



2019 Facilities Master Plan Update – Academic Buildings

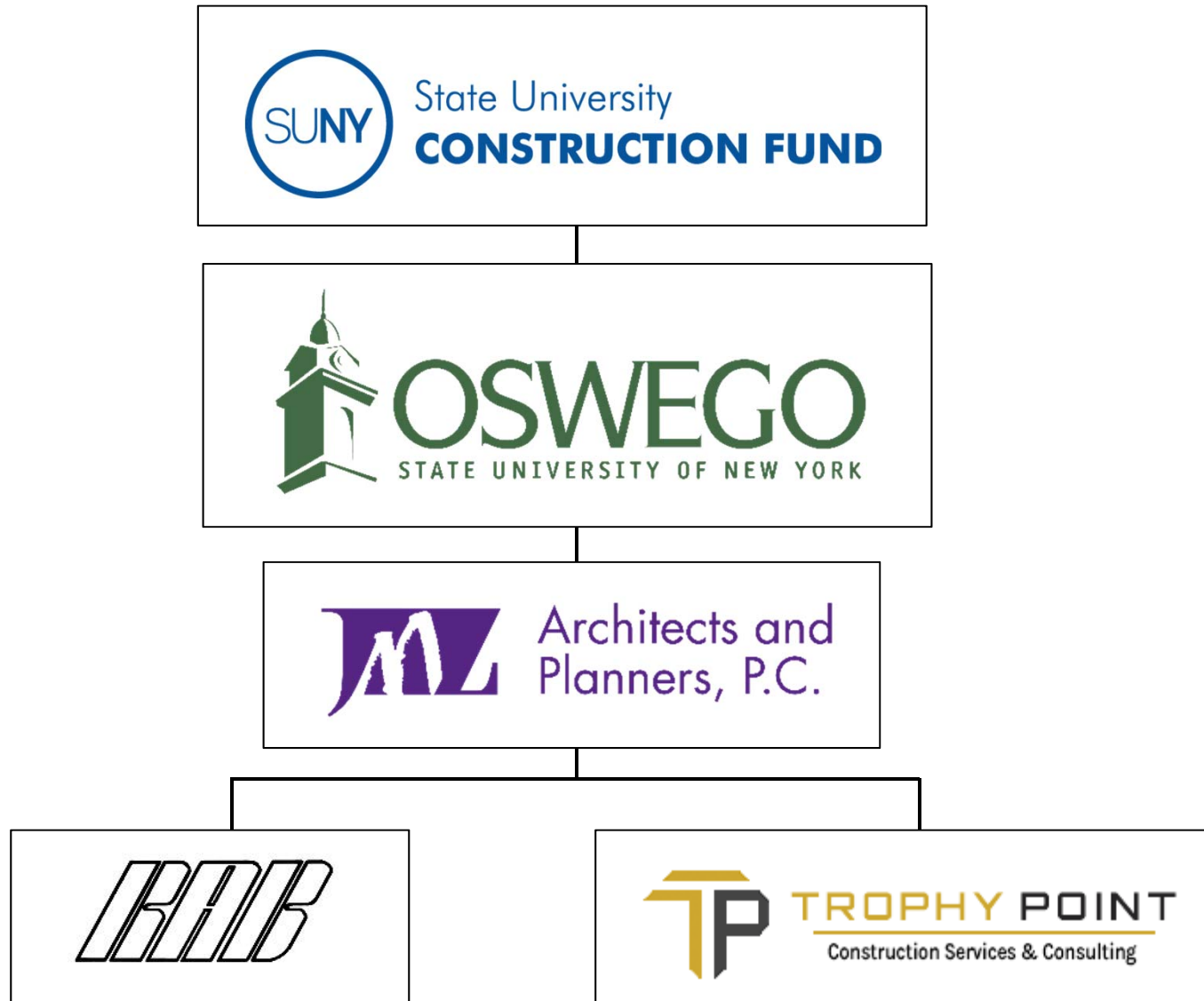
SUCF Project No. 101031

Progress Meeting

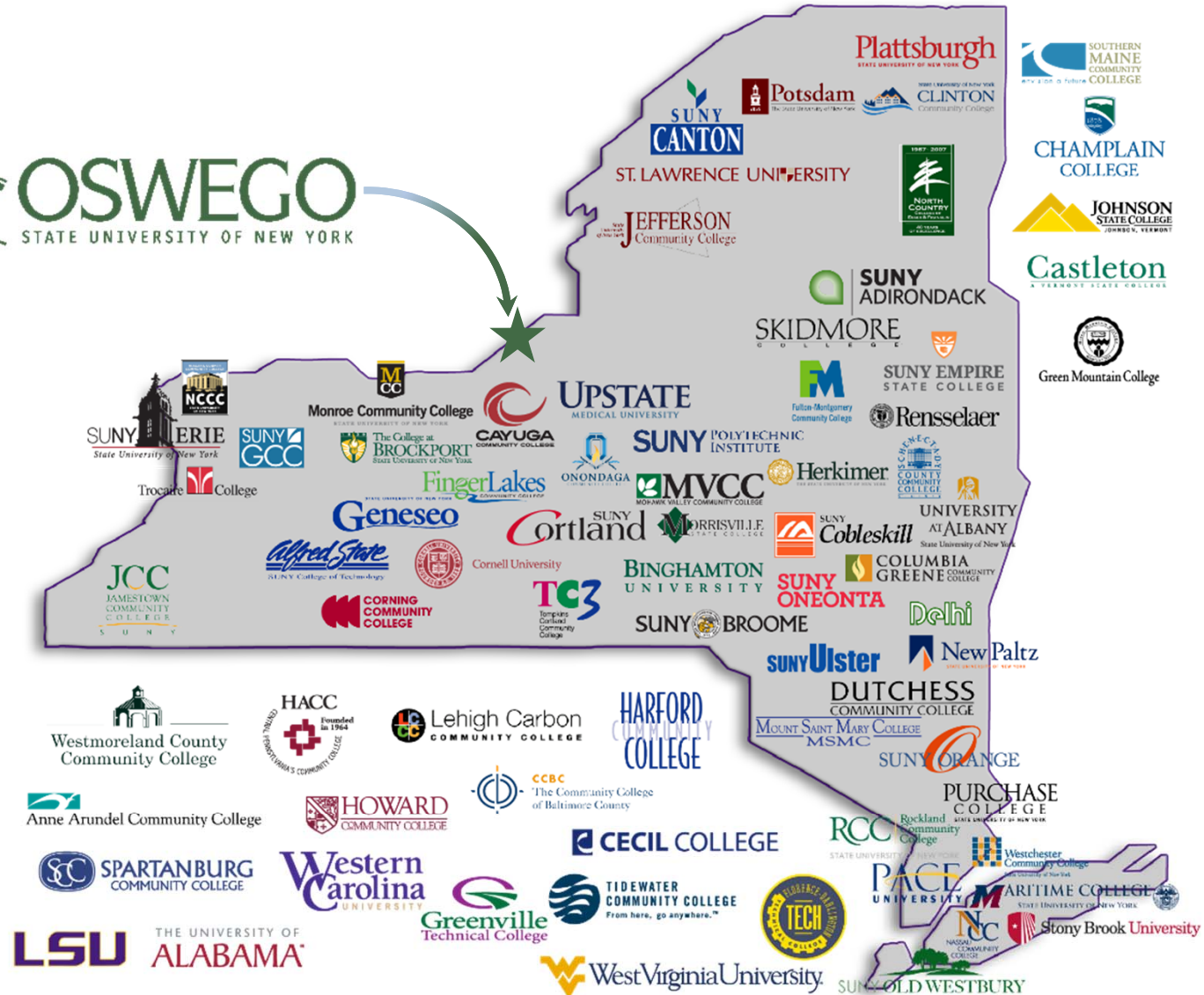
Interview Hot Topics ■ Instructional Space Utilization Analysis ■ Faculty Office Analysis



Project Team



JMZ Experience



Agenda

Introductions

Project Goals

Interview Hot Topics

Instructional Space Utilization

Office Analysis

Schedule

Discussion

Master Plan Process

Kick-Off Meeting

Instructional Space Utilization Study

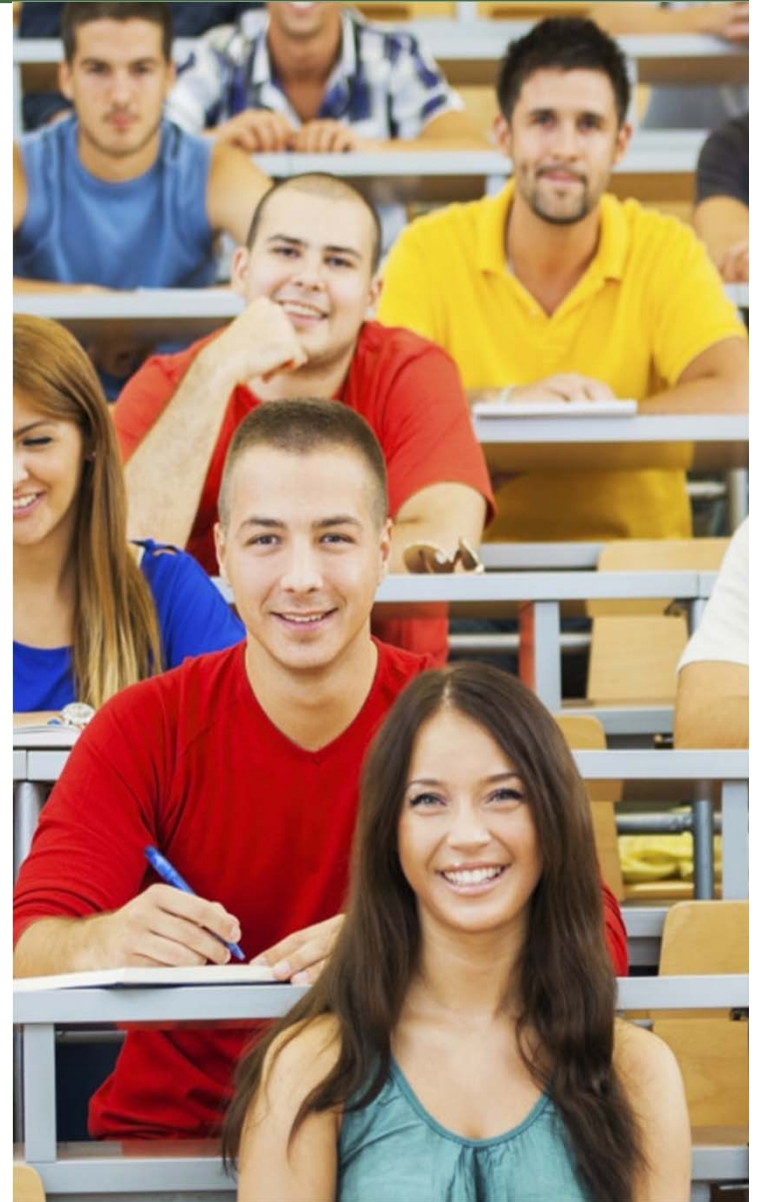
Space Needs Interviews

Academic User Groups' Space Needs

Concept Alternatives

Preferred Concept

Draft and Final Report



FMP Update Goals

Guide facility improvements and developments that support the academic mission and strategic vision.

Pragmatic but visionary approach.

Provide initial scope, budget, and sequencing information for ongoing capital planning.

Project Scope

Group 1: Future Projects

- Lanigan Hall
- Penfield Library
- Mahar Hall
- Marano Campus Center
- Poucher Hall
- Sheldon Hall

Group 2: Coordination

- Hewitt Hall
- Tyler Hall
- Wilber Hall
- Laker Hall
- Lee Hall
- Park Hall
- Shineman Science Center

Group 3: Instructional Space

- Lakeside Dining Hall
- Macklin Complex
- Lonis, Moreland, Onondaga, Riggs, Scales, Seneca, and Waterbury Halls



Interview Hot Topics

Provide graduate student lounges at several locations

Create additional informal study space campus-wide

Evening student event space is needed on campus

Integrated Student Services One-Stop - first floor of Culkin

Move academic deans from Culkin to academic areas

Mahar and Lanigan are in need of renovation

Create large lecture spaces in Hewitt; move catering kitchen

Interview Hot Topics

Transform Penfield into a student-focused, vibrant hub;
reduce print collection by up to 50%

Make space for additional faculty office and student
space in Shineman

Programs in Shineman have grown significantly; faculty
report insufficient space for offices, research, computer
labs, student project work, informal student space

Provide collaboration, research, and informal study
space in Rich Hall

Interview Hot Topics

Research Foundation and Extended Learning to third floor of Sheldon Hall?

Improve/expand Admissions space in Sheldon Hall

Create a Consolidated Testing Center

Grow graduate programs 2% per year

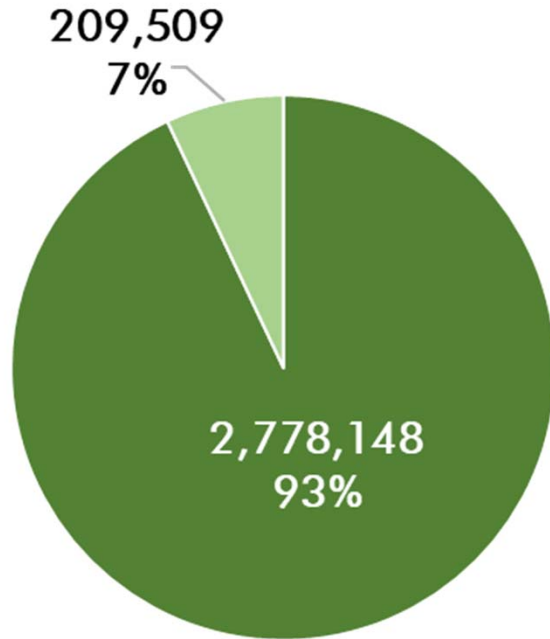
Consolidate ITS department



Instructional Space Utilization

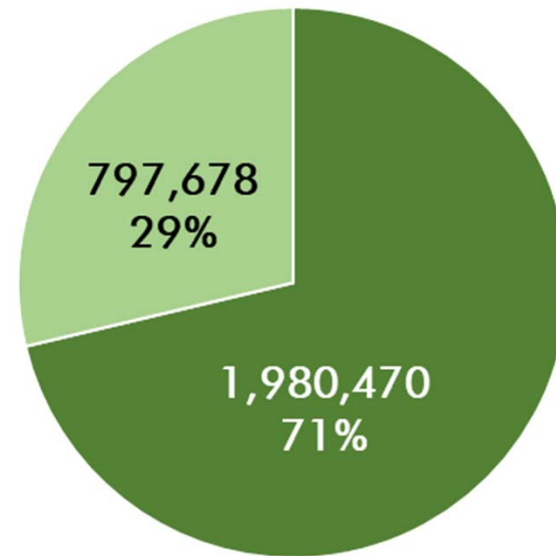
Existing Space Summary

Active Space and Space Under Construction (SF)



■ Active
■ Under Construction

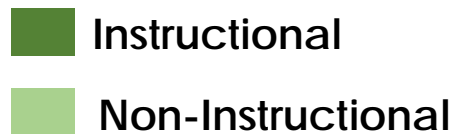
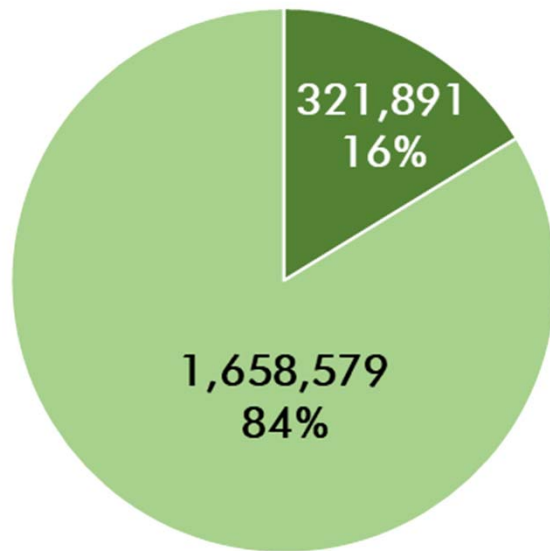
Assignable Space and Non-Assignable Space (SF)



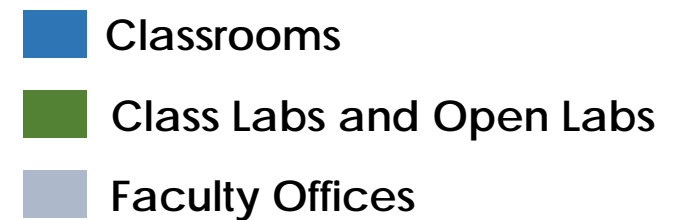
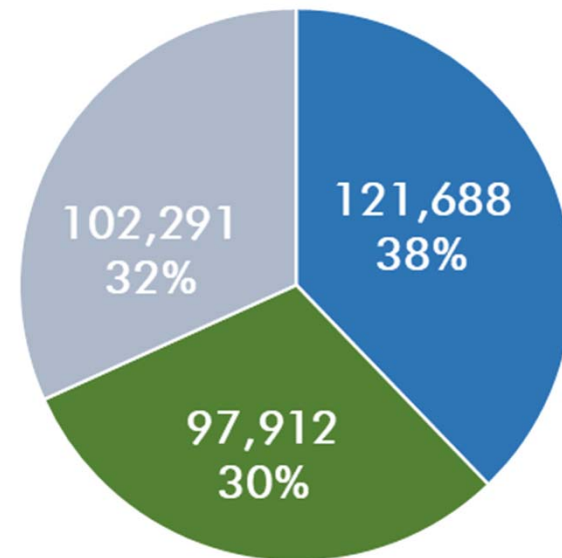
■ Assignable
■ Non-Assignable

Existing Space Summary

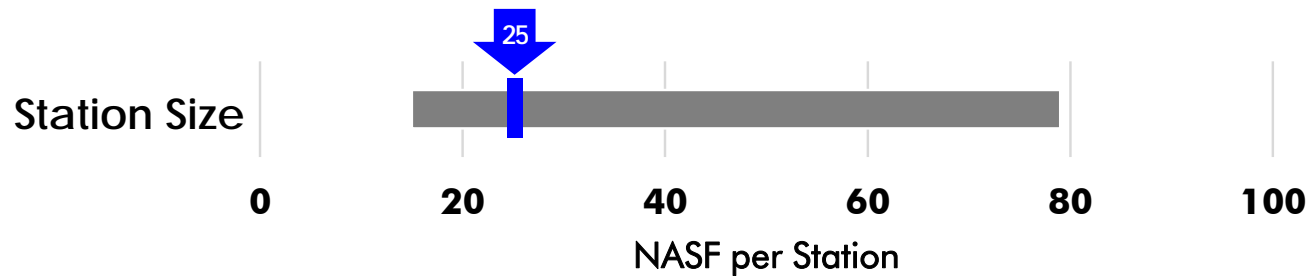
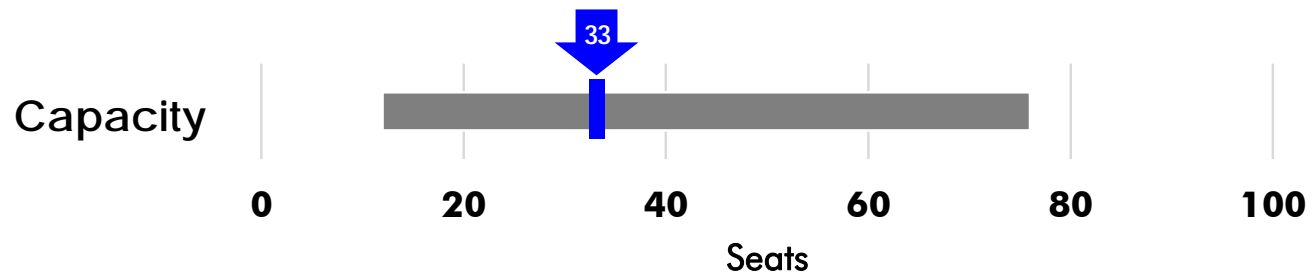
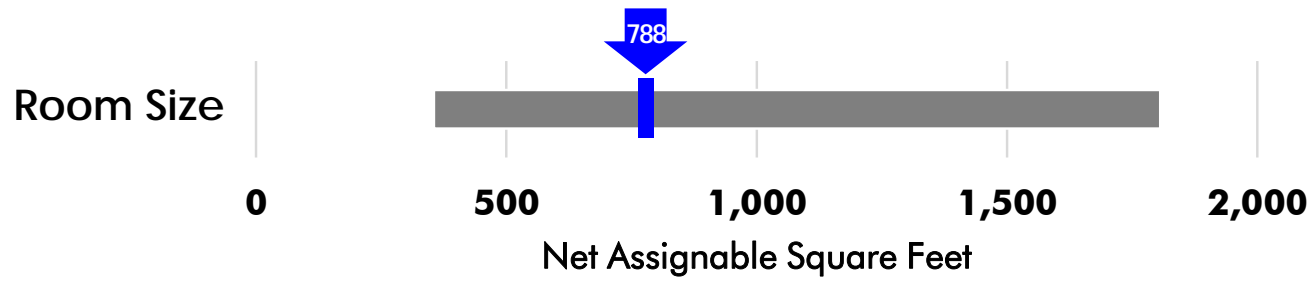
Instructional and Non-Instructional (NASF)



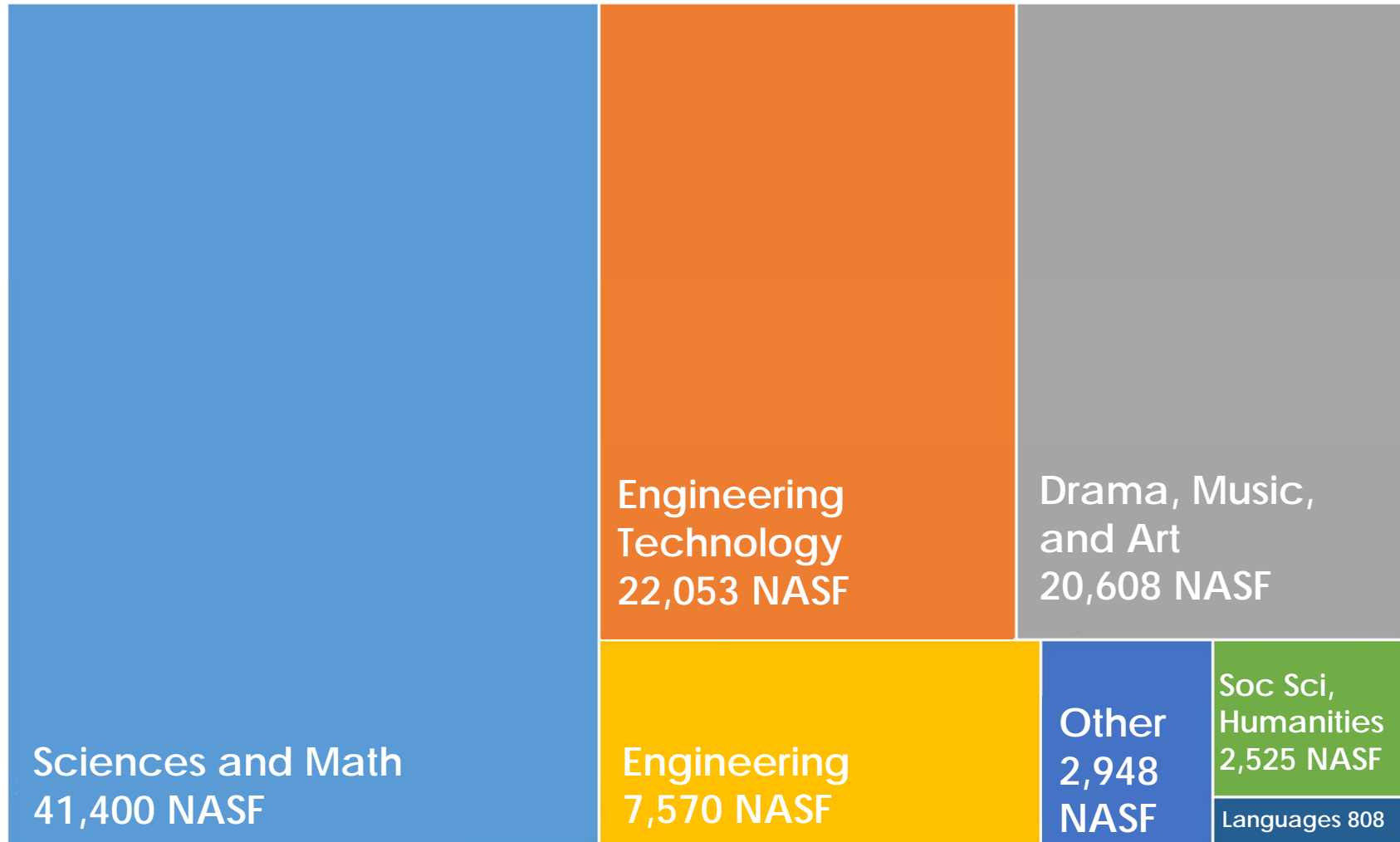
Instructional Space (NASF)



On-Campus Classroom Summary



Class Lab and Open Lab Summary



Instructional Space Utilization



Instructional Space Utilization Study Factors

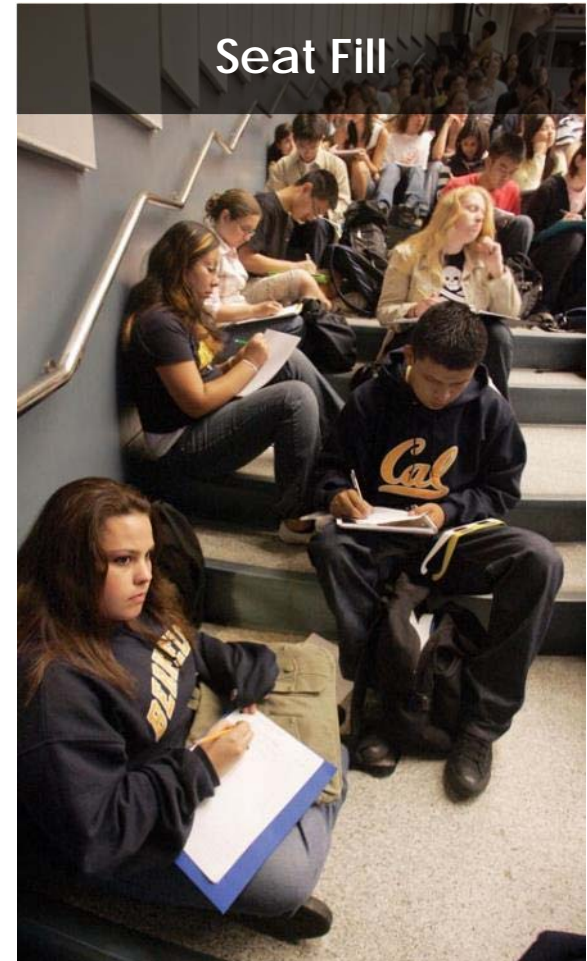
Seat Size



Hourly Utilization



Seat Fill



Target Criteria

Room Type	Student Station Size	Room Utilization	Seat Utilization
		Daytime Hours 40 Hours/Week (Monday-Friday)	Target Range
Classrooms	22-28 ASF	30 Hours (75%)	67% (80% SUNY)
Computer Classrooms/Labs	35 ASF	30 Hours (75%)	67% (80% SUNY)
Class Labs	50-60 ASF Natural & Social Science	24 Hours (60%)	80%
	up to 115 ASF Arts & Vocational Tech		

Spaces Scheduled Fall 2017 / Spring 2018

Classrooms & Lecture Halls

(Fall: 2,248 Meetings; Spring: 2,064 Meetings)

Building	Room Count	Number Scheduled
Hewitt	3	3
Laker	3	2
Lanigan	16	14
Mahar	29	28
Marano & Poucher	16	16
Park	8	8
Rich	11	10
Sheldon	5	5
Shineman	18	18
Wilber	1	1
	110	105
95% Scheduled		

Class Labs (Fall: 339 Meetings; Spring: 358 Meetings)

Building	Room Count	Number Scheduled
Hewitt	9	9
Marano & Poucher	3	2
Mahar	1	1
Park	5	5
Shineman	29	25
Service Building	1	1
Tyler	7	7
Wilber	1	1
	56	49
88% Scheduled		

Metro and Rice Creek

(Fall: 42 Meetings; Spring: 38 Meetings)

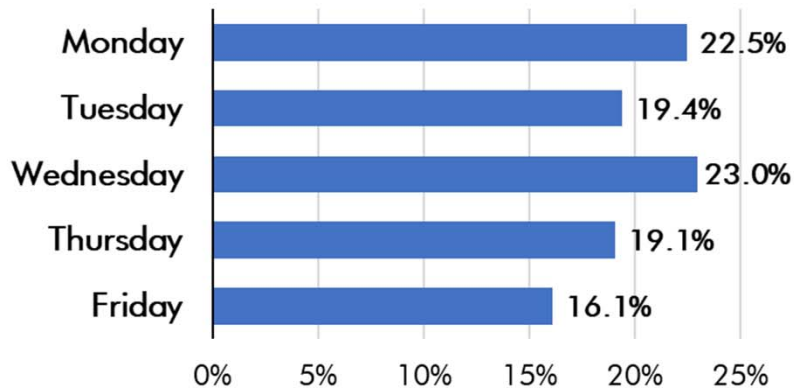
Building	Room Count	Number Scheduled
Metro Classrooms	7	7
Rice Creek Classroom	1	1
Rice Creek Labs	2	2
	10	10
100% Scheduled		

Rooms Scheduled only One Semester

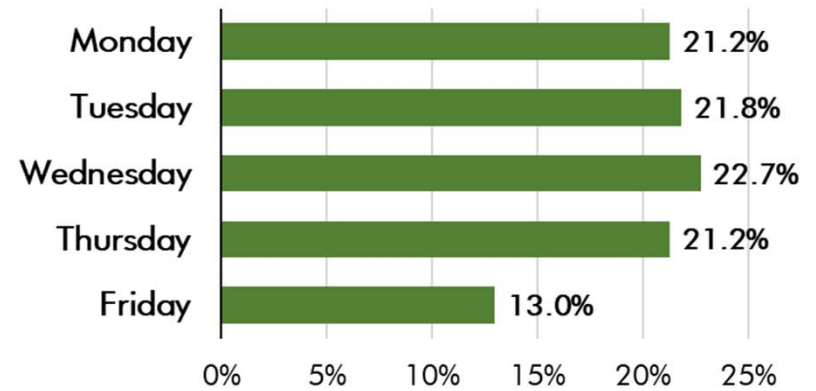
	Scheduled Only in Fall 2017	Scheduled Only in Spring 2018
Classrooms		
	Laker 207 (458 NASF)	
	Mahar 112 (355 NASF)	
Class Labs		
	Hewitt 123D (1,618 NASF; Scene Shop)	Marano 164 (565 NASF, OLS)
	Hewitt 7B (1,118 NASF; Sculpture)	Marano 225 (937 NASF, Computer Lab)
	Park 205 (1,880 NASF; Elec/Mech Engineering Technology)	Shineman 130 (995 NASF, Math Lab)
	Tyler 205 (936 NASF, Graphic Arts)	Shineman 375 (627 NASF, Geological and Earth Sciences)
	Tyler 206 (1,632 NASF, Sculpture)	Shineman 383 (1,183 NASF, Geological and Earth Sciences)
		Tyler 215 (1,582 NASF, Drawing Studio)
		Tyler 225 (1,471 NASF, Painting Studio)

Course Meetings by Day of Week

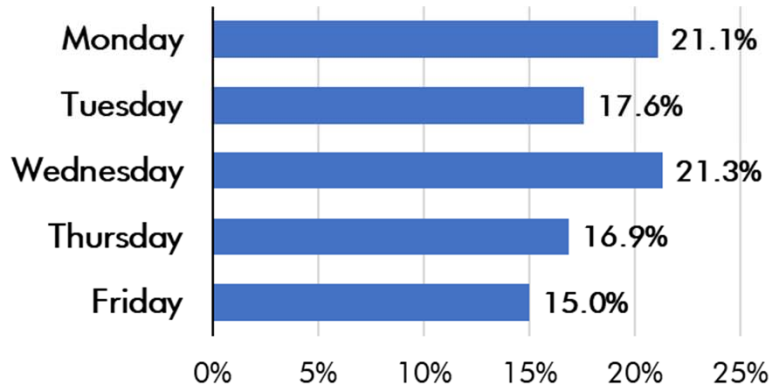
On-Campus Classroom Meetings
Fall 2017 - 2,248 Meetings



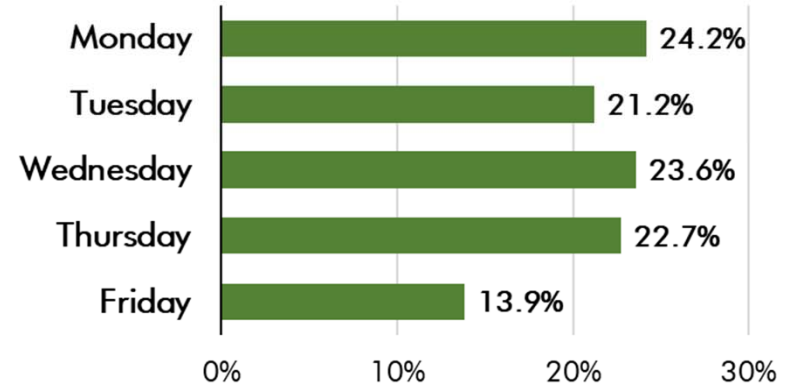
On-Campus Class Lab Meetings
Fall 2017 - 339 Meetings



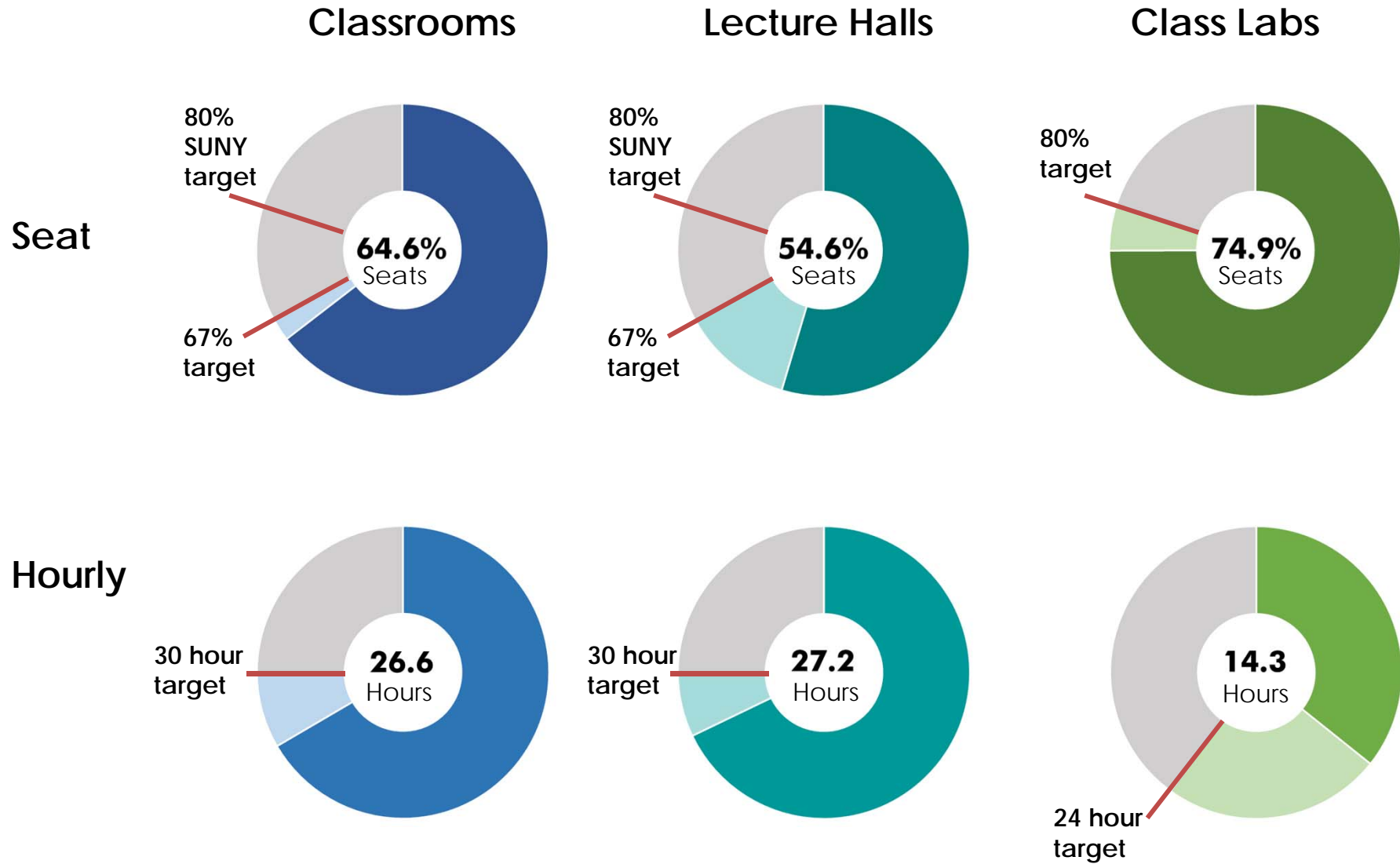
On-Campus Classroom Meetings
Spring 2018 - 2,064 Meetings



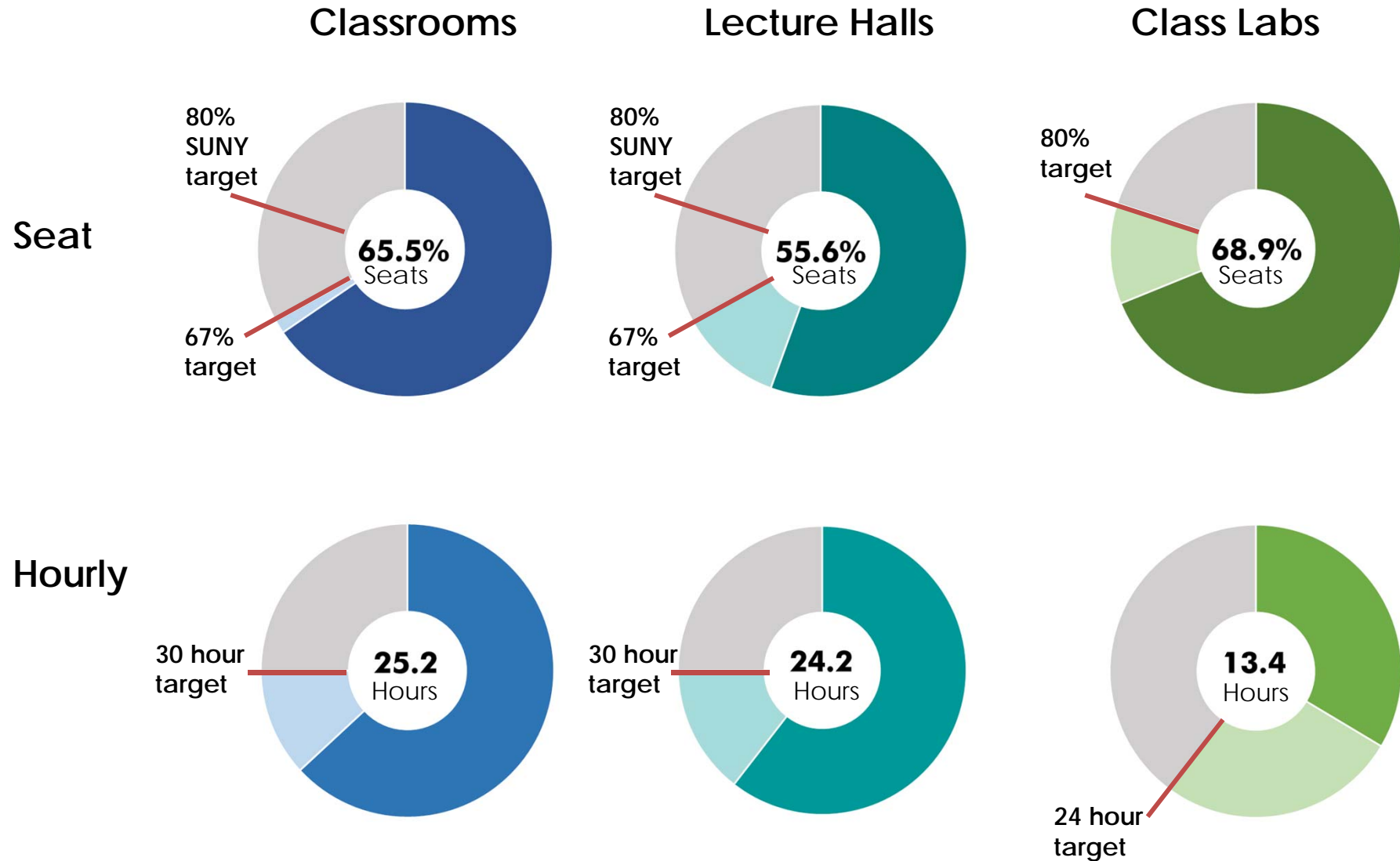
On-Campus Class Lab Meetings
Spring 2018 - 358 Meetings



Instructional Space Utilization – Daytime, Fall 2017

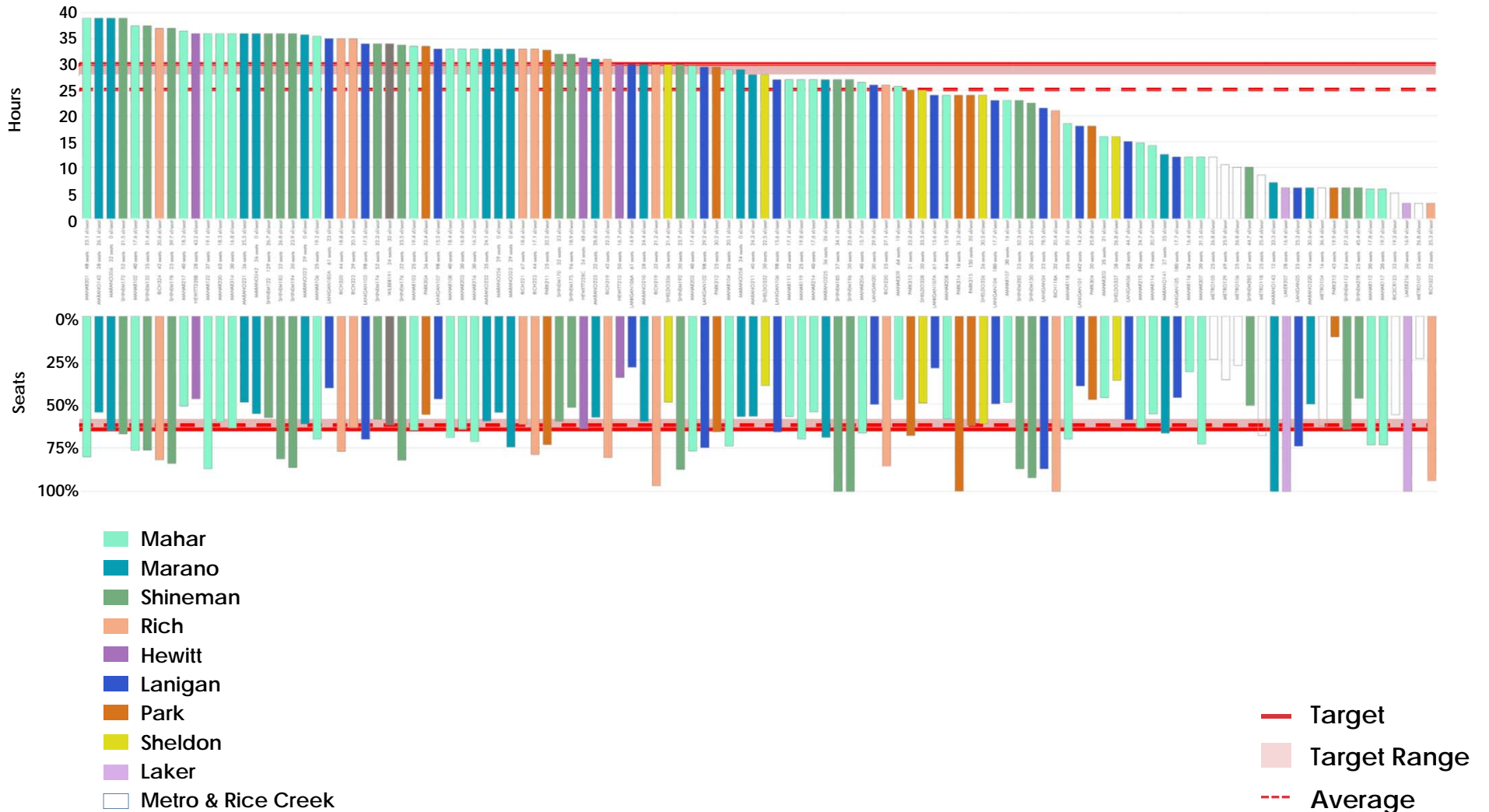


Instructional Space Utilization – Daytime, Spring 2018

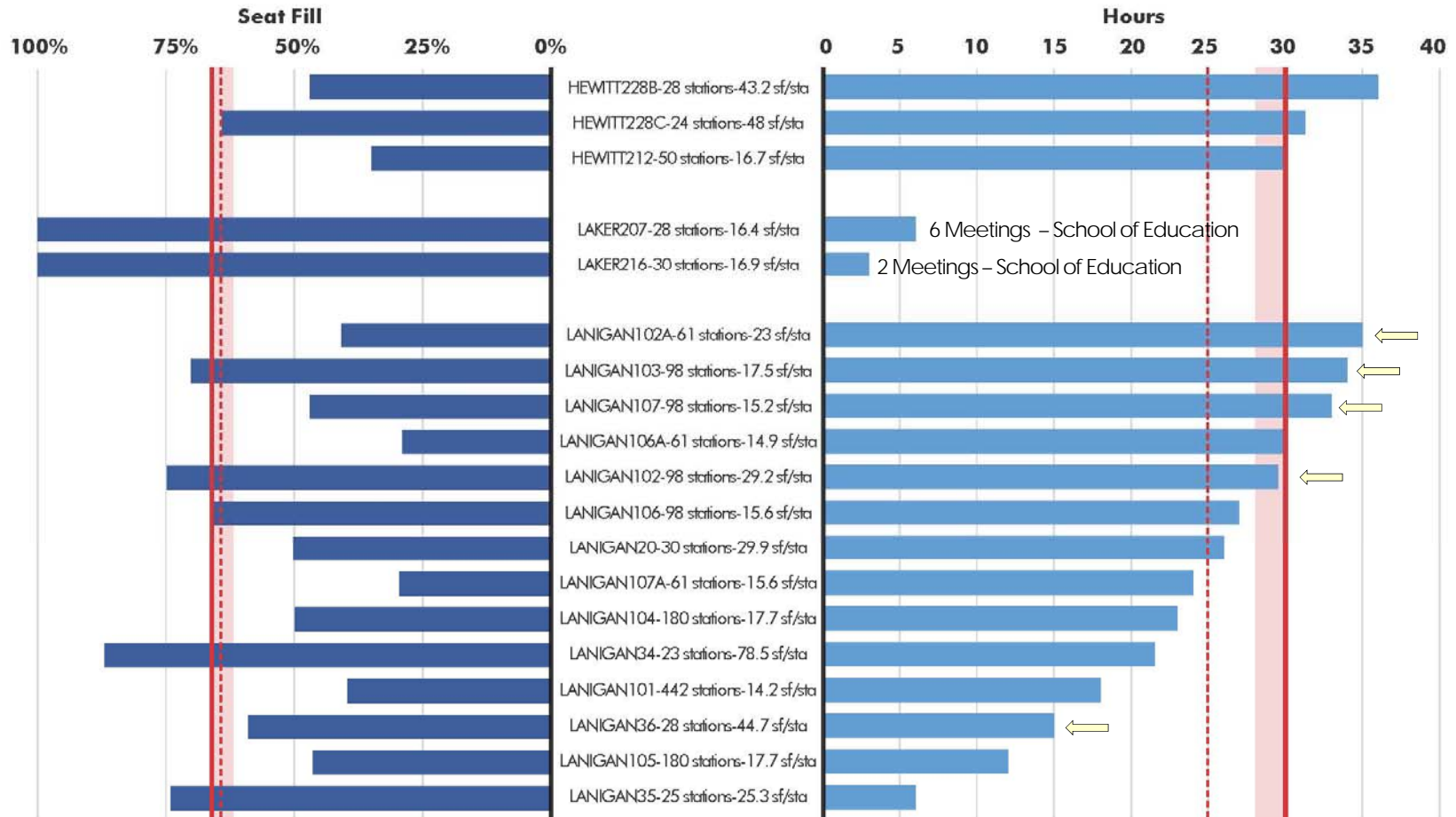


Instructional Space Utilization

Classrooms – Daytime Fall 2017

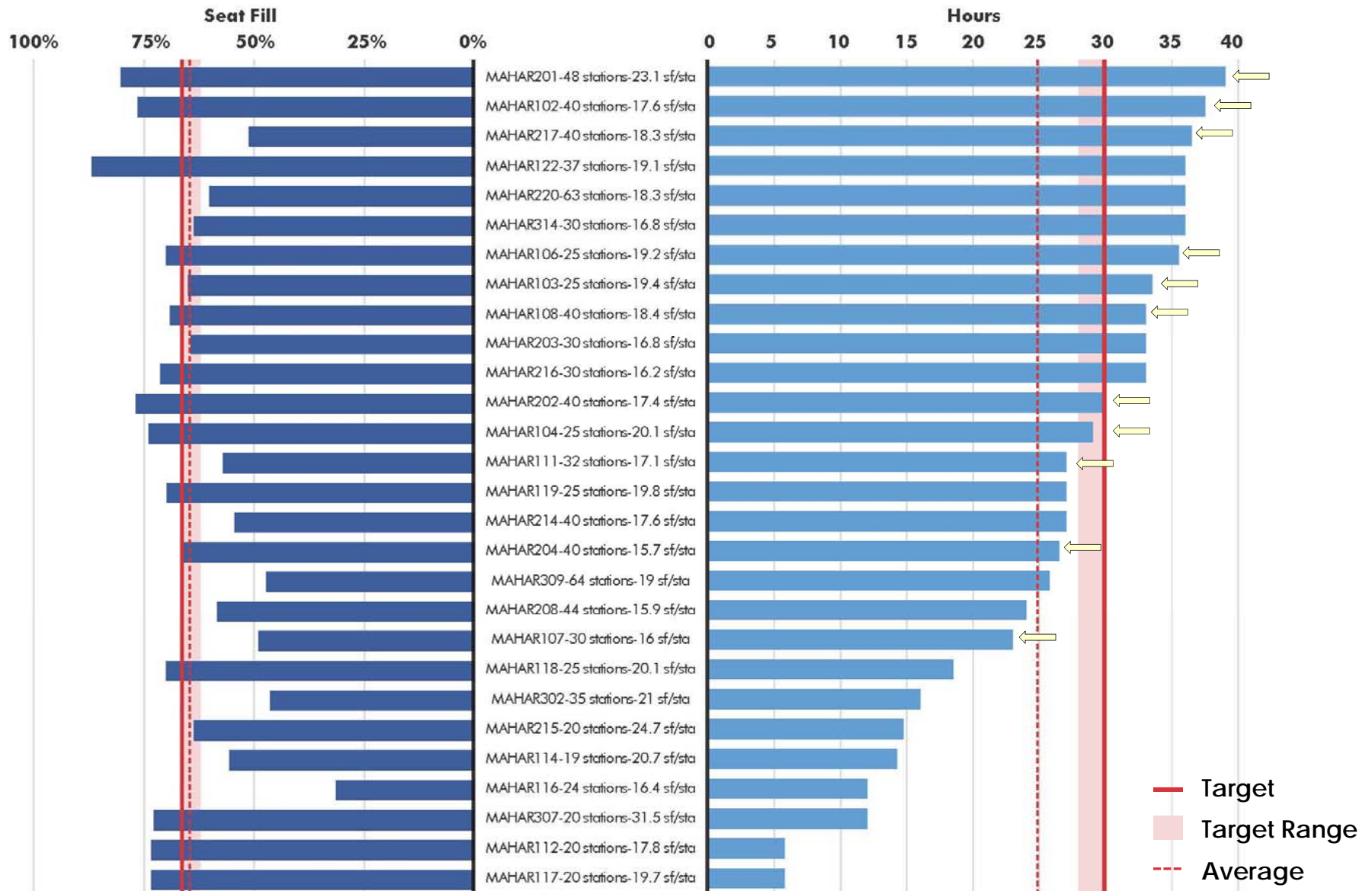


Instructional Space Utilization

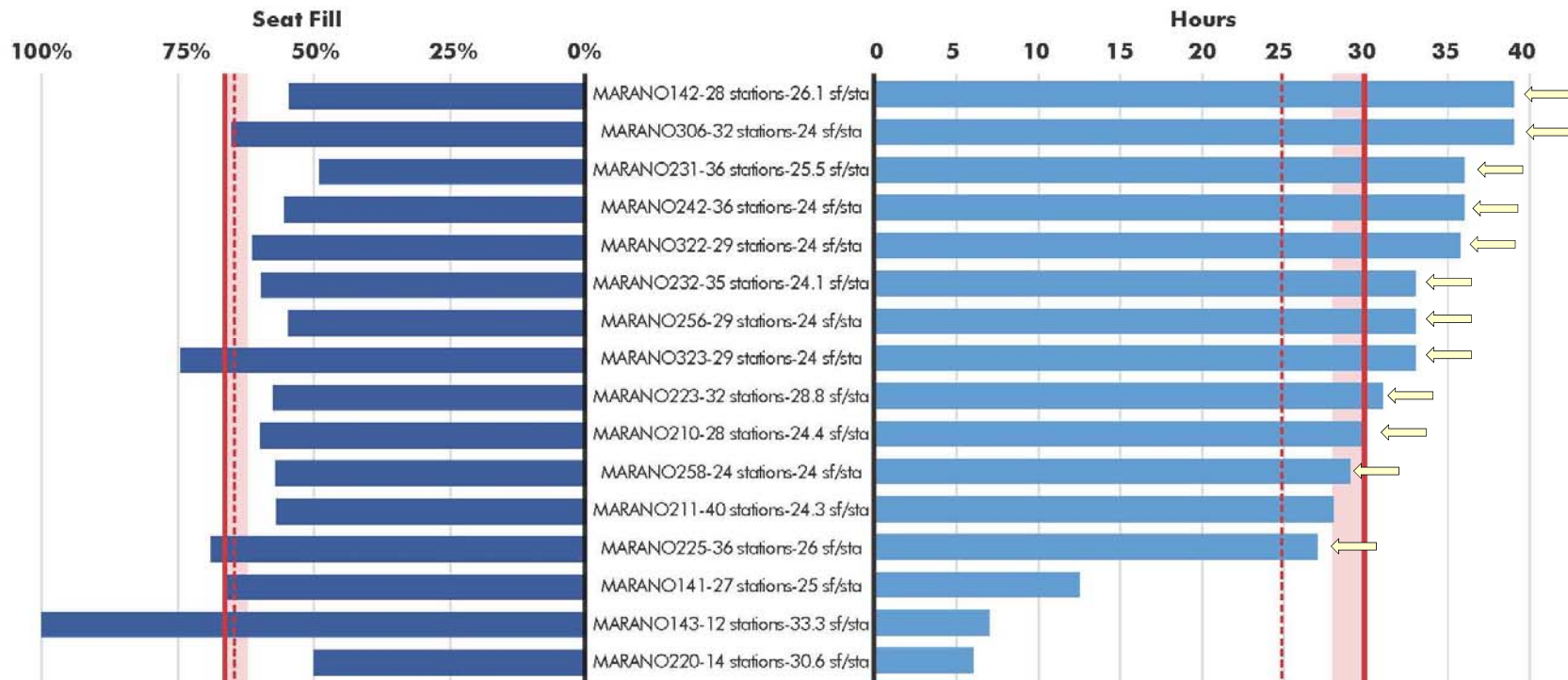


- Target
- Target Range
- - - Average

Instructional Space Utilization

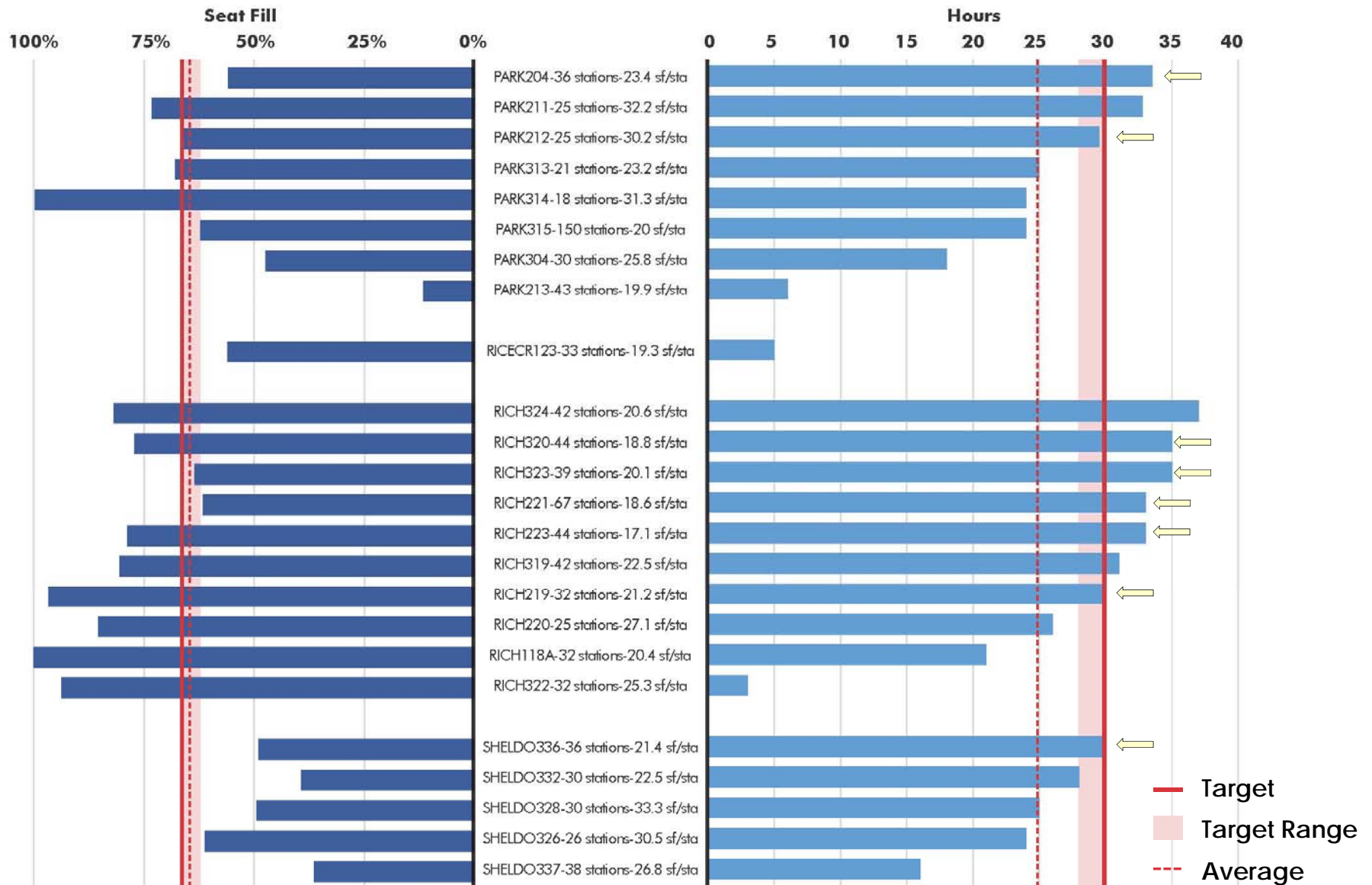


Instructional Space Utilization

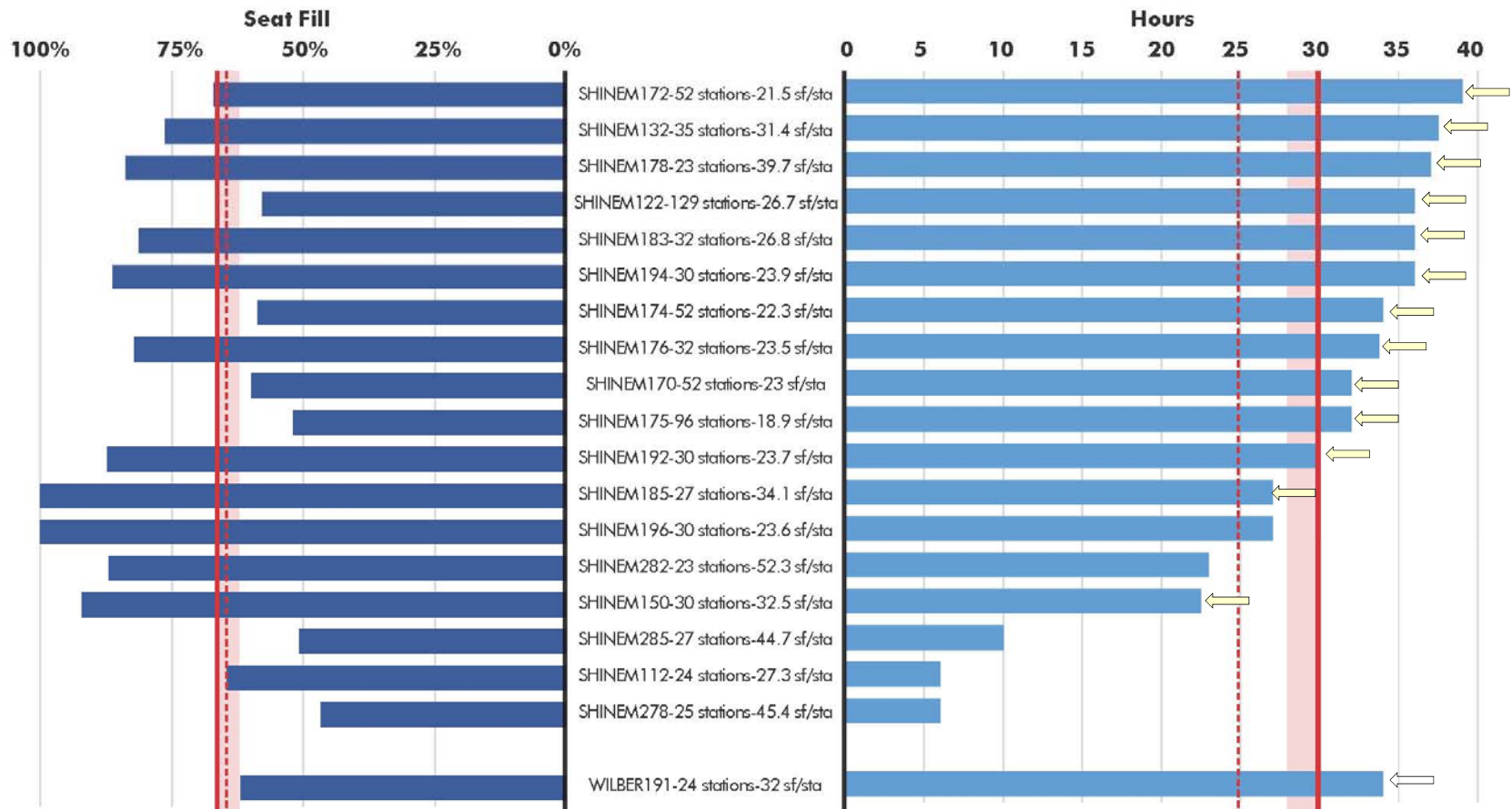


- Target
- Target Range
- - - Average

Instructional Space Utilization

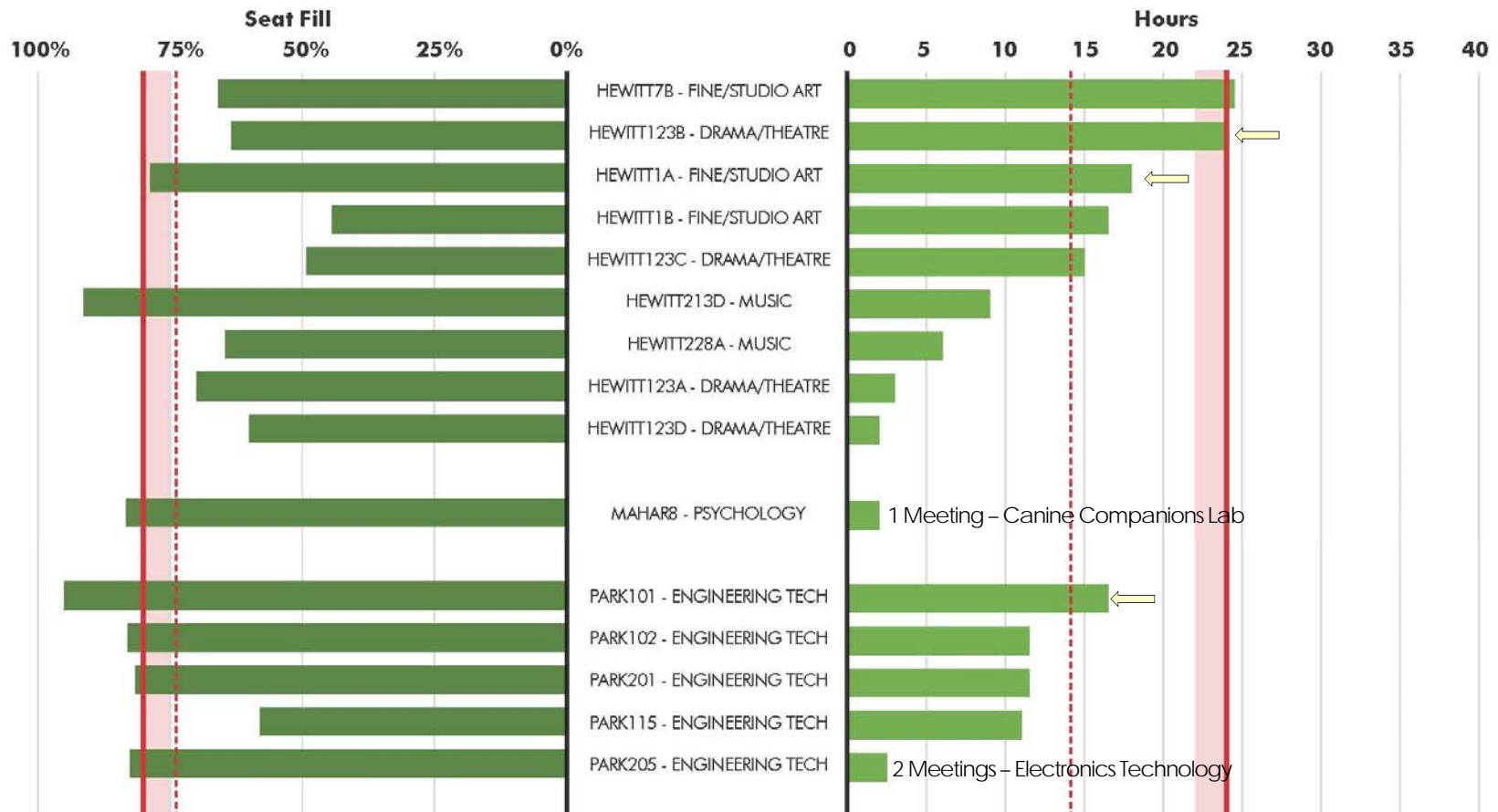


Instructional Space Utilization



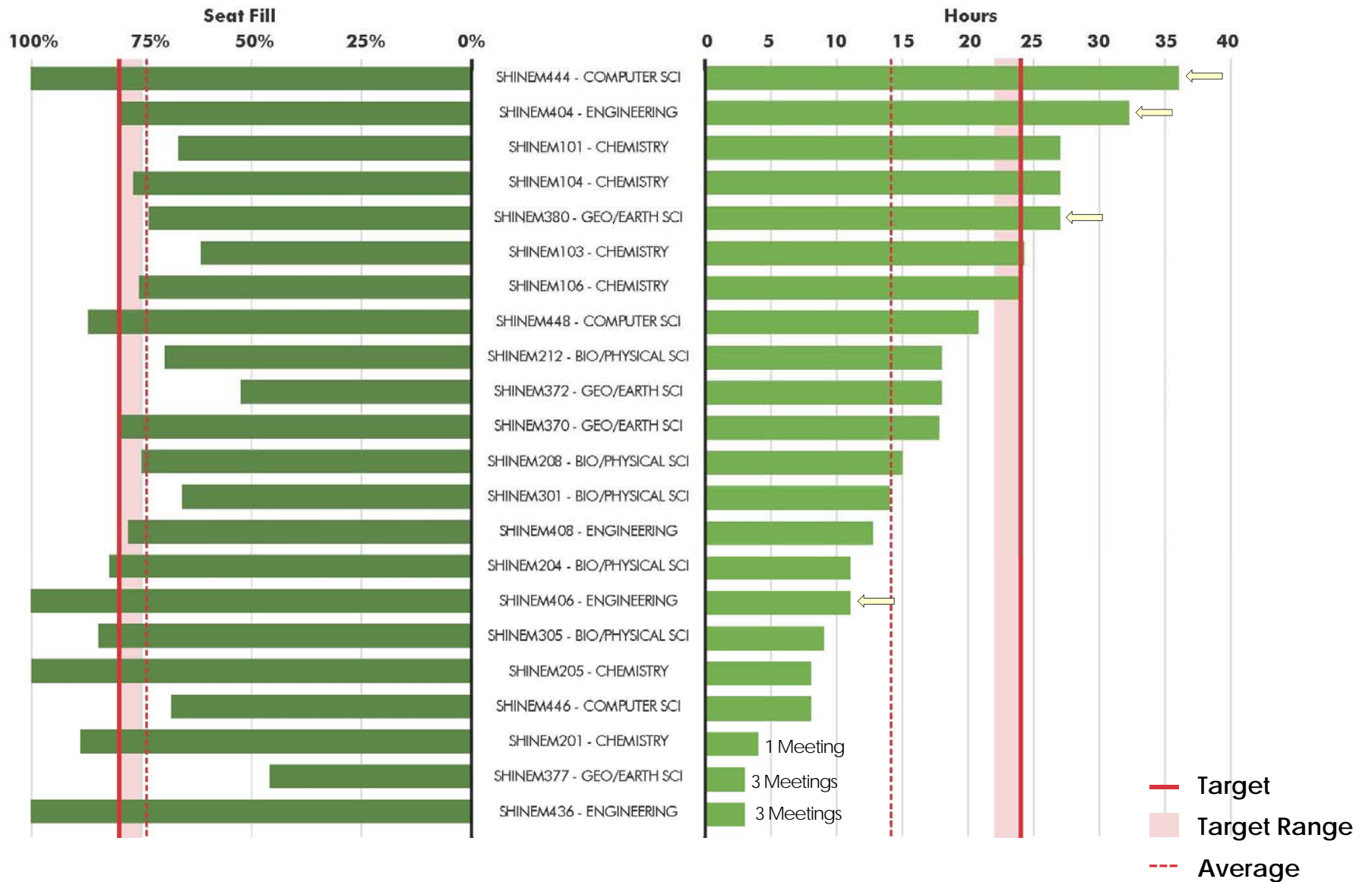
- Target
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Instructional Space Utilization

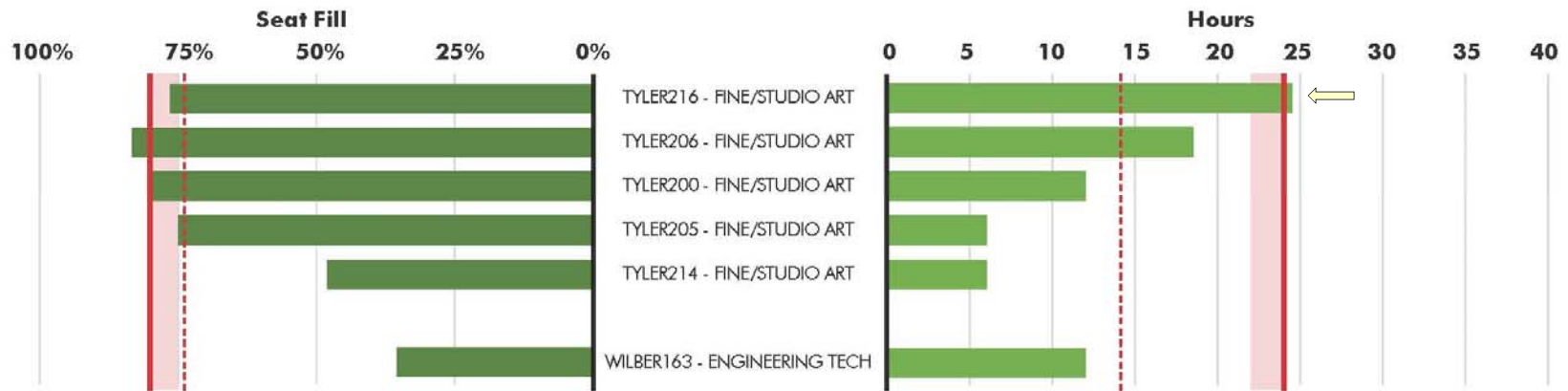


- Target
- Target Range
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Instructional Space Utilization

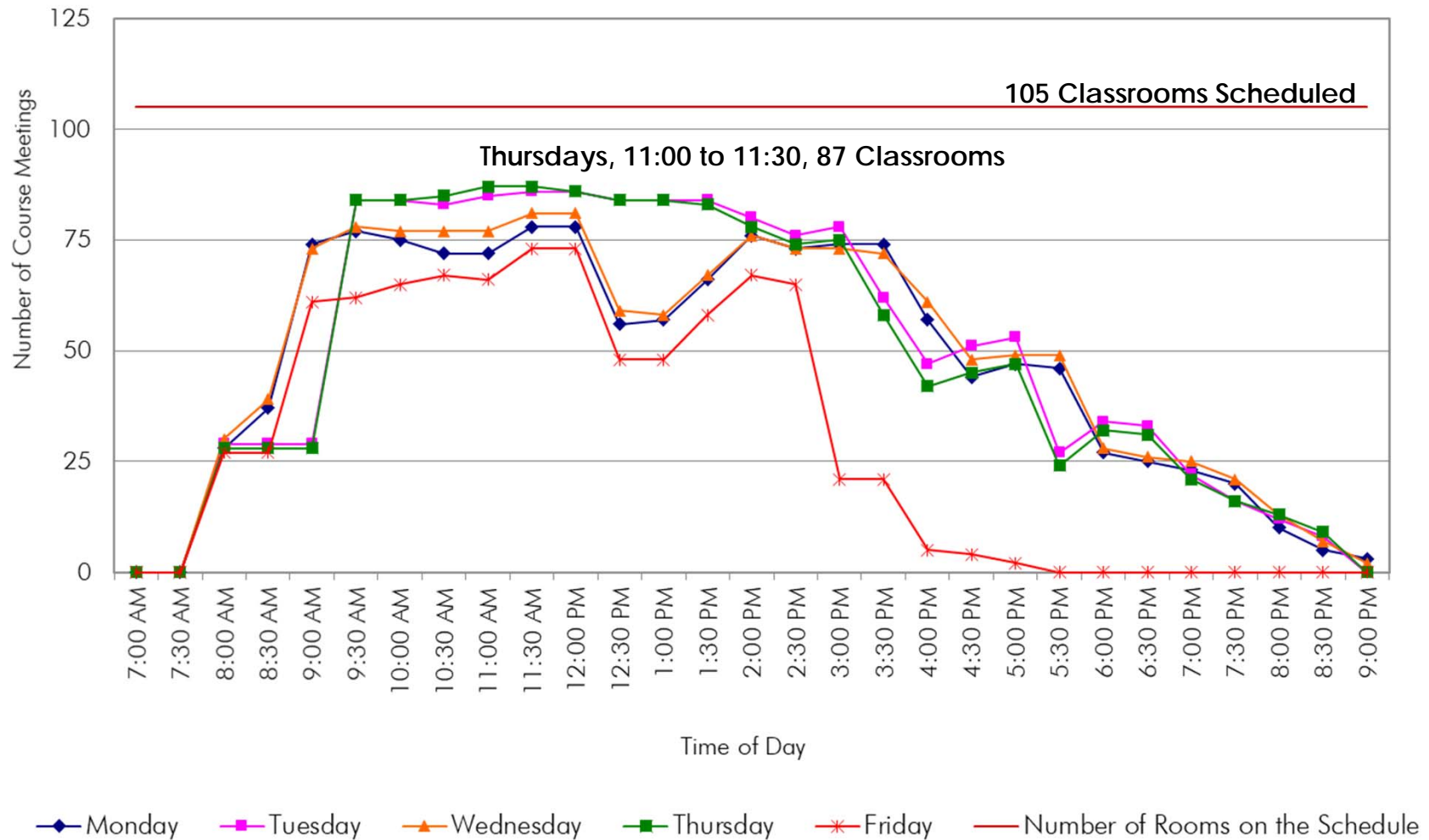


Instructional Space Utilization

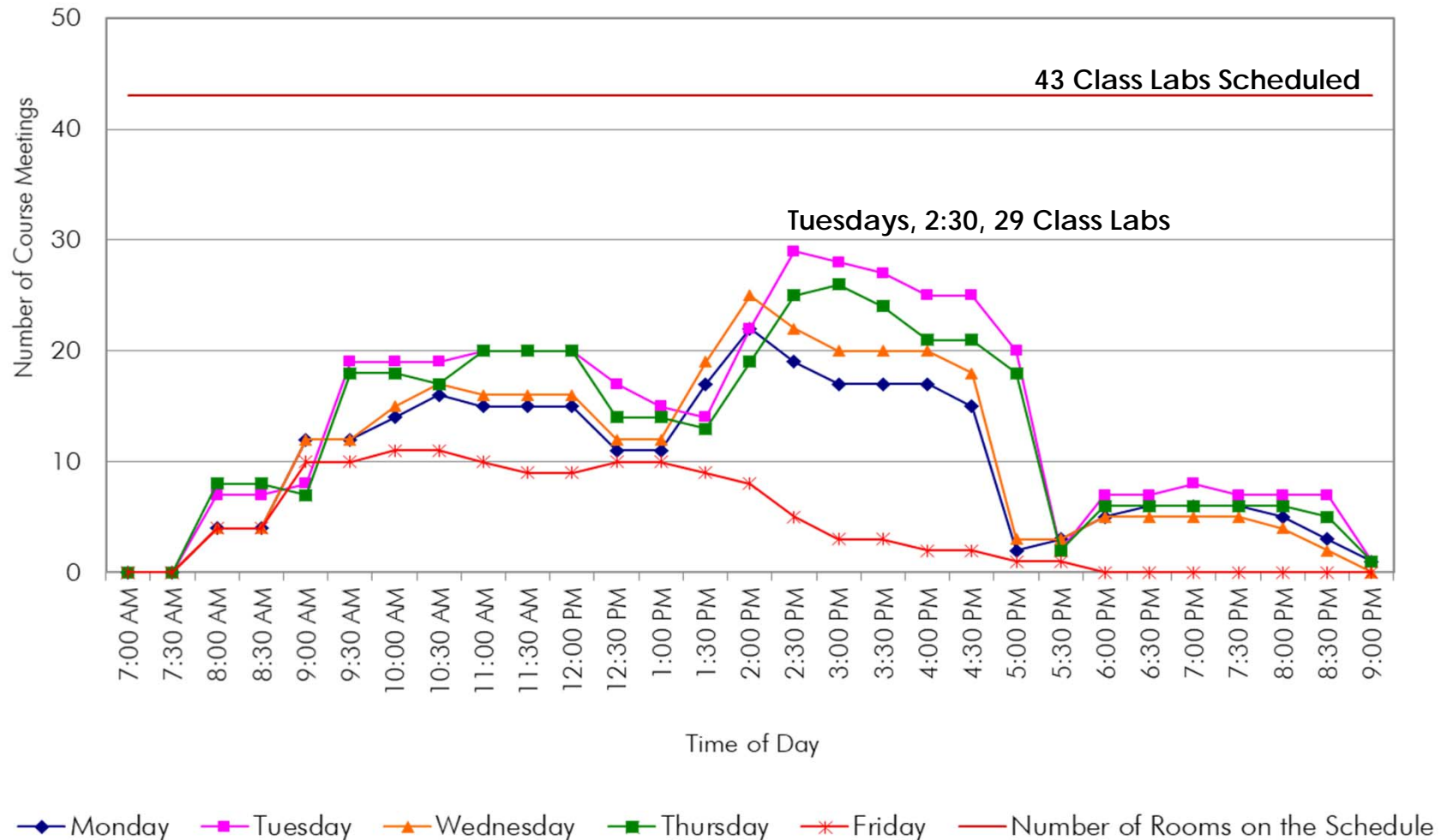


- Target
- Target Range
- - - Average

Fall 2017 Classroom Meetings by Time of Day

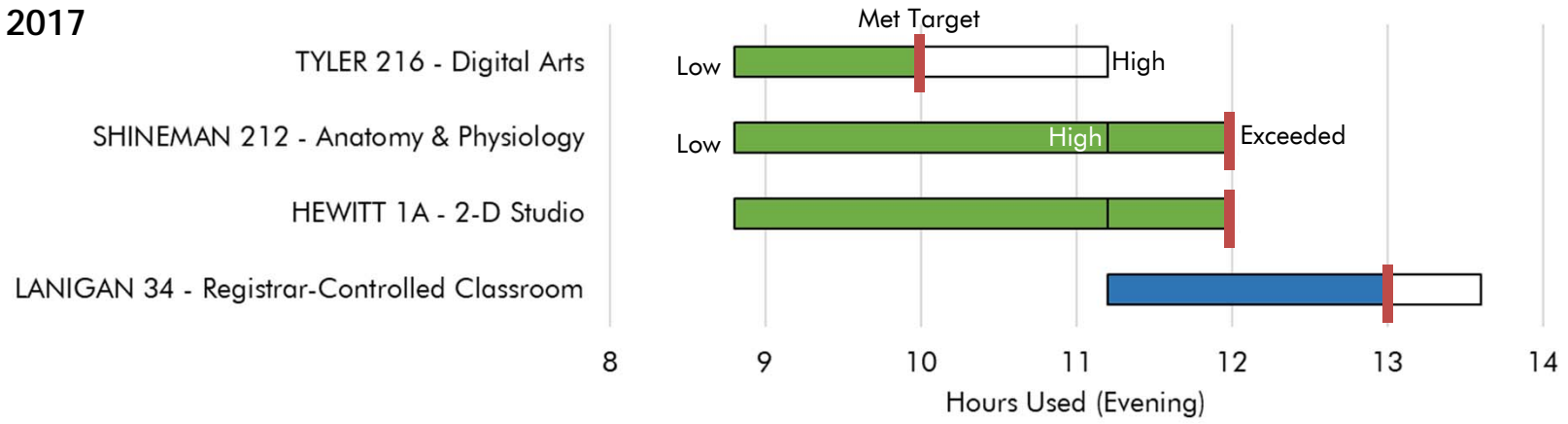


Fall 2017 Class Lab Meetings by Time of Day

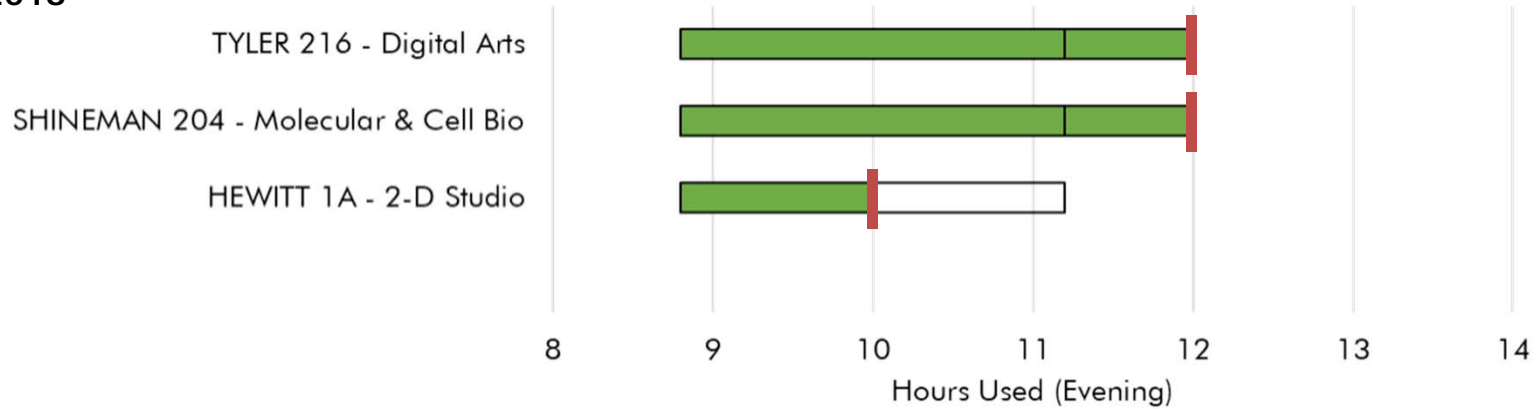


Evening Use

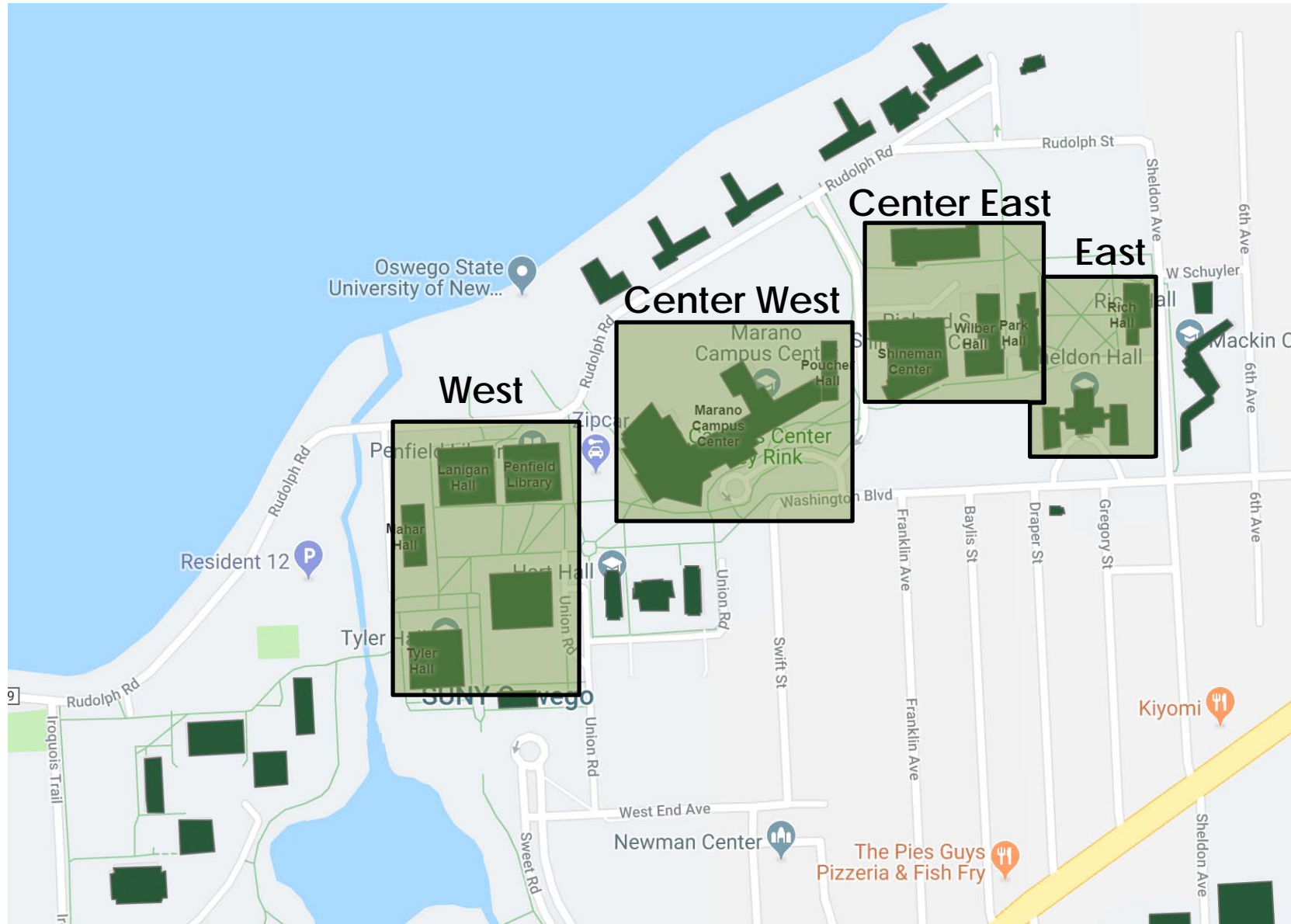
Fall 2017



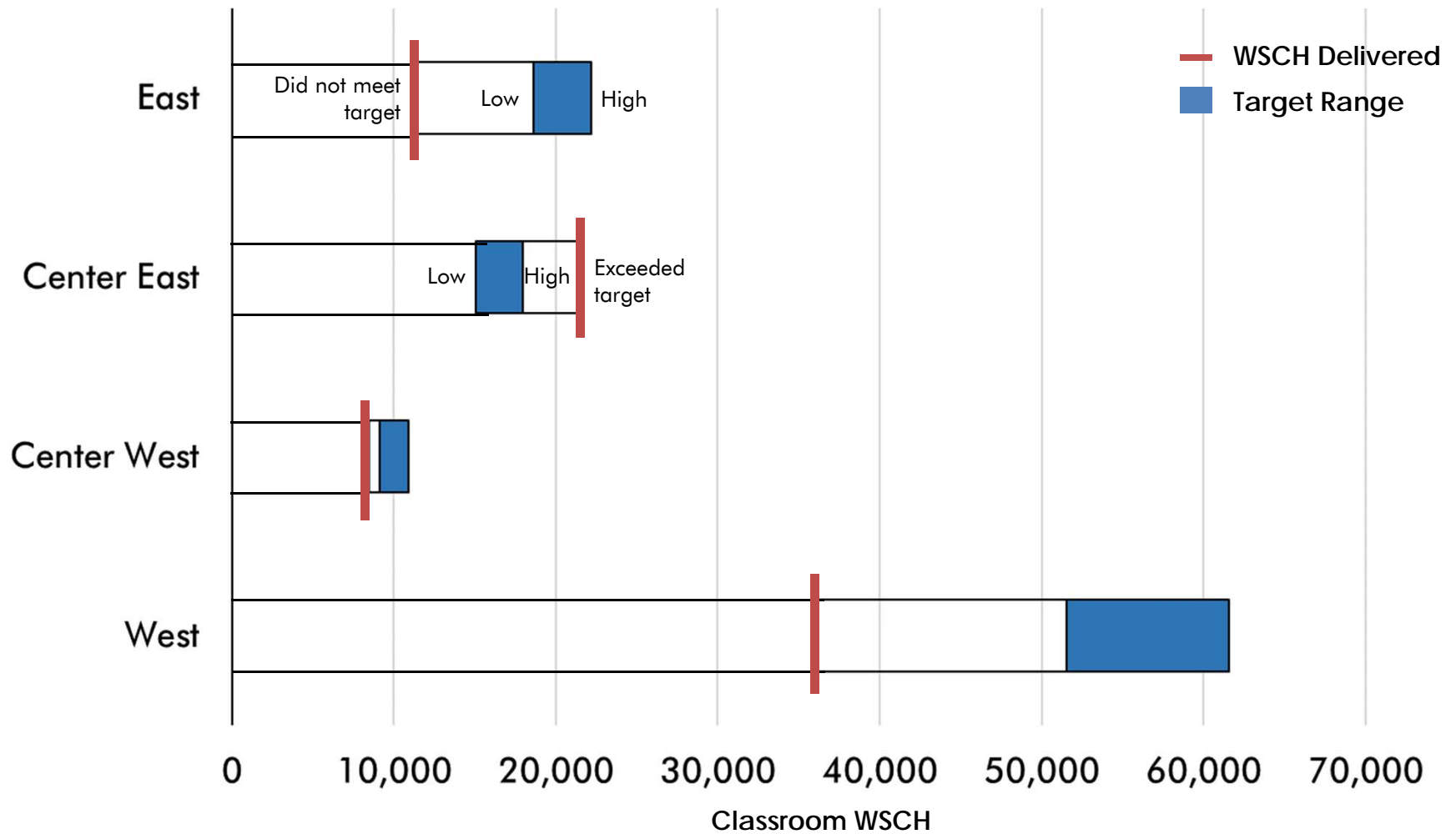
Spring 2018



Instructional Space Utilization

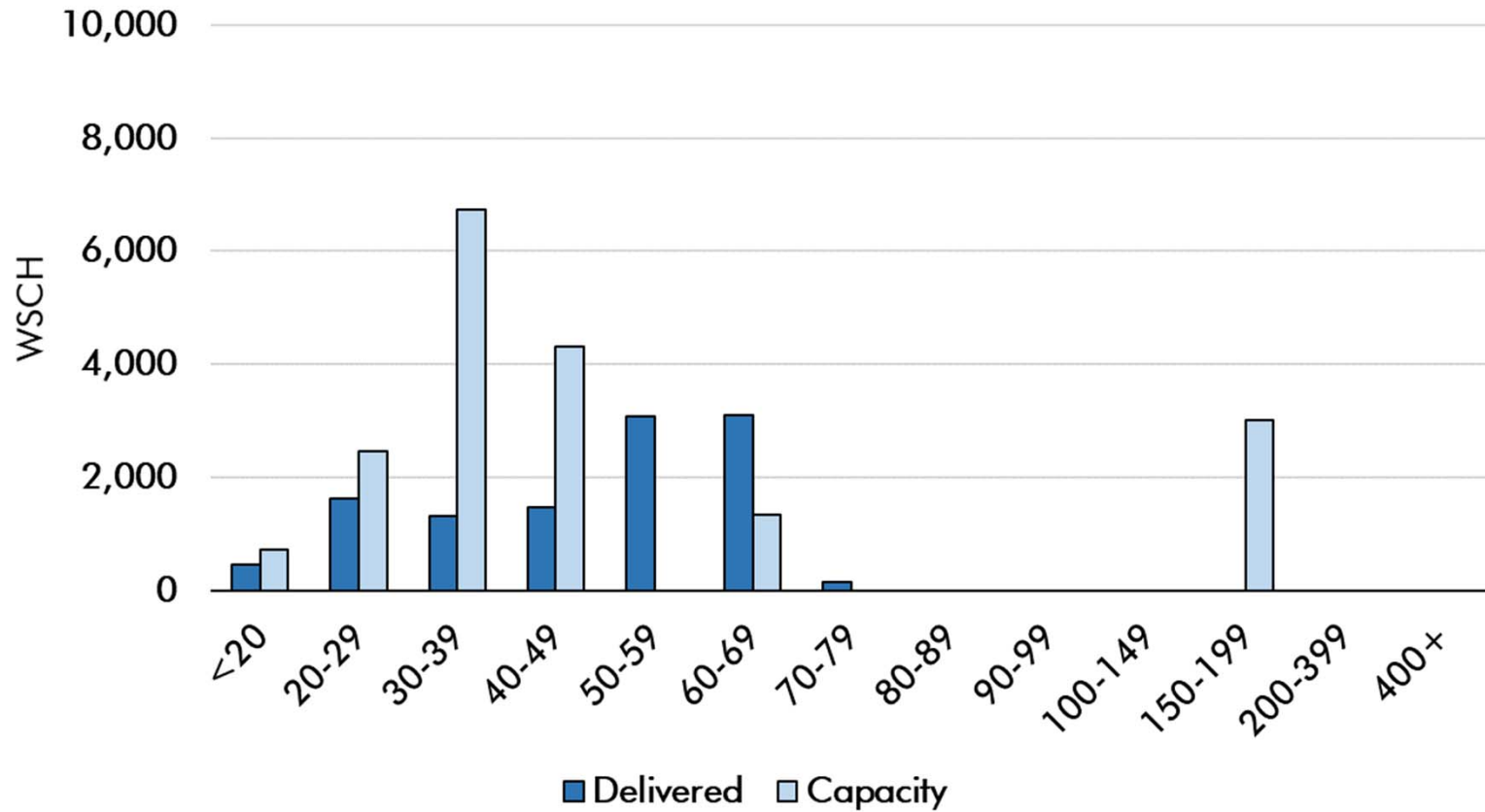


Classroom WSCH Capacity – Fall 2017



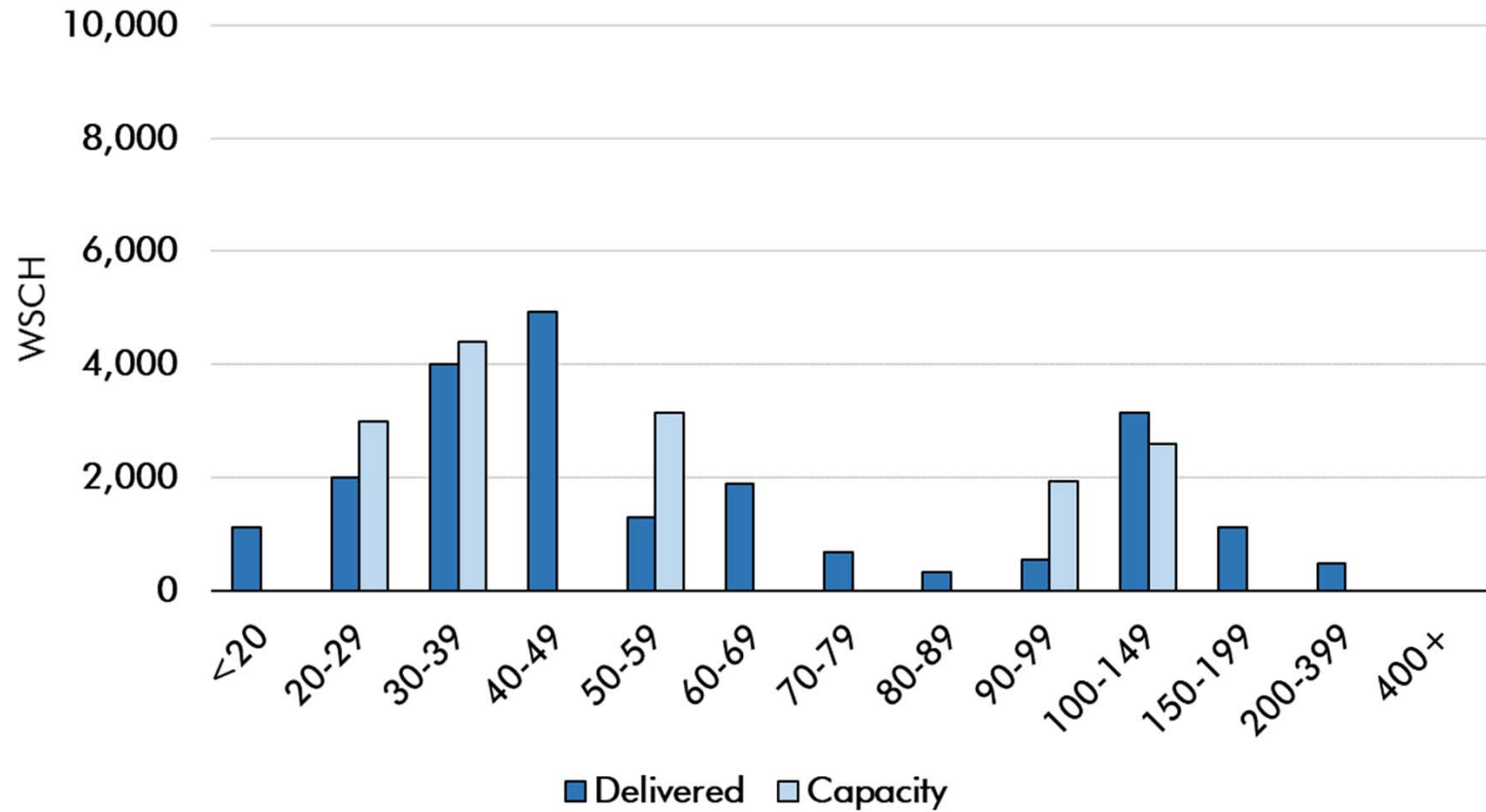
Instructional Space Utilization

East Classrooms



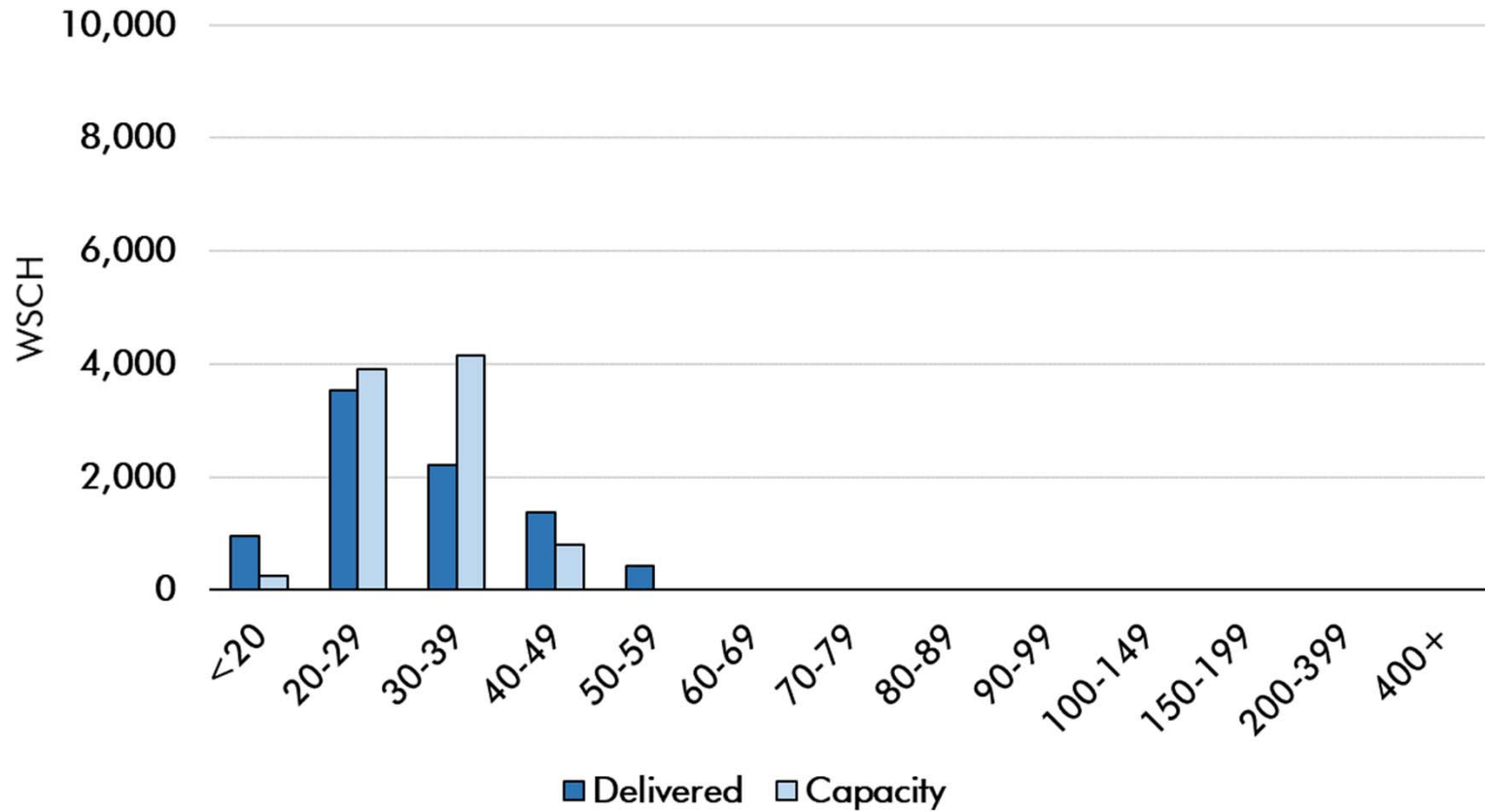
Instructional Space Utilization

Center East Classrooms



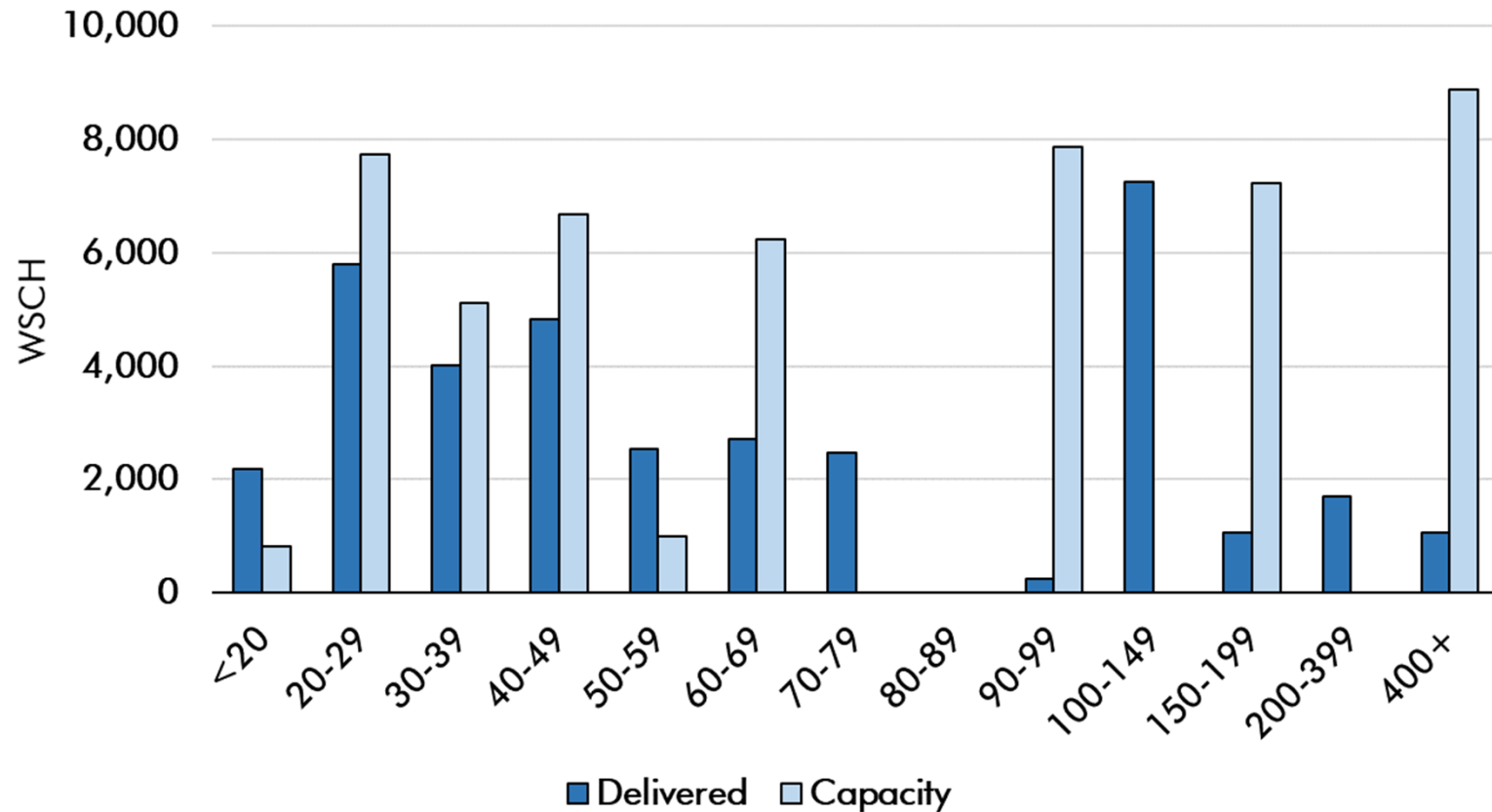
Instructional Space Utilization

Center West Classrooms

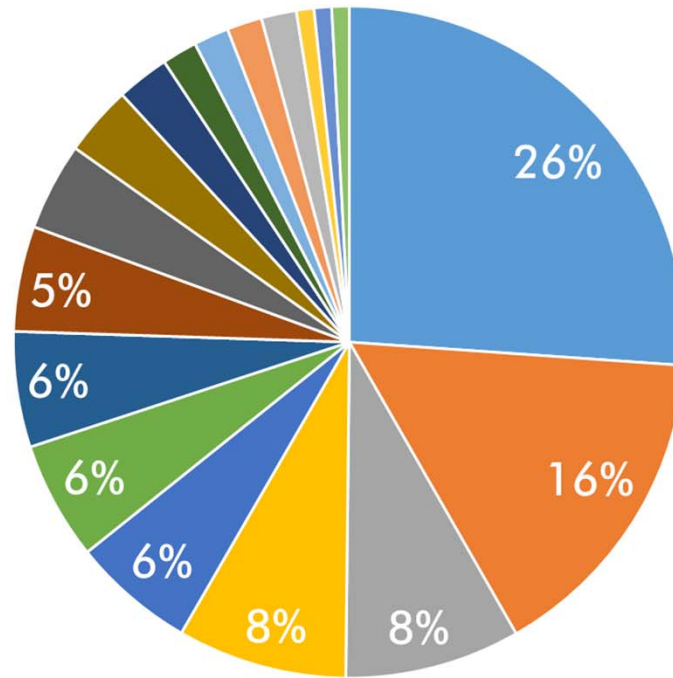


Instructional Space Utilization

West Classrooms



Lanigan Hall – Fall/Spring (percent of hours scheduled)



- History
- Psychology
- Communication Studies
- Art
- Economics
- Counseling + Psychological Servs
- Dean, Arts + Sciences
- Anthropology
- Music
- Sociology
- Health Promotion + Wellness
- Atmospheric + Geological Science
- Human Development
- Public Justice
- Theater
- Biological Sciences
- English
- Women's Studies

Lanigan Lecture Halls – Fall/Spring

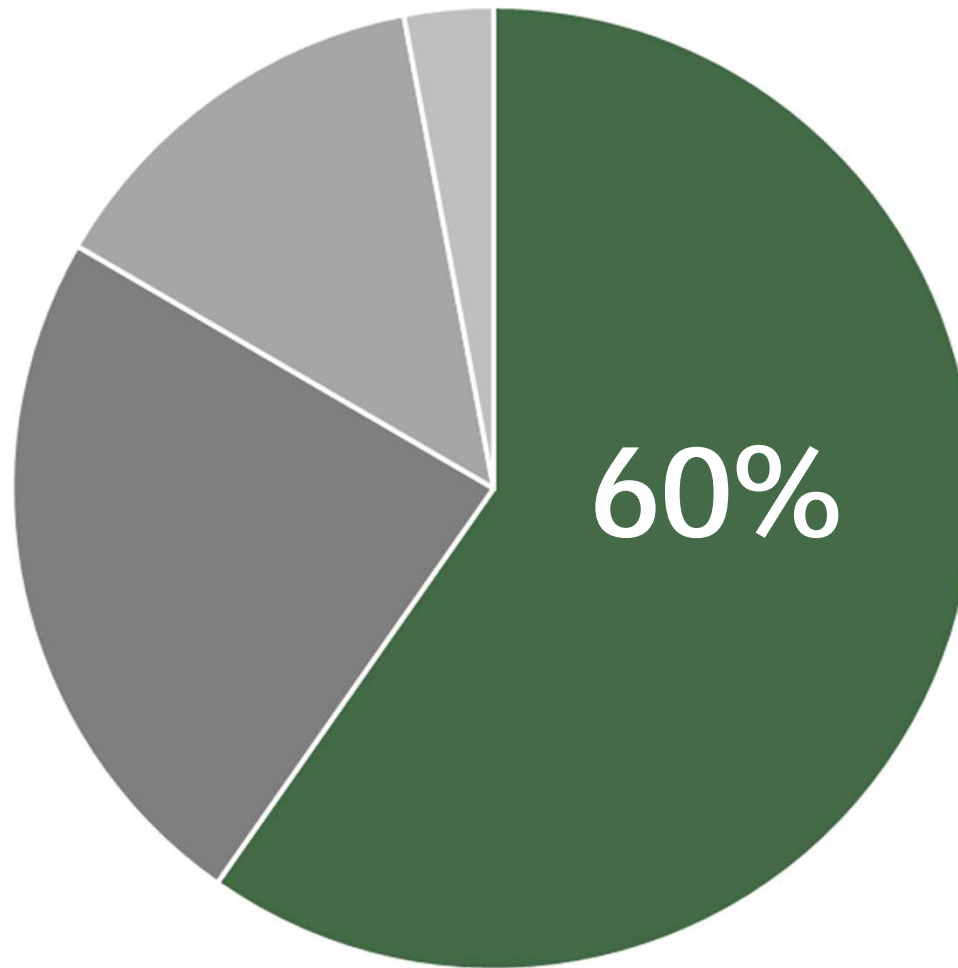
	# of Courses	# Met Seat Fill	Low Enrollment	Average Enrollment	High Enrollment
History	31	9	20 (1 course)	31	90 (6 courses)
Psychology	20	17	48 (1)	86	99 (1)
Communication Studies	10	2	15 (1)	86	149 (1)
Art	10	3	28 (1)	55	88 (1)
Economics	7	5	59 (1)	145	352 (1)
Counseling & Psychological Services	7	0	21 (1)	40	45 (4)
Arts & Sciences	7	4	17 (1)	63	118 (1)
Anthropology	6	0	41 (1)	83	97 (3)
Other Users	23	6	6 (1)	77	221 (1)

121 courses held

56 (46%) did not require a high-capacity room

Full-Time Faculty Office Analysis

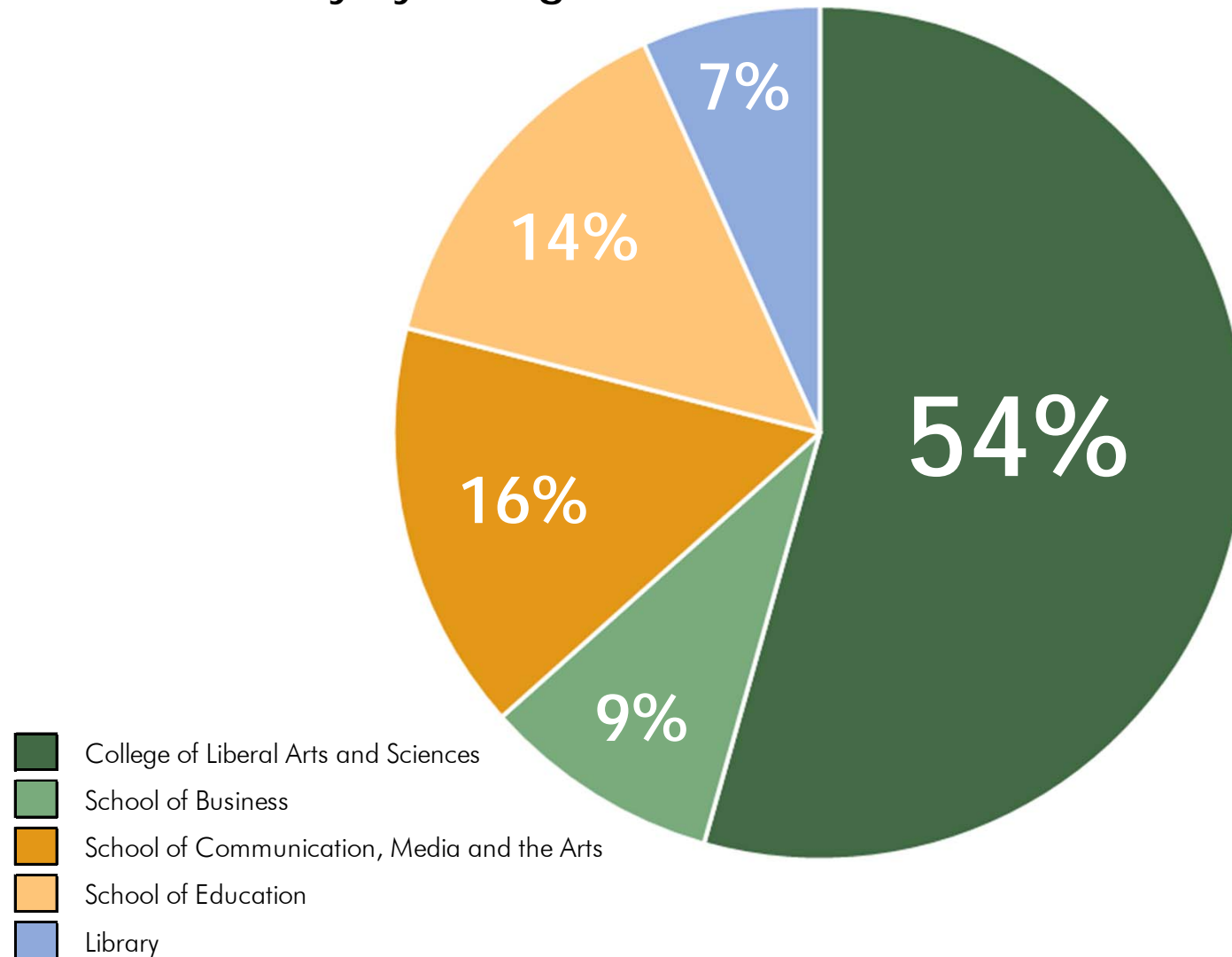
Employee Classification



- Full-Time Faculty
- Part-Time Faculty
- Full-Time Staff
- Part-Time Staff

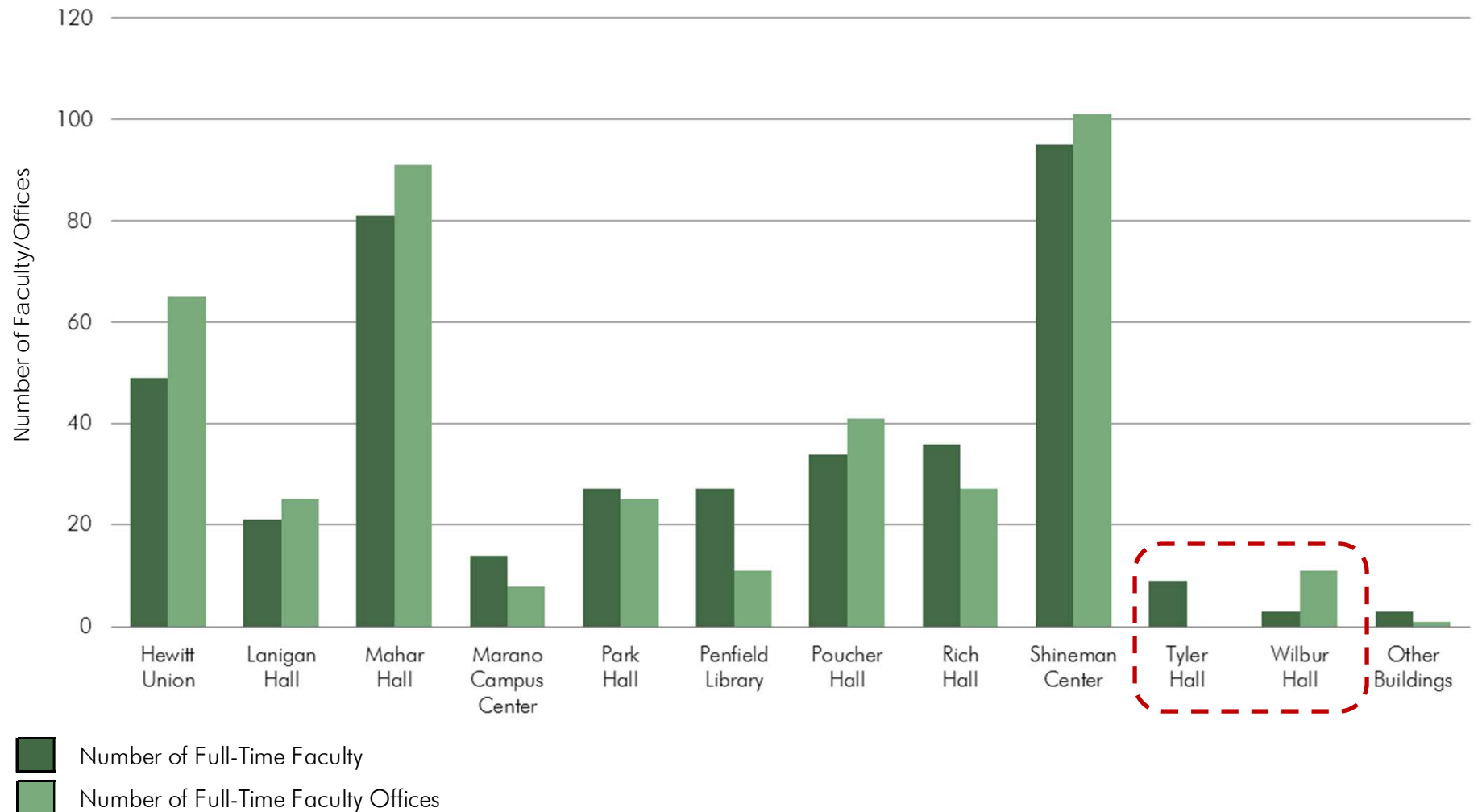
Full-Time Faculty Office Analysis

Full-Time Faculty by College/School



Full-Time Faculty Office Analysis

Number of Full-Time Faculty and Full-Time Faculty Offices by Building



Full-Time Faculty Office Analysis

Location Matrix

- College of Liberal Arts and Sciences
- School of Business
- School of Communication, Media and the Arts
- School of Education

Building Name	Number of Faculty											
	Hewitt Union	Lanigan Hall	Mahar Hall	Marano Campus Center	Park Hall	Penfield Library	Poucher Hall	Rich Hall	Sheldon Hall	Shineman Center	Tyler Hall	Wilber Hall

Department	Hewitt Union	Lanigan Hall	Mahar Hall	Marano Campus Center	Park Hall	Penfield Library	Poucher Hall	Rich Hall	Sheldon Hall	Shineman Center	Tyler Hall	Wilber Hall	Other Buildings
College of Liberal Arts and Sciences													
Anthropology			6										
Economics			10										
History			15										
Human Development			9										
Political Science			6										
Psychology			16										
Public Justice			7										
Sociology			4										
Dean of Arts and Sciences				1									
Philosophy				6									
Women's Studies				1									
English and Creative Writing				3			26						1
Modern Languages and Literatures				2			8						
Atmospheric and Geological Sciences										8			
Biological Sciences										22			1
Chemistry										13			
Computer Science										17			
Engineering										7			
Mathematics										21			
Physics										7			
School of Business													
Accounting, Finance and Law								14					
Marketing and Management								22					
School of Communication, Media and the Arts													
Music		8										2	
Theatre		7											
Communication Studies		7	17		1								
Art		4	4									7	
School of Education													
Curriculum and Instruction		23			3								
Counseling and Psychological Services				7								1	1
Dean of Education					1								
Educational Administration					3								
Health Promotion and Wellness				1			9						
Technology							7					2	
Vocational Teacher Preparation							4						

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Dean of Arts and Sciences				1										
Philosophy				6										
Women's Studies				1										
English and Creative Writing				3		26							1	
Modern Languages and Literatures				2		8								
Atmospheric and Geological Sciences										8				
Biological Sciences										22				1
Chemistry										13				
Computer Science										17				
Engineering										7				
Mathematics										21				
Physics										7				
School of Business														
Accounting, Finance and Law										14				
Marketing and Management										22				
School of Communication, Media and the Arts														
Music		8											2	
Theatre		7												
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Art		4	4									7		
School of Education														
Curriculum and Instruction		23			3									
Counseling and Psychological Services				7								1	1	
Dean of Education					1									
Educational Administration					3									
Health Promotion and Wellness				1		9								
Technology						7							2	
Vocational Teacher Preparation						4								

Building Name	Number of Course Meetings													
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Anthropology	6	25												
Economics	10	51												
History	40	60												
Human Development	2	51						1	13					
Political Science														
Psychology	22	61	4						2					
Public Justice	3	26												
Sociology	6	20												
Dean of Arts and Sciences														
Philosophy														
Women's Studies														
English and Creative Writing	9	2	17	189	32			4	18					
Modern Languages and Literatures	8		30	113	3				12					
Atmospheric and Geological Sciences				9										
Biological Sciences			1	2	18			1		80				10
Chemistry										59				
Computer Science										77				
Engineering					2	3			2	110				
Mathematics														
Physics					18	15			6	186				
School of Business														
Accounting, Finance and Law										95				
Marketing and Management										118				
School of Communication, Media and the Arts														
Music	19	34	3										28	
Theatre	47	5	3									5		8
Communication Studies			88	106	20	4								
Art	27	17	6										34	
School of Education														
Curriculum and Instruction	19		1		11					16				8
Counseling and Psychological Services			5	20										
Dean of Education														
Educational Administration	2											2		3
Health Promotion and Wellness														
Technology			2	7						55			5	
Vocational Teacher Preparation										35				20 3

Full-Time Faculty Office Analysis

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Atmospheric and Geological Sciences									8		
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Theatre	7										
Communication Studies	7	17		1							
Art	4	4								7	
School of Education											
Curriculum and Instruction	23			3							
Counseling and Psychological Services			7							1	1
Dean of Education					1						
Educational Administration					3						
Health Promotion and Wellness			1		9						
Technology					7						2
Vocational Teacher Preparation					4						

Building Name	Number of Course Meetings										
	Hewitt Union	Lanigan Hall	Mahar Hall	Marano Campus Center	Park Hall	Penfield Library	Poucher Hall	Rich Hall	Sheldon Hall	Shineman Center	Other Buildings
	6	25									
	10	51									
	40	60									
	2	51						1	13		
		43									
	22	61	4					2			
	3	26									
	6	20									
				48							
		9	2								
	9	2	17	189	32			4	18		
	8		30	113	3				12		
				9						80	
		1	2	18				1		59	10
					17					77	
				2	3			2		110	
				18	15			6		186	
				3	3					63	
								95			
								118			
	19	34	3							28	
	47	5	3							5	8
	88	106	20	4							
	27	17	6							34	
	19		1		11				16		8
		5	20								
	2								2		3
		2	7						5		
					55						
					35						20
											3

Full-Time Faculty Office Analysis

Location Matrix

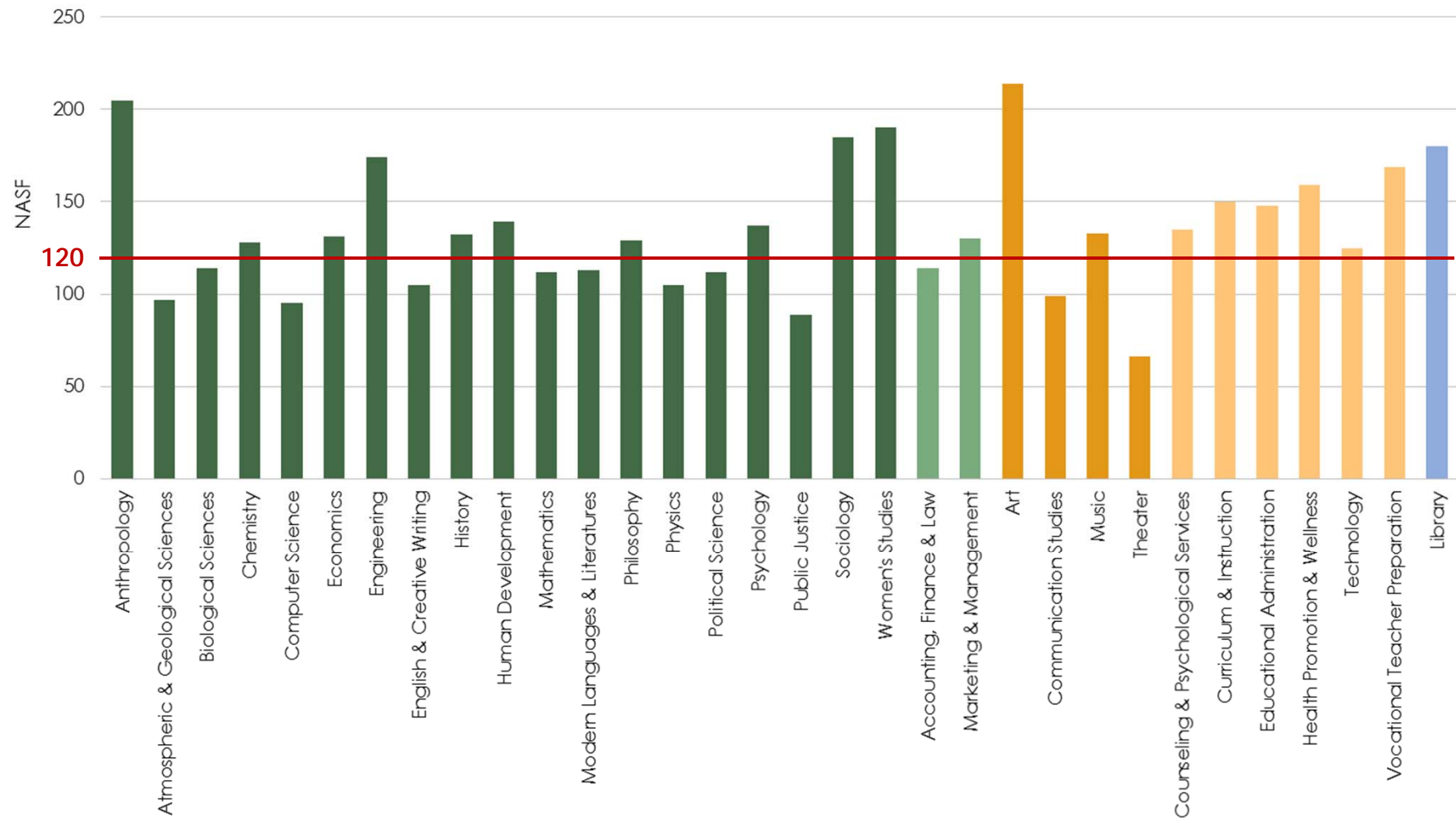
- College of Liberal Arts and Sciences
- School of Business
- School of Communication, Media and the Arts
- School of Education

Building Name	Number of Faculty										
	Hewitt Union	Lanigan Hall	Mahar Hall	Marano Campus Center	Park Hall	Penfield Library	Poucher Hall	Rich Hall	Sheldon Hall	Shineman Center	Other Buildings
College of Liberal Arts and Sciences											
Anthropology			6								
Economics			10								
History			15								
Human Development			9								
Political Science			6								
Psychology			16								
Public Justice			7								
Sociology			4								
Dean of Arts and Sciences				1							
Philosophy				6							
Women's Studies				1							
English and Creative Writing				3		26					1
Modern Languages and Literatures				2		8					
Atmospheric and Geological Sciences									8		
Biological Sciences									22		1
Chemistry									13		
Computer Science									17		
Engineering									7		
Mathematics									21		
Physics									7		
School of Business											
Accounting, Finance and Law								14			
Marketing and Management								22			
School of Communication, Media and the Arts											
Music	8									2	
Theatre	7										
Communication Studies	7	17		1							
Art	4	4								7	
School of Education											
Curriculum and Instruction	23			3							
Counseling and Psychological Services			7							1	1
Dean of Education					1						
Educational Administration					3						
Health Promotion and Wellness			1		9						
Technology					7						2
Vocational Teacher Preparation					4						

Building Name	Number of Course Meetings										
	Hewitt Union	Lanigan Hall	Mahar Hall	Marano Campus Center	Park Hall	Penfield Library	Poucher Hall	Rich Hall	Sheldon Hall	Shineman Center	Other Buildings
College of Liberal Arts and Sciences											
Anthropology	6	25									
Economics	10	51									
History	40	60									
Human Development	2	51						1	13		
Political Science		43									
Psychology	22	61	4					2			
Public Justice	3	26									
Sociology	6	20									
Dean of Arts and Sciences											
Philosophy				48							
Women's Studies		9	2								
English and Creative Writing	9	2	17	189	32			4	18		
Modern Languages and Literatures	8		30	113	3				12		
Atmospheric and Geological Sciences				9						80	
Biological Sciences		1	2	18				1		59	10
Chemistry										77	
Computer Science				2	3			2		110	
Engineering											
Mathematics				18	15			6		186	
Physics				3	3					63	
School of Business											
Accounting, Finance and Law								95			
Marketing and Management								118			
School of Communication, Media and the Arts											
Music	19	34	3							28	
Theatre	47	5	3							5	8
Communication Studies	88	106	20	4							
Art	27	17	6							34	
School of Education											
Curriculum and Instruction	19		1		11				16		8
Counseling and Psychological Services		5	20								
Dean of Education											
Educational Administration	2								2		3
Health Promotion and Wellness		2	7		55				5		
Technology					35						
Vocational Teacher Preparation										20	3

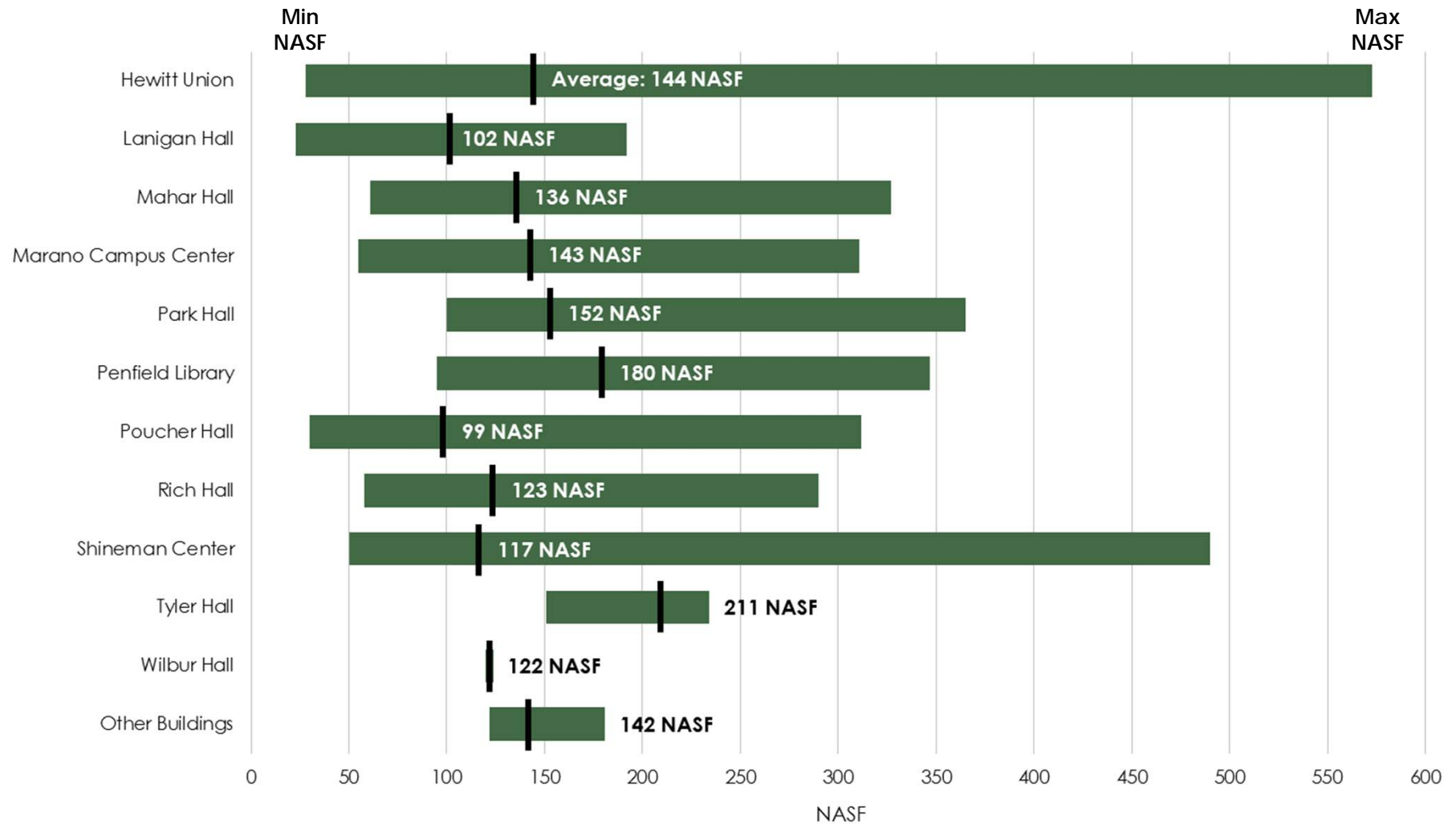
Full-Time Faculty Office Analysis

Average NASF per Full-Time Faculty by Department



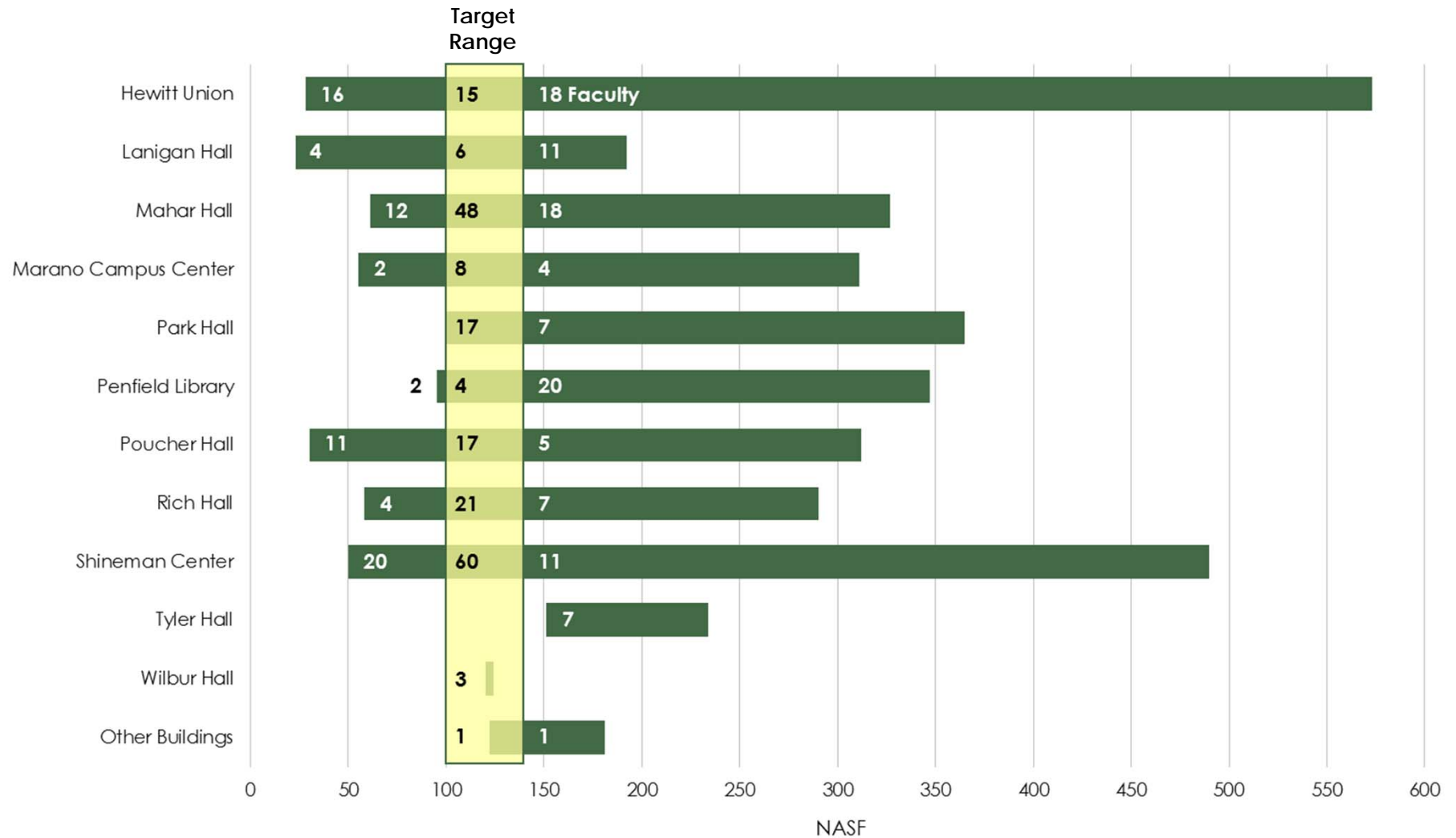
Full-Time Faculty Office Analysis

Average NASF per Full-Time Faculty by Building



Full-Time Faculty Office Analysis

Number of Full-Time Faculty by Building



Project Schedule

Task #	Key Tasks	2018												2019															
		November				December				January				February				March			April			May					
		5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	4	11	18	25	1	8	15	22	29	6	13
Project Kick-Off/Data Review																													
1	Kick-Off Meeting (Trip #1)	★																											
2	Review 2010 FMP, AIM data, floor plans, and 2014 Strategic Plan.																												
3	Evaluate enrollment history and projections (provided by the College), retention and completion data, academic plans, Strategic Plan, and personnel data.																												
Instructional Space Utilization Study and Office Space Analysis																													
4	Conduct an instructional space utilization study of all 'learning spaces' used by academic programs. This includes space in 13 academic buildings and 9 residence and dining halls. Prepare supporting graphics and associated narrative.																												
5	Prepare an analysis of office space used by primary academic user groups.																												
Campus Interviews																													
6	Initial interviews and summary write-ups for up to 14 interviews with College representatives over the course of two trips to campus (Trip #2). Interviewees to include: <ul style="list-style-type: none"> ■ President and Cabinet, including Chief of Staff, Provost and Associate Provost ■ Dean and Department Chairs, College of Liberal Arts & Sciences* ■ Dean and Department Chairs, School of Business* ■ Dean and Department Chairs, School of Communications, Media & Arts* ■ Dean and Department Chairs, School of Education* ■ Library and Office of Learning Services* ■ Information Systems / AV Services ■ Student Services (Bursar, Career, Registrar, etc.) ■ Auxiliary Services ■ Facilities Services ■ University Police ■ Student Leadership - includes online student survey(s) * Primary academic user groups Walk-through all academic buildings to develop an understanding of overall building condition, use patterns, and functional suitability. Includes meeting prep, development of questions to send to interviewees prior to meetings, and summaries of all meetings.	JMZ Closed																											
7	Steering Committee Meeting (Trip #3) Presentation of utilization study and office analysis results. Review key findings from campus interviews.	◆																											
8	College/SUCF review of utilization study, office analysis results and interview key findings. Provide feedback to JMZ by April 3.	▶																											
Concept Alternatives																													
9	Prepare NASF space budgets for the following primary academic user groups based on results of utilization/office analysis and campus interviews. Develop blocking and stacking diagrams to show existing space use in academic buildings by departments. <ul style="list-style-type: none"> ■ College of Liberal Arts & Sciences ■ School of Business ■ School of Communications, Media & Arts ■ School of Education ■ Library 																												
10	Steering Committee Meeting (Trip #4). Presentation of space budgets and blocking and stacking diagrams.	◆																											
11	College/SUCF review of space budgets and blocking and staking diagrams of existing space. Provide feedback to JMZ by March 27.	▶																											

Next Steps

Review Enrollment Projections

Prepare NASF Space Budgets for Primary Academic User Groups

Next Campus Meeting (week of April 29?)