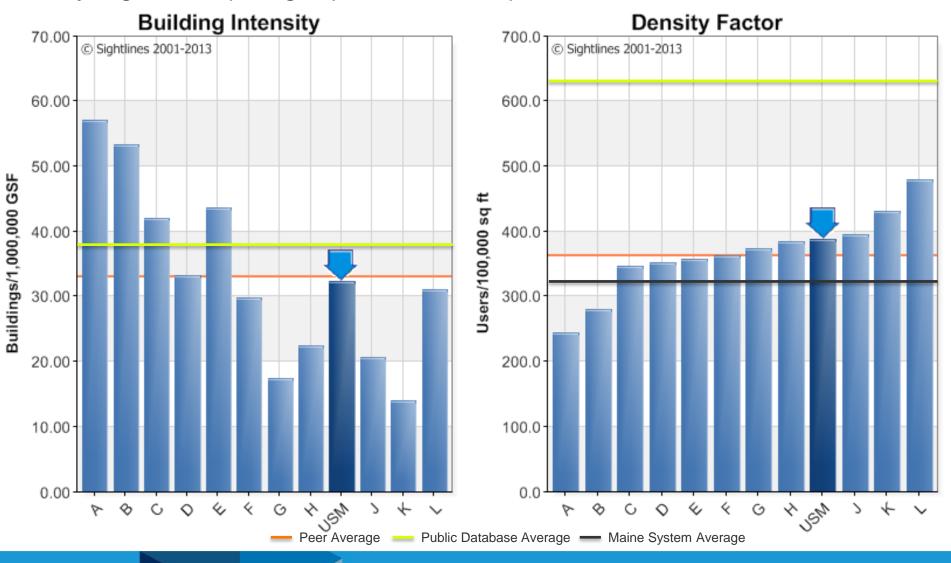




# **Physical Portfolio**

### Key drivers of facilities metrics

Density aligned with peer group but well below public database



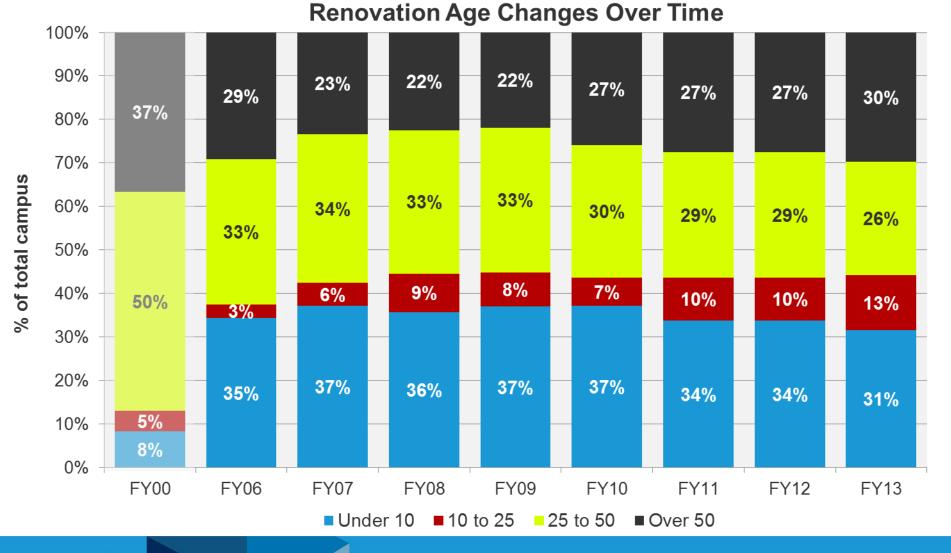




## **Evolution of building age at Southern Maine**



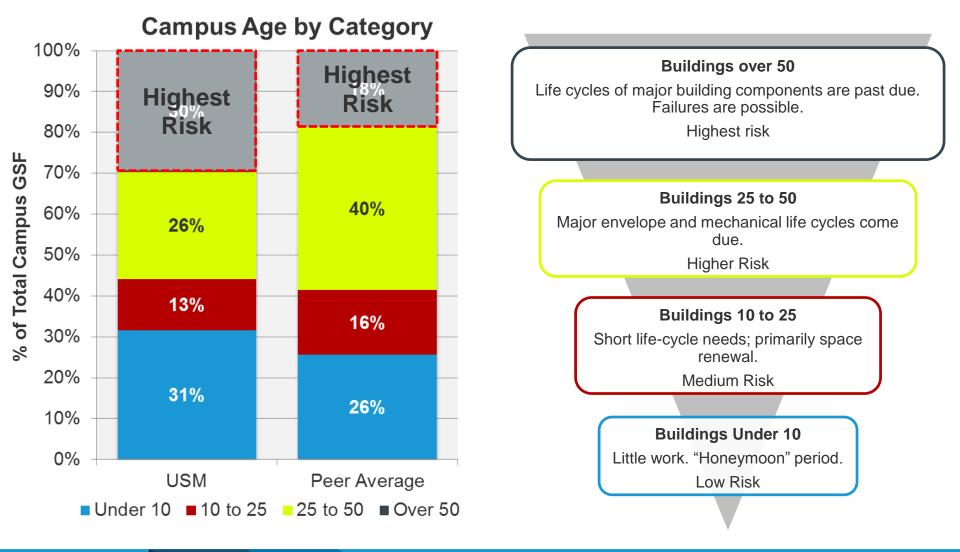
Renos & new space shift age dramatically since FY00, over 50 beginning to grow





### **USM** has a more favorable age distribution

30% of campus in highest risk renovation age category

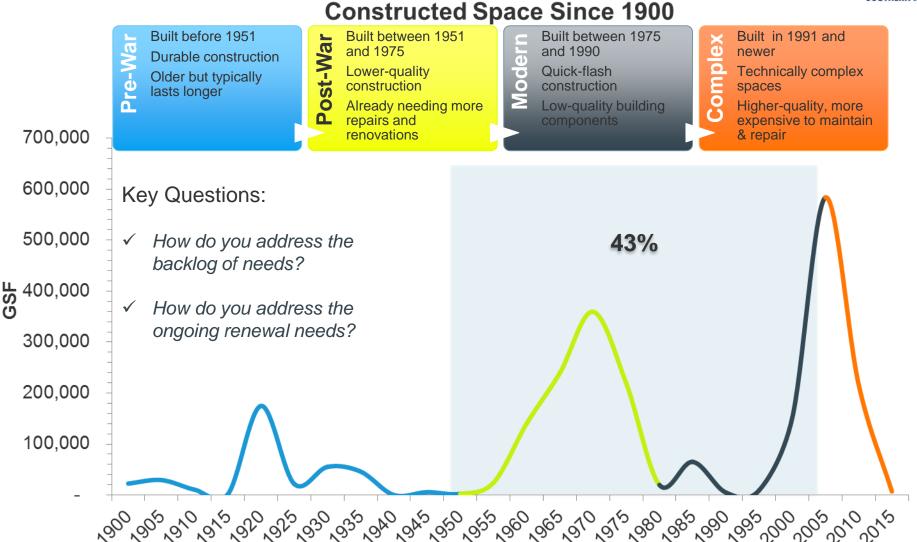






#### Age profile impacts future capital strategy







#### Campus space over 50 years old

#### Utilization data collected for all buildings over age 50



# Utilization template distributed to, and completed by, each institution in the system.

Institution Name	Building Name 💌	Campus 🔻	GSF 斗	Program Use	Historic 🔻	Utilization Rate 🕶	Condition <b>•</b>	Value to Program
University of Southern Maine	Glickman Library-Orig	Portland	110,243	Other	No	1: High	1: Excellent Condition	1: Valuable
University of Southern Maine	Robie-Andrews Hall	Gorham	78,122	Student Life	Yes	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Bailey Hall	Gorham	73,516	Science Building	No	1: High	3: Poor Condition	1: Valuable
University of Southern Maine	Upton-Hastings Hall	Gorham	55,567	Student Life	No	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Payson Smith Hall	Portland	52,603	Other	No	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Corthell Hall	Gorham	49,392	Other	Yes	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Forest Ave-501	Portland	26,157	Other	No	2: Moderate	1: Excellent Condition	1: Valuable
University of Southern Maine	Woodward Hall	Gorham	20,709	Student Life	No	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Russell Hall	Gorham	18,764	Student Life	No	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Stone House	Freeport	15,177	Other	No	3: Low	3: Poor Condition	2: Moderately Valuable
University of Southern Maine	Admissions-Phinney House	Gorham	10,811	Other	No	1: High	2: Fair Condition	1: Valuable
University of Southern Maine	Presidents Hse-USM	Gorham	10,528	Other	Yes	3: Low	2: Fair Condition	1: Valuable
University of Southern Maine	Bedford St-025, Facmgt	Portland	9,722	Other	No	1: High	1: Excellent Condition	1: Valuable
University of Southern Maine	College Ave-051	Gorham	9,622	Other	No	2: Moderate	2: Fair Condition	1: Valuable
University of Southern Maine	School St-128	Gorham	8,546	Other	No	2: Moderate	2: Fair Condition	1: Valuable
University of Southern Maine	Mclellan House	Gorham	7,423	Other	No	3: Low	3: Poor Condition	2: Moderately Valuable
University of Southern Maine	Academy Bldg	Gorham	7,203	Other	Yes	1: High	3: Poor Condition	1: Valuable

The following slides will dig deeper into some of the buildings on this list.



### Analyzing highest risk space at USM

#### Strategies should focus on buildings with poor condition



Building Name:	Campus	GSF:	Utilization Rate:	Condition:	Value to Program:
Robie-Andrews Hall	Gorham	78,122	High	Fair	Valuable
Bailey Hall	Gorham	73,516	High	Poor	Valuable
Upton-Hastings Hall	Gorham	55,567	High	Fair	Valuable
Corthell Hall	Gorham	49,392	High	Fair	Valuable
Woodward Hall	Gorham	20,709	High	Fair	Valuable
Russell Hall	Gorham	18,764	High	Fair	Valuable
Admissions-Phinney House	Gorham	10,811	High	Fair	Valuable
Presidents Hse-USM	Gorham	10,528	Low	Fair	Valuable
Mclellan House	Gorham	7,423	Low	Poor	Moderately Valuable
Academy Bldg	Gorham	7,203	High	Poor	Valuable
Chamberlain Ave-001	Portland	5,557	Low	Fair	Moderately Valuable
College Ave-019	Gorham	4,109	Low	Fair	Moderately Valuable
Deering Ave-222	Portland	3,420	Low	Poor	Moderately Valuable
Chamberlain Ave-011	Portland	3,133	Low	Fair	Moderately Valuable
The Farmhouse	Portland	3,095	Low	Poor	Moderately Valuable
Chamberlain Ave-019	Portland	2,706	Low	Fair	Moderately Valuable
Granite St-011	Portland	1,845	Low	Poor	Of Little or No Value
Print Making Studio	Gorham	1,526	Low	Fair	Valuable



#### Match needs to building condition

#### USM facilities over 50 years old



#### **Building vs. Utilization** High Admissions - Phinney House **Corthell Hall** Academy Building **Payson Smith Hall** Bedford St – 025, Fac. Mgmt. **Bailey Hall Robie-Andrews Hall Glickman Library Russell Hall Upton-Hastings Hall** Woodward Hall **Utilization Rate** Bedford St - 092 College Ave - 051 Bedford St - 094 Deering Ave – 228 Moderate Bedford St - 098 Exeter St - 045 Bedford St – 102 Exeter St – 047 Exeter St – 055 Art Gallery Exeter St - 049-051 Bedford St - 106 Forest Ave - 501 Bedford St - 118 Exeter St - 059-061 Bedford St – 120 Exeter St - 063-065 Bedford St - 126 School St - 062, 128 The Farmhouse Chamberlain Ave - 001 Deering Ave – 222 Chamberlain Ave - 011 Granite St - 011 Chamberlain Ave - 019 Exeter St - 039 McLellan House College Ave - 019 Stone House **Presidents House Print Making Studio** Low\_ **Condition of Buildings** Poor Excellent Fair



htlines

#### Identifying spaces worth addressing

#### Focus investments on highly utilized space with the most need Building vs. Utilization

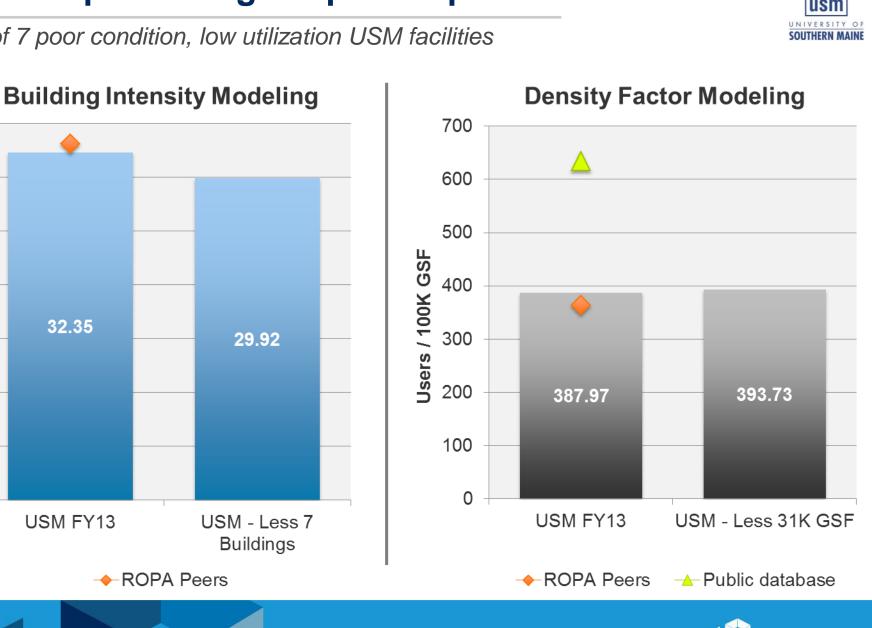
		Building vs. Utilization				
High	Academy Building Bailey Hall <b>80,719 GSF</b>	Admissions - Phinney House Corthell Hall Payson Smith Hall Robie-Andrews Hall Russell Hall Upton-Hastings Hall Woodward Hall	Bedford St – 025, Fac. Mgmt. Glickman Library			
Utilization Rate Moderate	Art Gallery	$\begin{array}{llllllllllllllllllllllllllllllllllll$	Exeter St – 055 Forest Ave - 501			
Low	The Farmhouse Deering Ave – 222 Granite St – 011 McLellan House Stone House <b>30,960 GSF</b>	Chamberlain Ave – 001 Chamberlain Ave – 011 Chamberlain Ave – 019 College Ave – 019 Presidents House Print Making Studio	Exeter St – 039			
Condition of Buildings						
	Poor	Fair	Excellent			



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### How campus change impacts operations

Loss of 7 poor condition, low utilization USM facilities



25 Buildings / 1M GSF 20 32.35 15 10 5 0 USM FY13 ROPA Peers 15

35

30

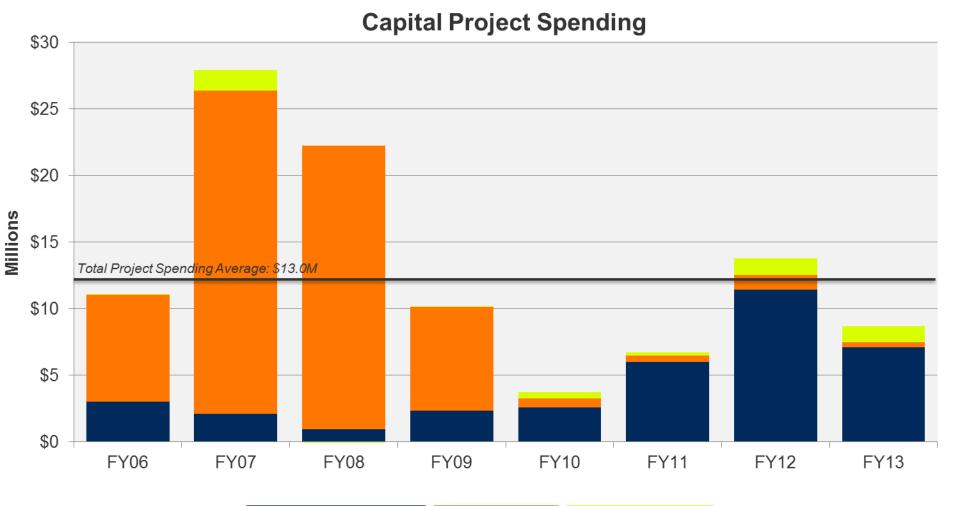


# **Asset Value Change**

### Focus shifts from New Space to Existing Space



Total FY13 investment = \$8.7M



Existing Space

New Space

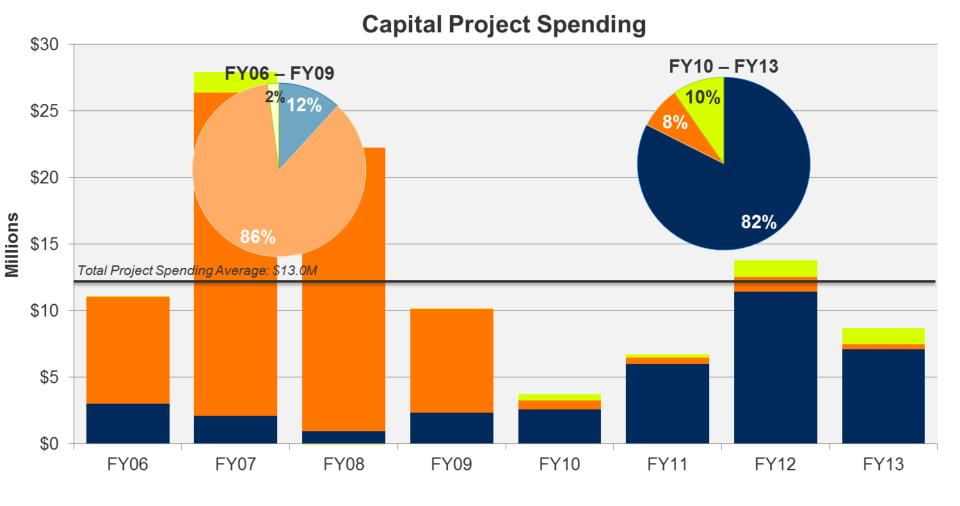
Non-Facilities



### Focus shifts from New Space to Existing Space



Total FY13 investment = \$8.7M



Existing Space

New Space

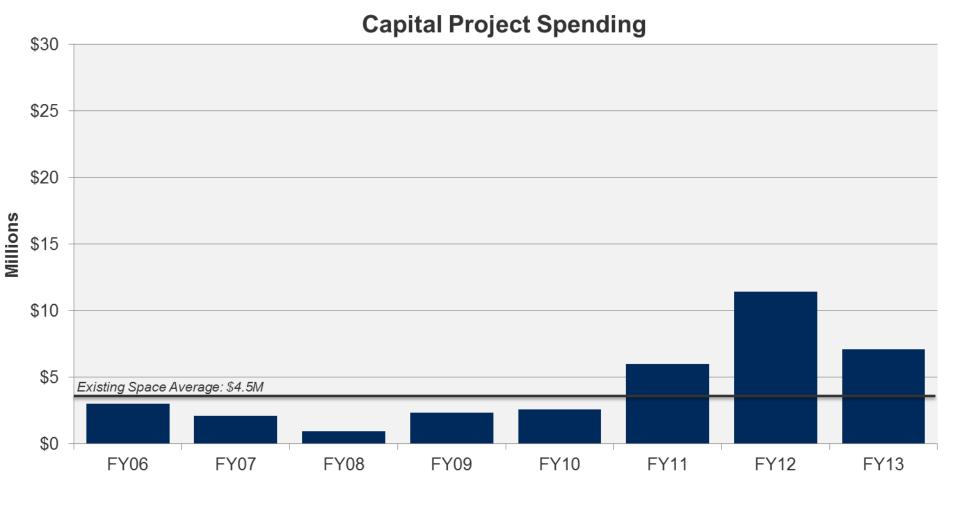
Non-Facilities



### Focus shifts from New Space to Existing Space



Total FY13 investment = \$8.7M

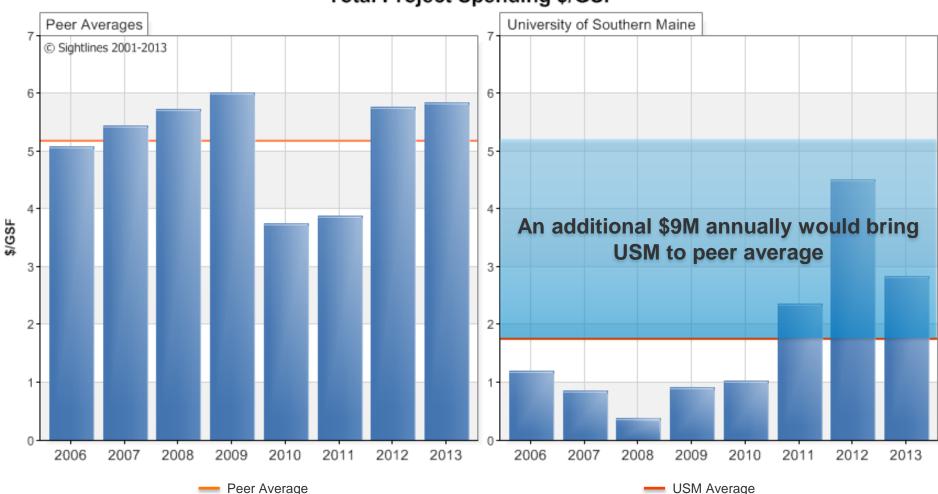


**Existing Space** 



### **Project spending at USM is volatile**

#### Historic focus on new construction results in "Catch Up" of existing space



#### Total Project Spending \$/GSF

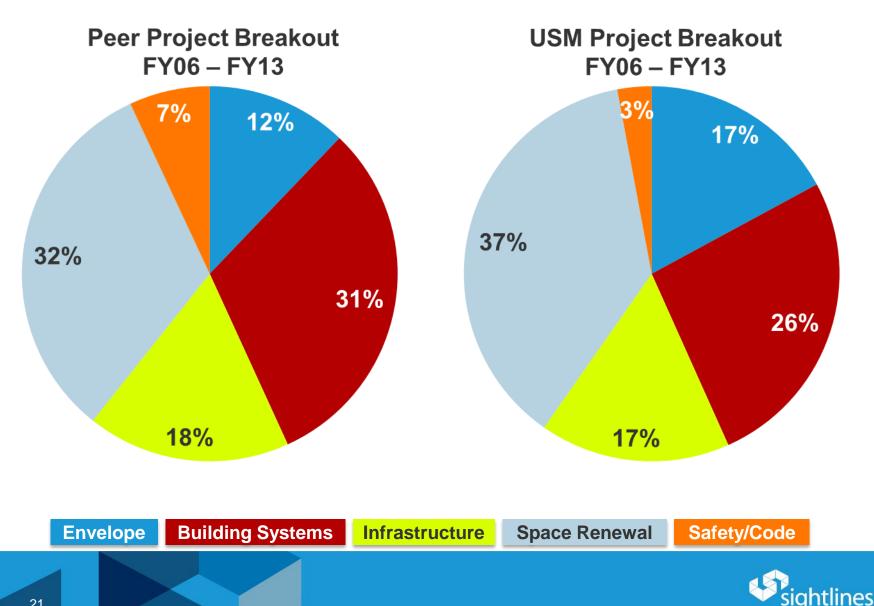


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#### Similar investment profile at USM and peers

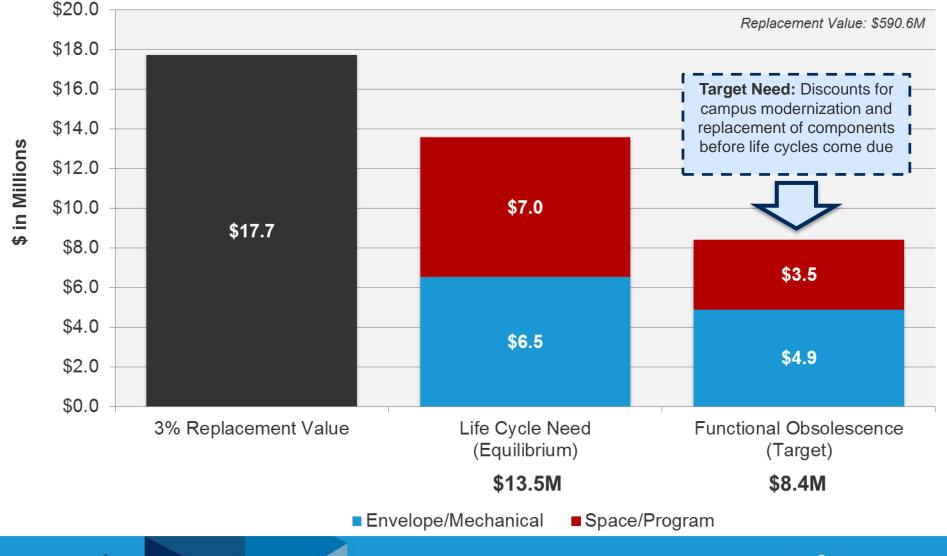




### **Defining stewardship investment targets**



What is the right investment level for Southern Maine?





#### **USM lacks dependable sources of Stewardship**



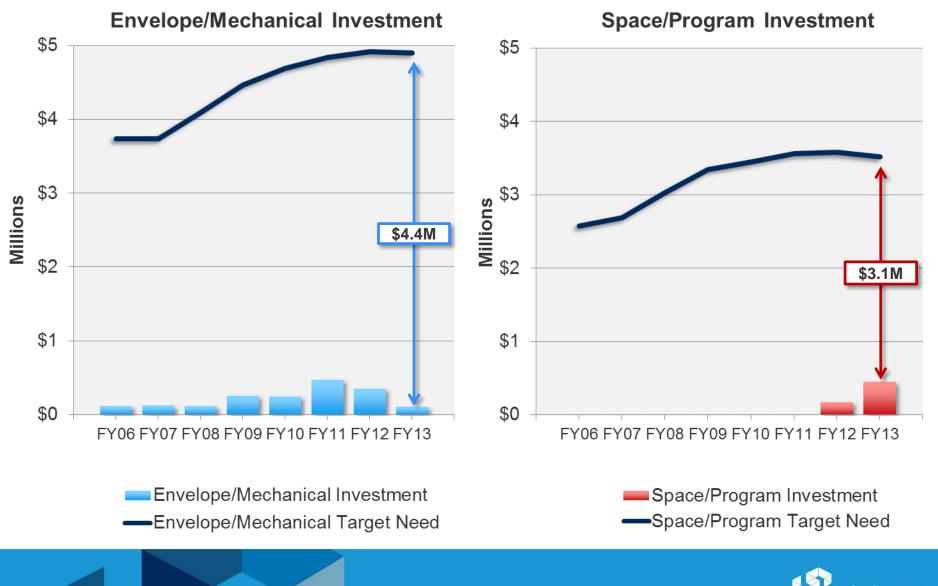
Southern Maine is unable to "Keep-Up" with renewal needs



## **Breaking out the Target investment level**



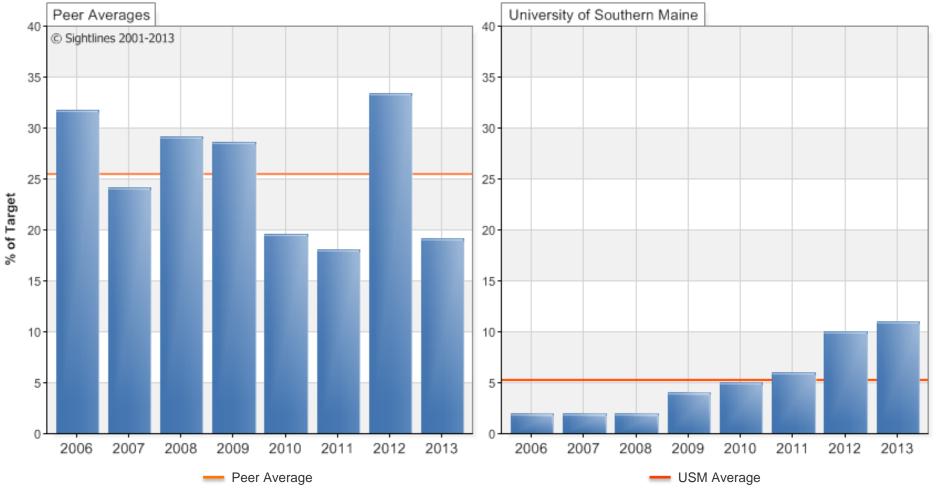
Despite not hitting target, USM allocates AS funds towards durable projects



### **Annual Stewardship as a percent of target**

Peers come closer to meeting target needs each year than USM





#### Total Annual Stewardship



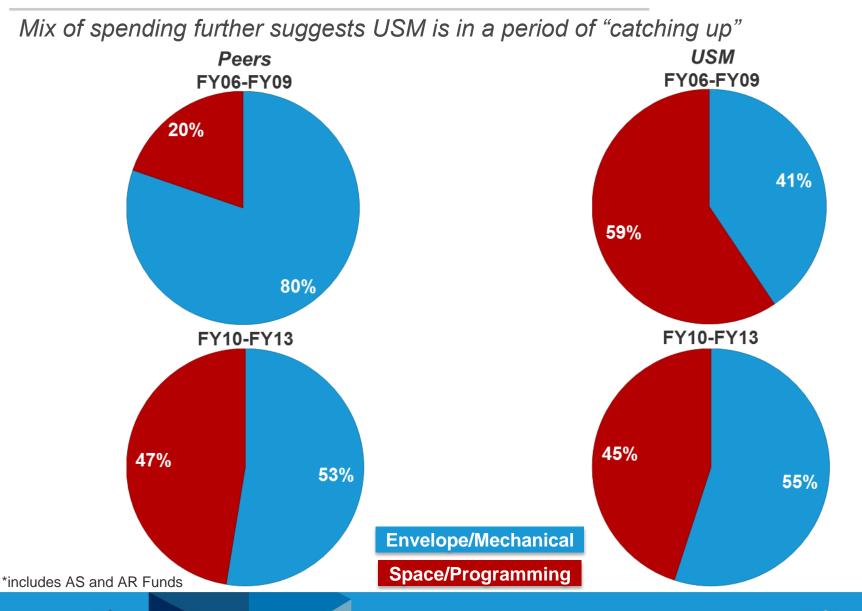
### **One-Time funds help bring USM closer to targets**



Exceeding target and life cycle needs once in 8 years



### USM shifts focus to secure key building components





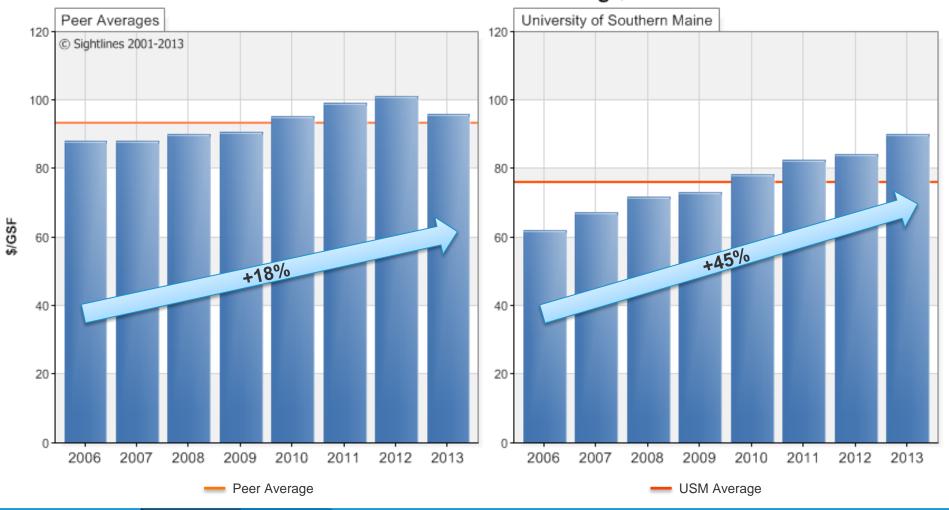
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### **Backlog growing more rapidly than peers**

#### Total backlog of need exceeds \$225M in FY13





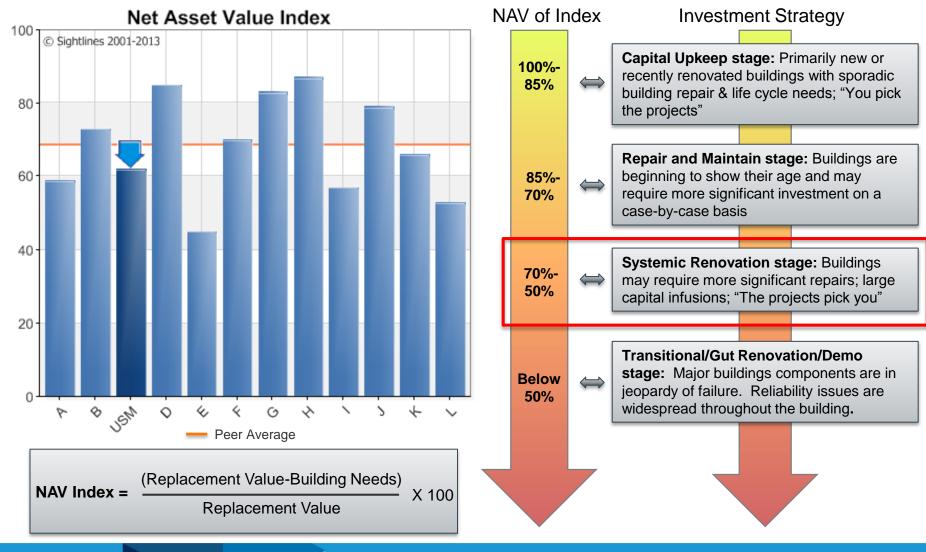
#### Total Asset Reinvestment Backlog \$/GSF



28

### **Growing backlog decreases NAV**

#### Net Asset Value at USM in the Systemic Renovation stage







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%

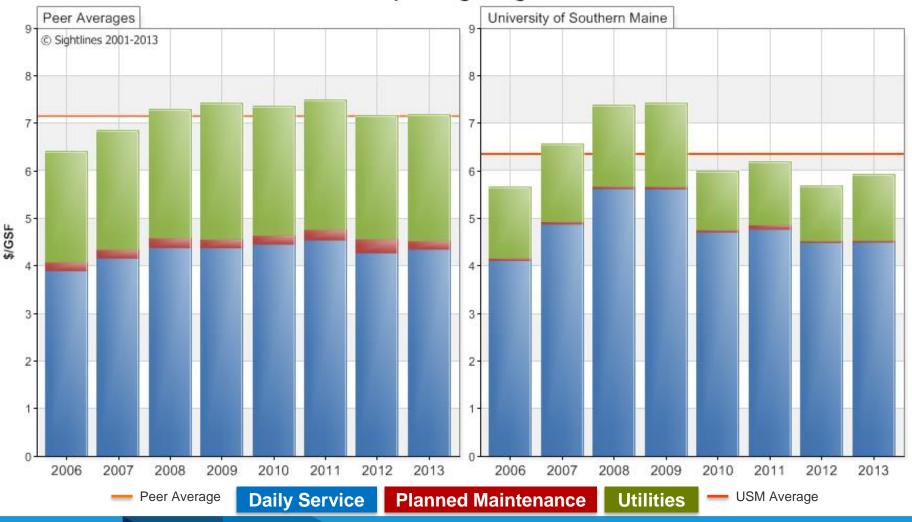


# **Operations**

### **Overall operating levels below peer average**

#### FY13 expenditures \$1/GSF below peer levels

#### **Facilities Operating Budget Actuals**

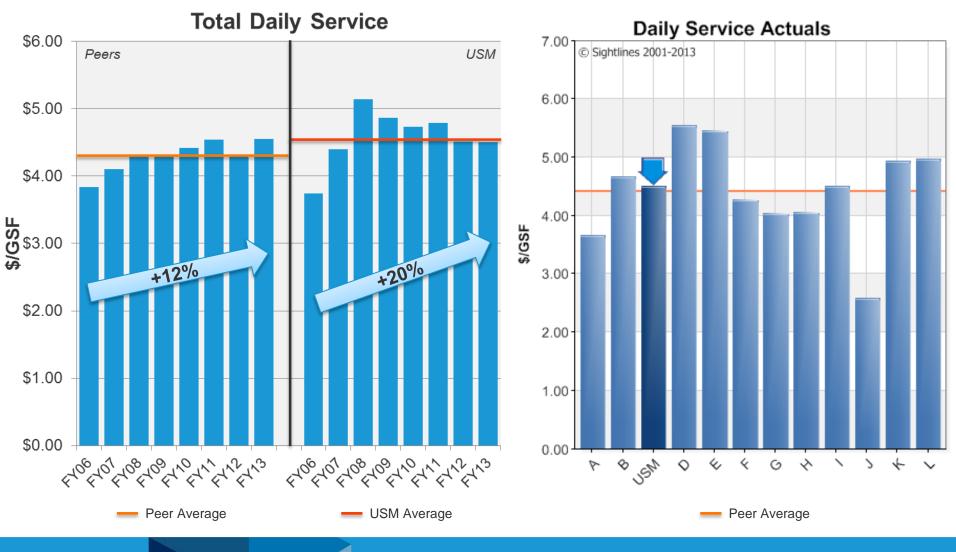






### **Daily Service reaches peer average in FY13**

Daily service appears to stabilize from FY12 to FY13



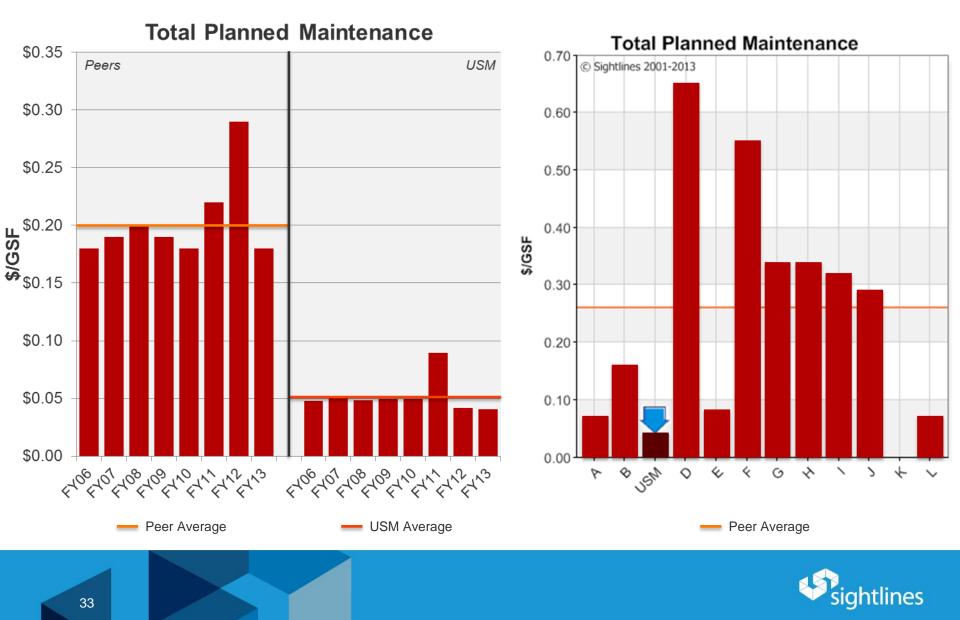




32

### PM among lowest in peer group

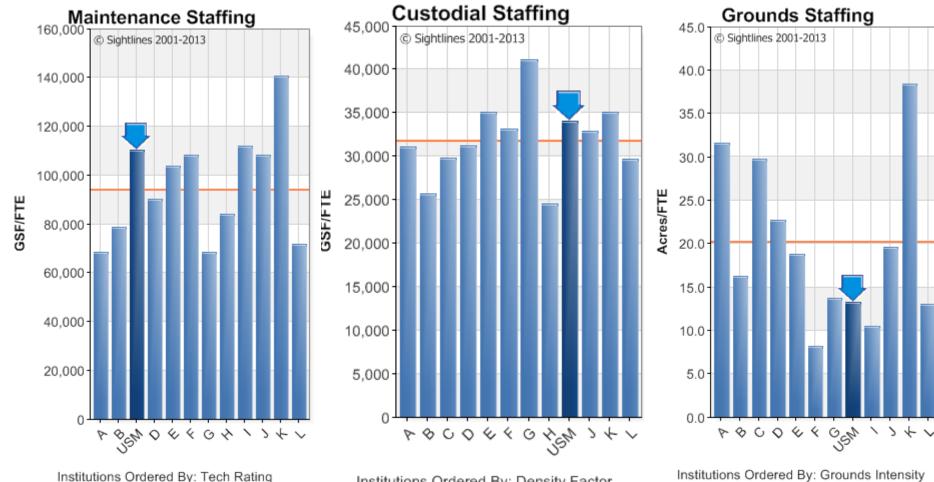
Implementation of IWMS will increase tracking of Planned Maintenance



### **Custodial & Maintenance staff cover more space**



#### Urban setting presents more challenging grounds care



Institutions Ordered By: Density Factor

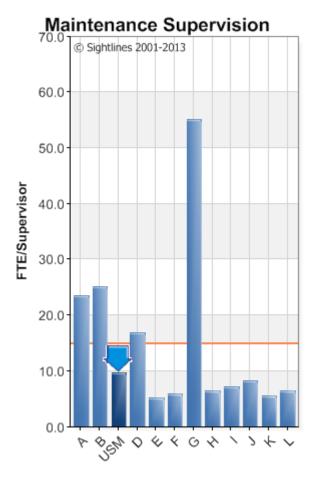
Institutions Ordered By: Grounds Intensity

Peer Average

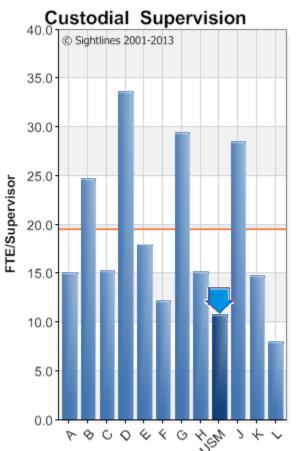


#### Heavier sup. lessens strain of higher coverage on GSF/FTE

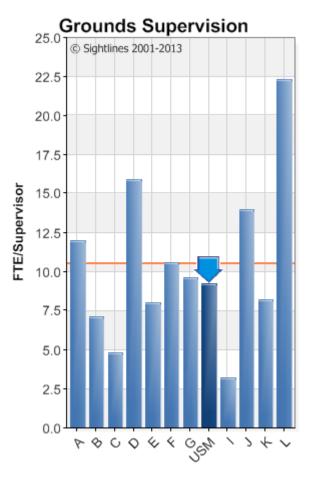




Institutions Ordered By: Tech Rating



Institutions Ordered By: Density Factor



Institutions Ordered By: Grounds Intensity

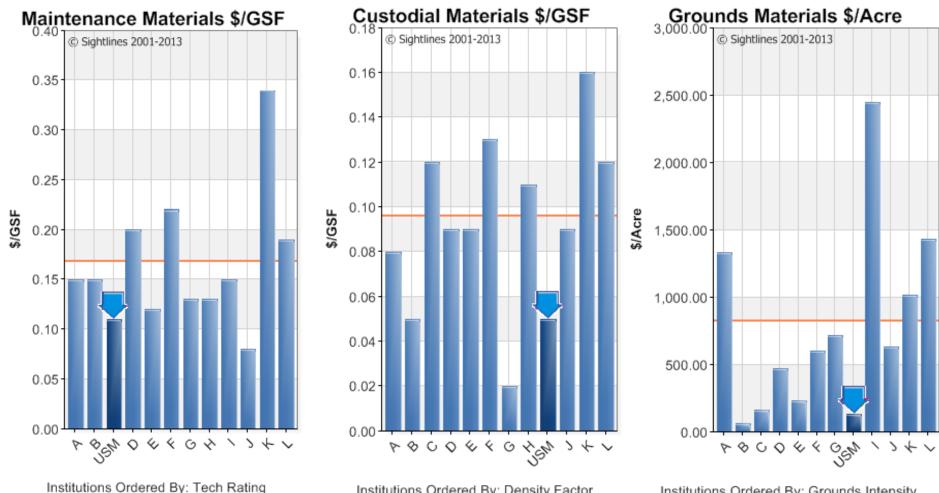
- Peer Average



#### Fewer resources for staff



#### Limited material spending impacts inspection scores across the board

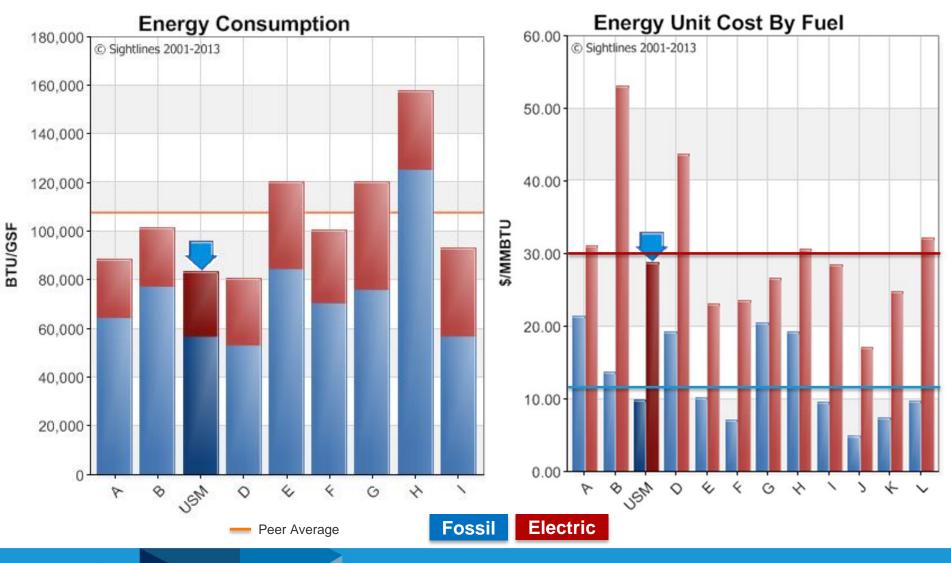


Institutions Ordered By: Density Factor Institutions Ordered By: Grounds Intensity
Peer Average



### **Consumption among lowest in peer group**

#### USM benefits from lower unit costs compared to peers



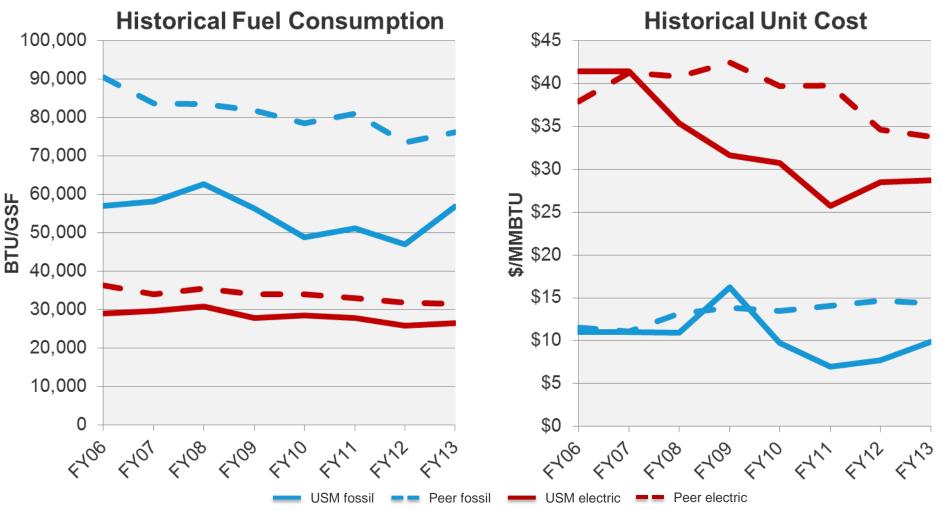




### **Energy conservation continues to be a highlight**



USM has decreased consumption by 11% since peak in FY08



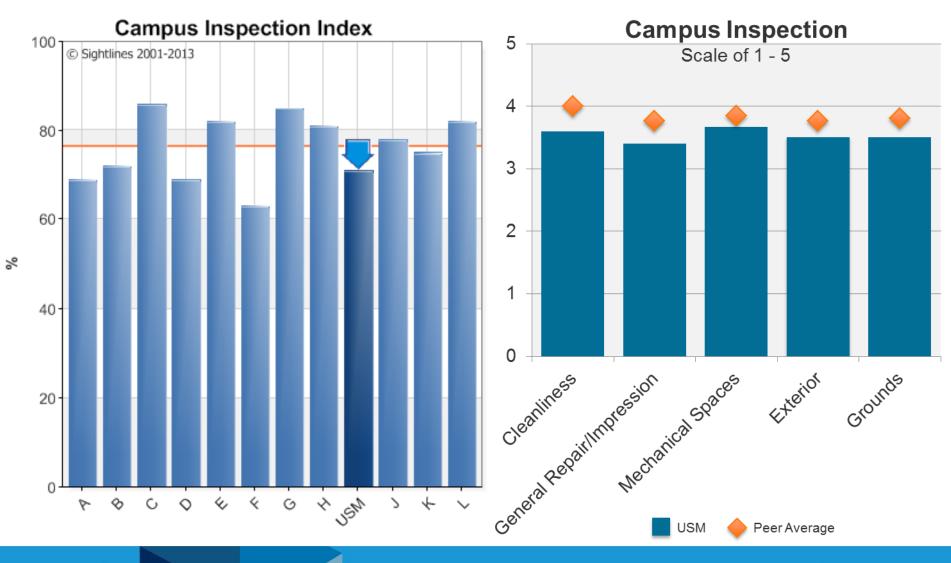
**Energy Peers**: Fitchburg State University, Framingham State University, Keene State College, Mount Holyoke College, Plymouth State University, The University of Maine, University of Massachusetts Dartmouth, Worcester State University



## Age of campus plays important role in inspection



#### Pockets of opportunity exist at USM





#### **FY13 campus inspection photos**

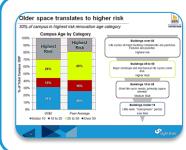






### **Concluding Comments for Southern Maine**





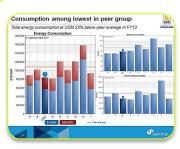
#### **Physical Portfolio**

- USM's density calculation suggest some flexibility in addressing buildings over 50 with poor condition and low utilization. USM should consider renovating spaces with high utilization and poor condition.
- Buildings under 25 have ongoing renewal needs that if addressed through PM and recurring funds on an annual basis can extend the useful life of costly building components.



#### Asset Value Change

- Due to large investments into new construction from FY06-FY09 USM is in a period of "Catch-Up" where Annual Stewardship funds are playing dual roles.
- Growing the Annual Stewardship funds to address the ongoing renewal or "Keep-Up" needs of buildings will be critical to ensure buildings run at peak performance.



#### **Operational Effectiveness**

- Implementation of the IWM system will provide USM the tools to track and grow the internal Planned Maintenance program. This data will be helpful in understanding the different needs of buildings and assist in future project selections.
- Continuing to reduce energy consumption will increase cost savings that should be recycled back into the operating budget for PM work.





# **Questions & Comments**