# THE COLLEGEOF WILLIAM & MARY MASTER PLAN

# PUBLIC CLASSROOM ANALYSIS





10 April 2014





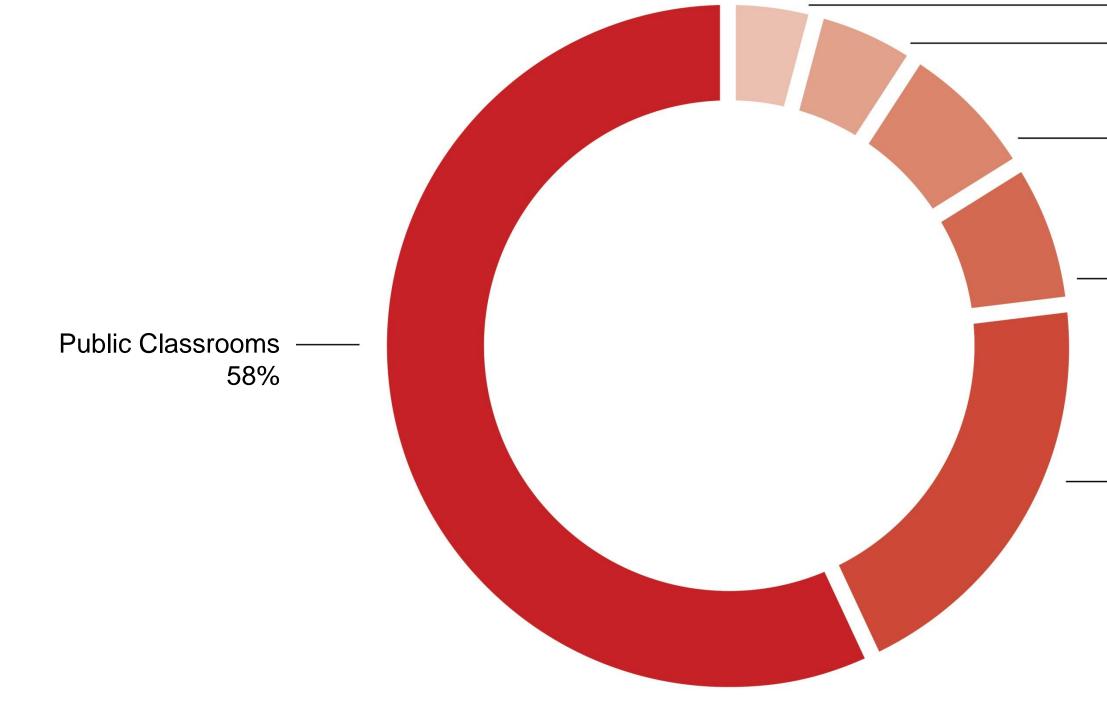


Draper Aden Associates



VHB Vanasse Hangen Brustlin, Inc.

**Distribution of Weekly Scheduled Contact Hours (WSCH)** 





Other (conf., office, etc.) 4%

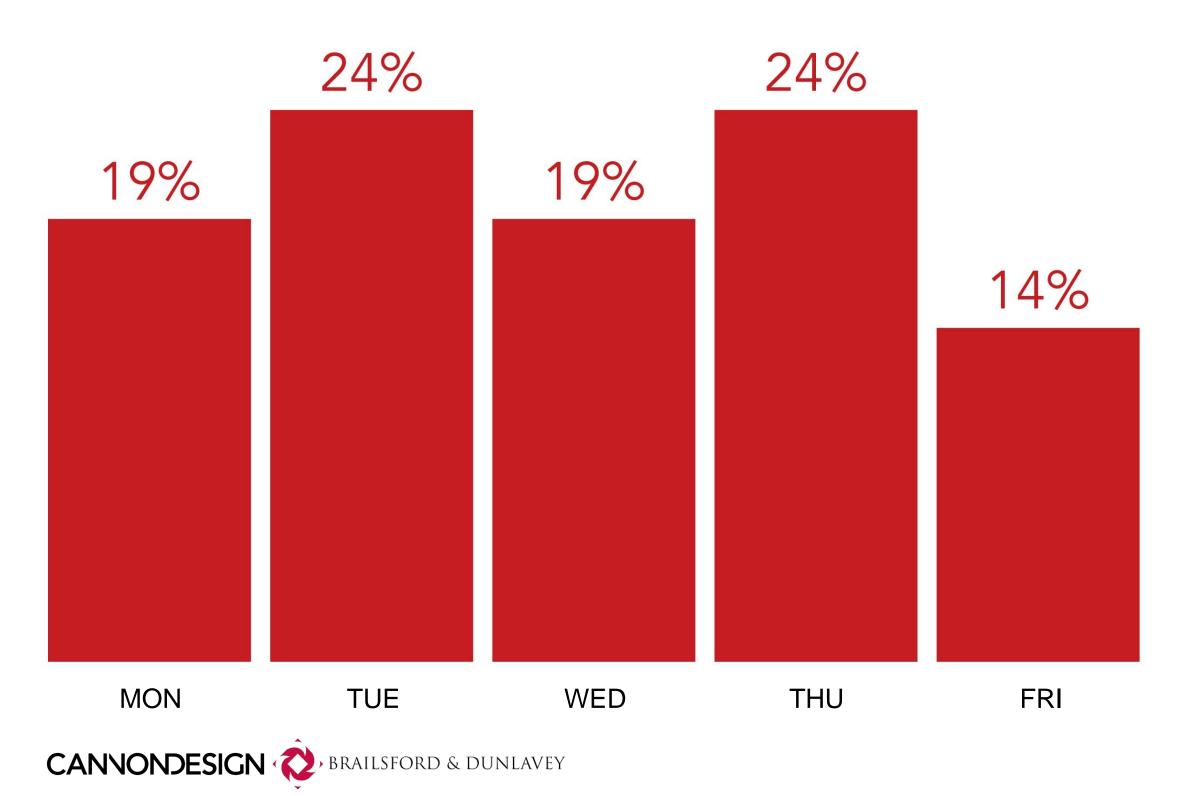
- No Space 5%
- Non-public Classrooms 8%
- Teaching Lab 8%

**Professional School** Classrooms 21%





### **Distribution of WSCH by Day of Week**







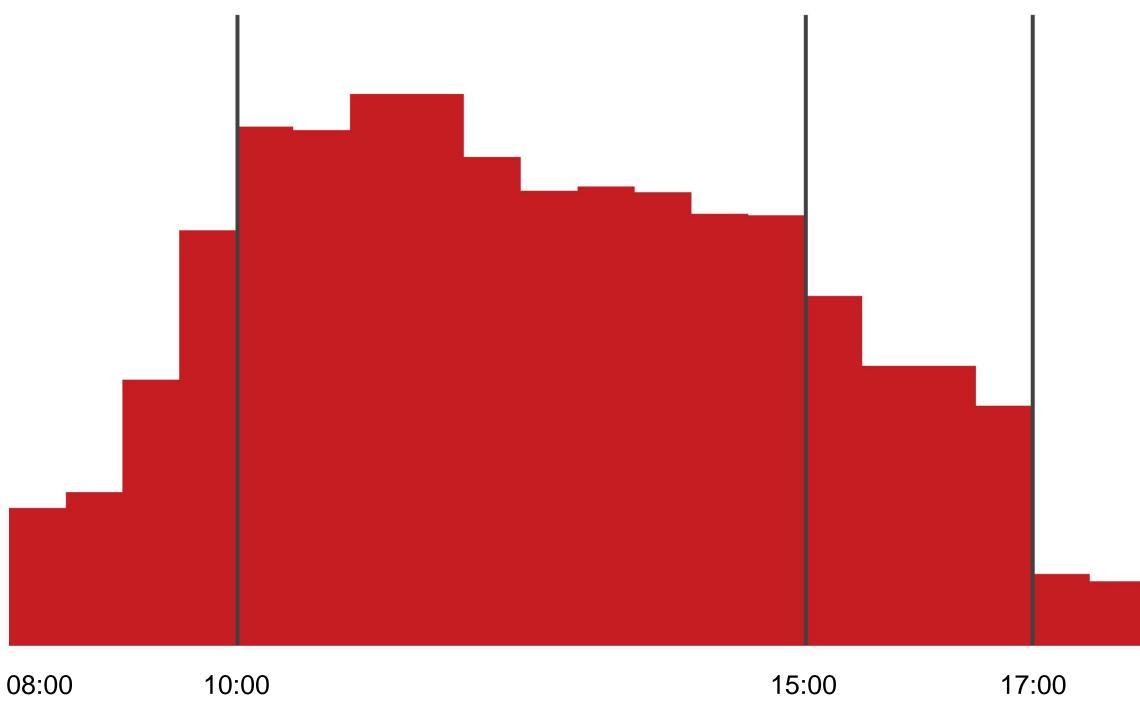


#### SUN



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## **Distribution of WSCH by Time of Day (average)**



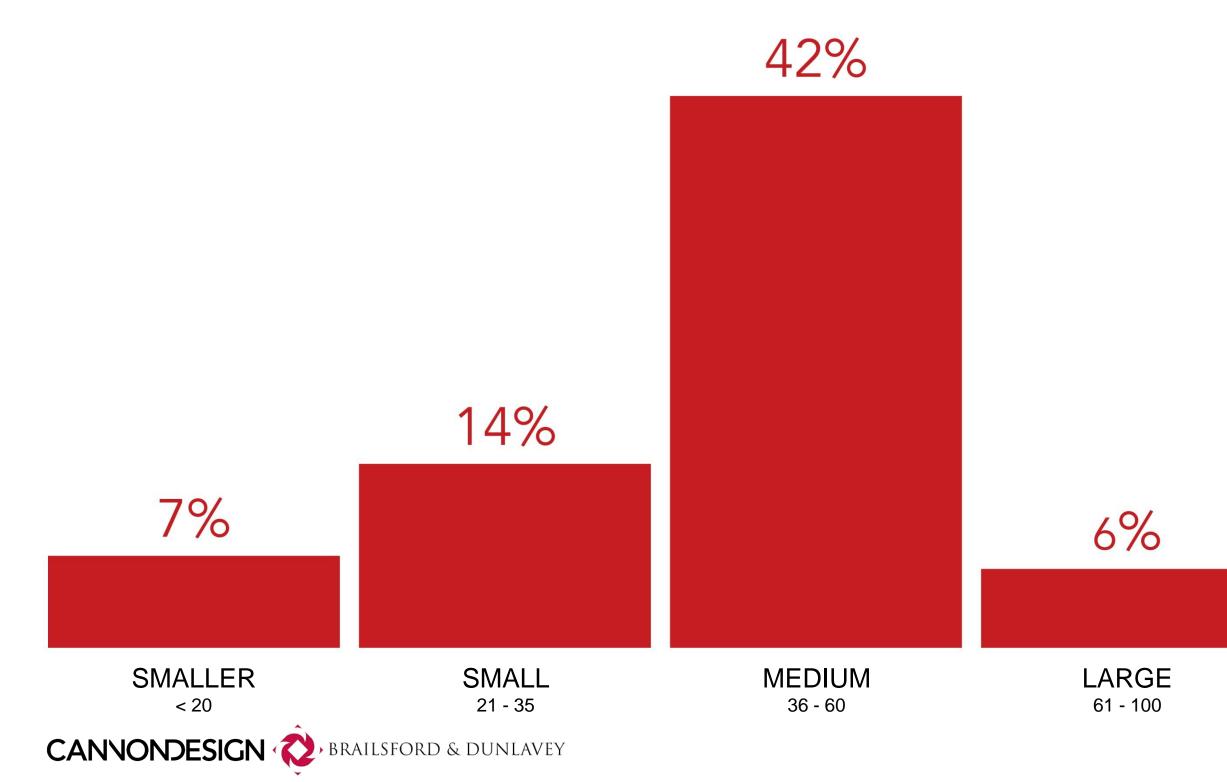




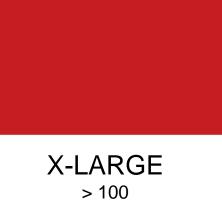


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**Distribution of WSCH by Room Size** 



# 31%



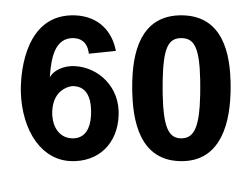


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**Space Requirement Calculation Inputs (SCHEV Targets)** 

*	<b>20</b>	40	
<b>WSCH</b>	Station Space	<b>Room Use</b>	
(varies)	(asf/station)	(hours/week)	
Smaller	21.89	20.92	
Small	19.84	31.66	
Medium	18.56	31.39	
Large	14.28	26.04	
X-Large	13.21	28.42	
Average	24.32	25.24	





#### Occupancy (%)

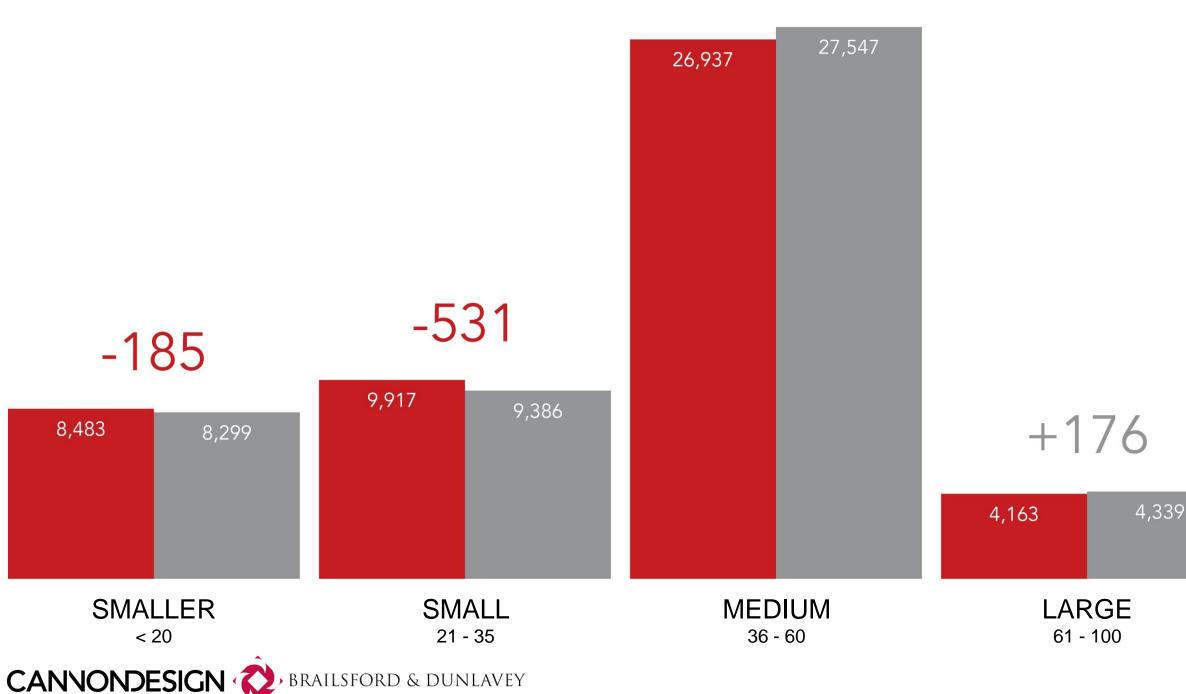
55.88 52.99 56.93 50.39 59.49 53.48





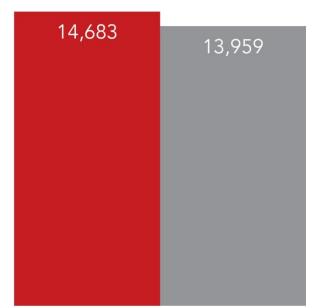
## Required Space (sq ft) vs. Existing Space (sq ft) by Room Size

CEFPI calculations based on Current Scheduling +605





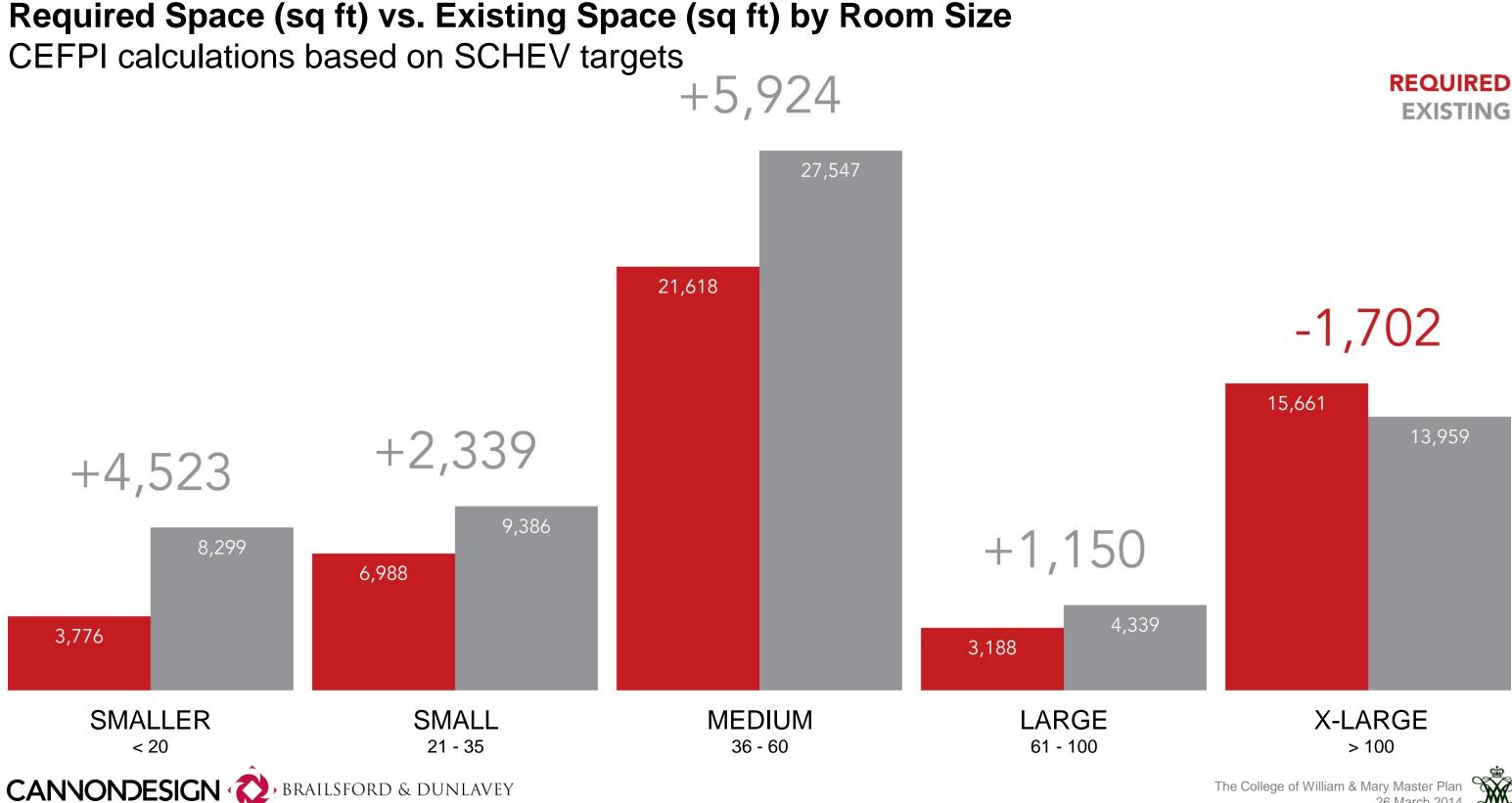








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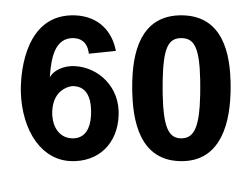


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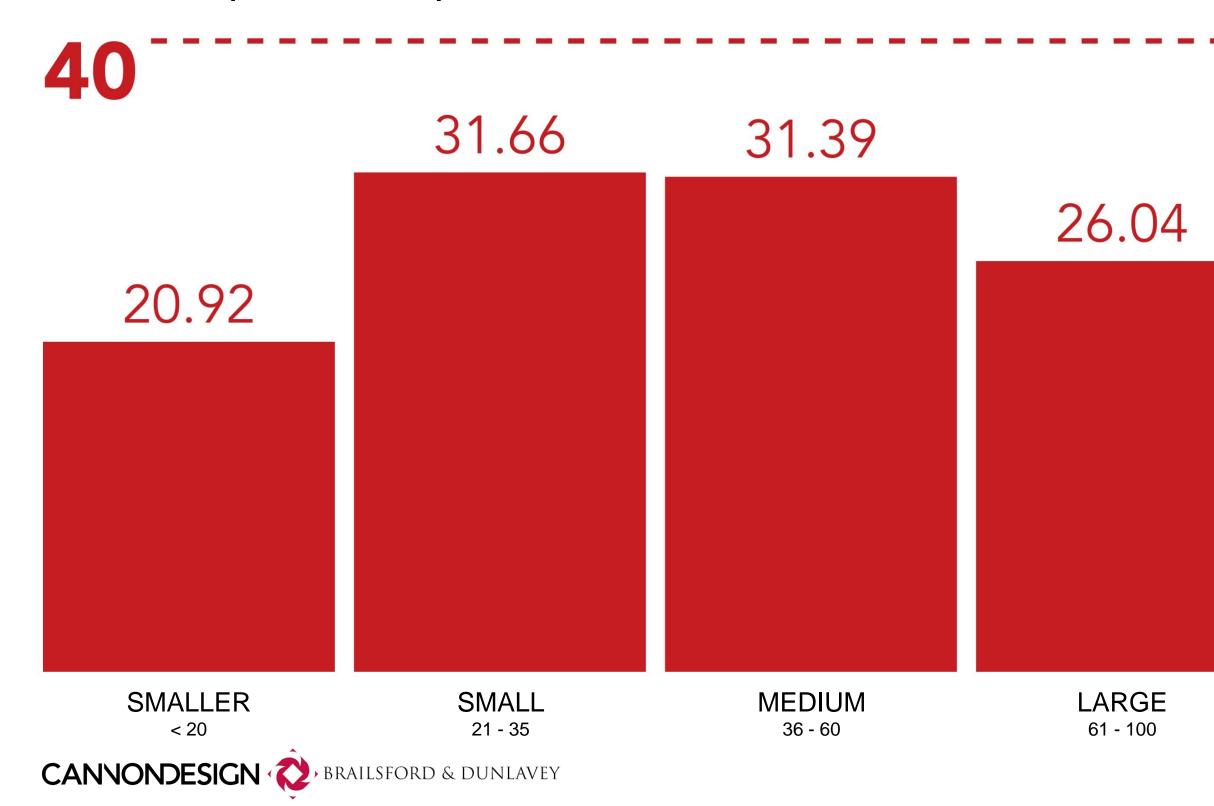
#### Occupancy (%)

55.88 52.99 56.93 50.39 59.49 53.48





#### **Room Use (Hours/Week)**



# 28.42





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**Space Requirement Calculation Inputs (SCHEV Targets)** 

*	50	24 Room Use (hours/week)	
<b>WSCH</b> (varies)	Station Space (asf/station)		
Smaller Small Average	49.60 43.73 45.58	15.10 19.41 18.09	





## Occupancy (%)

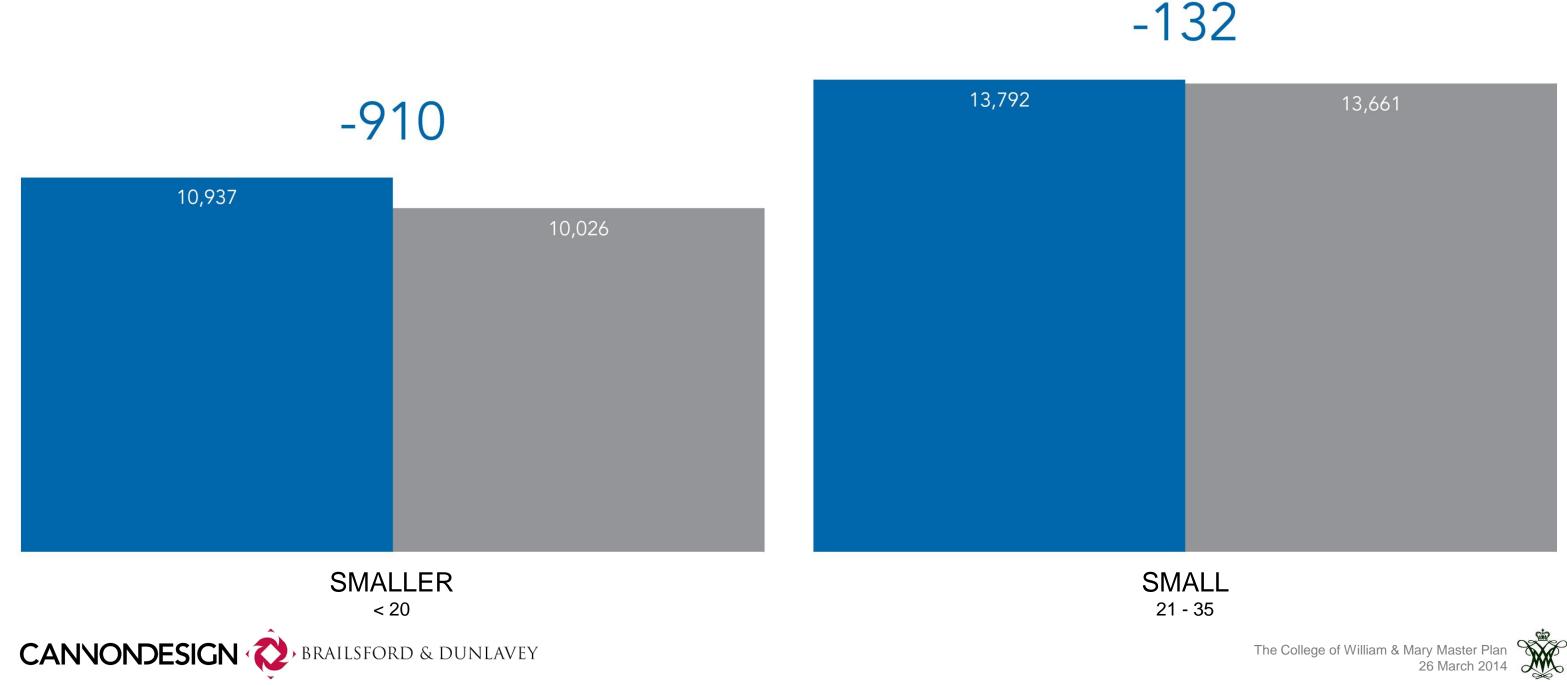
76.07 81.25 77.88





# Required Space (sq ft) vs. Existing Space (sq ft) by Room Size

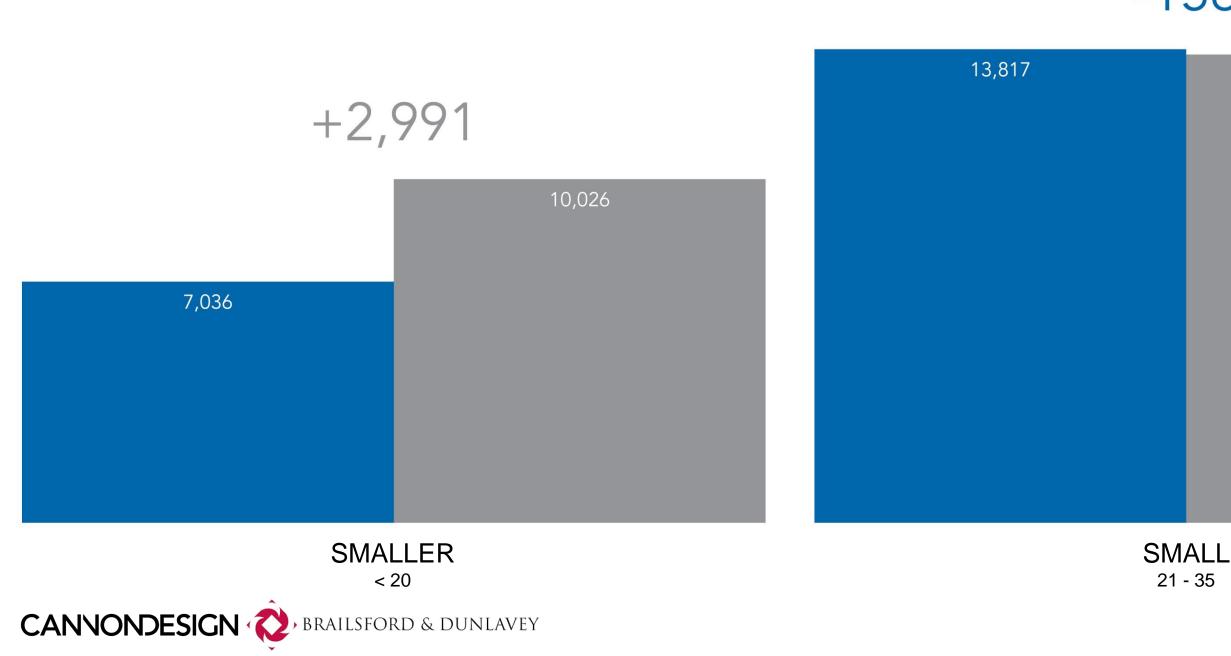
**CEFPI** calculations based on Current Scheduling





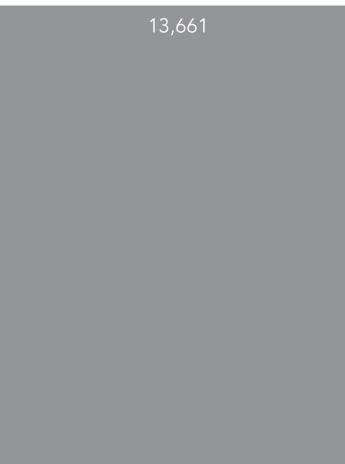


## Required Space (sq ft) vs. Existing Space (sq ft) by Room Size CEFPI calculations based on SCHEV targets











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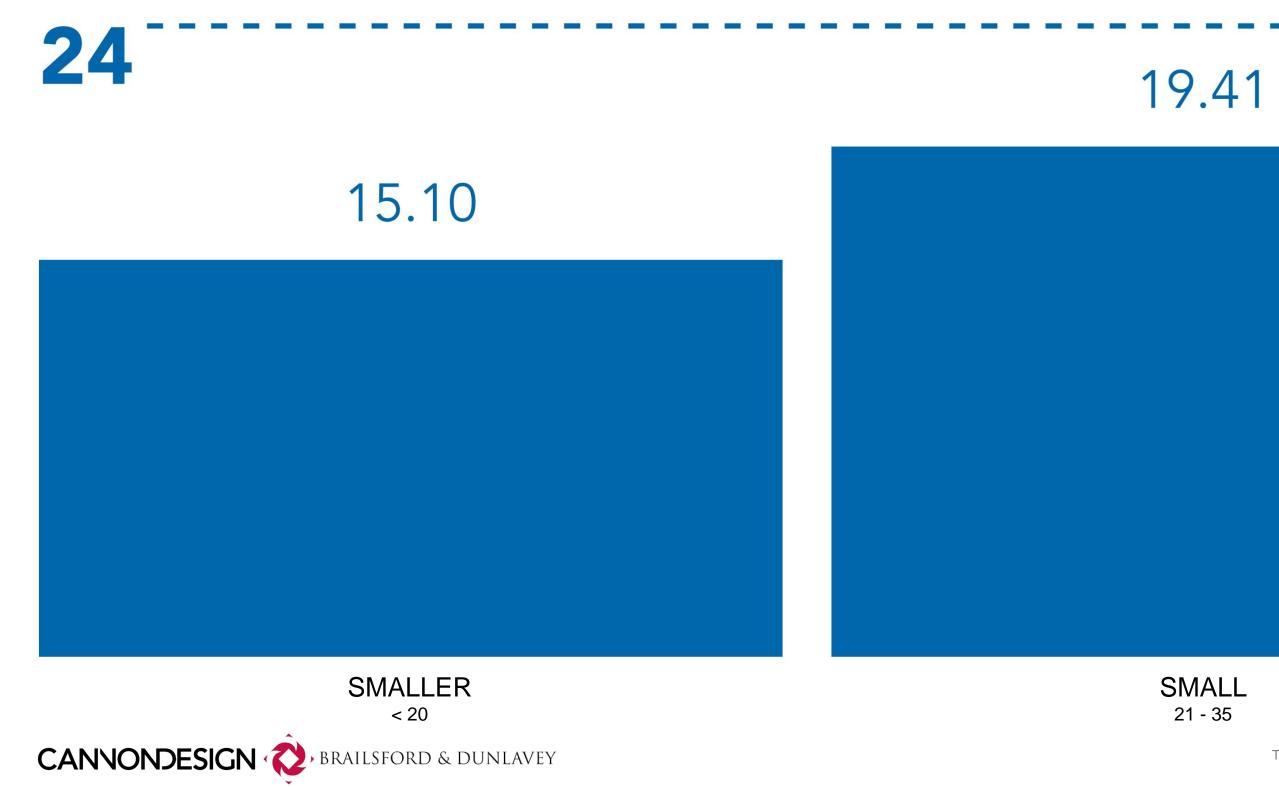
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76.07 81.25 77.88





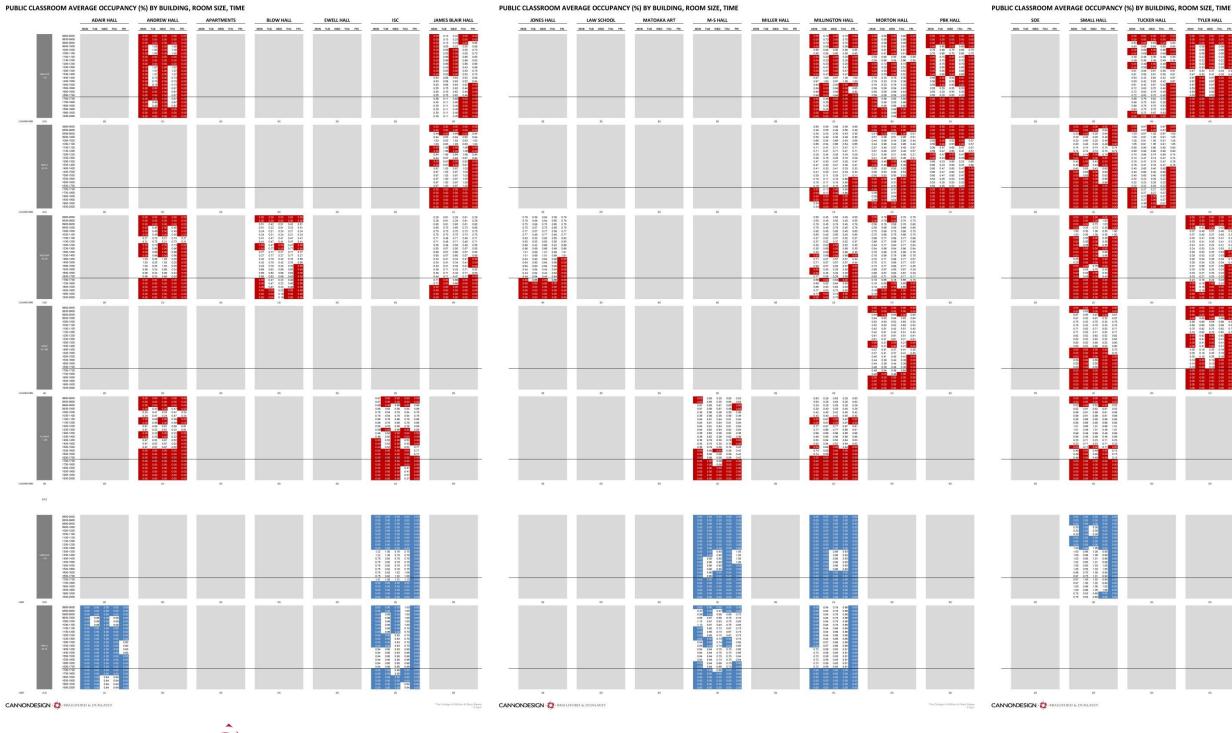
#### Room Use (Hours/Week)







#### **Public Classroom 'DNA'**



**CANNONDESIGN** (**C**) BRAILSFORD & DUNLAVEY

TUCKER HALL	TYLER HALL	WASHINGTON HALL	WREN BUILDING	COUNT (VACANT)	AVG OCCUPANCY
				Less         1.00 <th< td=""><td>DB         Tel         BD         BD         BD         BD           00         10         00&lt;</td></th<>	DB         Tel         BD         BD         BD         BD           00         10         00<
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Manue Fan



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**Student Life Activity in Public Classrooms** 

# EMS

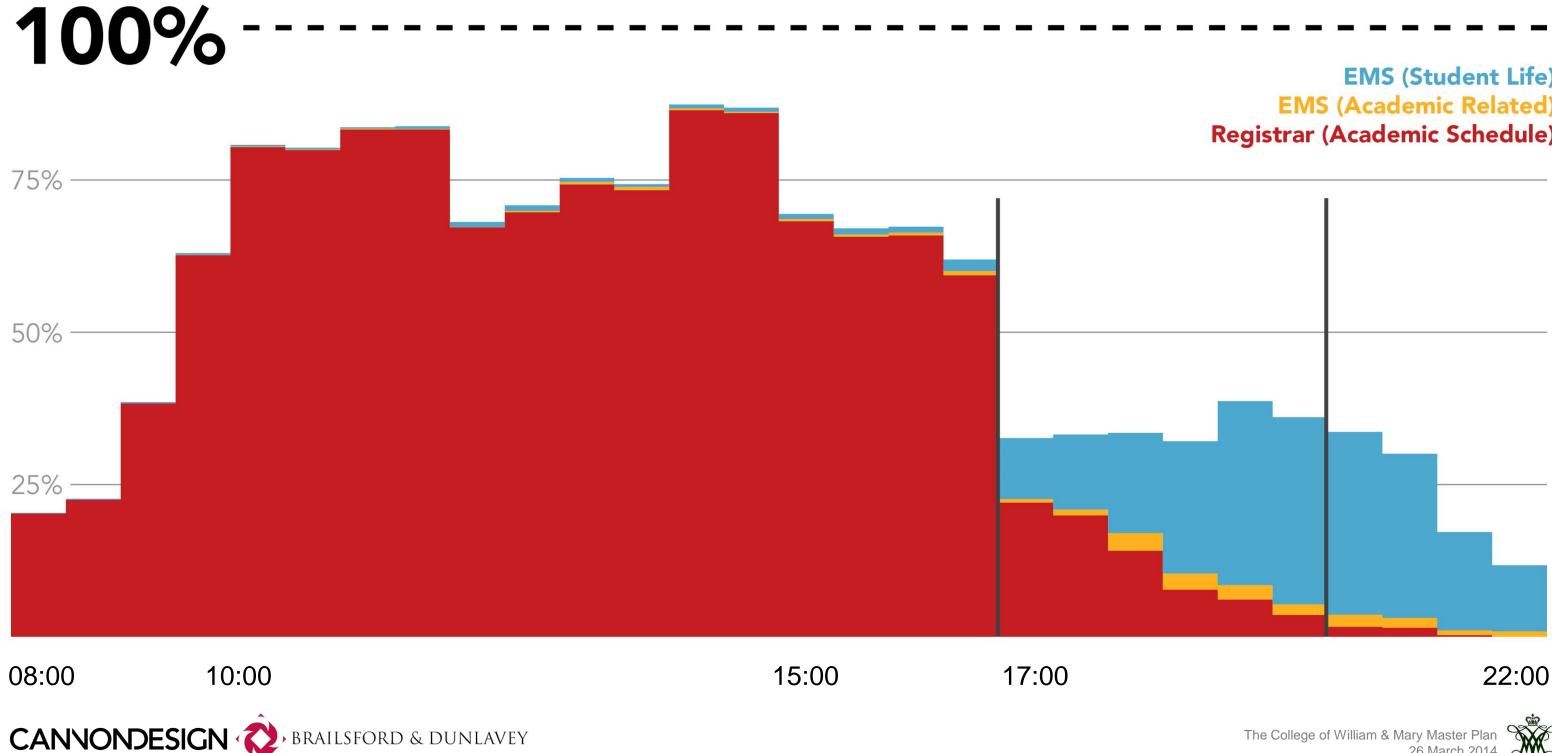
### **Events Management System**





### Total Weekday Events by Time of Day in Public Classrooms (Fall 2013)

(capacity based on 82 classrooms over 14 weeks)



#### **EMS (Student Life) EMS (Academic Related) Registrar (Academic Schedule)**





EMS Classroom Scheduling from 08:00-17:00 (Public Classrooms)

70 of 82 used for TEACHING (85%)
1 of 82 used for STUDENT LIFE (1%)

**11** of **82** not in use, VACANT (14%)









EMS Classroom Scheduling from 17:00-20:00 (Public Classrooms)

11 of 82 used for TEACHING (14%)
17 of 82 used for STUDENT LIFE (20%)

54 of 82 not in use, VACANT (66%)







