SPACE MANAGEMENT
at
RICE UNIVERSITY

ANNUAL REPORT

FY18

Summary

All initiatives undertaken this past year had two primary objectives: to provide functional, effective, and flexible space for the Rice community to accomplish the academic mission of the university; and, to improve utilization of the university's space resources.

- *Research space* represents an extraordinary opportunity to address the goals of the V2C2 while modernizing existing lab space, improving allocation, and eliminating a significant deferred maintenance backlog. The report will summarize the Natural Sciences and Engineering Research Space Study objectives and illustrate how these initiatives fit with our current research space inventory, including a case study of the Space Science Renovation, which is nearing completion.
- *Instructional space* has seen several improvements the past couple of years. The report will cover improvements for undergraduate teaching facilities as well as programs implemented to facilitate the maintenance of Rice's instructional environments.
- *Administrative space* initiatives included continuation of the Office Space Renovation Projects, implementation of a "new way of working" concept for administrative office space in the Cambridge Office Building, and an update on the annual process for managing emeriti and multiple office assignments.

Finally, the report outlines the Space management goals for FY 2019 and includes a snapshot of the current University Space Profile.

Research Space

Natural Sciences and Engineering Research Space Study

In anticipation of the V2C2 objective for expanding research at Rice, the study examined current research labs, including condition and utilization of assigned space, availability of underutilized and unused space, and demand for various types of labs. In addition, this study evaluated synergies and defined capabilities of existing research spaces.

Study goals:

- Provide a roadmap to ensure that Rice has the quantity, quality, and adjacencies of research space to support its research program over the next decade.
- Document faculty, staff and stakeholder perspectives on research labs at Rice.
- Understand common practices in laboratory design at other universities compared to Rice's existing lab spaces.
- Identify shortcomings of existing labs at Rice and outline methods to upgrade or repurpose existing labs to satisfy current and future lab needs.
- Identify requirements for access to shared equipment and support shops.
- Understand existing lab utilization, including condition, people and equipment saturation, to better understand effective use of existing lab spaces and equipment cores.
- Understand how to improve lab utilization by assignment strategy, technology, infrastructure, equipment, FTEs, and/or aesthetics.
- Identify options and make recommendations to address issues uncovered by the study.
- Analysis of incremental renovation versus larger scale renovation.

Working with stakeholders in Natural Sciences, Engineering, and Administration, the study consultant, Ellenzweig Associates submitted a study report outlining recommendations for more effective and efficient use of existing research space through densification and renovation. The report also defines potential increases in the number of principal investigators through more efficient use of existing research space, renovated space, and possible new space. The study also maps out a path for Rice to update its research buildings to support current and future research needs while eliminating millions of dollars in deferred maintenance.

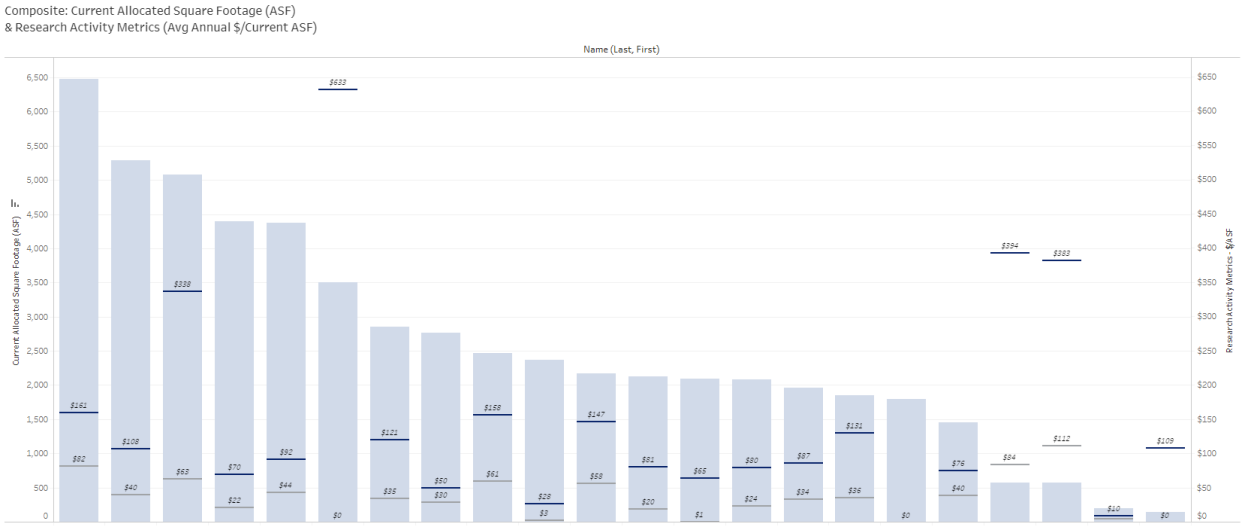
Space Science & Technology Building Renovation

This past year, three significant renovation projects were planned for the Space Science and Technology Building: renovation of the basement for the new Cleanroom Project; renovation of the entire second floor for the Molecular/Nanotechnology Initiative; and a partial renovation of the third floor for the Smalley-Curl Institute. It was clear all these projects happening at the same time posed a major disruption to the remaining occupied areas of the building. The University took this opportunity to combine these projects and roll them into a complete renovation of the building and its infrastructure. In doing so, several things were possible:

- First, activities in the building that were better suited in other locations were relocated.
- Inefficient uses of space were addressed.
- Cost efficiencies of 10-15% were gained performing the work as one project.
- $4 million of deferred maintenance was eliminated in the building.
- Office and laboratory space efficiency throughout the building was significantly increased. The total building occupants in the building prior to renovation were 9 research faculty and 60 grad students, post-docs, and staff. Following renovation the research space will support 14-17 research faculty, and up to 169 grad students, post-docs, and staff. Assignable square footage before renovation of 46,889, increased to 49,809 after renovation.

Research Activity Tool

The Research Activity Tool, used to help evaluate effective utilization of research space, has been updated to include the latest Principal Investigator grant information and has been automated to update annually as this data is compiled.



The grant portfolio data for each principal investigator is overlaid on the assignable research space square footage they have been allocated. A three-year rolling average of three metrics, total research dollars per assignable square foot, facilities and administration dollars per square foot, and total assignable square feet allocated to a principal investigator, are used to help evaluate research activity. The tool assists deans and department chairs to strategically plan research space allocations.

Instructional Space

Undergraduate Teaching Laboratories

Last summer several undergraduate teaching laboratories were renovated as an outcome of the Undergraduate Teaching Laboratory Study completed in 2016. The goal of the study was to create state-of-the-art teaching labs while improving the flexibility and utilization of these costly and important resources for undergraduate education. Based on the study, funding was made available to renovate the Symonds II Lab in Duncan Hall, the PChem Lab in Dell Butcher Hall, and the Undergraduate Teaching Labs in the M.D. Anderson Biological Laboratories Building. These projects enabled the consolidation of teaching facilities, providing open, attractive, functional, and flexible laboratories that facilitate teaching a variety of courses in fewer spaces. In addition, the projects provided funding to update teaching lab equipment.

This summer, a project commenced to relocate the Bioengineering Undergraduate Teaching Labs from both Keck Hall and Ryon Laboratory to the BioScience Research Collaborative (BRC). These two Bioengineering teaching labs will be collocated on the 2nd Floor of the BRC and designed to promote flexibility in teaching as well as efficient space utilization. The space vacated in Keck Hall will be the new home for the Chemical & Biomolecular Engineering (ChBE) Undergraduate Teaching Lab currently located in Abercombie. By moving the ChBE Undergraduate Teaching Lab to Keck Hall, the School of Engineering is able to meet teaching lab accreditation requirements identified as deficiencies in Abercrombie.

Classrooms

The Classroom Quality Management Team (CQMT) in collaboration with the Assistant VP for Facilities developed a classroom maintenance program for the 105 Office of the Registrar scheduled classrooms. Each summer, 1/3 of these classrooms are scheduled for preventive maintenance painting and cleaning, funded by the FE&P Facilities budget. Therefore, in addition to regular cleaning by the custodial staff on an ongoing basis, each classroom will be touched up in an organized, consistent, and scheduled manner every three years. By addressing classroom maintenance on a routine and consistent basis each summer, the need to take classrooms out of service during a semester to perform this work is eliminated, improving classroom utilization.

To improve security, deadbolt locks have been installed on all Registrar-scheduled classrooms.

Office / Administrative Space

Office Space Renovation Funding

Each year renovation funding is set aside to fund projects aimed at improving the quality and efficiency of office space. The funding is available through a competitive process that identifies projects meeting the following criteria:

- The proposal effectively implements the Office and Administrative Space standards.
- There is a measurable gain in the number of people per assignable square foot in the area considered for renovation.
- There are space utilization benefits to other adjacent areas and/or departments.
- The proposal has the potential to reduce deferred maintenance.

This year, the fund enabled relocation of the Dean of Social Sciences offices from Baker Hall to the 3rd Floor of Sewall Hall. The new location of the Dean's suite incorporated staff offices that are in alignment with the space standards for office space. This project enabled the allocation of less space for the same number of occupants. The project created an opportunity in Baker Hall for the Baker Institute to meet ongoing, as well as emerging space needs. The project also enabled the removal of asbestos that facilitated the long awaited installation of the latest data networking infrastructure.

Since its inception, the program has reduced the ASF/person allocated for office use by an average of 121 ASF. The average project cost for these renovations has been $150/ASF.

"New Ways of Working" – Cambridge Office Building

The new Cambridge Office Building is in its first year of occupancy. This 70,000 SF project enabled Rice to:

- Discontinue leasing 24,000 square feet of office space at the Memorial Hermann Medical Plaza Building, which was costing the university over $1.25 million per year.
- Mothball the 25,700 square foot Greenbriar building, at an annual savings of $30k/year in energy costs.
- Bring several administrative departments back to the central part of campus.

Using a concept called "New Ways of Working," the project team developed a working environment focused on facilitating a variety of work styles in different work settings. New Ways of Working offers the opportunity for moving around in the building to suit the kind of

work at a given moment. Whether it is a small group meeting, collaborative work, a large team meeting, or just some "heads-down" quiet type work, there is a space available to get it done.

A planning model of "Me" vs. "We" space helped departments develop the most suitable working environment for the type of work to be accomplished. The model used a 10' x 6' planning module. The quantity of these planning modules formed the "space budget" available to each department based on the department's actual headcount. Departments then had the flexibility to configure these modules as needed to meet the diverse ways staff need to work using variables such as modules/person, filing space, meeting space, and fit factor or contingency seats. Some departments opted for a primarily open office configuration with a mix of huddle rooms, phone rooms, medium sized meeting rooms and large group workrooms. Other departments chose to provide mostly closed workspaces and a mix of different huddle/meeting rooms.

To reduce the need for filing space, departments were encouraged to scan documents and files for electronic storage. Technology within the building promotes flexibility in work styles, preferences, and needs. Huddle rooms and meeting rooms were equipped with state-of-the-art audio/visual equipment to support flexibility in work environments.

By employing this planning concept, 80% of the workstations in the building are open. There are 67 total collaboration spaces throughout the building, which translates to one meeting space for every 3.9 individuals, or 1.3 meeting seats. 60% of the collaboration spaces are closed spaces of varying size ranging from 2 person rooms to 20 person rooms.

Through redefining the workspace in the design of the Cambridge Office Building, Rice has provided employees with an attractive, comfortable, flexible work environment that accommodates the relocated departments in 80% of their original space. In addition to reducing space allocated to individual work areas by 23%, the building includes more efficient use of meeting/collaboration spaces and 75% less space devoted to filing and storage.

For a project like this to be successful, there must be a program designed to manage the significant change to accomplishing work in this new environment. An extensive change management effort incorporated into the design process engaged senior administration and department directors. Workplace Ambassadors, recruited from each department, provided effective communication to everyone moving into the building with the goal of making the transition to the new workplace as seamless as possible on day one.

Emeriti / Multiple Office Assignments

A process for managing the number of multiple and Emeritus office assignments was developed as an outcome of the 2013 Space Task Force Report. The report specifically prohibits the allocation of more than one office to an individual. The Provost may approve assignment of a secondary office on an exception and time-limited basis. The Provost should review all multiple office assignments each year.

Regarding Emeritus faculty offices, Rice recognizes and values the contributions of emeritus faculty and supports their ongoing scholarly and professional activity. On a space available basis, emeritus faculty may occupy shared office space when they are actively engaged in ongoing teaching, research, publication, or service to the University. Assignment of a private office to an emeritus professor requires approval by the Provost as an exception to policy and should be based on a level of activity comparable to that of a full-time faculty member. Deans must certify annually to the Provost that the assignment of offices to emeritus faculty in their school will meet the criteria above. The Provost should review all faculty emeritus office assignments each year.

In the year of implementation of these two policies, there were 47 faculty and staff with more than one office assigned to them. That number is now 17. The number of Emeriti faculty assigned office space has gone from 35 to 19. The annual process put in place for managing these office assignments is largely responsible for the gains in office space efficiency in these two areas. Improvements to the electronic tools facilitating this process are on-going.

2019 Space Management Goals

Revision of Office Space Standards

Since implementation of office space standards following the Space Task Force Report in 2013, it has become clear some adjustments are needed. In the coming year, the University Space Committee will evaluate the current job title-based classifications defining office space requirements.

Further Development of Visualization Tools

Work will continue on the Research Space Activity Tool to incorporate square foot allocations per FTE in each research group.

V2C2 Renovation Program Space Goals

A "core goal" of the The Vision for the Second Century, Second Decade (V2C2) is to "elevate research achievement and reputation." As stated in this core goal, "We should aim to double our research funding over the next decade." This has significant implications for space at Rice, particularly research space. This goal also presents unprecedented opportunity to renovate our research infrastructure and prepare it to support groundbreaking research for the coming decades. Space management goals to support this effort include:

- Collaborate with the University Architect and Project Management to develop a coordinated building renovation, phasing, and swing space strategy for building renovation projects in the coming year.
- Work with Facilities and Operations to coordinate areas of existing buildings targeted for renovation, facilitating appropriate planning for deferred maintenance drawdown and utility consumption.
- Coordinate the capital project renovation program with the Director of Sustainability, Operations, and the University Engineer to improve the Energy Use Index (EUI) for each renovated building.
- Provide current space data to support the development of a sustainable 3-year capital planning program to facilitate strategic planning of capital projects.

Space Management Key Performance Indicators (KPIs)

Over the next year, Facilities Business Analytics will provide support to develop KPIs for monitoring effective use of space.

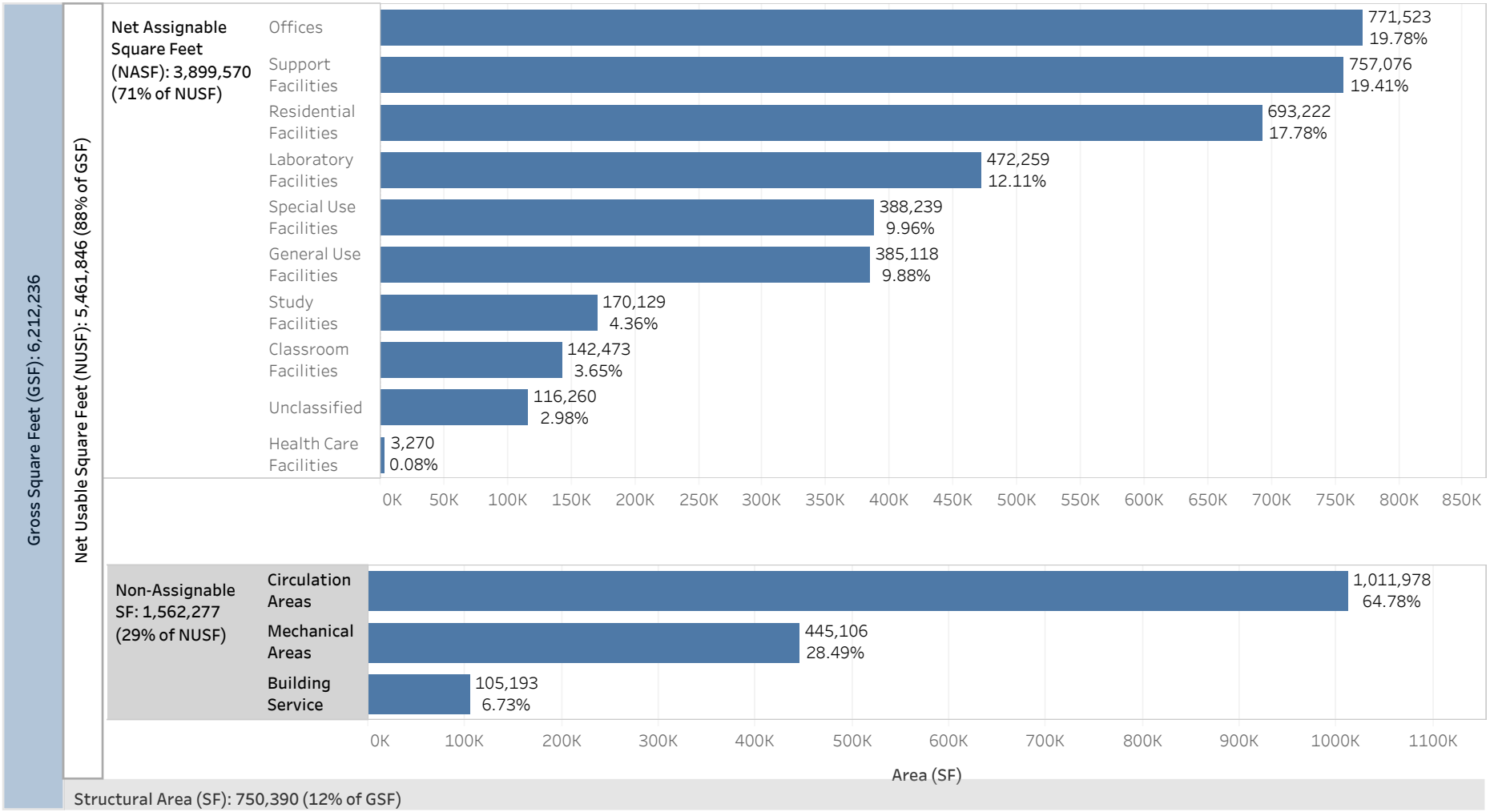
Appendix – 2019 University Space Profile

Space Profile Sets

Included in this report, a snapshot taken in August 2018 of the space allocation profile for the university. The space profile sets are:

- Facility Space Summary
- Area Distribution by Building
- Divisional Summary
- Departmental Area by Building
- Departmental Area by Category

Rice University Facility Space Summary- August 2018



Rice University Area Distribution by Building- August 2018

Rice University Buildings	Fep Building Desc	Building Assignable Area (SF)	Building Service Area (SF)	Circulation Area (SF)	Mechanical Area (SF)	Tota Non-Assignable Area (SF)	Structural Area (SF)	Building Gross Area (SF)	% Assignable Area	% Non-Assignable Area	% Structural Area
Athletics	BRIAN PATTERSON SPORTS PERFORMA..	46,784	478	15,115	2,609	18,202	5,616	70,602	66%	26%	8%
	GEORGE R. BROWN TENNIS CENTER	7,631	107		84	191	1,245	9,066	84%	2%	14%
	HOLLOWAY FIELD - TRACK & SOCCER STA	2,543	588	45		633	353	3,529	72%	18%	10%
	RECKLING PARK AT CAMERON FIELD	25,629	2,197	8,750	1,276	12,223	5,391	43,243	59%	28%	12%
	RICE STADIUM	182,719	13,191	7,946	8,000	29,137	12,203	224,058	82%	13%	5%
	TUDOR FIELDHOUSE AND YOUNGKIN C..	131,067	612	5,957	12,226	18,795	37,768	187,631	70%	10%	20%
	Total	**396,373**	**17,172**	**37,813**	**24,195**	**79,180**	**62,575**	**538,128**	**72%**	**16%**	**12%**
Buildings	ABE AND ANNIE SEIBEL SERVERY	9,709	59	1,070	192	1,321	1,074	12,104	80%	11%	9%
	ABERCROMBIE ENGINEERING LABORA..	53,607	1,181	14,123	2,721	18,025	7,265	78,897	68%	23%	9%
	ALICE PRATT BROWN HALL	64,167	2,406	33,419	14,414	50,239	39,893	154,299	42%	33%	26%
	ALLEN BUSINESS CENTER	38,847	1,297	11,480	4,315	17,092	7,255	63,195	61%	27%	11%
	ANDERSON-CLARKE CENTER	33,780	2,077	10,373	3,463	15,913	7,181	56,874	59%	28%	13%
	ANNE AND CHARLES DUNCAN HALL	59,804	2,378	35,892	16,612	54,883	20,101	134,788	44%	41%	15%
	BARBARA AND DAVID GIBBS REC & WELL	68,591	2,769	17,755	11,166	31,689	17,047	117,326	58%	27%	15%
	BIOSCIENCE RESEARCH COLLABORATIVE	610,021	10,179	84,549	78,102	172,831	49,644	832,496	73%	21%	6%
	BROCKMAN HALL FOR PHYSICS	62,135	2,295	32,113	12,269	46,678	15,509	124,322	50%	38%	12%
	CAMBRIDGE OFFICE BUILDING & CAMP..	200,585	2,610	13,156	7,302	23,068	13,681	237,334	85%	10%	6%
	CENTRAL PLANT	21,839	72	178		249	4,823	26,911	81%	1%	18%
	COOLING TOWER	12,263		406		406	868	13,536	91%	3%	6%
	DELL BUTCHER HALL	45,383	1,871	17,421	11,793	31,085	10,202	86,670	52%	36%	12%
	FACILITIES ENGINEERING & PLANNING	26,263	1,115	5,734	214	7,064	1,065	34,392	76%	21%	3%
	FONDREN LIBRARY	165,768	3,287	30,999	13,211	47,498	21,061	234,327	71%	20%	9%
	GEORGE R. BROWN HALL	63,076	2,095	23,763	32,171	58,029	20,438	141,543	45%	41%	14%
	GREENHOUSE	3,458				0	33	3,491	99%	0%	1%
	HAMMAN HALL	12,705	764	4,718	1,555	7,036	3,907	23,648	54%	30%	17%
	HERMAN BROWN HALL	32,841	1,493	17,571	3,760	22,824	6,111	61,776	53%	37%	10%
	HERZSTEIN HALL	29,124	705	11,076	1,454	13,235	9,970	52,328	56%	25%	19%
	HOUSING & DINING OFFICES	3,714			33	33	477	4,225	88%	1%	11%
	HUMANITIES BUILDING	21,889	1,854	11,848	5,032	18,734	8,364	48,987	45%	38%	17%
	JAMES A. BAKER III HALL	36,450	1,991	12,072	4,661	18,723	9,962	65,135	56%	29%	15%
	KECK HALL	52,641	1,519	17,566	8,041	27,126	18,881	98,647	53%	27%	19%
	KEITH-WIESS GEOLOGICAL LABORATOR..	26,111	1,511	12,495	4,859	18,864	5,645	50,621	52%	37%	11%
	LOVETT HALL	22,708	678	13,171	3,235	17,084	10,737	50,528	45%	34%	21%

Building Assignable Area (SF), Building Service Area (SF), Circulation Area (SF), Mechanical Area (SF), Tota Non-Assignable Area (SF), Structural Area (SF), Building Gross Area (SF), % Assignable Area, % Non-Assignable Area and % Structural Area broken down by Rice University Buildings and Fep Building Desc. The data is filtered on Fep Room Status, which keeps OPEN. The view is filtered on Fep Building Desc, which keeps 86 of 86 members.

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Buildings	MCNAIR HALL - JGSB - CENTRAL GARAGE	273,250	4,479	44,312	24,471	73,263	34,979	381,492	72%	19%	9%
	MD ANDERSON BIOLOGICAL LABORATO..	58,114	1,759	22,345	8,837	32,941	10,732	101,786	57%	32%	11%
	MD ANDERSON HALL	29,931	841	10,883	1,726	13,451	6,214	49,596	60%	27%	13%
	MECHANICAL ENGINEERING	18,622	821	6,512	1,626	8,958	2,660	30,241	62%	30%	9%
	MECHANICAL LABORATORY	13,659	401	4,485	2,949	7,835	5,193	26,686	51%	29%	19%
	MEDIA CENTER	13,195	302	1,906	82	2,290	1,788	17,273	76%	13%	10%
	MOODY CENTER FOR THE ARTS	31,063	1,444	19,070	4,651	25,164	7,896	64,124	48%	39%	12%
	MORTON L. RICH STUDENT HEALTH CTR	4,413	228	1,884	5,461	7,573	1,365	13,352	33%	57%	10%
	MUDD COMPUTER SCIENCE BUILDING	17,221	606	7,988	1,103	9,698	3,864	30,782	56%	32%	13%
	NORTH KITCHEN SERVERY	13,950	341	1,221	7,506	9,068	3,079	26,097	53%	35%	12%
	OSHMAN ENGINEERING DESIGN KITCH..	19,640	929	866	2,534	4,329	2,431	26,400	74%	16%	9%
	PETER AND NANCY HUFF HOUSE	6,133	315	1,397	117	1,828	1,370	9,331	66%	20%	15%
	POLICE DEPARTMENT BUILDING	16,124	656	2,409	471	3,536	1,325	20,985	77%	17%	6%
	RAYMOND & SUSAN BROCHSTEIN PAVI..	5,919	205	266	57	527	703	7,149	83%	7%	10%
	RAYZOR HALL	17,018	1,050	8,144	1,428	10,622	3,888	31,528	54%	34%	12%
	RMC/LEY STUDENT CENTER	50,732	1,990	14,268	3,926	20,184	8,764	79,680	64%	25%	11%
	ROBERT AND AGNES COHEN HOUSE	13,063	727	3,613	1,226	5,566	3,119	21,747	60%	26%	14%
	ROBERT R. HERRING HALL	24,966	1,332	16,636	2,688	20,656	5,580	51,202	49%	40%	11%
	RYON ENGINEERING LABORATORY	32,014	1,517	10,698	2,446	14,661	4,257	50,932	63%	29%	8%
	SEWALL HALL	55,860	2,383	22,228	7,787	32,398	16,965	105,224	53%	31%	16%
	SOUTH KITCHEN SERVERY	17,036	404	4,196	12,874	17,474	3,948	38,458	44%	45%	10%
	SOUTH PLANT	15,233			1,023	1,023	1,124	17,380	88%	6%	6%
	SPACE SCIENCE AND TECHNOLOGY	39,274	1,749	21,061	8,619	31,428	16,855	87,557	45%	36%	19%
	WEST KITCHEN SERVERY	22,335	1,425	8,172	4,776	14,372	4,288	40,995	54%	35%	10%
	Total	**2,586,244**	**72,108**	**667,505**	**348,961**	**1,088,574**	**463,582**	**4,138,400**	**62%**	**26%**	**12%**
Colleges	BAKER COLLEGE	53,870	859	17,388	13,391	31,639	19,572	105,081	51%	30%	19%
	BAKER COLLEGE MASTERS HOUSE	3,713				0	484	4,196	88%	0%	12%
	BROWN COLLEGE	54,161	1,010	18,252	4,170	23,432	15,475	93,068	58%	25%	17%
	BROWN COLLEGE MASTERS HOUSE	4,050				0	538	4,588	88%	0%	12%
	BURTON & DEEDEE MCMURTRY COLLE..	64,996	838	40,520	4,510	45,868	19,354	130,217	50%	35%	15%
	DUNCAN COLLEGE	64,650	516	39,085	5,291	44,892	20,686	130,228	50%	34%	16%
	DUNCAN COLLEGE MASTERS HOUSE	4,246				0	693	4,939	86%	0%	14%
	EDGAR ODELL LOVETT COLLEGE	56,253	414	25,601	8,764	34,780	12,037	103,069	55%	34%	12%

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Colleges	HANSZEN COLLEGE	53,623	912	11,787	9,906	22,604	13,143	89,371	60%	25%	15%
	HANSZEN COLLEGE MASTERS HOUSE	4,074			25	25	512	4,611	88%	1%	11%
	JONES COLLEGE - COMMONS	14,267	427	6,452	504	7,383	5,747	27,397	52%	27%	21%
	JONES COLLEGE - NORTH	19,319	1,471	10,015	1,718	13,204	3,900	36,423	53%	36%	11%
	JONES COLLEGE - SOUTH	20,382	1,243	9,546	1,635	12,424	3,754	36,560	56%	34%	10%
	JONES COLLEGE MASTERS HOUSE	3,868			19	19	585	4,471	86%	0%	13%
	MARTEL COLLEGE	56,995	1,216	28,183	3,742	33,142	20,250	110,387	52%	30%	18%
	MARTEL COLLEGE MASTERS HOUSE	3,985			19	19	609	4,613	86%	0%	13%
	MCMURTRY COLLEGE MASTERS HOUSE	3,492				0	572	4,063	86%	0%	14%
	SID W. RICHARDSON COLLEGE	57,118	1,734	11,625	4,337	17,695	14,482	89,295	64%	20%	16%
	WIESS COLLEGE	54,665	670	22,940	4,326	27,937	14,964	97,566	56%	29%	15%
	WILL RICE COLLEGE	47,274	1,615	15,352	5,339	22,305	16,834	86,413	55%	26%	19%
	WILL RICE COLLEGE MASTERS HOUSE	4,023				0	657	4,679	86%	0%	14%
	WILSON HOUSE (WIESS MASTERS HOU..	3,647				0	446	4,093	89%	0%	11%
	Total	**652,671**	**12,924**	**256,747**	**67,697**	**337,367**	**185,293**	**1,175,331**	**68%**	**18%**	**14%**
Off-Campus	GREENBRIAR BUILDING	16,167	629	5,042	864	6,534	2,993	25,695	63%	25%	12%
	IBC BUILDING - 5615 KIRBY DRIVE	18,410				0	1,380	19,790	93%	0%	7%
	LIBRARY SERVICE CENTER	23,634	170	636	1,323	2,130	1,855	27,619	86%	8%	7%
	PRIMARY DATA CENTER	19,376	370	4,294	244	4,908	1,525	25,809	75%	19%	6%
	RICE CHILDRENS CAMPUS	8,559			194	194	937	9,690	88%	2%	10%
	RICE GRADUATE APARTMENTS	81,013	1,387	23,269	1,083	25,739	11,465	118,216	69%	22%	10%
	RICE VILLAGE APARTMENTS	85,289	433	16,672	427	17,532	14,177	116,997	73%	15%	12%
	WIESS PRESIDENT'S HOUSE	11,837			118	118	4,605	16,560	71%	1%	28%
	Total	**264,284**	**2,989**	**49,913**	**4,253**	**57,155**	**38,938**	**360,377**	**77%**	**11%**	**11%**
Grand Total		**3,899,572**	**105,193**	**1,011,978**	**445,106**	**1,562,277**	**750,388**	**6,212,236**	**65%**	**22%**	**13%**

Building Assignable Area (SF), Building Service Area (SF), Circulation Area (SF), Mechanical Area (SF), Tota Non-Assignable Area (SF), Structural Area (SF), Building Gross Area (SF), % Assignable Area, % Non-Assignable Area and % Structural Area broken down by Rice University Buildings and Fep Building Desc. The data is filtered on Fep Room Status, which keeps OPEN. The view is filtered on Fep Building Desc, which keeps 86 of 86 members.

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