

sightlines

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Wesleyan University Space Utilization Presentation

Originally Presented December 19, 2018

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University of Toledo
University of Vermont
University of Washington
University of West Florida
University of Wisconsin - Madison
Vanderbilt University
Virginia Commonwealth University
Wake Forest University
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Worcester Polytechnic Institute
Worcester State University



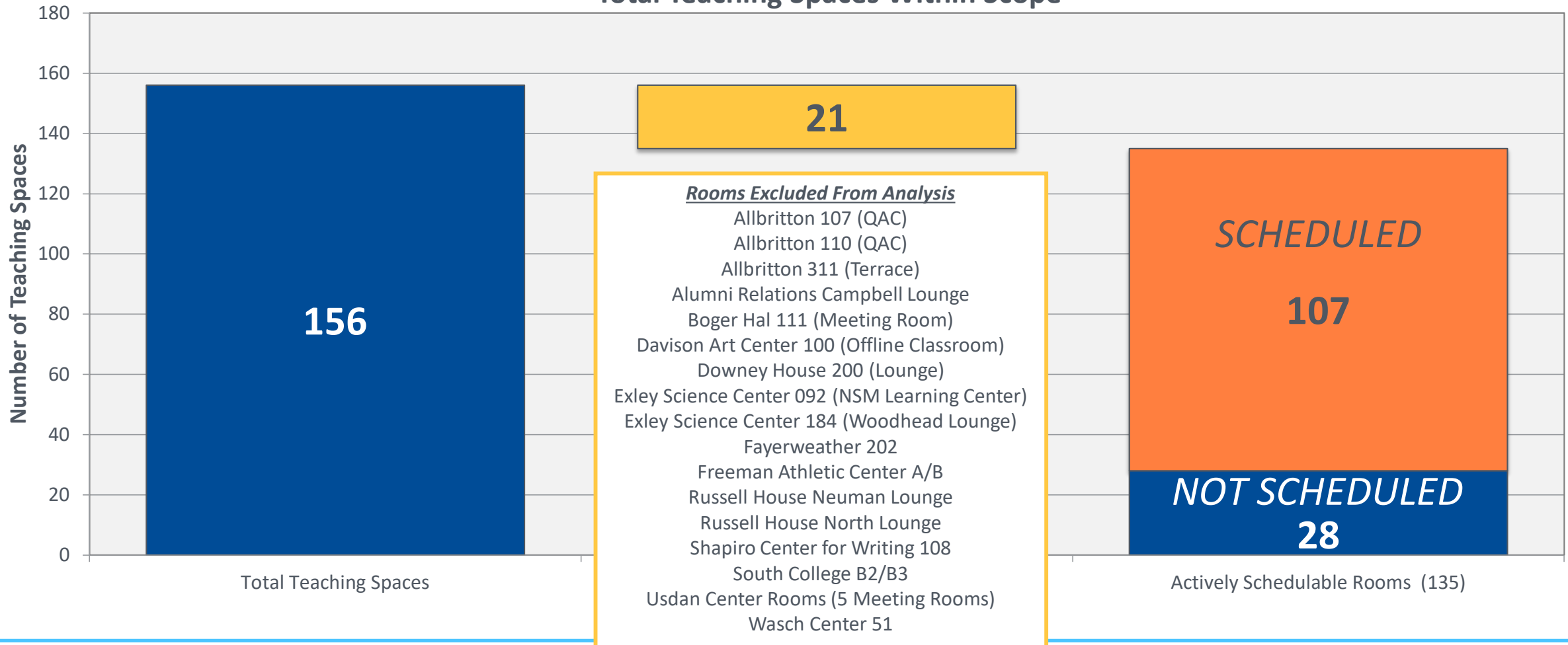
Summarizing Results for Fall 2017 Data Analysis

- **135 actively schedulable rooms analyzed; of which ~28 were not used for Fall 2017**
 - Most of these Specialty rooms, but also included a few Classrooms and many departmental Seminar Rooms
- **Additional meeting spaces exist across campus, not analyzed**
 - Excluded from this analysis; identified 21 locations not actively scheduled for classes
- **Utilization results by rooms type: 75-85% is the recommended range**
 - Classrooms: 50% 8am-4pm; 65% when adjusting for 845am start and common hour
 - Seat utilization at 44% and 47% respectively
 - Seminar Rooms: 33% 8am-4pm; 42% when adjusting for 845am start and common hour
 - Seat utilization at 46% and 49% respectively
 - Lecture Halls: 46% 8am-4pm; 56% when adjusting for 845am start and common hour
 - Seat utilization at 37% and 36% respectively
- **Daily average room utilization, adjusting for 845am start and common hour; excluding Specialty Rooms**
 - Monday: 52%; Tuesday: 62%; Wednesday: 62%; Thursday: 59%; Friday: 33%
- **Removing PAC rooms increased total room utilization by just 7%**
- **Over 2 dozen classrooms renovated in preparation for PAC coming offline**

Scope of this Analysis Fall 2017

Focusing on Actively Schedulable Rooms

Total Teaching Spaces Within Scope



Room-Type Definitions

Sightlines definitions

Room-Type Classifications:

- **Classroom** - General classrooms typically with a capacity of more than 20 students
- **Lecture Hall** - A room with auditorium-style fixed-seating; generally with a capacity over 60, not intended for performances
- **Seminar Room** - General space typically with capacity of 20 students or less; seating is oriented around a large table
- **Specialty Room- Laboratory/Studio/Performance/ Computer Lab** - A specialized room such as dance studio, art space, etc.



Lecture Hall

Exley Science Center Tower - 150



Classroom

Fisk Hall - 413

Examples



Seminar Room

Boger Hall - 110



Specialty Room

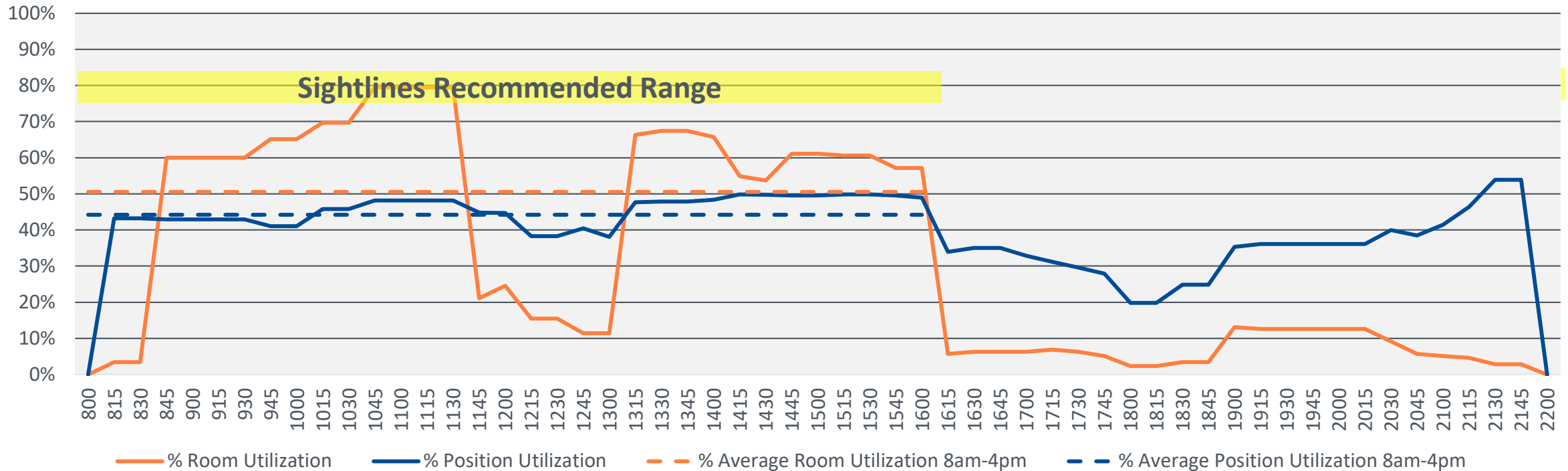
Schonberg Dance Studio - 101

Scheduled Classrooms Utilized 50%; Seats 44%

Best practice utilization for classrooms is >80%

	Classroom 35	Seminar Room 33	Lecture Hall 10	Specialty Room 28
Unscheduled in Fall 2017	5	6	1	17

Fall 2017; Classrooms, MTWRF

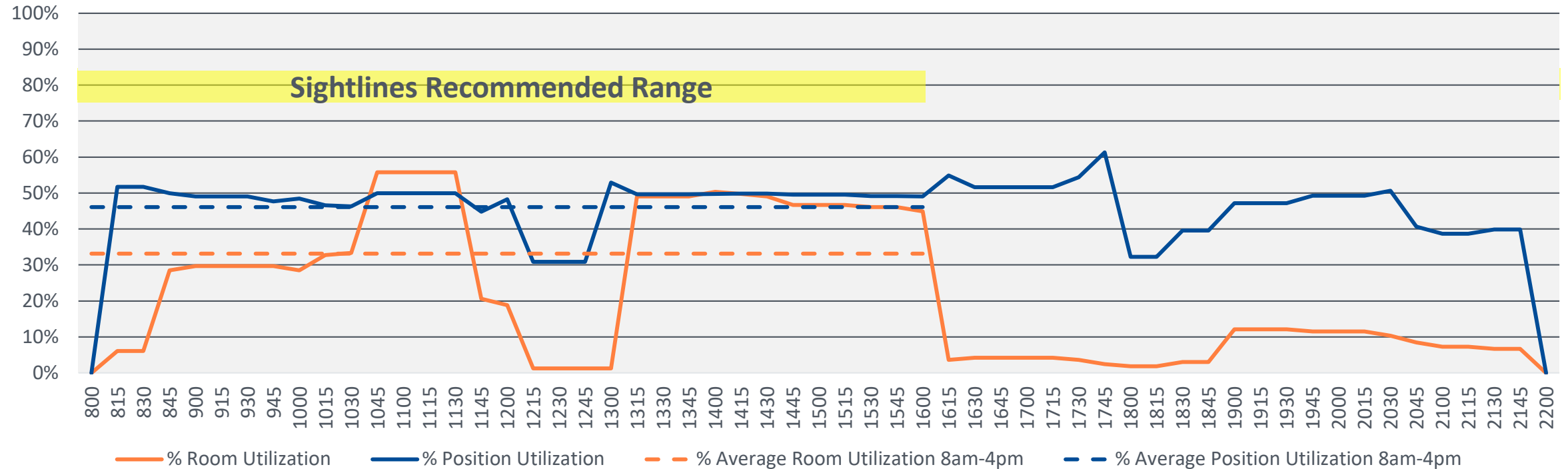


Scheduled Seminar Rooms Utilized 33%, Seats 66% Filled

Best practice utilization for classrooms is >80%

	Classroom 35	Seminar Room 33	Lecture Hall 10	Specialty Room 28
Unscheduled in Fall 2017	5	6	1	17

Fall 2017; Seminar Rooms, MTWRF

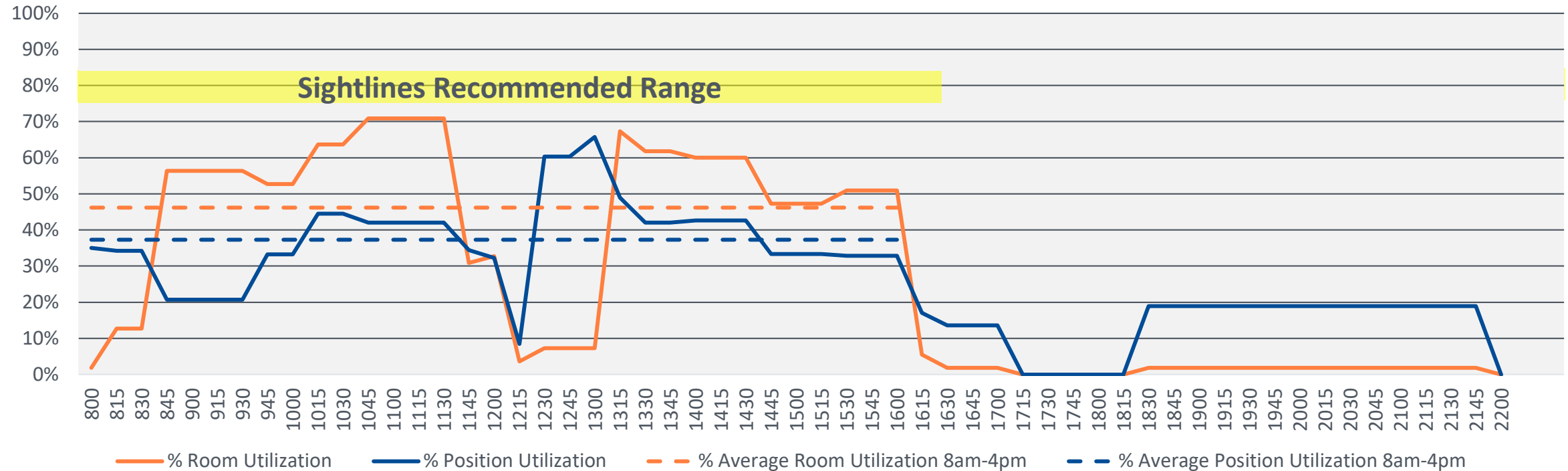


Scheduled Lecture Halls 50% Utilized, Seats 37%

Best practice utilization for classrooms is >80%

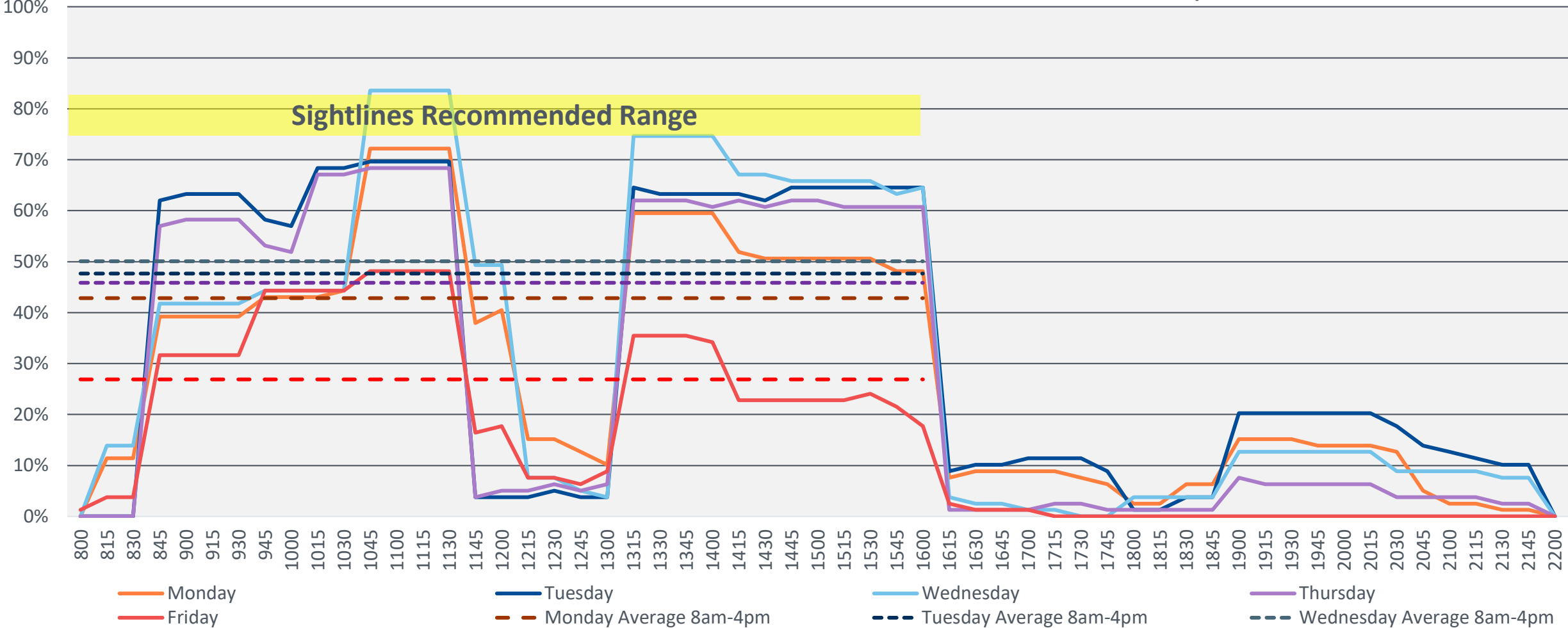
	Classroom 35	Seminar Room 33	Lecture Hall 10	Specialty Room 28
Unscheduled in Fall 2017	5	6	1	17

Fall 2017; Lecture Halls, MTWRF



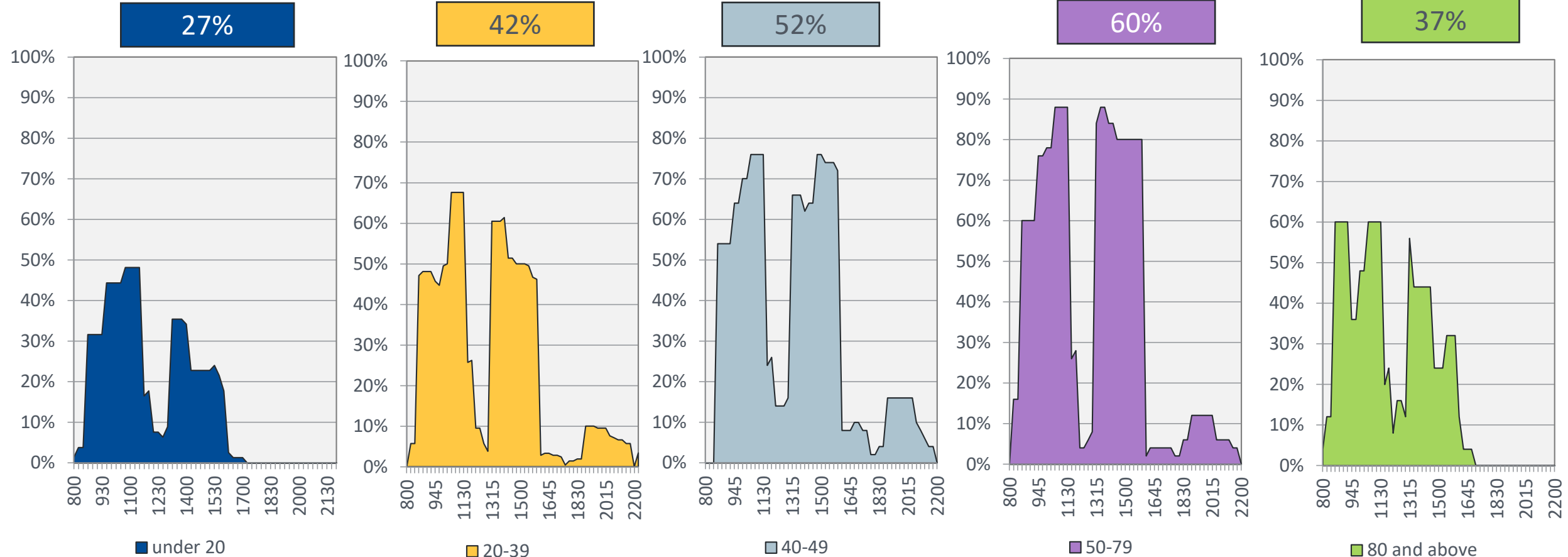
Wednesday Most Heavily Used, Friday Least; Excludes Specialty

Room Utilization: Classrooms, Lecture Halls and Seminar Rooms Only, MTWRF



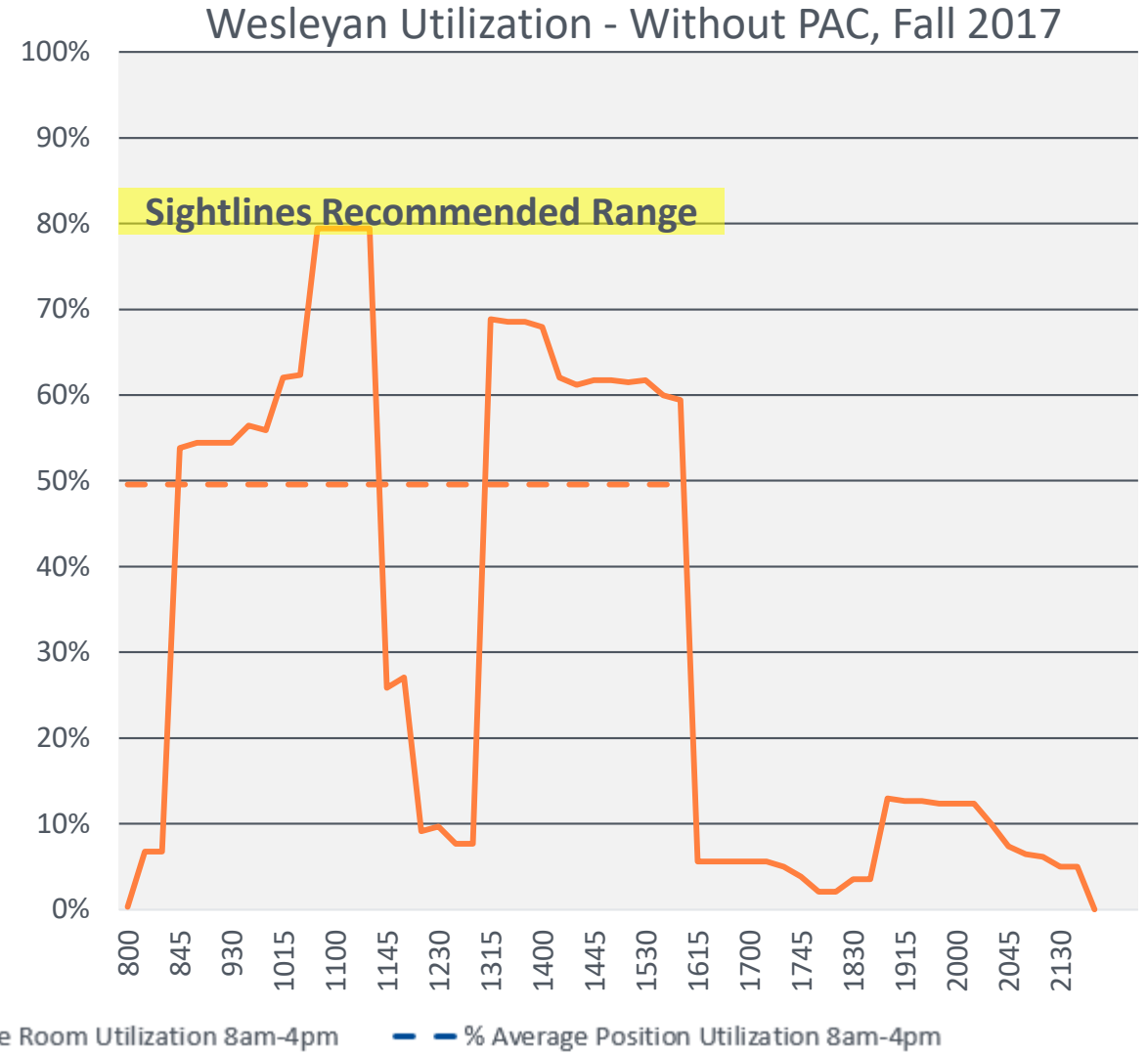
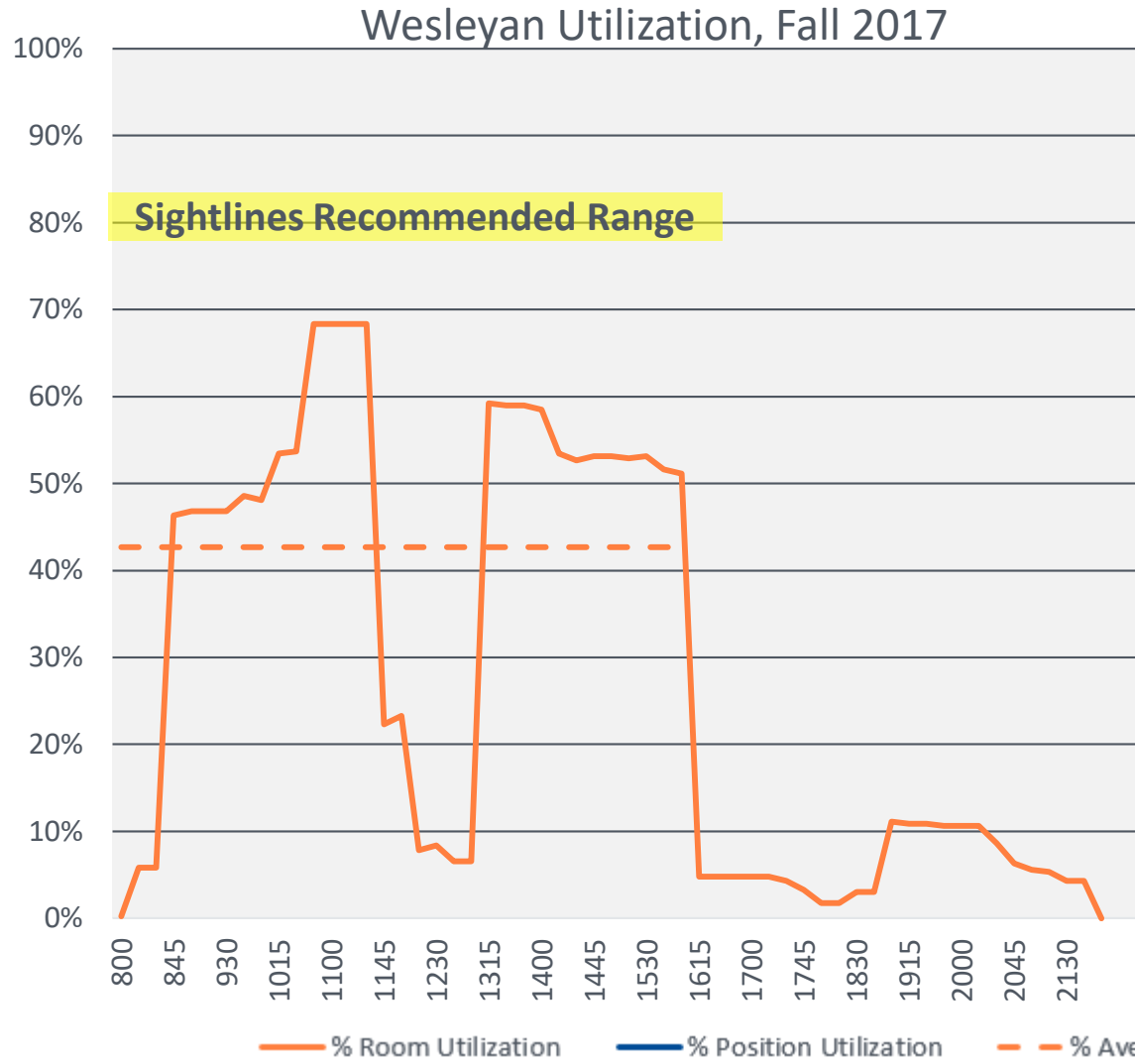
Mid-Sized Rooms Heavily Utilized; Excludes Specialty Rooms

Average Room Utilization from 8am-4pm



# of Rooms	12	42	10	10	5
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Without PAC, Room Utilization Increases 7%; Excludes Specialty



Least Utilized Rooms

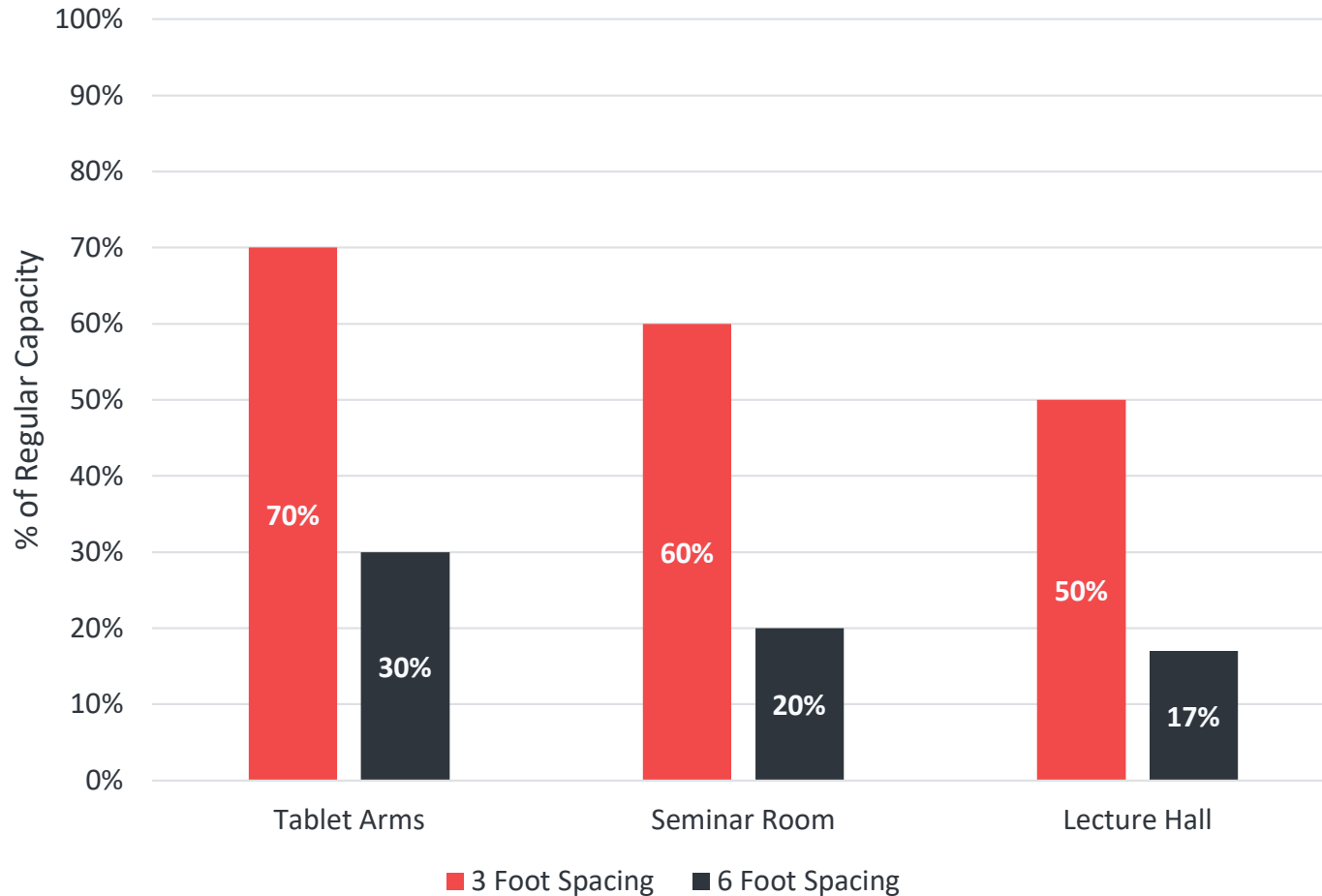
Room	Room Type	Capacity	Controlling Department	Average Utilization 8am-12pm	Average Utilization 1pm- 4pm
PAC 411	Seminar Room	9	Registrar	0%	9%
PAC 413	Seminar Room	11	Department	0%	12%
Exley Science 221	Seminar Room	22	Department	0%	6%
Exley Science 339	Classroom	20	Registrar	0%	18%
CFA M 202	Seminar Room	10	Shared	14%	0%
Center for African American Studies Lounge	Seminar Room	34	Department	0%	18%
Hall-Atwater 52	Seminar Room	15	Department	0%	0%
Center for the Americas 1	Seminar Room	14	Department	14%	18%
Romance Languages 106	Seminar Room	18	Shared	14%	18%
Olin Library 327B	Seminar Room	20	Registrar	28%	0%

24 Rooms Renovated in Preparation for PAC Offline

SUMMER 2018 - COMPLETED			SUMMER 2019		
Room	Avg 2016/ 2017 Use Excluding Common Time	Room Type	Room	Avg 2016/ 2017 Use Excluding Common Time	Room Type
Van Vleck Observatory_B11	0%	Classroom	Downey House_113	50%	Lecture Hall
CAAS_Vanguard Lounge	8%	Seminar Room	Exley Science Center_201	33%	Classroom
Russell Millett	was not measured	Classroom	Downey House_200 Lounge		Lounge
Exley Science Center_201	33%	Classroom	Exley Science Center_638	37%	Classroom
Olin Library_327B	25%	Seminar Room	Exley Science Center_618	50%	Classroom
Religious Studies_105	50%	Seminar Room	CFA M Zilkha_202	8%	Seminar Room
Fisk Hall_410	23%	Classroom	Fisk Hall_302	66%	Lecture Hall
Exley Science Center_58	34%	Lecture Hall	Hall-Atwater_56	17%	Classroom
Fisk Hall_412	33%	Seminar Room	Hall-Atwater_52	0%	Seminar Room
CFA J_Ring Hall	8%	Lecture Hall	Hall-Atwater_53/54	8%	Seminar Room
CFA F Music Studios_301	45%	Classroom	Downey House_208	33%	Seminar Room
Van Vleck Observatory_110	41%	Classroom			
Exley Science Center_113	50%	Classroom			

Average Impacts to Capacity by Setup Type

Room Capacity Impacts of Spacing Models



Setup Type	6 Foot Spacing	3 Foot Spacing
Tablet Arm Classroom	30-45% of Reg. Capacity	70-100% of Reg. Capacity
Seminar Room	20-40%	60%
Lecture Hall	17-21%	50%