

2023 FACILITIES INVENTORY AND SPACE UTILIZATION STUDY

for

The University of North Carolina System



Fifty-Seventh Edition

**Roper Hall
University of North Carolina at Chapel Hill**

April 2025



Roper Hall

University of North Carolina at Chapel Hill

Medical students at UNC-Chapel Hill are now training in a magnificent modern space, the 172,000-square-foot Roper Hall, constructed with \$68 million from the Connect NC Bond and supplemented with private giving. The nine-story building includes six floors of academic space and replaces Berryhill Hall, built more than half a century ago.

Incorporating technology and designed for team-based learning, Roper Hall has what it takes to train the next generation of physicians. The energy-efficient facility is adaptable to different methods of education, whether lectures, seminars, collaborative working groups or independent study. It features a 240-seat active learning space, flexible labs, seminar rooms, simulation labs, a student lounge and wellness center. The Active Learning Theater was recently the site of the annual Match Day ceremony, a joyous occasion when students learn of their future residency programs.

The UNC School of Medicine named the facility in honor of Dr. Bill Roper, former medical school dean, CEO of UNC Health, and interim president of the UNC System. Dr. Roper was on hand for the celebration of the building's opening in September of 2023.

The University of North Carolina

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University of North Carolina System Space Utilization Analysis

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AutoCAD Tech

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Participating Institutions

UNIVERSITY OF NORTH CAROLINA SYSTEM

By Carnegie Classification <https://carnegieclassifications.iu.edu/>

Doctoral Universities: Very High Research Activity

	<u>Chancellor</u>	<u>Project Officer</u>
NC State University	Kevin Howell	Sally Rau, Facilities, Information Manager
UNC-Chapel Hill	Lee H. Roberts	Suzanne Canipe, Space Information Analyst

Doctoral Universities: High Research Activity

East Carolina University	Philip Rogers	Kim Higdon, Space Analyst
N.C. A & T State University	James Martin II	Staci A. Manter, Interim Director
UNC Charlotte	Sharon L. Gaber	Steve Coppola, Provost for Inst. Research
UNC Greensboro	Franklin D. Gilliam, Jr.	Steve Morley, Dir. Space Management
UNC Wilmington	Aswani Volety	Deloris Hansley, Space Data & Reporting Analyst

Doctoral/Professional Universities

Western Carolina University	Kelli R. Brown	Trista Middleton, Research Specialist
Winston-Salem State University	Bonita J. Brown	Timothy F. McMullen, AVC Facilities Mgmt.

Master's (Comprehensive) Universities and Colleges

Appalachian State University	Heather Norris	Heather Langdon, Executive Director
Fayetteville State University	Darrell T. Allison	Harold Miller, Director of Planning & Const.
North Carolina Central University	Karrie Dixon	Tim Williams, Design and Construction
UNC Pembroke	Robin G. Cummings	Frank Britt, Project Manager

Baccalaureate Colleges: Arts & Sciences Focus

UNC Asheville	Kimberly van Noort	Keith Krumpe, Senior Admin-Space Planner
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Baccalaureate Colleges: Diverse Fields

Elizabeth City State University	Catherine Edmonds, Interim	Dennis Leary, Director of Facilities Management
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Schools of Art, Music, and Design

UNC School of the Arts	Brian Cole	Elizabeth Davis, Dir. Acad. Planning & Inst. Res.
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Teaching Hospitals

	<u>Executive Director</u>	<u>Project Officer</u>
UNC Hospitals at Chapel Hill	Gary L. Park	Laura McClamb, Asset Manager

Foreword

This study, the 57th in the annual series of facilities inventory and utilization studies, reflects the campus-reported status of space in University of North Carolina System institutions of higher education at the end of the drop-add period of the 2023 fall term. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

The purposes of this study include providing facilities data to state authorities, making data on University of North Carolina System institution facilities available to other commissions for comparative purposes, and providing participating institutions with data, which may be helpful in the management of their facilities. This report presents selected summary information from the assembled data.

The participating institutions are listed in the preceding section and throughout the study according to current Carnegie Classification. In 2021, Western Carolina University and Winston-Salem State University were re-classified from Master's to Doctoral/Professional. The project officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The 2023 Facilities Inventory and Utilization Study is being published in its entirety, online, in a format that can be printed front and back. The 2023 study can be found at <https://www.northcarolina.edu/impact/stats-data-reports/facilities-utilization/>

Katherine Lynn

Vice President for Finance and Capital Planning

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Introduction

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators within the University of North Carolina System with a detailed statistical profile of the facilities of their own campuses and of the other universities in the system as a tool for space management and planning. It is published annually by the division of Finance and Administration.

Institutions Included

The study provides self-reported data for all the 16 public senior institutions, which comprise the University of North Carolina System, as well as UNC Hospitals at Chapel Hill, a part of the University of North Carolina System. The institutions are listed by Carnegie Classification in each table, and by type on page v along with the name of the chancellor and the project officer for each school. An alphabetical listing of these institutions can be found on page 107.

Due to the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Facilities Inventory and Utilization Study separately lists the data for North Carolina State University's College of Veterinary Medicine.

Types of Data Collected

The study is divided into sections that reflect the three broad categories of facilities data which are reported: room characteristics, building characteristics, and the utilization of instructional space. The section dealing with room characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The section on the utilization of instructional space provides ratios, percentages, and indices, which relate the amount of instructional activity at an institution to various categories of campus space.

This study is designed to provide only a self-reported "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings that were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not consider any instructional activity that occurred during the spring semester.

Procedures Used in Collecting Data

Finance and Administration maintains an annually updated, self-reported computer-based facilities inventory of each institution included in the study comprised of a Room Characteristic Report and a Building Characteristic Report. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs that it supports. The Building Characteristic Report provides detailed information about each building on an institution's campus.

Each fall, every institution submits a file containing changes in its facilities inventory occurring since the previous fall via a web-based system named DAVE (Data Additions Validations Edits). This reporting system is based on the physical inventory of each campus that has been made interactive on the web.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses indicating when and where the class is held, and the number of students enrolled. Each institution's course data are compared programmatically to its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space.

Both the facilities inventory updates and the utilization data are reviewed carefully, including using extensive computer edits as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections. The ultimate responsibility for the accuracy of the data, of course, lies with the individual institutions as they originate the data on which this study is based.

Limitations and Special Situations

This study contains useful information concerning the facilities of institutions in the UNC system and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For the purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Due to technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, UNC Hospitals at Chapel Hill, or the North Carolina State University College of Veterinary Medicine. Therefore, they are excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary College and the two Divisions of Health Affairs (although these data are excluded from all totals).

Special situations exist at several institutions that can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

University of North Carolina School of the Arts instructs secondary school students, as well as students at the college level. To reflect this fact, high school courses conducted at the campus were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for this institution. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the UNC School of the Arts. It should also be noted that the programs conducted at the UNC School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina System. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

NC State University and North Carolina A&T State University similarly show an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to the extensive instruction and research programs in Agriculture and Engineering, which require significantly more academic space per FTE student than is typical of other general academic programs.

Executive Summary

The primary purpose of the annual Facilities Inventory and Space Utilization Study (study) is to offer higher education administrators within the University of North Carolina System a detailed statistical profile of the facilities of their own campuses and of the other universities in the system as a tool for space management and planning. The study evaluates self-reported data for UNC System institutions with the data carefully reviewed, including extensive use of computer edits as a means of ensuring accuracy and consistency. The ultimate responsibility for the precision of the data, of course, lies with the individual institutions as the source on which this study is based. While each institution has a vested interest in its own space picture, a systemwide overview of key elements of the study provides useful context on the facilities in the UNC System.

**In 2023, the UNC System had
approximately 93.9M gross square feet of space
and 2,965 Buildings
including all 16 campuses and excluding UNC Hospitals.**

This study typically looks at the UNC System facilities with a focus on three key areas: **utilization of instructional space, room space characteristics, and building characteristics.**

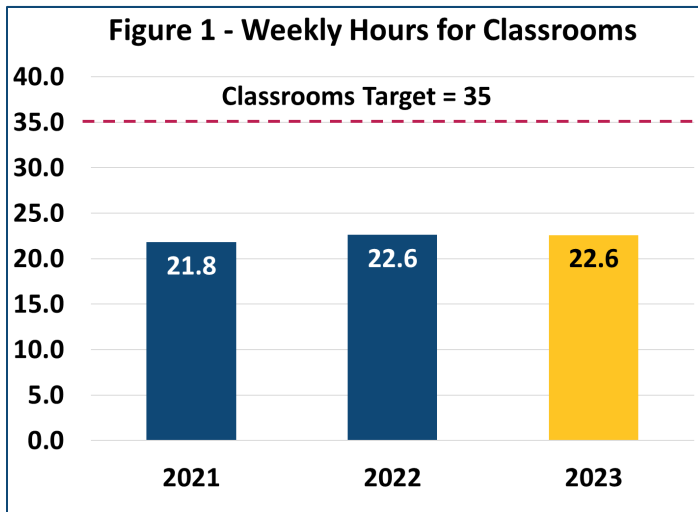
Utilization of Instructional Space

The study looks at several areas to gauge the capacity and utilization of space. This includes two primary measures: the weekly room utilization and the seat fill. The weekly room utilization indicates how often the room is utilized for scheduled classes. The UNC System has set a utilization standard target that each available classroom be scheduled for 35 hours of class instruction per week based on day and evening scheduling, Monday – Friday between 5 a.m. and 11 p.m. Daytime utilization is based on all class times between and including 5 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The average weekly room hours of instruction is calculated by dividing the total room hours of instruction by the total number of rooms. This data is taken from Tables 3 and 4 found on pages 10 and 12 of the study.

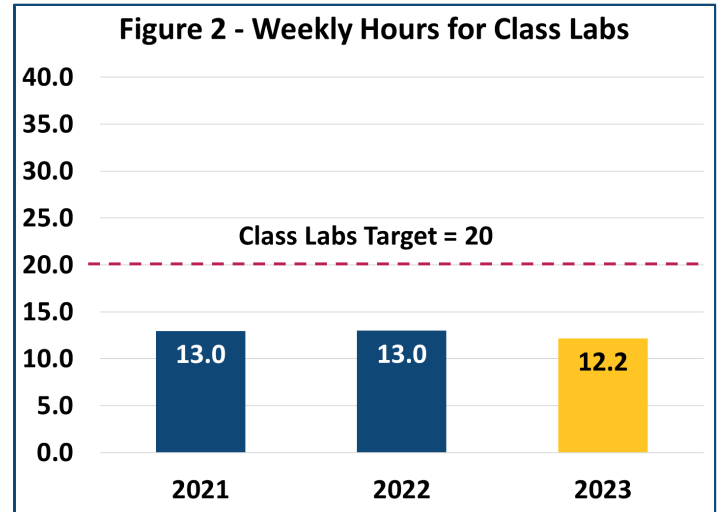
**The UNC System standard for classrooms is
35 hours per week of scheduled class instruction.**

**The UNC System standard for class labs is
20 hours per week of scheduled class instruction.**

Figures 1 and 2 show the average weekly hours of instruction for classrooms and class labs in 2023.

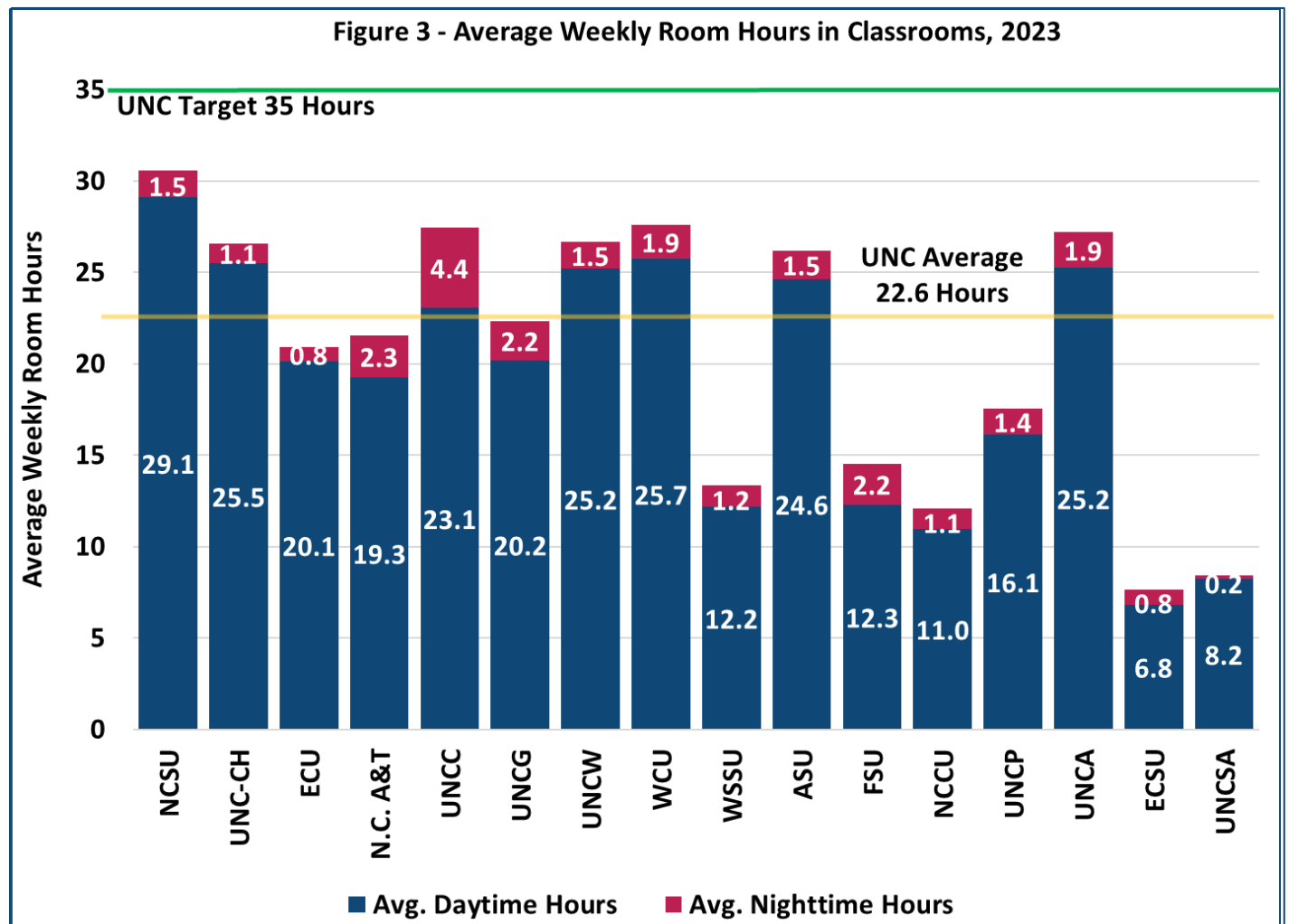


Source: Table 3



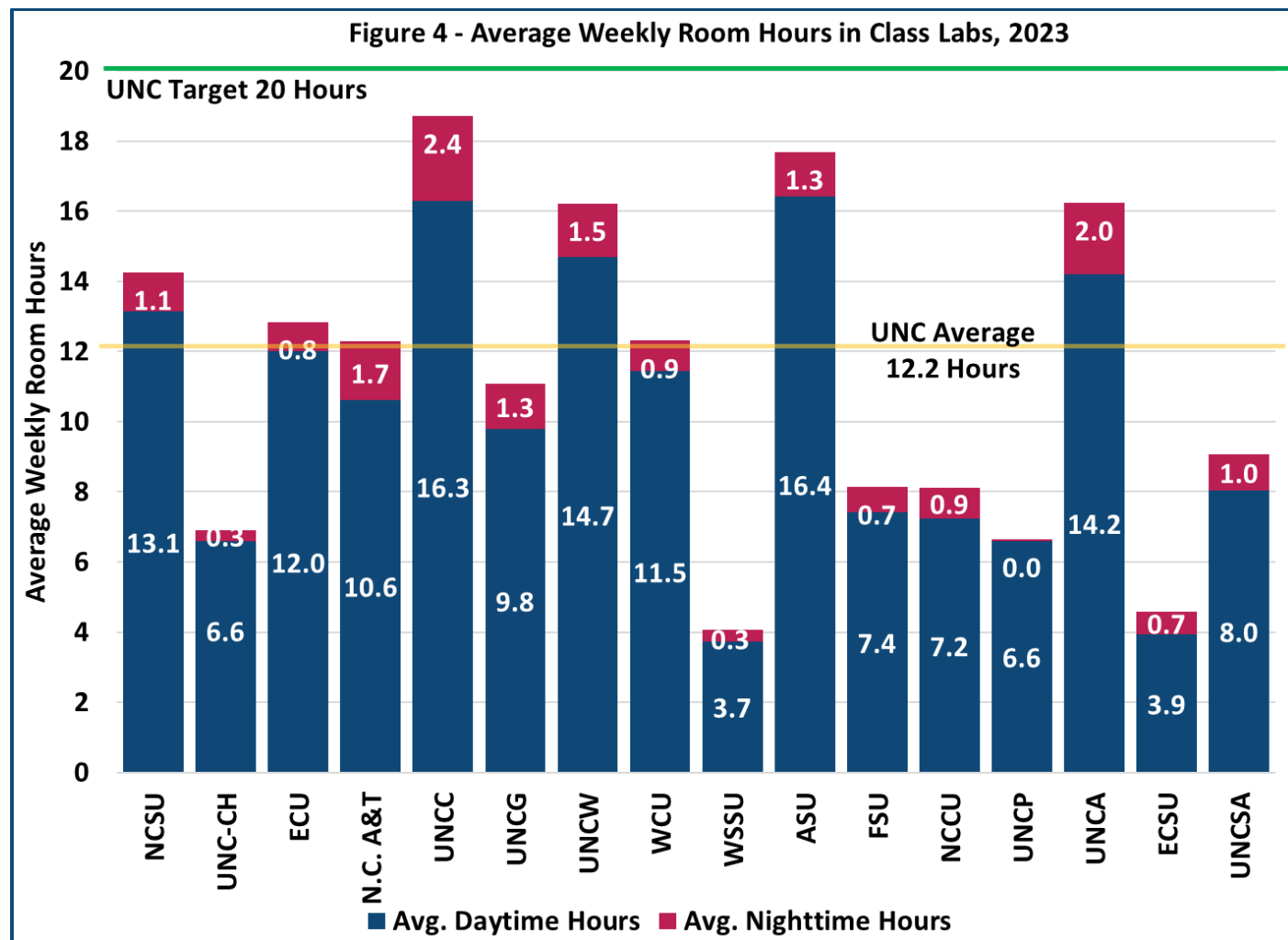
Source: Table 4

Figure 3 includes a breakdown of average weekly hours for classrooms by institution, and includes additional details on daytime and nighttime room hours.



Source: Table 3

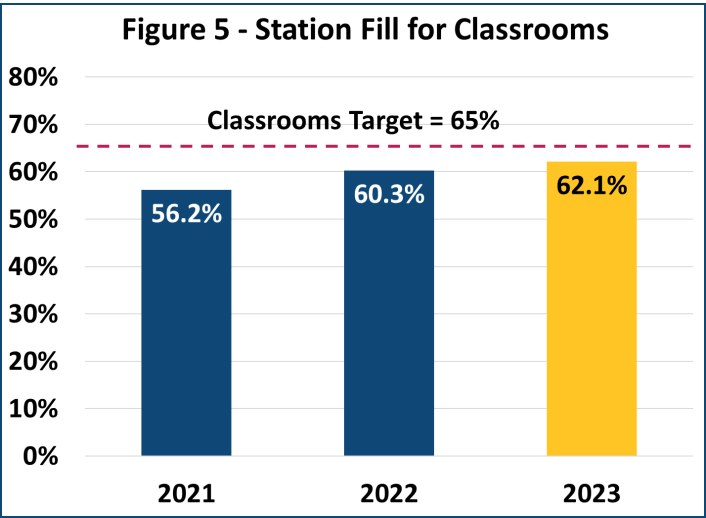
Figure 4 includes a breakdown of average weekly hours for class labs by institution and includes additional details on daytime and nighttime room hours.



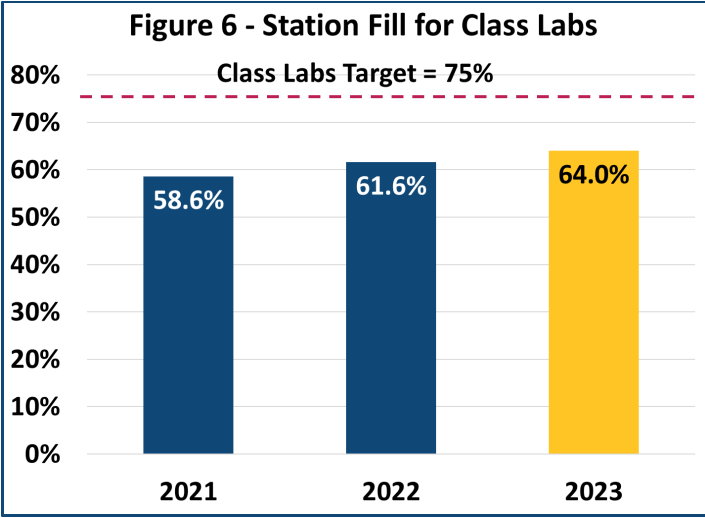
Source: Table 4

Average weekly use of student stations is used to indicate the average number of hours each week a student station is used by room. **A student station is defined as a seat in the room.** Average weekly use of student stations is calculated by dividing the total number of student clock hours generated in the room by the total number of student stations in the room. The UNC System standard target for average weekly use of student stations for classrooms is 65 percent. The UNC System standard for class laboratories is 75 percent. For additional information on Student Clock Hours, see page 4 of the study.

Figures 5 and 6 indicate the average student station utilization systemwide for classrooms and class labs. In 2023, the average weekly use of student stations in classrooms was 62.1 percent and for class labs was 64.0 percent. This indicates a slight decrease from 2019 of -3.6 percent for classrooms and -4.0 percent for class labs.

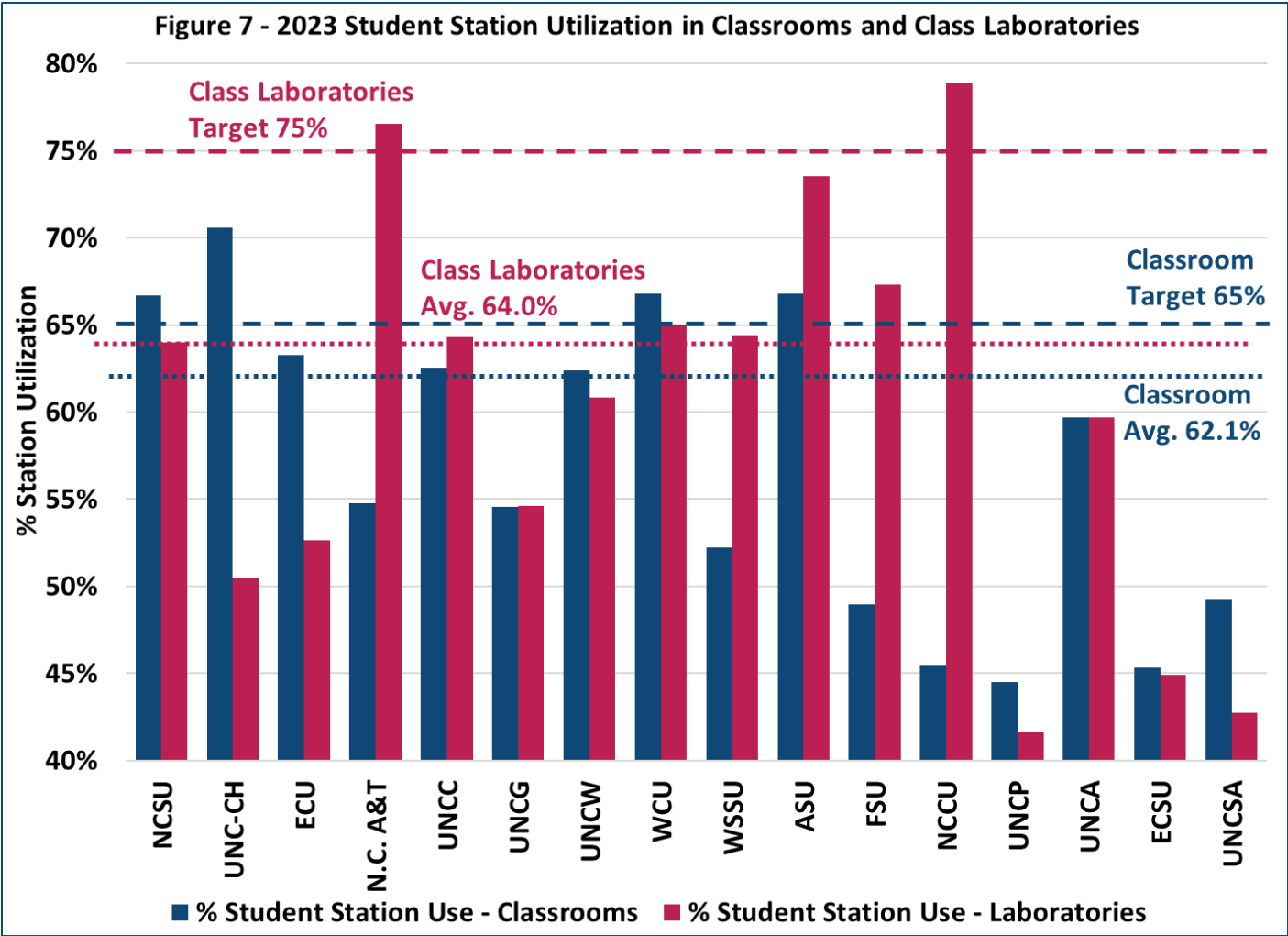


Source: Table 7



Source: Table 7

Figure 7 displays use of student stations data by institution for classrooms and class labs. Further details on the utilization of instructional space are available on pages 3-35 of the study.



Source: Table 7

Room Space Characteristics

The study includes information on the assignment and use of each room on every campus. Of the 93.9 million gross square feet in the UNC System, excluding UNC Hospitals, 51.1 million square feet is considered assignable space. Assignable space is defined as space that is assigned to, or available for assignment to, an occupant or specific use. Assignable space excludes building service areas, circulation, mechanical, and structural areas. From 2019 to 2023, the assignable space has increased by 2,179,796 SF or 4.5 percent.

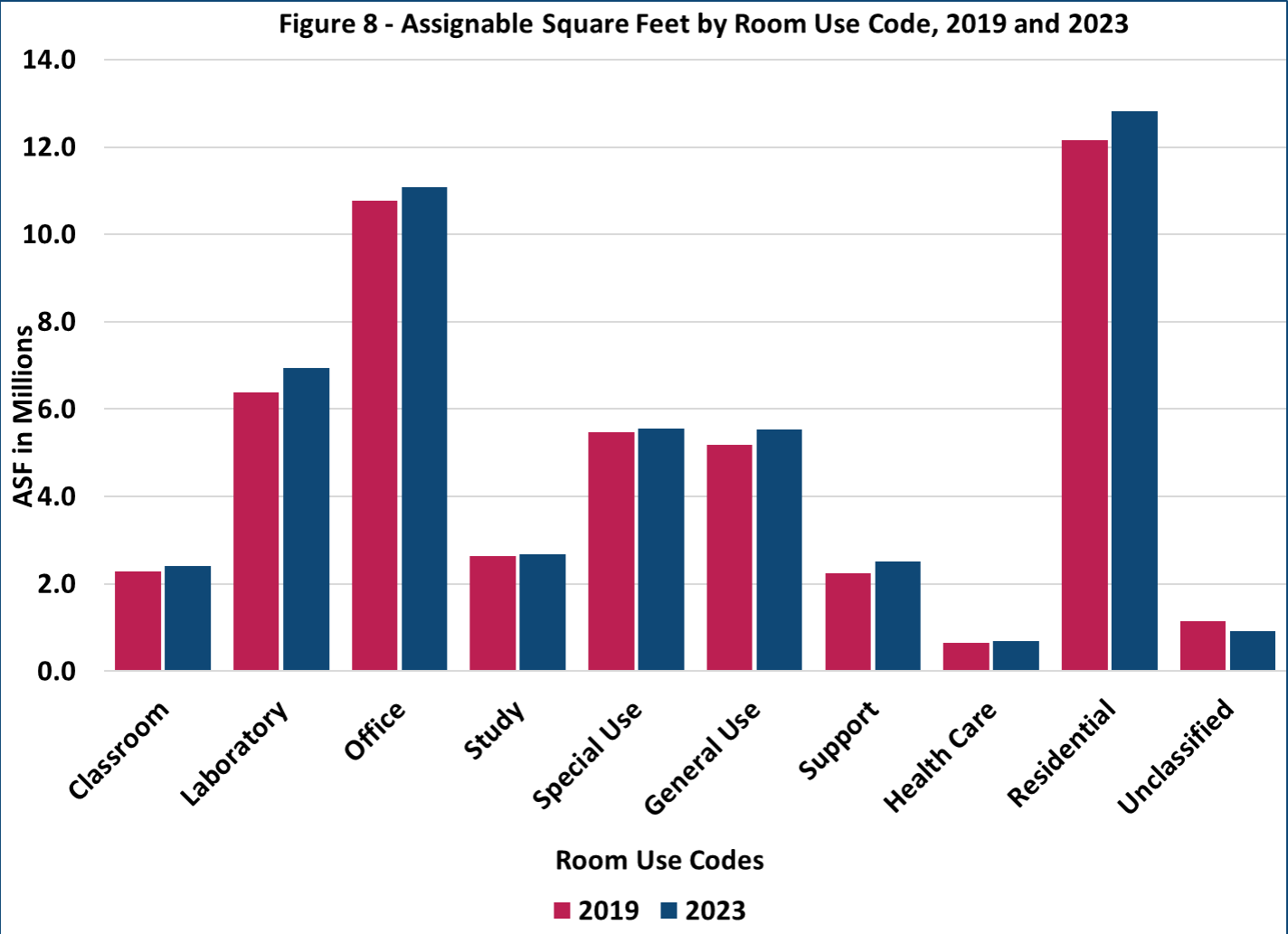
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	12,416,108	24.30%	23.71%	0.59%
Research	6,014,425	11.77%	11.86%	-0.09%
Public Service	1,856,498	3.63%	3.44%	0.19%
Student Service	20,976,463	41.05%	40.80%	0.25%
Other	9,831,756	19.24%	20.18%	-0.94%

Assignable space is categorized by program use category, utilizing the Program Classification Structure developed by the National Center for Higher Education Management System. The classification system includes 10 program areas, but the majority of space falls into four program areas: instruction, research, student services, and public service. These four program areas account for nearly 80 percent of all the assignable space. Instruction and research saw moderate increases in assignable square footage over the period: Instruction, 816,996 SF or 7.0 percent; Research, 210,985 or 3.6 percent. Public service assignable square footage, which includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem, increased 173,994 SF or 10.3 percent. The assignable square footage for student services, which includes areas that support students' physical, emotional, and intellectual development in facilities such as student centers and wellness facilities outside of formal, scheduled instruction, increased 1,017,279 SF, or 5.1 percent from 2019. Assignable square footage for independent operations, which includes institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, increased 39,924 SF, or 7.6 percent.

Every room on every campus is also assigned a Room Use Code as defined by the *Higher Education Facilities Inventory and Utilization Manual* (7th edition). A detailed list of room use codes is on pages 61-62.

The single largest category of assignable space is for residential facilities, with 12.8M SF, or 25 percent of all space, assigned to this room use code. This represents an increase of 660,919 SF, or 5.4 percent, since 2019. Office space is the second largest room use category at 11.1M SF, or 21 percent of all assignable space. Office space has increased by 297,545 SF, or 2.8 percent since 2019. Together, these two categories account for nearly 50 percent of the assignable space. Since 2019 assignable space increased in Laboratory space by 562,333 SF, or 8.8 percent; General Use space by 342,500 SF, or 6.6 percent; Support Facilities by 274,822 SF, or 12.2 percent; Classrooms by 116,664 SF, or 5.1 percent; and Health Care Facilities by 50,804 SF, or 7.9 percent. All other areas have seen negligible increase in assignable space and proportionally remain the same. For additional details on specific program and subprogram uses and specific details for each campus, see pages 38-66 and 90-106 in the study.

Figure 8 shows the classification of assignable space and five-year change by room use code.



Source: Table 15

Building Characteristics

Excluding UNC Hospitals, the UNC System has 93.9 million gross square feet of space comprised of 2,965 buildings and a total estimated replacement value of more than \$37.2B. The building characteristics primarily focus on the physical attributes of the building including ownership, building use, fund type, age, and building condition. The chart below shows the general characteristics of all buildings in the UNC System.

UNC System Building Characteristics	
2,965 Total Buildings	
2,471 Owned	
1,896 Appropriated	138 Leased
1,069 Non-Appropriated	356 Other Agreement
2,965 Total	2,965 Total

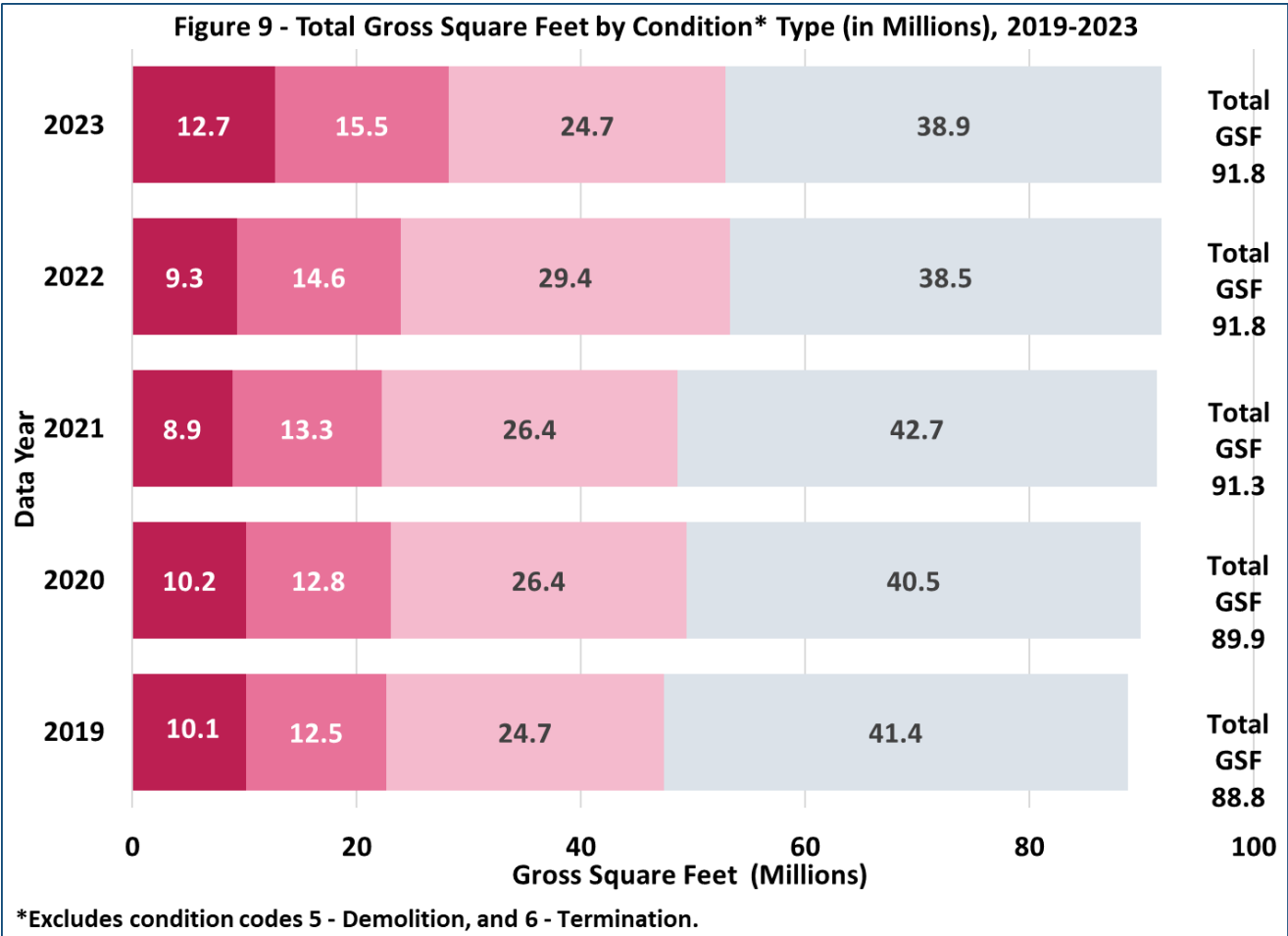
One important building characteristic is building condition. This indicates the extent to which existing facilities are in sound operating order, functioning as originally intended. Building condition categories are listed in the chart on the next page.

Buildings which are in Condition 3 or 4 are generally older and require major renovation to repair or replace building systems that are reaching end-of-life or are obsolete. These condition categories do not incorporate costs associated with modifying facilities to meet current program needs, which change over time. Funding for repairs and renovations permits the useful life of these facilities to be extended and preserves the value of significant assets.

Condition 5 designates facilities that have been identified for demolition, typically because they are unsafe or unsound, while Condition 6 indicates facilities that are no longer in use for reasons other than condition.

<div></div> Condition Code 1 - Satisfactory - Suitable for continued use with normal maintenance	<div></div> Condition Code 4 - Remodeling C - More than 50% of the estimated replacement cost of the building
<div></div> Condition Code 2 - Remodeling A - Less than 25% of the estimated replacement cost of the building	<div></div> Condition Code 5 - Demolition - Identified for demolition, typically because they are unsafe or unsound
<div></div> Condition Code 3 - Remodeling B - Between 25% and 50% of the estimated replacement cost of the building	<div></div> Condition Code 6 - Termination - No longer in use for reasons other than condition

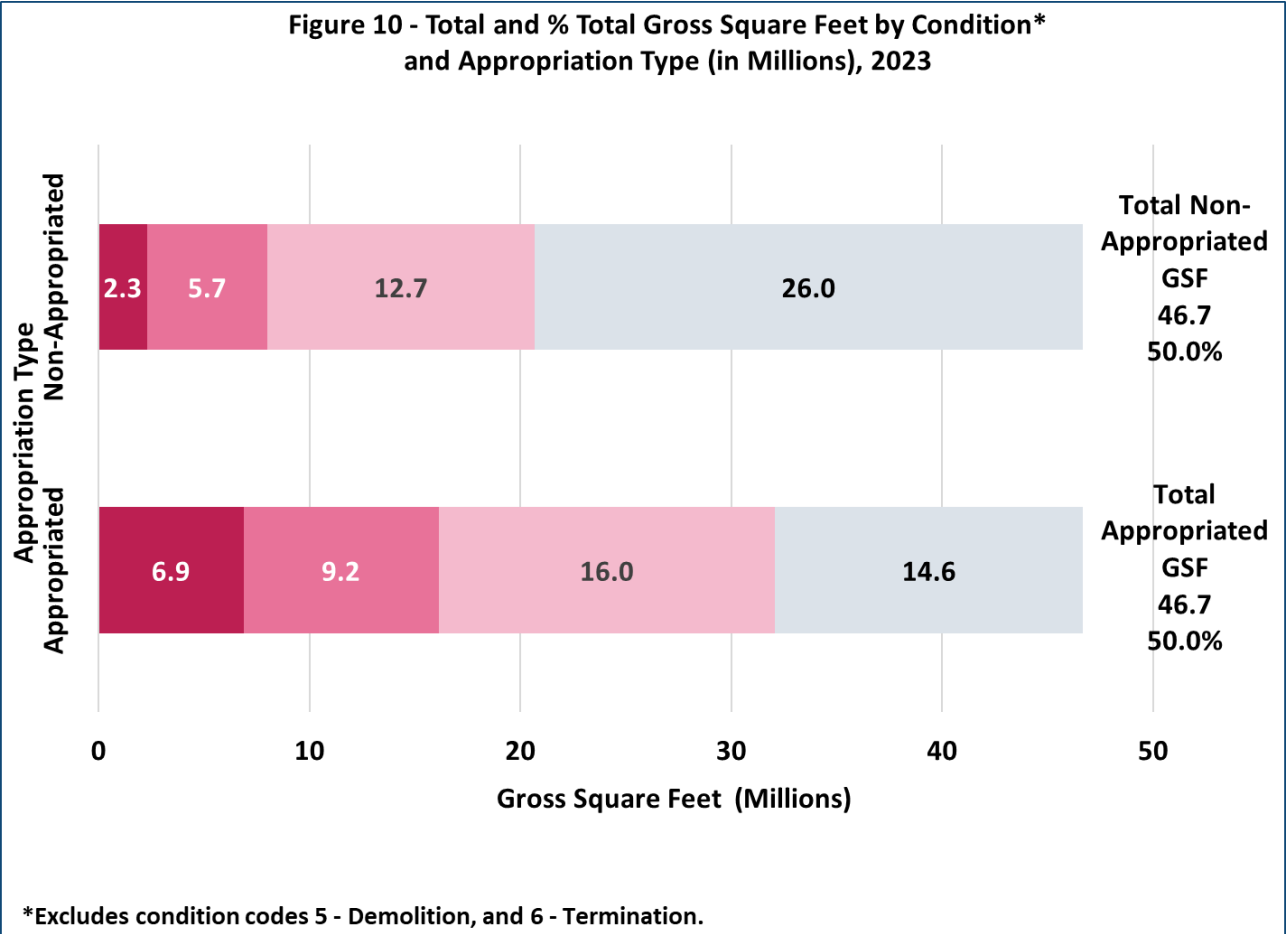
Figure 9 illustrates the GSF and condition type from 2019 to 2023. The GSF in Conditions 3 and 4 has increased by 2,571,949 and 2,998,223, or 25.4 percent and 23.9 percent respectively since 2019, accounting for more than 30 percent of the 2023 GSF.



Source: Table 22

Deferred maintenance will continue to increase exponentially if deteriorating building conditions are not addressed in a timely manner. **Building Condition Codes 5 (Demolition) and 6 (Termination) are excluded from the figures.**

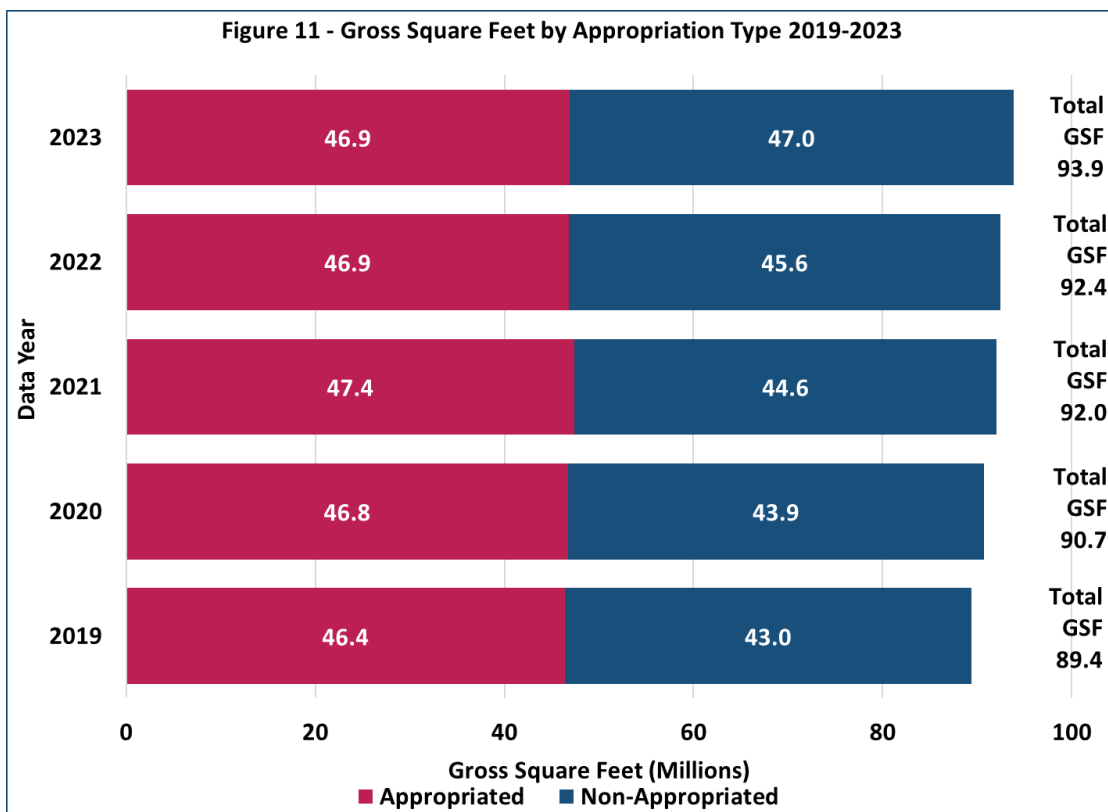
Figure 10 illustrates the GSF by funding type. While state funding can be allocated to address repairs and renovations in appropriated buildings, other sources of funding, including donations, trust funds, or self-liquidating debt, must be identified for non-appropriated buildings. Adequate capital funding to address chronic deferred maintenance continues to be the primary challenge for all campuses.



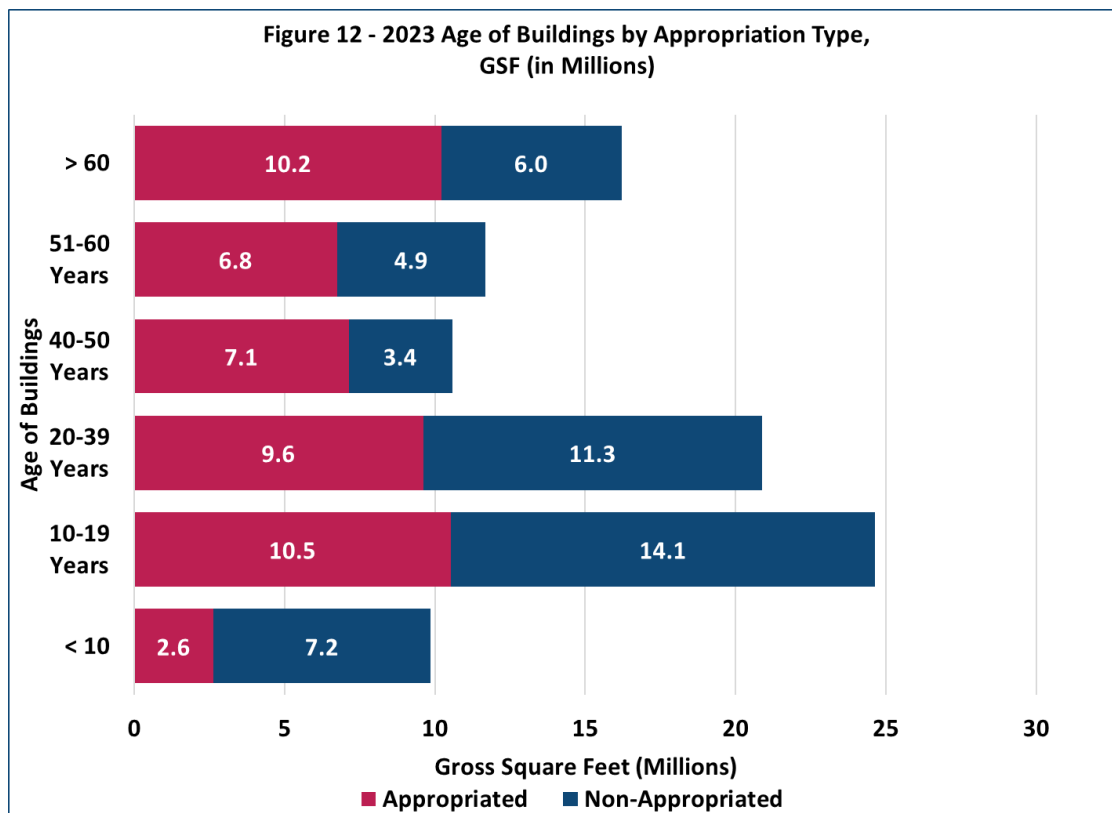
Source: Table 22 (GSF Only)

Another primary building characteristic is the age of buildings. As buildings age, the building systems wear out, reach the end of their useful life, or become harder to repair and maintain due to obsolescence. Failure to plan for timely replacement of systems often leads to building system failures and costly emergency repairs.

Figure 11 provides a five-year review of gross square feet by appropriation type and **Figure 12** demonstrates the age of buildings by appropriation type.



Source: Table 22 (GSF Only)



Source: Table 22 (GSF Only)

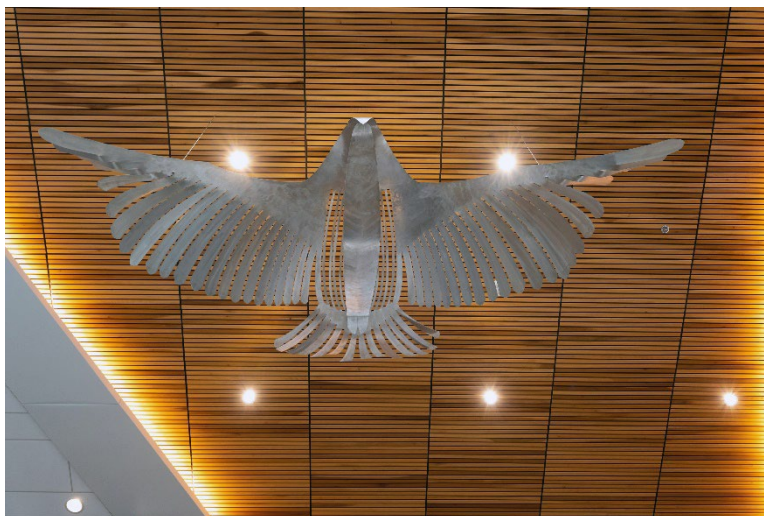
Further details regarding building characteristics, including a breakdown by campus, are on pages 70-87 in the study.



The Student Center

North Carolina Central University

The Eagles have a new place to land – a spacious student center that was years in the planning. The 100,000-square-foot center at North Carolina Central University replaced an outdated and cramped student union. The student body now has a large multi-use space for gatherings and conferences, student organization spaces, retail food service, offices, a game room, and sunny study spaces. The inviting building features large glass paneled windows and provides an attractive gateway to the Durham campus. Now a point of Eagle Pride, the student center opened in 2022.



Photos: Jim Sink Photography, Raleigh NC

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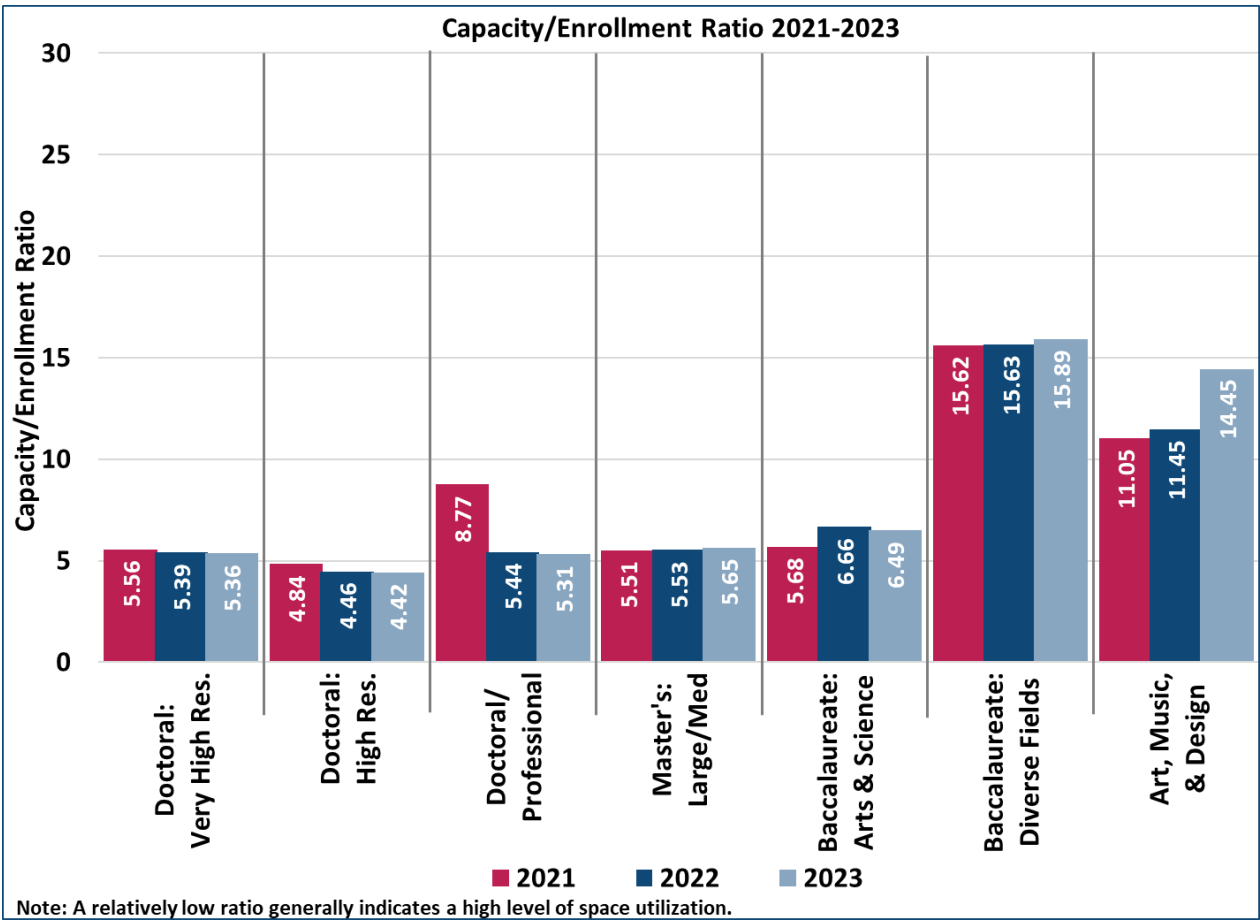
Table 1: Capacity/Enrollment Ratio

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most used indices of instructional utilization of institutional facilities.

CAPACITY/ENROLLMENT RATIO =

INSTRUCTIONAL & LIBRARY SPACE

TOTAL WEEKLY STUDENT CLOCK HOURS



In analyzing and comparing the capacity/enrollment ratios it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 39-40, 43-44, 47, 49, and 53) and room use codes (pages 61-62). It is the sum of the areas of all rooms that carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01.

<u>Room Use Codes</u>	
110 Classroom	410 Study Room
115 Classroom Service	420 Stack
	430 Open-Stack Study Room
210 Class Laboratory	440 Processing Room
215 Class Laboratory Service	455 Study Service
220 Open Laboratory	510 Armory
225 Open Lab Service	515 Armory Service
310 Office	520 Athletic or Physical Ed.
315 Office Service	525 Athletic or Physical Ed. Svc.

Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for an institution's total number of students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour) and multiplying that product by the number of students.

Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

Table 1. Capacity/Enrollment Ratio

	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
Institution			2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity							
NC State	1,745,075	396,085.5	4.41	4.41	4.48	13.65	4.10
UNC-Chapel Hill	2,032,289	308,993.0	6.58	6.63	6.91	1212.50	6.10
Subtotal	3,777,364	705,078.5					
Subtotal Ratio			5.36	5.39	5.56	29.12	4.96
Doctoral Universities: High Research Activity							
East Carolina	1,070,667	193,344.0	5.54	5.26	5.07	7.85	3.83
N.C. A&T	679,044	142,673.0	4.76	4.85	4.81	15.03	4.51
UNC Charlotte	1,056,345	306,392.5	3.45	3.73	4.38	14.56	2.97
UNC Greensboro	796,236	138,848.5	5.73	5.56	6.49	11.53	3.74
UNC Wilmington	576,380	164,508.5	3.50	3.46	3.96	24.18	3.08
Subtotal	4,178,672	945,766.5					
Subtotal Ratio			4.42	4.46	4.84	12.18	3.53
Doctoral/Professional Universities							
Western Carolina	585,855	120,181.0	4.87	4.80	6.61	16.61	3.66
Winston-Salem	334,111	42,756.0	7.81	7.05	20.25	17.09	4.82
Subtotal	919,966	162,937.0					
Subtotal Ratio			5.65	5.44	8.77	16.79	3.98
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	949,706	248,616.0	3.82	3.98	3.96	30.42	3.25
Fayetteville	319,533	32,600.5	9.80	8.89	11.00	10.65	5.96
NCCU	555,570	64,323.0	8.64	8.57	8.05	15.70	6.60
UNC Pembroke	275,456	42,604.0	6.47	7.33	6.39	10.01	4.78
Subtotal	2,100,265	388,143.5					
Subtotal Ratio			5.41	5.53	5.51	16.52	4.33
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	248,840	38,329.0	6.49	6.66	5.68	11.87	4.99
Subtotal	248,840	38,329.0					
Subtotal Ratio			6.49	6.66	5.68	11.87	4.99
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	282,612	17,787.5	15.89	15.63	15.62	23.83	12.95
Subtotal	282,612	17,787.5					
Subtotal Ratio			15.89	15.63	15.62	23.83	12.95
Schools of Art, Music, & Design							
UNC School of the Arts	353,755	24,480.5	14.45	11.45	11.05	-	9.94
Subtotal	353,755	24,480.5					
Subtotal Ratio			14.45	11.45	11.05	-	9.94
Grand Total	11,861,474	2,282,522.5					
Grand Total Ratio			5.20	5.22	5.59	16.68	4.27

Table 2: Square Feet of Academic Facilities Per FTE Student

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs, which provided normative figures by level and control of institution. The figures are summarized below:

SF of Academic Facilities per FTE Student Norms		
Institutional Level	Public	Private
University	132	150
Four-year	93	103

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 4). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 39-40, 43-44, 47, 49, and 53) and room use codes (pages 61-62). The term refers to an institution's total assignable area (page 38) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), 770 (Hazardous Waste Storage), or 775 (Hazardous Waste Service). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facility), 635 (Food Facility Service), 660 (Merchandising), 665 (Merchandising Service), 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials Storage), 770 (Hazardous Waste Storage), 775 (Hazardous Waste Service) all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 33.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

SQUARE FEET OF ACADEMIC FACILITIES

FTE ENROLLMENT

Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity							
NC State	6,029,007	33,309	181	182	185	189	185
NC State Veterinary Med	452,761	422	1,073	1,127	1,130	1,133	1,132
UNC-Chapel Hill	3,950,281	24,658	160	164	163	169	164
UNC-Chapel Hill Hlth Aff.	2,483,215	5,181	479	462	476	514	535
Subtotal	9,979,288	57,968					
Subtotal Ratio			172	174	175	181	176
Doctoral Universities: High Research Activity							
East Carolina	1,792,945	20,745	86	84	78	75	76
East Carolina Hlth Aff.	1,162,353	2,671	435	427	418	389	393
N.C. A&T	1,548,338	12,966	119	119	121	130	132
UNC Charlotte	1,992,552	27,533	72	76	73	70	72
UNC Greensboro	1,582,142	15,838	100	99	93	84	81
UNC Wilmington	1,149,448	16,118	71	71	71	73	64
Subtotal	8,065,425	93,201					
Subtotal Ratio			87	87	83	82	81
Doctoral/Professional Universities							
Western Carolina	1,201,893	10,499	114	89	85	77	76
Winston-Salem	563,910	4,488	126	121	117	118	110
Subtotal	1,765,803	14,987					
Subtotal Ratio			118	99	95	89	87
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	1,518,272	20,310	75	75	68	68	71
Fayetteville	472,479	5,871	80	83	84	83	84
NCCU	840,841	7,236	116	117	110	109	110
UNC Pembroke	523,837	6,359	82	84	77	76	77
Subtotal	3,355,429	39,777					
Subtotal Ratio			84	85	79	80	81
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	418,569	2,744	153	155	129	129	125
Subtotal	418,569	2,744					
Subtotal Ratio			153	155	129	129	125
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	417,317	1,929	216	215	231	237	260
Subtotal	417,317	1,929					
Subtotal Ratio			216	215	231	237	260
Schools of Art, Music, & Design							
UNC School of the Arts	626,487	1,070	586	519	510	520	498
Subtotal	626,487	1,070					
Subtotal Ratio			586	519	510	520	498
Grand Total	24,628,318	211,676.2					
Grand Total Ratio			116	115	112	112	110

Table 3: Average Weekly Room Hours of Instruction in Classrooms

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week. Weekly room hours of instruction is also referred to as the **Room Utilization Rate (RUR)**.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS

TOTAL NUMBER OF CLASSROOMS

The total room hours of instruction in classrooms is the number of hours each week that a classroom is used for regularly scheduled classes. Thus, a classroom that is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility that could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment that ties it to a particular subject matter, then the room is a class laboratory, and its use would not be considered in this table.

Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. **The University of North Carolina target standard is 35 hours of instruction in classrooms per week**, but institutions in North Carolina and in many other states average significantly fewer hours.

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity								
NC State	7,153.0	29.1	1.5	30.6	30.6	30.1	11.0	31.8
UNC-Chapel Hill	7,706.0	25.5	1.1	26.6	27.1	26.3	0.3	27.3
Subtotal	14,859.0							
Subtotal Average		27.1	1.2	28.4	28.7	28.0	5.2	29.0
Doctoral Universities: High Research Activity								
East Carolina	3,743.0	20.1	0.8	20.9	22.2	22.4	13.4	27.1
N.C. A&T	3,360.5	19.3	2.3	21.5	22.1	24.0	9.7	27.9
UNC Charlotte	6,145.0	23.1	4.4	27.4	26.0	22.6	9.8	29.9
UNC Greensboro	3,396.5	20.2	2.2	22.3	25.5	22.9	16.2	32.2
UNC Wilmington	4,237.5	25.2	1.5	26.7	26.7	23.9	6.8	30.8
Subtotal	20,882.5							
Subtotal Average		21.7	2.3	24.0	24.6	23.1	10.9	29.1
Doctoral/Professional Universities								
Western Carolina	3,035.0	25.7	1.9	27.6	28.9	29.9	7.6	33.2
Winston-Salem	1,243.5	12.2	1.2	13.4	16.0	5.7	6.9	20.9
Subtotal	4,278.5							
Subtotal Average		19.5	1.6	21.1	22.9	18.7	7.3	28.0
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	5,865.5	24.6	1.5	26.2	20.8	23.1	4.5	28.8
Fayetteville	915.5	12.3	2.2	14.5	17.7	16.4	15.6	23.0
NCCU	2,030.0	11.0	1.1	12.1	13.7	13.0	5.9	14.8
UNC Pembroke	1,893.5	16.1	1.4	17.5	15.7	17.3	9.9	22.4
Subtotal	10,704.5							
Subtotal Average		17.5	1.5	19.0	17.6	18.4	7.4	22.8
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	1,386.5	25.2	1.9	27.2	27.7	27.3	11.2	27.4
Subtotal	1,386.5							
Subtotal Average		25.2	1.9	27.2	27.7	27.3	11.2	27.4
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	681.5	6.8	0.8	7.7	7.9	7.4	6.2	9.6
Subtotal	681.5							
Subtotal Average		6.8	0.8	7.7	7.9	7.4	6.2	9.6
Schools of Art, Music, & Design								
UNC School of the Arts	539.0	8.2	0.2	8.4	8.1	8.8	0.0	11.4
Subtotal	539.0							
Subtotal Average		8.2	0.2	8.4	8.2	8.8	0.0	11.4
Grand Total	53,331.5							
Grand Total Average		20.9	1.7	22.6	22.6	21.8	8.1	26.6

Table 4: Average Weekly Room Hours of Instruction in Class Laboratories

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week. Weekly room hours of instruction is also referred to as the **Room Utilization Rate (RUR)**.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

TOTAL NUMBER OF CLASS LABORATORIES

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 9.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes that have no special-purpose equipment (i.e., classrooms) and excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Since each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. **The University of North Carolina target standard for the average use of class laboratories is 20 hours per week.**

Table 4. Average Weekly Room Hours of Instruction in Class Laboratories

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity								
NC State	3,164.5	13.1	1.1	14.3	16.8	16.9	6.2	15.4
UNC-Chapel Hill	635.5	6.6	0.3	6.9	8.3	8.3	-	8.9
Subtotal	3,800.0							
Subtotal Average		11.2	0.9	12.1	14.1	14.1	4.4	13.3
Doctoral Universities: High Research Activity								
East Carolina	2,466.5	12.0	0.8	12.8	12.7	13.2	11.4	14.6
N.C. A&T	1,291.0	10.6	1.7	12.3	12.6	13.4	4.2	13.3
UNC Charlotte	2,339.5	16.3	2.4	18.7	17.0	14.3	7.2	18.7
UNC Greensboro	1,561.0	9.8	1.3	11.1	12.0	11.9	13.0	18.0
UNC Wilmington	1,719.5	14.7	1.5	16.2	18.1	17.3	3.5	19.5
Subtotal	9,377.5							
Subtotal Average		12.5	1.5	14.0	14.3	13.8	8.2	16.5
Doctoral/Professional Universities								
Western Carolina	1,452.5	11.5	0.9	12.3	13.7	14.7	9.4	18.1
Winston-Salem	321.5	3.7	0.3	4.1	3.8	2.1	2.7	9.6
Subtotal	1,774.0							
Subtotal Average		8.4	0.6	9.0	9.6	9.1	6.3	14.8
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	2,777.0	16.4	1.3	17.7	17.4	19.1	3.8	20.2
Fayetteville	496.5	7.4	0.7	8.1	12.5	10.4	10.9	14.4
NCCU	527.5	7.2	0.9	8.1	7.2	7.4	5.4	7.5
UNC Pembroke	385.0	6.6	0.0	6.6	7.8	9.5	9.6	14.0
Subtotal	4,186.0							
Subtotal Average		11.4	0.9	12.3	13.0	13.9	5.9	15.6
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	308.5	14.2	2.0	16.2	14.7	14.7	8.7	12.8
Subtotal	308.5							
Subtotal Average		14.2	2.0	16.2	14.7	14.7	8.7	12.8
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	303.0	3.9	0.7	4.6	4.0	4.8	4.1	5.9
Subtotal	303.0							
Subtotal Average		3.9	0.7	4.6	4.0	4.8	4.1	5.9
Schools of Art, Music, & Design								
UNC School of the Arts	661.5	8.0	1.0	9.1	13.0	13.2	-	13.2
Subtotal	661.5							
Subtotal Average		8.0	1.0	9.1	13.0	13.2	-	13.2
Grand Total	20,410.5							
Grand Total Average		11.1	1.1	12.2	13.0	13.0	6.2	14.8

Table 5: Average Weekly Use of Student Stations in Classrooms

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

TOTAL STUDENT CLOCK HOURS IN CLASSROOMS

TOTAL STUDENT STATIONS IN CLASSROOMS

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 9 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms.

A frequently cited norm is **22.75 hours per week**. This figure assumes that the average weekly use of classrooms is 35 hours (see Table 3) and that there is 65 percent utilization of student stations when classrooms are in use (Table 7).

Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity									
NC State	14,673	308,446.5	20.3	0.7	21.0	20.4	19.4	5.6	21.2
UNC-Chapel Hill	14,281	290,171.0	19.7	0.6	20.3	20.0	19.1	0.2	19.2
Subtotal	28,954	598,617.5							
Subtotal Average			20.0	0.7	20.7	20.2	19.3	3.9	20.0
Doctoral Universities: High Research Activity									
East Carolina	9,343	140,200.0	14.5	0.5	15.0	15.6	15.8	8.7	20.9
N.C. A&T	7,257	97,292.0	12.3	1.1	13.4	13.6	13.8	4.8	16.3
UNC Charlotte	13,030	250,754.0	16.5	2.7	19.2	17.7	15.4	4.9	21.7
UNC Greensboro	8,659	101,493.5	11.1	0.6	11.7	12.2	9.8	11.9	17.5
UNC Wilmington	7,177	124,802.0	16.7	0.7	17.4	16.8	15.0	5.5	21.8
Subtotal	45,466	714,541.5							
Subtotal Average			14.4	1.3	15.7	15.4	14.1	6.6	19.5
Doctoral/Professional Universities									
Western Carolina	4,514	85,081.5	17.9	1.0	18.8	18.9	12.1	7.4	23.7
Winston-Salem	4,002	32,049.5	7.5	0.6	8.0	9.0	2.8	3.3	12.7
Subtotal	8,516	117,131.0							
Subtotal Average			13.0	0.8	13.8	14.2	7.7	4.5	19.0
Master's Colleges & Universities: Larger/Medium Programs									
Appalachian	9,045	165,639.0	17.6	0.7	18.3	15.2	15.9	5.0	20.5
Fayetteville	2,525	19,178.5	6.9	0.7	7.6	8.7	7.6	7.8	13.9
NCCU	6,881	46,875.0	6.3	0.5	6.8	7.1	7.5	3.0	9.2
UNC Pembroke	4,215	35,534.0	8.0	0.4	8.4	7.3	8.9	5.0	13.6
Subtotal	22,666	267,226.5							
Subtotal Average			11.2	0.6	11.8	10.8	11.3	4.7	15.1
Baccalaureate Colleges: Arts & Sciences Focus									
UNC Asheville	1,632	26,007.5	14.9	1.0	15.9	17.8	19.4	11.3	17.5
Subtotal	1,632	26,007.5							
Subtotal Average			14.9	1.0	15.9	17.8	19.4	11.3	17.5
Baccalaureate Colleges: Diverse Fields									
Elizabeth City	3,349	13,722.5	3.7	0.4	4.1	4.0	3.9	2.8	5.2
Subtotal	3,349	13,722.5							
Subtotal Average			3.7	0.4	4.1	4.0	3.9	2.8	5.2
Schools of Art, Music, & Design									
UNC School of the Arts	1,579	7,031.5	4.3	0.1	4.5	4.0	4.7	0.0	6.4
Subtotal	1,579	7,031.5							
Subtotal Average			4.3	0.1	4.5	4.0	4.7	0.0	6.4
Grand Total	112,162	1,744,278.0							
Grand Total Average			14.7	0.9	15.6	15.1	14.0	5.2	18.4

Table 6: Average Weekly Use of Student Stations in Class Laboratories

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES

TOTAL STUDENT STATIONS IN CLASS LABORATORIES

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 13 for a discussion of what the term class laboratory includes and page 9 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories.

A frequently cited norm is **15 hours per week**. This figure assumes that the average weekly use of class labs is 20 hours (see Table 4) and that there is 75 percent utilization of student stations when class labs are in use (Table 7).

Table 6. Average Weekly Use of Student Stations in Class Laboratories

	No. of	Student	Average	Average	All Hours				
Institution	Stations	Clock	Daytime	Nighttime	2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity									
NC State	5,714	66,570.0	10.8	0.8	11.6	12.3	12.3	4.6	12.2
UNC-Chapel Hill	2,918	11,275.0	3.7	0.2	3.9	5.5	5.5	0.0	6.8
Subtotal	8,632	77,845.0							
Subtotal Average			8.4	0.6	9.0	9.7	10.2	3.3	10.6
Doctoral Universities: High Research Activity									
East Carolina	5,301	43,898.5	7.7	0.6	8.3	8.7	9.5	8.7	11.4
N.C. A&T	2,501	25,837.0	9.0	1.3	10.3	10.4	10.6	3.0	11.7
UNC Charlotte	3,855	50,316.5	11.2	1.9	13.1	12.8	9.4	5.0	13.1
UNC Greensboro	3,893	30,756.0	7.0	0.9	7.9	8.0	7.9	10.5	11.7
UNC Wilmington	2,823	33,715.0	10.9	1.0	11.9	13.5	12.3	3.0	15.0
Subtotal	18,373	184,523.0							
Subtotal Average			9.0	1.1	10.0	10.4	9.7	6.5	12.5
Doctoral/Professional Universities									
Western Carolina	2,591	26,602.0	9.6	0.7	10.3	11.3	9.2	6.3	13.9
Winston-Salem	1,581	6,316.0	3.8	0.2	4.0	3.2	1.4	1.8	8.7
Subtotal	4,172	32,918.0							
Subtotal Average			7.4	0.5	7.9	8.2	6.1	4.2	12.1
Master's Colleges & Universities: Larger/Medium Programs									
Appalachian	3,756	52,410.0	13.0	1.0	14.0	14.1	13.9	3.2	17.5
Fayetteville	1,460	9,839.0	6.2	0.5	6.7	7.6	5.7	5.7	10.0
NCCU	1,387	10,887.0	7.0	0.9	7.8	6.9	7.4	4.2	7.2
UNC Pembroke	1,450	5,144.0	3.5	0.0	3.5	4.4	4.4	4.1	11.3
Subtotal	8,053	78,280.0							
Subtotal Average			9.0	0.7	9.7	10.1	9.7	4.1	13.2
Baccalaureate Colleges: Arts & Sciences Focus									
UNC Asheville	426	4,926.0	10.1	1.4	11.6	12.9	11.3	10.7	10.7
Subtotal	426	4,926.0							
Subtotal Average			10.1	1.4	11.6	12.9	11.3	10.7	10.7
Baccalaureate Colleges: Diverse Fields									
Elizabeth City	1,451	3,921.0	2.4	0.3	2.7	2.9	3.3	4.3	4.3
Subtotal	1,451	3,921.0							
Subtotal Average			2.4	0.3	2.7	2.9	3.3	4.3	4.3
Schools of Art, Music, & Design									
UNC School of the Arts	2,056	10,139.0	4.1	0.8	4.9	7.9	7.9	7.9	7.9
Subtotal	2,056	10,139.0							
Subtotal Average			4.1	0.8	4.9	7.0	7.5	7.9	7.9
Grand Total	43,163	392,552.0							
Grand Total Average			8.3	0.8	9.1	9.6	9.1	4.5	11.5

Table 7: Percent Student Station Utilization, Classrooms & Class Laboratories

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in class-rooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours are computed on a room-by-room basis by multiplying the number of student stations in each room by the hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours that would be generated if every room were filled (i.e., if the number of students equaled the number of stations) each time a course met in the room.

PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) =

STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)

POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)

It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. Therefore, this figure is a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the overall efficiency of utilization since it does not consider how frequently a room is used.

The University of North Carolina standards are 65 percent for classrooms and 75 percent for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms due to their specialized configuration and/or equipment, are usually closer to being filled when they are in use.

Data for University of North Carolina institutions indicate that the percent student station utilization of labs at most campuses are generally higher than classrooms.

Percent student station utilization may also be referred to as the Station Occupancy Rate (SOR).

Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2023	2022	2021	2020	2019	2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity										
NC State	66.7	64.0	62.5	37.5	64.7	75.8	71.2	70.4	69.3	78.2
UNC-Chapel Hill	70.6	67.0	67.7	40.9	68.6	50.5	36.7	43.3	0.0	49.5
Group Subtotal Percent	68.5	65.4	65.0	37.5	66.5	70.7	61.6	63.4	69.3	69.8
Doctoral Universities: High Research Activity										
East Carolina	63.3	63.5	64.3	49.8	69.8	52.6	57.2	58.0	61.5	62.3
N.C. A&T	54.7	54.8	52.7	36.5	54.2	76.6	75.1	72.0	67.7	76.7
UNC Charlotte	62.5	60.7	56.2	36.3	66.0	64.3	68.3	57.0	52.3	63.6
UNC Greensboro	54.5	52.1	35.3	63.3	57.9	54.6	50.1	50.2	73.4	57.5
UNC Wilmington	62.4	60.9	58.0	63.9	67.0	60.8	63.7	59.6	70.5	68.5
Group Subtotal Percent	60.2	59.0	53.3	45.7	63.6	60.1	61.6	58.2	63.0	64.4
Doctoral/Professional Universities										
Western Carolina	66.8	63.4	38.9	86.1	69.7	65.0	57.9	47.9	59.7	63.6
Winston-Salem	52.2	51.4	35.1	34.7	57.5	64.4	58.2	48.2	43.5	65.0
Group Subtotal Percent	62.1	59.3	38.1	49.2	65.8	64.9	57.9	47.9	55.5	63.9
Master's Colleges & Universities: Larger/Medium Programs										
Appalachian	66.8	67.1	63.7	73.8	68.3	73.5	74.2	67.2	68.9	80.0
Fayetteville	49.0	47.1	42.6	47.5	57.0	67.3	55.8	48.2	51.9	62.0
NCCU	45.5	43.3	44.9	39.9	52.2	78.9	78.5	74.9	65.5	77.4
UNC Pembroke	44.5	42.9	48.1	43.5	58.1	41.7	41.9	42.9	43.3	67.6
Group Subtotal Percent	56.8	55.7	54.7	47.6	61.8	69.9	68.0	63.1	55.8	75.5
Baccalaureate Colleges: Arts & Sciences Focus										
UNC Asheville	59.7	64.1	70.4	80.1	62.8	59.7	72.8	63.9	73.5	73.7
Group Subtotal Percent	59.7	64.1	70.4	80.1	62.8	59.7	72.8	63.9	73.5	73.7
Baccalaureate Colleges: Diverse Fields										
Elizabeth City	45.3	43.6	43.2	31.4	44.1	44.9	46.2	43.9	41.7	47.5
Group Subtotal Percent	45.3	43.6	43.2	31.4	44.1	44.9	46.2	43.9	41.7	47.5
Schools of Art, Music, & Design										
UNC School of the Arts	49.3	42.6	44.2	0.0	49.5	42.7	46.6	46.6	0.0	49.8
Group Subtotal Percent	49.3	42.6	44.2	0.0	49.5	42.7	46.6	46.6	0.0	49.8
Grand Total Percent	62.1	60.3	56.2	44.6	63.9	64.0	61.6	58.6	61.6	66.4

Table 8: Student Clock Hours of Instruction

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses, which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 11. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on pages 61-62.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution.

Table 8. Student Clock Hours of Instruction

Institution	2023			2022		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Doctoral Universities: Very High Research Activity						
NC State	308,446.5	66,570.0	21,069.0	292,447.0	69,372.5	24,722.0
UNC-Chapel Hill	290,171.0	11,275.0	7,547.0	285,030.0	13,827.5	8,990.0
Subtotal	598,617.5	77,845.0	28,616.0	577,477.0	83,200.0	33,712.0
Doctoral Universities: High Research Activity						
East Carolina	140,200.0	43,898.5	9,245.5	145,981.5	46,309.5	11,308.0
N.C. A&T	97,292.0	25,837.0	19,544.0	95,188.5	24,812.5	17,436.5
UNC Charlotte	250,754.0	50,316.5	5,385.0	235,404.0	50,797.5	1,927.0
UNC Greensboro	101,493.5	30,756.0	6,599.0	105,338.5	31,166.0	6,732.5
UNC Wilmington	124,802.0	33,715.0	5,991.5	121,832.5	35,543.5	7,664.5
Subtotal	714,541.5	184,523.0	46,765.0	703,745.0	188,629.0	45,068.5
Doctoral/Professional Universities						
Western Carolina	85,081.5	26,602.0	8,497.5	84,188.0	29,022.5	7,657.5
Winston-Salem	32,049.5	6,316.0	4,390.5	36,183.0	5,110.5	6,116.0
Subtotal	117,131.0	32,918.0	12,888.0	120,371.0	34,133.0	13,773.5
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	165,639.0	52,410.0	30,567.0	163,121.0	55,635.5	25,032.5
Fayetteville	19,178.5	9,839.0	3,583.0	22,252.5	7,863.5	2,356.0
NCCU	46,875.0	10,887.0	6,561.0	45,608.5	9,536.0	7,722.5
UNC Pembroke	35,534.0	5,144.0	1,926.0	35,702.0	6,691.5	1,406.5
Subtotal	267,226.5	78,280.0	42,637.0	266,684.0	79,726.5	36,517.5
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	26,007.5	4,926.0	7,395.5	25,090.0	4,987.5	7,803.0
Subtotal	26,007.5	4,926.0	7,395.5	25,090.0	4,987.5	7,803.0
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	13,722.5	3,921.0	144.0	13,669.5	4,276.5	212.0
Subtotal	13,722.5	3,921.0	144.0	13,669.5	4,276.5	212.0
Schools of Art, Music, & Design						
UNC School of the Arts	7,031.5	10,139.0	7,310.0	6,233.0	14,742.5	10,178.5
Subtotal	7,031.5	10,139.0	7,310.0	6,233.0	14,742.5	10,178.5
Grand Total	1,744,278.0	392,552.0	145,755.5	1,713,269.5	409,695.0	147,265.0

Table 8. (Cont'd) Student Clock Hours of Instruction

Institution	2021		
	Classroom	Laboratory	Other
Doctoral Universities: Very High Research Activity			
NC State	278,555.0	69,258.5	25,469.0
UNC-Chapel Hill	272,208.0	14,858.0	8,913.0
Subtotal	550,763.0	84,116.5	34,382.0
Doctoral Universities: High Research Activity			
East Carolina	147,586.5	44,756.5	11,772.0
N.C. A&T	96,647.0	25,475.0	16,411.5
UNC Charlotte	206,831.5	37,043.5	3,257.5
UNC Greensboro	85,193.5	29,942.0	6,264.0
UNC Wilmington	108,371.5	31,700.5	4,354.5
Subtotal	644,630.0	168,917.5	42,059.5
Doctoral/Professional Universities			
Western Carolina	54,120.0	22,104.0	11,805.5
Winston-Salem	11,402.5	2,204.5	2,894.5
Subtotal	65,522.5	24,308.5	14,700.0
Master's Colleges & Universities: Larger/Medium Programs			
Appalachian	154,890.5	50,433.0	24,405.0
Fayetteville	19,014.5	5,314.0	1,448.0
NCCU	47,862.5	10,198.5	8,857.5
UNC Pembroke	42,459.5	6,531.5	2,107.5
Subtotal	264,227.0	72,477.0	36,818.0
Baccalaureate Colleges: Arts & Sciences Focus			
UNC Asheville	28,356.0	4,372.0	6,343.0
Subtotal	28,356.0	4,372.0	6,343.0
Baccalaureate Colleges: Diverse Fields			
Elizabeth City	13,654.0	4,943.5	145.0
Subtotal	13,654.0	4,943.5	145.0
Schools of Art, Music, & Design			
UNC School of the Arts	6,426.0	14,479.0	10,500.5
Subtotal	6,426.0	14,479.0	10,500.5
Grand Total	1,573,578.5	373,614.0	144,948.0

Table 9: Space Factors

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17) into a single factor. **The lower the space factor, the more effectively the space is being utilized for instructional purposes.**

Space factors can be specifically defined in two ways. For Table 9, the following formula is used:

$$\text{SPACE FACTOR} = \frac{\text{ASSIGNABLE SQUARE FEET}}{\text{STUDENT CLOCK HOURS}}$$

An alternative formula is:

$$\text{SPACE FACTOR} = \frac{\text{ASSIGNABLE SF/STATION}}{\text{AVG WEEKLY ROOM HOURS X PERCENT STATION UTILIZATION}}$$

Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

Although the two are equivalent, they may produce slightly different results due to the rounding, which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms - If the UNC target standards cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.79:

$$\text{Classroom Space Factor} = \frac{18}{35 \times .65} = 0.79$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most University of North Carolina System institutions. The current average can be calculated by using the averages for the three required indices from Tables 3, 7, and 16:

$$\text{Classroom Space Factor} = \frac{19}{22.6 \times .621} = 1.35$$

Class Laboratories

The average assignable square footage per station in class laboratories varies widely among different types of labs. This variance results in a wide range of space factors and makes defining norms difficult. Standards adopted by the University of North Carolina System (See Table 11) classify class laboratories into four categories, based on discipline requirements, and assign a space factor (and other criteria) for each:

<p>High Intensive (e.g., Engineering and intensive Fine Arts) is assigned a Space Factor standard of 7.20. This is based on standards of 20 Weekly Room Hours (Room Utilization Rate), a Percent Student Station Utilization (or Station Occupancy Rate) of 0.75, and ASF per Student Station (Station Size) of 108 square feet.</p>	<p>Moderately Intensive (e.g., Communications, Education) is assigned a Space Factor standard of 3.33. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per student Station of 50 square feet.</p>
<p>Intensive (e.g., Agriculture, Architecture, Biological Sciences, Health Professions, Library and Physical Sciences) is assigned a Space Factor Standard of 4.67. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per Student Station of 70 square feet.</p>	<p>Non-Intensive (e.g., Business, Cinematography, Languages) is assigned a Space Factor of 2.20. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per Student Station of 33 square feet.</p>

Teaching Areas

Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors, in both classrooms and class laboratories.

Table 9. Space Factors

Institution	Classrooms					Laboratories				
	2023	2022	2021	2020	2019	2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity										
NC State	0.81	0.85	0.89	3.10	0.82	3.52	3.38	3.37	8.84	3.29
UNC-Chapel Hill	0.91	0.93	0.97	173.79	0.93	7.67	6.26	5.84	0.00	5.04
Group Subtotal Factor	0.86	0.89	0.93	6.20	0.87	4.12	3.86	3.81	11.83	3.65
Doctoral Universities: High Research Activity										
East Carolina	1.17	1.12	1.11	2.03	0.84	4.25	4.03	3.76	4.15	3.14
N.C. A&T	1.49	1.52	1.42	4.11	1.21	4.05	4.22	3.89	13.03	3.42
UNC Charlotte	0.97	1.03	1.19	4.39	0.84	3.32	3.29	4.41	12.36	3.04
UNC Greensboro	1.51	1.45	1.82	3.59	0.96	5.37	5.30	5.49	6.76	3.96
UNC Wilmington	1.21	1.24	1.39	8.05	0.96	2.93	2.78	3.07	21.33	2.45
Group Subtotal Factor	1.20	1.22	1.32	3.69	0.93	3.92	3.83	4.10	7.73	3.17
Doctoral/Professional Universities										
Western Carolina	1.12	1.13	1.79	7.13	0.86	4.56	4.18	5.15	8.67	3.02
Winston-Salem	2.62	2.32	7.35	6.48	1.57	11.19	13.83	32.07	24.97	4.29
Group Subtotal Factor	1.53	1.49	2.76	6.80	1.06	5.83	5.63	7.59	11.97	3.32
Master's Colleges & Universities: Larger/Medium Programs										
Appalachian	1.34	1.36	1.26	10.38	0.99	3.26	3.07	2.85	21.18	2.55
Fayetteville	2.69	2.32	2.65	2.54	1.44	4.04	5.06	6.73	6.66	3.78
NCCU	2.55	2.62	2.50	6.16	2.04	5.47	6.25	5.84	10.24	5.95
UNC Pembroke	2.81	2.80	2.35	4.30	1.62	9.01	6.93	6.87	7.27	3.53
Group Subtotal Factor	1.85	1.85	1.76	5.62	1.33	4.05	3.97	3.92	11.69	3.22
Baccalaureate Colleges: Arts & Sciences Focus										
UNC Asheville	1.63	1.69	1.52	3.75	1.24	3.41	3.36	3.47	6.43	4.87
Group Subtotal Factor	1.63	1.69	1.52	3.75	1.24	3.41	3.36	3.47	6.43	4.87
Baccalaureate Colleges: Diverse Fields										
Elizabeth City	5.20	5.22	5.42	7.75	4.16	12.78	11.72	10.27	14.49	8.20
Group Subtotal Factor	5.20	5.22	5.42	7.75	4.16	12.78	11.72	10.27	14.49	8.20
Schools of Art, Music, & Design										
UNC School of the Arts	6.01	6.77	5.92	0.00	4.10	8.73	6.00	5.87	0.00	5.59
Group Subtotal Factor	6.01	6.77	5.92	0.00	4.10	8.73	6.00	5.87	0.00	5.59
Grand Total Factor	1.26	1.28	1.38	4.85	1.03	4.35	4.17	4.37	10.14	3.47

Table 9. (Continued) Space Factors

Institution	Teaching Areas				
	2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity					
NC State	1.29	1.34	1.38	4.67	1.30
UNC-Chapel Hill	1.16	1.17	1.22	234.51	1.19
Group Subtotal Factor	1.23	1.26	1.31	7.71	1.25
Doctoral Universities: High Research Activity					
East Carolina	1.90	1.82	1.73	2.72	1.32
N.C. A&T	2.02	2.08	1.94	5.71	1.64
UNC Charlotte	1.36	1.43	1.68	5.96	1.19
UNC Greensboro	2.41	2.33	2.77	4.67	1.52
UNC Wilmington	1.58	1.59	1.77	10.41	1.26
Group Subtotal Factor	1.76	1.77	1.90	4.78	1.34
Doctoral/Professional Universities					
Western Carolina	1.94	1.91	2.77	7.85	1.37
Winston-Salem	4.03	3.74	11.36	9.80	2.10
Group Subtotal Factor	2.47	2.40	4.07	8.63	1.57
Master's Colleges & Universities: Larger/Medium Programs					
Appalachian	1.81	1.80	1.65	13.28	1.35
Fayetteville	3.15	3.04	3.54	3.42	1.94
NCCU	3.10	3.25	3.08	7.11	2.61
UNC Pembroke	3.59	3.45	2.95	4.86	1.93
Group Subtotal Factor	2.35	2.34	2.23	6.98	1.71
Baccalaureate Colleges: Arts & Sciences Focus					
UNC Asheville	1.91	1.97	1.78	4.24	1.90
Group Subtotal Factor	1.91	1.97	1.78	4.24	1.90
Baccalaureate Colleges: Diverse Fields					
Elizabeth City	6.88	6.77	6.71	9.71	5.29
Group Subtotal Factor	6.88	6.77	6.71	9.71	5.29
Schools of Art, Music, & Design					
UNC School of the Arts	7.61	6.23	5.88	0.00	5.10
Group Subtotal Factor	7.61	6.23	5.88	0.00	5.10
Grand Total Factor	1.83	1.84	1.95	8.59	1.48

**Table 10. Range of Selected Space Utilization Indices
for Classrooms and Class Laboratories**

Classification	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Classrooms									
Doctoral Universities: Very High Research Activity	30.6	28.4	26.6	70.6	68.5	66.7	0.91	0.86	0.81
Doctoral Universities: High Research Activity	27.4	24.0	20.9	63.3	60.2	54.5	1.51	1.20	0.97
Doctoral/Professional Universities	27.6	21.1	13.4	66.8	62.1	52.2	2.62	1.53	1.12
Master's Colleges & Universities: Larger Pro.	26.2	19.0	12.1	66.8	56.8	44.5	2.81	1.85	1.34
Baccalaureate Colleges: Arts & Sciences Focus	27.2	27.2	27.2	59.7	59.7	59.7	1.63	1.63	1.63
Baccalaureate Colleges: Diverse Fields	7.7	7.7	7.7	45.3	45.3	45.3	5.20	5.20	5.20
Schools of Art, Music, & Design*	8.4	8.4	8.4	49.3	49.3	49.3	6.01	6.01	6.01
Grand Total									
State Range	30.6	22.6	7.7	70.4	62.1	44.5	6.01	1.26	0.81
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Doctoral Universities: Very High Research Activity	14.3	12.1	6.9	75.8	70.7	50.5	7.67	4.12	3.52
Doctoral Universities: High Research Activity	18.7	14.0	11.1	76.6	60.1	52.6	5.37	3.92	2.93
Doctoral/Professional Universities	12.3	9.0	4.1	65.0	64.9	64.4	11.19	5.83	4.56
Master's Colleges & Universities: Larger Pro.	17.7	12.3	6.6	78.9	69.9	41.7	9.01	4.05	3.26
Baccalaureate Colleges: Arts & Sciences Focus	16.2	16.2	16.2	59.7	59.7	59.7	3.41	3.41	3.41
Baccalaureate Colleges: Diverse Fields	4.6	4.6	4.6	44.9	44.9	44.9	12.78	12.78	12.78
Schools of Art, Music, & Design*	9.1	9.1	9.1	42.7	42.7	42.7	8.73	8.73	8.73
Grand Total									
State Range	19.1	22.6	2.1	78.9	64.0	41.7	12.78	4.35	2.93
Typical Standard	-	20.0	-	-	75.0	-	-	7.20	-

*Only one institution in this category

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Table 11: Space Standards

The University of North Carolina, in conjunction with higher education consultants Eva Klein and Associates, Ltd., in 1997-98 developed space planning standards to be used as an additional variable in the evaluation of capital project needs at the UNC institutions. Space planning standards were developed for the first four series of HEGIS Room Use Codes, 100, 200, 300, and 400, as defined in both the national and N.C. facilities classification manuals. The resulting proposed space planning standards reported in “The University of North Carolina Space Planning Standards - October 1998” were officially adopted by the UNC Board of Governors in October 1998.

It should be noted that the criteria presented here are planning guidelines for current and future needs based on specific assumptions of program, enrollment, employment, and/or research growth during a given planning period. These standards do not attempt to address quality issues of space in terms of either facility condition or suitability for current and future needs. Differences in institutional missions, program diversity, or specific strategic plans are also not represented in the space standards.

As a result, these standards are not intended as exclusive or absolute indicators for determination of project needs. Given these limitations, the space standards are used within various formulas to develop totals for predicted space for each campus. These figures are in turn used, in comparison with inventoried space statistics, to calculate hypothetical surplus/deficit assignable square footages in the selected categories.

100 Series – Classroom Facilities – The standards apply only to the 110-Classroom Room Use Code. Room Use Code 115 (Classroom Service) is omitted in the calculations in accordance with typical comparative reporting practices in higher education.

See Table 3 for additional details on average weekly room hours, Table 7 on percent student station and station occupancy ratio, Table 9 on space factors, and Table 16 regarding student station size.

CLASSROOM (110) STANDARDS	
Average Student Station Size	18 ASF
Average Weekly Room Hours	35 hours/week
Station Occupancy Ratio	65%
Space Factor (see Table 9)	0.79

200 Series – Laboratory Facilities – Two types of laboratory space were studied:

210 – Class Laboratory – This includes only those laboratories that are used for regularly scheduled instruction. Excluded are areas classified as 215-Class Laboratory Service, 220-Open Laboratory (irregularly scheduled), and 225-Open Laboratory Service.

250 – Research/Nonclass Laboratory – Based again on typical industry reporting standards, this analysis also includes space classified as 255-Research/Nonclass Laboratory Service as an aggregate for calculations. Only 250/255 space further classified under the Program Codes for Research (codes 21 and 22) are used in the calculations.

CLASS (TEACHING) LABORATORY (210) STANDARDS

Space Factors are based on a Percent Student Station Utilization (Station Occupancy Ratio) of 75 percent and a Weekly Room Hour (Room Utilization Rate) standard of 20 hours.

Teaching Lab Category	Discipline	ASF Per Station	Space Factor
Highly Intensive	Engineering (including Textiles), Applied Design, Dance, Dramatic Arts	108	7.2
Intensive	Agriculture, Architecture, Biological Sciences, Health Professions, Library Sciences, Physical Sciences	70	4.67
Moderately Intensive	Communications, Computer/Info Tech, Education, Art, Home Economics, Law, Psychology	50	3.33
Non-Intensive	Business, Cinematography, Music, Language, Letters, Mathematics, Public Affairs, Social Sciences	33	2.2

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS

Currently, a research space planning standard ASF allowance of 9,000 square feet per \$1 million of organized research expenditures, averaged over five years, is recommended for application to only the two major research universities – UNC-Chapel Hill and N.C. State University. For all other UNC institutions, program considerations, and not planning standards, remain the basis for justification for research space capital requests. A recommendation is in place to ultimately develop four categories of disciplines with corresponding ASF allowances per \$1 million of averaged expenditures.

Research Lab Category	Discipline	ASF per \$1M Averaged Organized Research Expenditures
Highly Intensive	Production Agriculture/ Animal, Crop, Poultry, Soil Sciences	11,000
Intensive	Agricultural Sciences (other than Production Agriculture), Architecture and Related Programs, Conservation and Renewable Resources/Textiles, Forestry, Marine Sciences, Engineering, Health Professions, Physical Sciences	9,000
Moderately Intensive	Biological Sciences, Home Economics, Psychology	6,000
Non-Intensive	Applied Math/Statistics, Business, Communications, Education, Fine Arts, Languages, Law, Letters, Library Sciences, Public Affairs, Social Sciences	4,000

300 – Office Facilities – Office space standards aggregate inventoried square footages for the four Room Use Codes in the 300-series: 310-Office, 315-Office Service, 350-Conference Room, and 355-Conference Room Service.

Four standards of ASF allowance, based on personnel categories, were developed.

OFFICE FACILITY (310/315, 350/355) STANDARDS	ASF Standard
Administrative	275 ASF
Instructional and Professional	190 ASF
Technical and Clerical	140 ASF
Graduate Assistants	95 ASF

400 – Study Facilities – For study facilities, separate figures for predicted space are calculated for 410-Study Room, 420-Stack, 430-Open-Stack Study Room (using an assumption of an equal assignment of space to stack and study area within the formula), 440-Processing Room, and 455-Study Service. For surplus/deficit estimations, these figures are aggregated to study, stack, and service space and then subset under Program Code 41-Library Services for application to campus central libraries (i.e., excludes departmental libraries and study areas within residential and other buildings).

STUDY FACILITY (410, 420, 430, 440, 455) STANDARDS		
<i>Central Libraries only (Program Code 41)</i>		
Study Space	410-Study Room and 50% of 430-Open-Stack Study Room space	25 ASF per station for 20% of FTE students plus 8% of FTE faculty
Stack Space	420-Stack and 50% of 430-Open-Stack Study Room Space	0.08 ASF per volume
Service Space	440-Processing Room and 455-Study Service space	15% of the combined predicted requirement for study and stack space

Table 12: Enrollments

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students using conversion formulas, which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments.

FTE Enrollment

FTE enrollment, as used in this study, is based on fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina System, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of 1/2 FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina System, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of 1/2 FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

Table 12. Summary of FTE Enrollment						
Public Institutions		2023	2022	2021	2020	2019
	Doctoral Universities: Very High Research Activity	57,968	57,060	56,847	55,031	55,225
	Doctoral Universities: High Research Activity	93,201	92,710	94,946	95,957	95,614
	Doctoral/Professional Universities	14,987	15,131	15,526	15,907	15,890
	Master's Colleges & Universities: Larger/Medium Program	39,777	38,699	39,690	39,368	38,286
	Baccalaureate Colleges: Arts & Sciences Focus	2,744	2,715	3,007	3,105	3,295
	Baccalaureate Colleges: Diverse Fields	1,929	1,940	1,854	1,822	1,663
	Schools of Art, Music, & Design	1,070	1,091	1,109	1,059	1,075
Grand Total		211,676	209,346	212,978	212,249	211,048

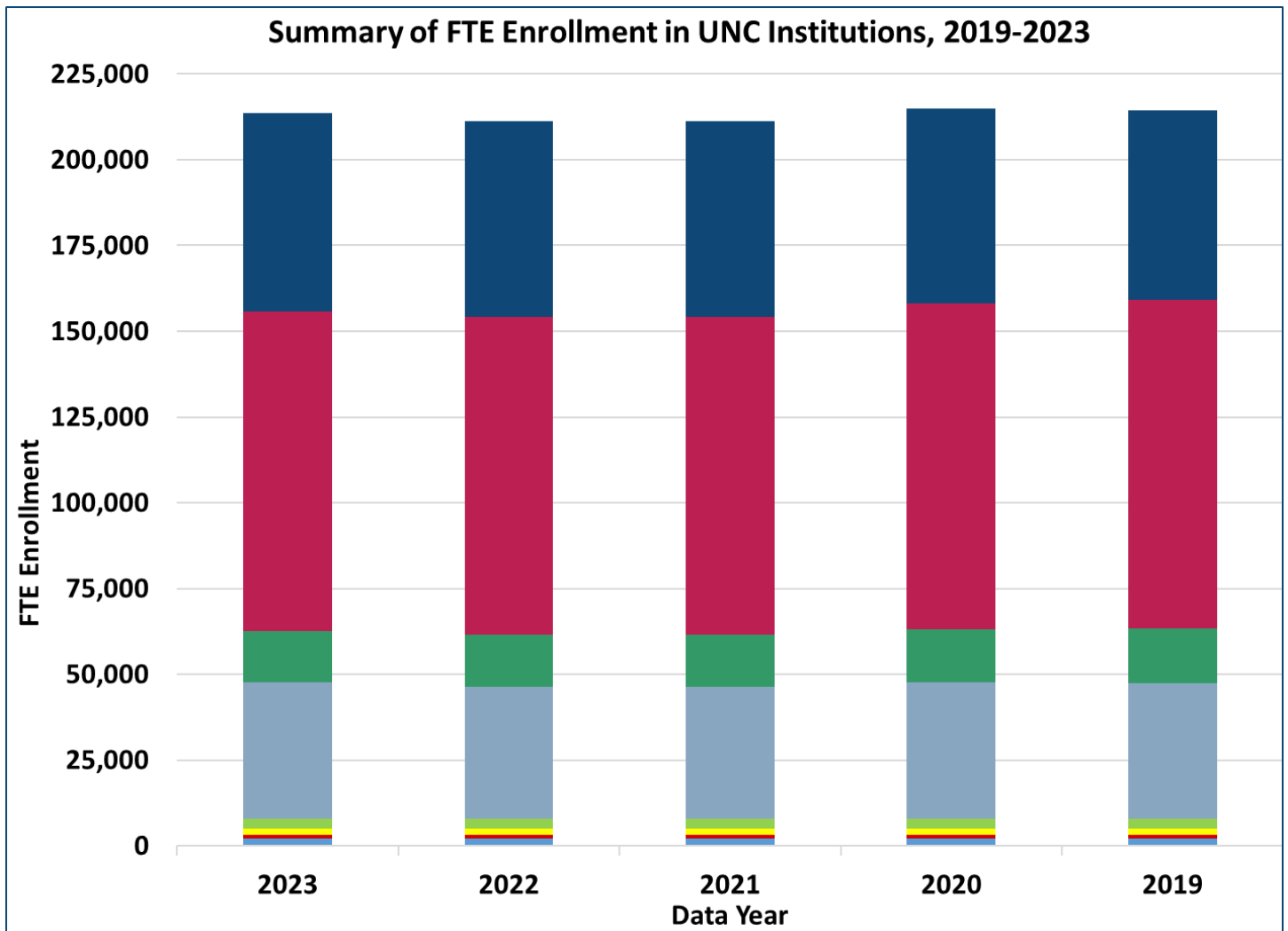


Table 12a. FTE Enrollments by Institution

Institution	2023	2022	2021	2020	2019
	FTE	FTE	FTE	FTE	FTE
Doctoral Universities: Very High Research Activity					
NC State	33,309	33,034	32,643	31,872	32,121
NC State Veterinary Med	422	398	397	399	398
UNC-Chapel Hill	24,658	24,026	24,204	23,159	23,104
UNC-Chapel Hill Hlth Aff.	5,181	5,380	5,256	4,859	4,752
Subtotal	57,968	57,060	56,847	55,031	55,225
Doctoral Universities: High Research Activity					
East Carolina	20,745	21,293	22,008	22,786	22,701
East Carolina Hlth Aff.	2,671	2,679	2,738	2,771	2,744
N.C. A&T	12,966	12,551	12,384	11,897	11,765
UNC Charlotte	27,533	26,897	27,600	27,579	27,167
UNC Greensboro	15,838	16,034	16,982	17,764	18,184
UNC Wilmington	16,118	15,935	15,973	15,931	15,797
Subtotal	93,201	92,710	94,946	95,957	95,614
Doctoral/Professional Universities					
Western Carolina	10,499	10,475	10,713	11,104	11,103
Winston-Salem	4,488	4,656	4,813	4,803	4,787
Subtotal	14,987	15,131	15,526	15,907	15,890
Master's Colleges & Universities: Larger/Medium Programs					
Appalachian	20,310	19,569	19,781	19,188	18,572
Fayetteville	5,871	5,698	5,553	5,626	5,567
NCCU	7,236	6,869	7,208	7,343	7,291
UNC Pembroke	6,359	6,563	7,148	7,211	6,856
Subtotal	39,777	38,699	39,690	39,368	38,286
Baccalaureate Colleges: Arts & Sciences Focus					
UNC Asheville	2,744	2,715	3,007	3,105	3,295
Subtotal	2,744	2,715	3,007	3,105	3,295
Baccalaureate Colleges: Diverse Fields					
Elizabeth City	1,929	1,940	1,854	1,822	1,663
Subtotal	1,929	1,940	1,854	1,822	1,663
Schools of Art, Music, & Design					
UNC School of the Arts	1,070	1,091	1,109	1,059	1,075
Subtotal	1,070	1,091	1,109	1,059	1,075
Grand Total	211,676	209,346	212,978	212,249	211,048

Includes high school students at UNCSA.



Plant Sciences Building

NC State University

At NC State University's Centennial Campus, the five-story Plant Sciences Building is a hive of interdisciplinary research to address future challenges of agriculture and the environment. Here, scientists from the College of Agriculture and Life Sciences, College of Engineering, College of Natural Resources, the Wilson College of Textiles and the Golden LEAF Biomanufacturing Training and Education Center collaborate. The building itself is a technical marvel, certified LEED Gold by the U.S. Green Buildings Council. At 185,000 square feet, it features 11 rooftop greenhouse bays, providing highly controlled growth environments for plant studies. The first floor includes interactive learning spaces, a demo lab, and an event space; throughout the building, specialized labs with sophisticated equipment allow faculty and students to push the frontiers of agriculture.

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Room Space Characteristics

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Table 13: Net-to-Gross Ratio

The net-to-gross ratio is the assignable square-foot (ASF) area of a building or group of buildings divided by the gross square foot (GSF). It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors that are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its building service, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as Nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because GSF figures include these structures. The following institutions have parking decks:

Appalachian State University	379,144 GSF
N. C. State University	2,404,742 GSF
N.C. State Veterinary Medicine	186,098 GSF
UNC Asheville	98,200 GSF
UNC-Chapel Hill - Academic Affairs	1,245,597 GSF
UNC-Chapel Hill - Health Affairs	2,007,520 GSF
UNC Charlotte	3,063,823 GSF
UNC Greensboro	875,642 GSF
UNC Wilmington	635,812 GSF

Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows:

Appalachian State University	67.7%
N.C. State University	64.8%
N.C. State Veterinary Medicine	64.3%
UNC Asheville	60.0%
UNC-Chapel Hill Health Affairs	49.5%
UNC-Chapel Hill - Academic Affairs	60.6%
UNC Charlotte	58.7%
UNC Greensboro	58.6%
UNC Wilmington	66.9%

Table 13 Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity							
NC State	17,191,383	9,587,968	55.8	55.6	55.8	55.9	55.6
NC State Veterinary Med	909,416	464,759	51.1	50.9	50.8	51.1	51.1
UNC-Chapel Hill	13,860,393	7,643,456	55.1	55.7	55.6	55.3	54.9
UNC-Chapel Hill Hlth Aff.	7,174,829	2,558,747	35.7	37.3	37.3	37.2	38.0
Subtotal	39,136,021	20,254,930					
Subtotal Ratio			51.8	52.3	52.3	52.2	52.0
Doctoral Universities: High Research Activity							
East Carolina	5,786,926	3,443,665	59.5	59.5	61.9	59.6	59.5
East Carolina Hlth Aff.	1,945,426	1,172,880	60.3	59.3	59.6	56.7	56.7
N.C. A&T	3,469,581	2,369,271	68.3	66.4	69.0	69.3	69.3
UNC Charlotte	10,103,936	4,132,096	40.9	40.9	41.2	41.3	40.8
UNC Greensboro	6,847,871	3,502,620	51.1	51.2	51.1	50.8	50.9
UNC Wilmington	5,008,935	2,925,325	58.4	57.6	57.7	57.9	63.2
Subtotal	33,162,675	17,545,857					
Subtotal Ratio			52.9	52.5	53.2	52.8	53.3
Doctoral/Professional Universities							
Western Carolina	3,917,722	2,519,574	64.3	62.4	50.2	63.4	63.2
Winston-Salem	2,003,023	1,283,686	64.1	64.1	64.1	64.1	64.8
Subtotal	5,920,745	3,803,260					
Subtotal Ratio			64.2	63.0	54.7	63.6	63.8
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	5,692,838	3,225,710	56.7	58.2	57.3	57.1	56.7
Fayetteville	1,416,280	858,068	60.6	62.5	62.5	62.5	62.5
NCCU	2,364,844	1,504,950	63.6	64.0	63.9	64.0	64.0
UNC Pembroke	1,804,743	1,224,827	67.9	67.7	67.4	64.9	67.0
Subtotal	11,278,705	6,813,555					
Subtotal Ratio			60.4	61.5	61.1	60.6	60.8
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	1,712,081	968,470	56.6	57.6	55.6	57.1	57.7
Subtotal	1,712,081	968,470					
Subtotal Ratio			56.6	57.6	55.6	57.1	57.7
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	1,194,456	796,769	66.7	66.8	66.7	66.5	66.5
Subtotal	1,194,456	796,769					
Subtotal Ratio			66.7	66.8	66.7	66.5	66.5
Schools of Art, Music, & Design							
UNC School of the Arts	1,447,991	912,409	63.0	63.4	63.3	69.6	67.7
Subtotal	1,447,991	912,409					
Subtotal Ratio			63.0	63.4	63.3	69.6	67.7
Teaching Hospitals							
UNC Hospitals	2,499,249	1,358,303	54.3	54.3	54.3	54.3	54.3
Subtotal	2,499,249	1,358,303					
Subtotal Ratio			54.3	54.3	54.3	54.3	54.3
Grand Total	96,351,923	52,453,553					
Grand Total Ratio			54.4	54.5	54.2	54.6	54.7

Table 14: Percentage Distribution of Assignable Area by Summary Programs and Subprograms

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Systems in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area, which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives, which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not due to rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms under a given program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

- 10 Instruction Program.** This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.
- 20 Research Program.** Any activity intended to produce one or more research outcomes—including the creation of knowledge, the organization of knowledge, and the application of knowledge—is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.
- 30 Public Service.** The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.
- 40 Academic Support Program.** Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.
- 50 Student Service Program.** The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.
- 60 Institutional Administration Program.** This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.
- 70 Physical Plant Operations Program.** Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.
- 80 Student Financial Support Program.** This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered

through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that were not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

Table 14. Percentage Distribution of Assignable Area by Summary Programs

Institution	Assignable Sq. Ft.	Instruction 10	Research 20	Public Service 30	Academic Support 40
Doctoral Universities: Very High Research Activity					
NC State	9,587,968	19.0	27.3	5.3	5.4
NC State Veterinary Med	464,759	20.7	36.3	27.3	7.2
UNC-Chapel Hill	7,643,456	24.2	7.4	0.5	10.4
UNC-Chapel Hill Hlth Aff.	2,558,747	24.2	50.3	10.8	7.9
Subtotal	20,254,930				
Subtotal Percentage		21.7	22.9	4.7	7.7
Doctoral Universities: High Research Activity					
East Carolina	3,443,665	30.6	3.7	0.3	6.4
East Carolina Hlth Aff.	1,172,880	22.4	17.6	46.1	8.3
N.C. A&T	2,369,271	29.2	9.0	1.0	13.1
UNC Charlotte	4,132,096	21.7	7.8	1.8	10.3
UNC Greensboro	3,502,620	22.1	6.1	0.2	8.5
UNC Wilmington	2,925,325	19.1	4.8	1.3	8.8
Subtotal	17,545,857				
Subtotal Percentage		24.1	7.0	3.9	9.2
Doctoral/Professional Universities					
Western Carolina	2,519,574	22.0	1.0	0.3	7.9
Winston-Salem	1,283,686	24.1	2.2	0.3	7.5
Subtotal	3,803,260				
Subtotal Percentage		22.7	1.4	0.3	7.7
Master's Colleges & Universities: Larger/Medium Programs					
Appalachian	3,225,710	29.4	0.7	4.1	4.9
Fayetteville	858,068	34.9	1.8	0.1	11.3
NCCU	1,504,950	36.6	2.2	0.5	8.6
UNC Pembroke	1,224,827	21.7	0.6	0.6	11.1
Subtotal	6,813,555				
Subtotal Percentage		30.3	1.1	2.2	7.7
Baccalaureate Colleges: Arts & Sciences Focus					
UNC Asheville	968,470	24.7	1.3	1.1	7.0
Subtotal	968,470				
Subtotal Percentage		24.7	1.3	1.1	7.0
Baccalaureate Colleges: Diverse Fields					
Elizabeth City	796,769	34.1	0.3	2.4	5.7
Subtotal	796,769				
Subtotal Percentage		34.1	0.3	2.4	5.7
Schools of Art, Music, & Design					
UNC School of the Arts	912,409	38.8	0.4	2.7	7.3
Subtotal	912,409				
Subtotal Percentage		38.8	0.4	2.7	7.3
Teaching Hospitals					
UNC Hospitals	1,358,303	1.0	0.5	81.8	0.0
Subtotal	1,358,303				
Subtotal Percentage		1.0	0.5	81.8	0.0
Grand Total	52,453,553				
Grand Total Percentage		23.7	11.5	5.7	7.9

**Table 14. (Continued) Percentage Distribution of Assignable Area
by Summary Programs**

Institution	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Unassigned 00
Doctoral Universities: Very High Research Activity					
NC State	32.2	4.9	1.3	1.3	3.2
NC State Veterinary Med	1.4	1.1	4.3	0.7	1.1
UNC-Chapel Hill	46.8	5.5	2.8	0.7	1.7
UNC-Chapel Hill Hlth Aff.	0.3	2.2	0.3	2.1	1.9
Subtotal Percentage	32.9	4.7	1.8	1.2	2.4
Doctoral Universities: High Research Activity					
East Carolina	46.2	7.2	2.8	1.6	1.2
East Carolina Hlth Aff.	0.1	2.6	2.8	0.0	0.1
N.C. A&T	33.6	11.6	1.3	0.9	0.3
UNC Charlotte	50.7	4.8	1.2	0.0	1.8
UNC Greensboro	51.4	7.4	2.2	1.5	0.5
UNC Wilmington	57.0	4.0	0.8	1.3	3.1
Subtotal Percentage	45.3	6.4	1.8	0.9	1.3
Doctoral/Professional Universities					
Western Carolina	44.3	16.7	2.3	3.8	1.7
Winston-Salem	54.1	7.0	1.7	0.7	2.5
Subtotal Percentage	47.6	13.4	2.1	2.8	2.0
Master's Colleges & Universities: Larger/Medium Programs					
Appalachian	52.5	5.4	1.8	0.3	0.8
Fayetteville	43.9	4.9	1.5	1.4	0.3
NCCU	39.3	5.5	0.6	1.2	5.5
UNC Pembroke	56.1	7.0	2.8	0.0	0.0
Subtotal Percentage	49.2	5.6	1.7	0.6	1.7
Baccalaureate Colleges: Arts & Sciences Focus					
UNC Asheville	55.8	4.9	4.2	1.1	0.0
Subtotal Percentage	55.8	4.9	4.2	1.1	0.0
Baccalaureate Colleges: Diverse Fields					
Elizabeth City	44.6	5.5	1.0	0.0	6.4
Subtotal Percentage	44.6	5.5	1.0	0.0	6.4
Schools of Art, Music, & Design					
UNC School of the Arts	32.8	10.6	2.4	0.2	4.7
Subtotal Percentage	32.8	10.6	2.4	0.2	4.7
Teaching Hospitals					
UNC Hospitals	0.0	10.8	1.8	1.0	3.1
Subtotal Percentage	0.0	10.8	1.8	1.0	3.1
Grand Total Percentage	40.0	6.3	1.9	1.1	2.0

Table 14a: Instruction, Research, and Public Service Subprograms

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms that are described but which are not included in Table 14a, had no square footage assigned to them by institutions.

- 11 General Academic Instruction.** This subprogram includes instructional offerings intended both to prepare learners, in a generalized sense, to function in several different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.
- 12 Vocational/Technical Instruction.** This subprogram includes instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.
- 13 Requisite Preparatory/Remedial Instruction.** This category includes instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.
- 14 General Studies.** This subprogram includes instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).
- 15 Occupational-Related Instruction.** This subprogram includes instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.
- 16 Social Roles/Interaction Instruction.** This subprogram includes instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes offerings that deal with the person as a member of a particular social organization or institution.
- 17 Home and Family Life Instruction.** This subprogram includes instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.
- 18 Personal Interest and Leisure Instruction.** This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or vocational pursuits or to improve his or her day-to-day living skills.
- 21 Institutes and Research Centers.** This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under federally funded research centers. (There are no federally funded research centers in North Carolina.)
- 22 Individual or Project Research.** This subprogram includes research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods because of a contract, grant, or specific time allocation of institutional resources. Research that is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

- 31 Direct Patient Care.** This subprogram includes activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.
- 32 Health Care Supportive Services.** This subprogram includes activities that are unique to a teaching hospital, health science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.
- 33 Community Services.** This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular instruction, research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.
- 34 Cooperative Extension Services.** This subprogram includes activities that make resources, services, and expertise available outside the instruction, research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.
- 35 Public Broadcasting Services.** This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's instruction, research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Table 14a. Instruction, Research, and Public Service Programs

Institution	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17
Doctoral Universities: Very High Research Activity							
NC State	18.8	0.0	0.0	0.2	0.0	0.0	0.0
NC State Veterinary Med	20.7	0.0	0.0	0.0	0.0	0.0	0.0
UNC-Chapel Hill	23.6	0.0	0.0	0.3	0.3	0.0	0.0
UNC-Chapel Hill Hlth Aff.	24.0	0.0	0.0	0.2	0.1	0.0	0.0
Subtotal Percentage	21.3	0.0	0.0	0.2	0.1	0.0	0.0
Doctoral Universities: High Research Activity							
East Carolina	30.6	0.0	0.0	0.0	0.0	0.0	0.0
East Carolina Hlth Aff.	22.3	0.0	0.0	0.0	0.1	0.0	0.0
N.C. A&T	29.2	0.0	0.0	0.0	0.0	0.0	0.0
UNC Charlotte	21.7	0.0	0.1	0.0	0.0	0.0	0.0
UNC Greensboro	22.1	0.0	0.0	0.0	0.0	0.0	0.0
UNC Wilmington	19.1	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal Percentage	24.1	0.0	0.0	0.0	0.0	0.0	0.0
Doctoral/Professional Universities							
Western Carolina	21.8	0.0	0.1	0.1	0.0	0.0	0.0
Winston-Salem	23.9	0.0	0.2	0.0	0.0	0.0	0.0
Subtotal Percentage	22.5	0.0	0.1	0.0	0.0	0.0	0.0
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	29.4	0.0	0.0	0.0	0.0	0.0	0.0
Fayetteville	34.6	0.0	0.0	0.3	0.0	0.0	0.0
NCCU	36.6	0.0	0.0	0.0	0.0	0.0	0.0
UNC Pembroke	19.9	0.0	0.5	0.5	0.9	0.0	0.0
Subtotal Percentage	29.9	0.0	0.1	0.1	0.2	0.0	0.0
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	24.4	0.0	0.0	0.3	0.0	0.0	0.0
Subtotal Percentage	24.4	0.0	0.0	0.3	0.0	0.0	0.0
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	34.1	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal Percentage	34.1	0.0	0.0	0.0	0.0	0.0	0.0
Schools of Art, Music, & Design							
UNC School of the Arts	38.8	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal Percentage	38.8	0.0	0.0	0.0	0.0	0.0	0.0
Teaching Hospitals							
UNC Hospitals	0.5	0.0	0.0	0.5	0.0	0.0	0.0
Subtotal Percentage	0.5	0.0	0.0	0.5	0.0	0.0	0.0
Grand Total Percentage	23.5	0.0	0.03	0.1	0.1	0.0	0.0

Table 14a. (Continued) Instruction, Research, and Public Service Programs

Institution	Personal Leisure Instruction 18	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broad- casting Services 35
Doctoral Universities: Very High Research Activity								
NC State	0.0	7.1	20.2	0.0	0.0	2.0	3.3	0.0
NC State Veterinary Med	0.0	0.0	36.3	16.0	11.3	0.0	0.1	0.0
UNC-Chapel Hill	0.0	0.6	6.8	0.0	0.1	0.3	0.0	0.1
UNC-Chapel Hill Hlth Aff.	0.0	2.4	48.0	4.7	5.6	0.5	0.0	0.0
Subtotal Percentage	0.0	3.9	19.0	1.0	1.0	1.1	1.6	0.0
Doctoral Universities: High Research Activity								
East Carolina	0.0	0.6	3.1	0.0	0.1	0.1	0.0	0.1
East Carolina Hlth Aff.	0.0	0.6	17.0	28.5	17.0	0.5	0.0	0.0
N.C. A&T	0.0	2.3	6.8	0.0	0.0	0.3	0.7	0.1
UNC Charlotte	0.0	2.3	5.5	0.0	0.0	1.8	0.0	0.0
UNC Greensboro	0.0	0.0	6.1	0.1	0.0	0.1	0.0	0.0
UNC Wilmington	0.0	4.3	0.5	0.0	0.5	0.8	0.0	0.0
Subtotal Percentage	0.0	1.7	5.3	1.9	1.2	0.7	0.1	0.0
Doctoral/Professional Universities								
Western Carolina	0.0	0.6	0.4	0.0	0.0	0.3	0.0	0.0
Winston-Salem	0.0	0.7	1.5	0.0	0.0	0.3	0.0	0.0
Subtotal Percentage	0.0	0.6	0.8	0.0	0.0	0.3	0.0	0.0
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	0.0	0.2	0.4	0.4	0.0	3.8	0.0	0.0
Fayetteville	0.0	0.0	1.8	0.0	0.0	0.1	0.0	0.0
NCCU	0.0	1.3	0.9	0.0	0.0	0.2	0.0	0.4
UNC Pembroke	0.0	0.5	0.0	0.0	0.0	0.6	0.0	0.0
Subtotal Percentage	0.0	0.5	0.6	0.2	0.0	1.9	0.0	0.1
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	0.1	0.2	1.1	0.0	0.0	1.1	0.0	0.0
Subtotal Percentage	0.1	0.2	1.1	0.0	0.0	1.1	0.0	0.0
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	0.0	0.0	0.3	0.0	0.0	2.0	0.0	0.4
Subtotal Percentage	0.0	0.0	0.3	0.0	0.0	2.0	0.0	0.4
Schools of Art, Music, & Design								
UNC School of the Arts	0.0	0.4	0.0	0.0	0.0	2.7	0.0	0.0
Subtotal Percentage	0.0	0.4	0.0	0.0	0.0	2.7	0.0	0.0
Teaching Hospitals								
UNC Hospitals	0.0	0.0	0.5	33.4	48.4	0.0	0.0	0.0
Subtotal Percentage	0.0	0.0	0.5	33.4	48.4	0.0	0.0	0.0
Grand Total Percentage	0.004	2.2	9.3	1.9	2.0	1.0	0.6	0.05

Table 14b: Academic Support Subprograms

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms that are described but which are not included in Table 14b had no square footage assigned to them by institutions.

- 41 Library Services.** This subprogram includes activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services that are separately funded; departmental libraries are included under the appropriate instruction subprogram.
- 42 Museums and Galleries.** This subprogram includes activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries that are separately funded. Departmental exhibit areas are included under the appropriate Instruction Subprogram.
- 43 Educational Media Services.** This subprogram includes audio, visual, and other technological services that have been established to provide direct support for the institution's instruction, research, and public service programs.
- 44 Academic Computer Support.** This subprogram includes computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data processing services and computing support.
- 45 Ancillary Support.** This subprogram includes activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.
- 46 Academic Administration.** This subprogram consists of activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.
- 47 Course and Curriculum Development.** This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.
- 48 Academic Personnel Development.** This subprogram includes activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b. Academic Support Programs

Institution	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Doctoral Universities: Very High Research Activity								
NC State	3.3	0.2	0.4	0.9	0.0	0.5	0.0	0.0
NC State Veterinary Med	2.5	0.0	0.3	0.6	0.0	3.7	0.0	0.0
UNC-Chapel Hill	8.0	0.4	0.1	0.4	0.0	1.3	0.0	0.2
UNC-Chapel Hill Hlth Aff.	2.2	0.0	0.0	0.1	1.1	4.4	0.0	0.0
Subtotal Percentage	4.9	0.2	0.2	0.6	0.2	1.4	0.0	0.1
Doctoral Universities: High Research Activity								
East Carolina	5.1	0.2	0.1	0.1	0.3	0.6	0.0	0.0
East Carolina Hlth Aff.	5.9	0.2	0.2	0.0	0.0	1.9	0.0	0.0
N.C. A&T	4.8	0.7	0.1	0.2	4.0	3.2	0.0	0.0
UNC Charlotte	4.8	0.2	0.2	0.4	0.0	4.6	0.1	0.0
UNC Greensboro	3.5	0.7	0.3	0.1	0.4	3.5	0.0	0.0
UNC Wilmington	3.8	0.2	0.1	0.4	0.0	4.3	0.0	0.0
Subtotal Percentage	4.5	0.4	0.2	0.2	0.7	3.2	0.0	0.0
Doctoral/Professional Universities								
Western Carolina	4.7	0.4	0.0	0.1	0.2	2.2	0.0	0.2
Winston-Salem	3.4	0.9	0.2	0.4	0.1	2.5	0.0	0.0
Subtotal Percentage	4.3	0.6	0.1	0.2	0.2	2.3	0.0	0.1
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	3.2	0.0	0.0	0.6	0.2	0.9	0.1	0.0
Fayetteville	7.7	0.0	0.5	0.8	0.7	1.5	0.0	0.0
NCCU	4.2	0.3	0.1	0.4	0.5	3.0	0.0	0.2
UNC Pembroke	2.7	0.8	0.5	0.2	0.9	6.1	0.0	0.0
Subtotal Percentage	3.9	0.2	0.2	0.5	0.5	2.4	0.0	0.0
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	5.4	0.0	0.4	0.8	0.0	0.2	0.0	0.1
Subtotal Percentage	5.4	0.0	0.4	0.8	0.0	0.2	0.0	0.1
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	4.4	0.1	0.0	0.4	0.5	0.4	0.0	0.0
Subtotal Percentage	4.4	0.1	0.0	0.4	0.5	0.4	0.0	0.0
Schools of Art, Music, & Design								
UNC School of the Arts	6.1	0.2	0.0	0.0	0.1	0.8	0.0	0.0
Subtotal Percentage	6.1	0.2	0.0	0.0	0.1	0.8	0.0	0.0
Teaching Hospitals								
UNC Hospitals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal Percentage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grand Total Percentage	4.5	0.3	0.2	0.4	0.4	2.1	0.02	0.05

Table 14c: Student Service and Physical Plant Operations Subprograms

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms that are described but which are not included in Table 14c, had no square footage assigned to them by institutions.

- 51 Student Service Administration.** This subprogram includes administrative activities that aid and support (excluding academic support) to the needs and interests of students.
- 52 Social and Cultural Development.** This subprogram includes activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.
- 53 Counseling and Career Guidance.** This subprogram includes formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.
- 54 Financial Aid Administration.** This subprogram includes administrative activities carried out in support of the institution's financial aid program.
- 55 Student Auxiliary Services.** This subprogram includes conveniences and services needed to maintain an on-campus, resident student body. A fee, which is related to but not necessarily equal to the cost of the service rendered, is often charged for these services.
- 56 Intercollegiate Athletics.** This subprogram includes team and individual sports activities that involve competition between two or more educational institutions.
- 57 Student Health/Medical Services.** This subprogram includes activities carried out for the specific purpose of providing health and medical services for the student body. Generally, the activities included here are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.
- 71 Physical Plant Administration.** This subprogram consists of administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification, as well as for new construction, are also included.
- 72 Building Maintenance.** This subprogram consists of activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.
- 73 Custodial Services.** This subprogram consists of activities related to custodial services in institutional buildings.
- 74 Utilities.** This subprogram consists of activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.
- 75 Landscape and Ground Maintenance.** This subprogram consists of activities related to the operation and maintenance of campus landscape and grounds.
- 76 Major Repairs and Renovations.** This subprogram consists of activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined by each institution. Expenditures that are at least 25 percent of a building's estimated replacement cost should be considered major.

Table 14c. Student Service and Physical Plant Operations Subprograms

Institution	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter- coll Athl. 56
Doctoral Universities: Very High Research Activity						
NC State	0.2	2.4	0.2	0.1	23.9	4.9
NC State Veterinary Med	0.0	0.0	0.0	0.0	1.4	0.0
UNC-Chapel Hill	0.5	2.8	0.3	0.1	32.8	9.7
UNC-Chapel Hill Hlth Aff.	0.1	0.0	0.0	0.0	0.2	0.0
Subtotal Percentage	0.3	2.2	0.2	0.1	23.7	6.0
Doctoral Universities: High Research Activity						
East Carolina	1.6	8.3	0.1	0.1	29.6	6.0
East Carolina Hlth Aff.	0.0	0.0	0.0	0.0	0.1	0.0
N.C. A&T	0.3	4.3	0.4	0.2	24.1	3.4
UNC Charlotte	0.6	7.0	0.3	0.1	38.4	3.6
UNC Greensboro	0.1	5.0	0.3	0.1	42.6	2.7
UNC Wilmington	0.8	6.7	0.1	0.0	44.5	4.3
Subtotal Percentage	0.7	6.0	0.2	0.1	34.0	3.8
Doctoral/Professional Universities						
Western Carolina	0.3	8.1	0.1	0.1	32.6	2.6
Winston-Salem	1.4	7.6	0.3	0.1	41.1	3.1
Subtotal Percentage	0.7	7.9	0.2	0.1	35.5	2.8
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	0.1	9.8	0.4	0.2	35.9	5.7
Fayetteville	0.7	7.1	0.6	0.0	31.4	3.6
NCCU	0.7	5.8	0.8	0.3	28.8	2.6
UNC Pembroke	1.3	4.1	0.0	0.2	46.8	3.3
Subtotal Percentage	0.5	7.5	0.4	0.2	35.7	4.3
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	0.2	10.7	0.5	0.2	36.5	7.0
Subtotal Percentage	0.2	10.7	0.5	0.2	36.5	7.0
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	0.8	5.7	0.5	0.2	35.1	1.9
Subtotal Percentage	0.8	5.7	0.5	0.2	35.1	1.9
Schools of Art, Music, & Design						
UNC School of the Arts	8.2	6.8	0.2	0.3	16.8	0.0
Subtotal Percentage	8.2	6.8	0.2	0.3	16.8	0.0
Teaching Hospitals						
UNC Hospitals	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal Percentage	0.0	0.0	0.0	0.0	0.0	0.0
Grand Total Percentage	0.6	4.8	0.2	0.1	29.3	4.5

Table 14c. (Continued) Student Service & Physical Plant Operations Subprograms

Institution	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Doctoral Universities: Very High Research Activity						
NC State	0.5	0.1	0.2	0.1	0.3	0.5
NC State Veterinary Med	0.0	0.0	2.0	0.2	0.8	1.1
UNC-Chapel Hill	0.5	0.2	0.6	0.2	1.0	0.5
UNC-Chapel Hill Hlth Aff.	0.0	0.0	0.0	0.1	0.0	0.0
Subtotal Percentage	0.4	0.1	0.4	0.2	0.5	0.5
Doctoral Universities: High Research Activity						
East Carolina	0.4	0.3	1.7	0.1	0.0	0.4
East Carolina Hlth Aff.	0.0	0.0	0.6	0.1	1.7	0.4
N.C. A&T	0.8	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	0.6	0.2	0.9	0.1	0.0	0.0
UNC Greensboro	0.7	0.1	0.7	0.0	0.8	0.4
UNC Wilmington	0.5	0.4	0.2	0.1	0.1	0.0
Subtotal Percentage	0.5	0.2	0.9	0.1	0.3	0.2
Doctoral/Professional Universities						
Western Carolina	0.3	1.8	0.3	0.0	0.1	0.0
Winston-Salem	0.4	0.9	0.3	0.3	0.1	0.1
Subtotal Percentage	0.3	1.5	0.3	0.1	0.1	0.1
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	0.5	0.4	0.8	0.2	0.3	0.0
Fayetteville	0.5	0.4	0.3	0.1	0.2	0.6
NCCU	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	1.5	0.7	0.1	0.1	0.5
Subtotal Percentage	0.4	0.6	0.6	0.1	0.2	0.2
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	0.6	0.0	2.0	0.0	2.0	0.0
Subtotal Percentage	0.6	0.0	2.0	0.0	2.0	0.0
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	0.4	0.5	0.4	0.0	0.1	0.0
Subtotal Percentage	0.4	0.5	0.4	0.0	0.1	0.0
Schools of Art, Music, & Design						
UNC School of the Arts	0.5	0.5	1.0	0.2	0.0	0.7
Subtotal Percentage	0.5	0.5	1.0	0.2	0.0	0.7
Teaching Hospitals						
UNC Hospitals	0.0	0.0	1.4	0.5	0.0	0.0
Subtotal Percentage	0.0	0.0	1.4	0.5	0.0	0.0
Grand Total Percentage	0.4	0.3	0.6	0.1	0.4	0.3

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Table 14d: Institutional Administration, Independent Operations, & Unassigned Programs

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

- 61 Executive Management.** This subprogram consists of executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.
- 62 Financial Management and Operations.** This subprogram consists of activities related to the day-to-day financial management and fiscal operations of the institution.
- 63 General Administration and Logistical Services.** This subprogram consists of activities related to the general administrative operations and services of the institution except for those activities related to financial operations, to administrative data processing, and to student records.
- 64 Administrative Computing Support.** This subprogram includes computer and data processing services that have been established to provide support for institution-wide administrative functions.
- 65 Faculty and Staff Auxiliary Services.** This subprogram includes support services that have been established primarily to serve the faculty and staff. A fee, which is related to but not necessarily equal to the cost of the service rendered, is often charged for these services.
- 66 Public Relations/Development.** This subprogram consists of institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.
- 67 Student Recruitment and Admissions.** This subprogram consists of activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.
- 68 Student Records.** This subprogram includes activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.
- 91 Independent Operations/Institutional.** This subprogram includes operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.
- 92 Independent Operations/External Agencies.** This subprogram includes activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.
- 01 Capable of Use.** This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.
- 02 Incapable of Use.** This subprogram is limited to rooms that are not in use at the time of the inventory since these are incapable of use. Included are rooms that are under or in need of alteration or renovation and rooms that have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) since it applies to Nonassignable area only.

**Table 14d. Institutional Administration, Independent Operations,
& Unassigned Subprograms**

Institution	Institutional Administration							
	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud't Admiss 67	Stud't Records 68
Doctoral Universities: Very High Research Activity								
NC State	0.3	0.2	2.1	0.6	0.8	0.7	0.2	0.0
NC State Veterinary Med	0.0	0.5	0.3	0.0	0.2	0.0	0.0	0.0
UNC-Chapel Hill	0.3	0.4	2.2	1.3	0.3	0.8	0.2	0.0
UNC-Chapel Hill Hlth Aff.	0.0	0.8	1.2	0.1	0.1	0.0	0.0	0.0
<i>Subtotal Percentage</i>	<i>0.3</i>	<i>0.4</i>	<i>2.0</i>	<i>0.8</i>	<i>0.5</i>	<i>0.6</i>	<i>0.2</i>	<i>0.0</i>
Doctoral Universities: High Research Activity								
East Carolina	1.5	2.2	1.9	0.8	0.3	0.3	0.1	0.1
East Carolina Hlth Aff.	0.0	1.4	0.1	0.5	0.0	0.5	0.0	0.0
N.C. A&T	0.5	0.5	8.5	0.8	0.7	0.4	0.2	0.1
UNC Charlotte	0.3	0.3	2.2	0.5	0.3	0.8	0.3	0.1
UNC Greensboro	0.4	0.3	3.8	0.8	0.8	0.9	0.2	0.1
UNC Wilmington	0.4	0.1	2.0	0.6	0.1	0.3	0.3	0.3
<i>Subtotal Percentage</i>	<i>0.6</i>	<i>0.7</i>	<i>3.1</i>	<i>0.7</i>	<i>0.4</i>	<i>0.6</i>	<i>0.2</i>	<i>0.1</i>
Doctoral/Professional Universities								
Western Carolina	0.5	0.4	11.7	0.7	2.2	0.7	0.3	0.2
Winston-Salem	0.7	1.0	2.3	0.5	1.7	0.5	0.2	0.1
<i>Subtotal Percentage</i>	<i>0.5</i>	<i>0.6</i>	<i>8.5</i>	<i>0.7</i>	<i>2.0</i>	<i>0.7</i>	<i>0.2</i>	<i>0.1</i>
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	0.5	0.7	2.4	0.3	0.5	0.6	0.3	0.2
Fayetteville	1.1	0.8	1.5	0.1	0.9	0.3	0.1	0.1
NCCU	0.7	0.4	2.4	0.7	0.7	0.4	0.1	0.1
UNC Pembroke	0.4	1.3	1.6	0.8	1.5	0.7	0.5	0.1
<i>Subtotal Percentage</i>	<i>0.6</i>	<i>0.7</i>	<i>2.1</i>	<i>0.4</i>	<i>0.8</i>	<i>0.5</i>	<i>0.2</i>	<i>0.2</i>
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	1.2	0.6	0.7	0.2	0.8	0.7	0.5	0.2
<i>Subtotal Percentage</i>	<i>1.2</i>	<i>0.6</i>	<i>0.7</i>	<i>0.2</i>	<i>0.8</i>	<i>0.7</i>	<i>0.5</i>	<i>0.2</i>
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	0.8	0.6	1.4	1.0	1.2	0.2	0.2	0.2
<i>Subtotal Percentage</i>	<i>0.8</i>	<i>0.6</i>	<i>1.4</i>	<i>1.0</i>	<i>1.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>
Schools of Art, Music, & Design								
UNC School of the Arts	1.2	0.2	5.7	0.4	1.5	1.1	0.3	0.2
<i>Subtotal Percentage</i>	<i>1.2</i>	<i>0.2</i>	<i>5.7</i>	<i>0.4</i>	<i>1.5</i>	<i>1.1</i>	<i>0.3</i>	<i>0.2</i>
Teaching Hospitals								
UNC Hospitals	0.6	3.7	4.3	1.6	0.5	0.1	0.0	0.0
<i>Subtotal Percentage</i>	<i>0.6</i>	<i>3.7</i>	<i>4.3</i>	<i>1.6</i>	<i>0.5</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>
Grand Total Percentage	0.5	0.6	3.0	0.7	0.7	0.6	0.2	0.1

**Table 14d. (Continued) Institutional Administration,
Independent Operations, & Unassigned Subprograms**

Institution	Ind. Operations		Unassigned	
	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Doctoral Universities: Very High Research Activity				
NC State	0.0	1.3	0.4	2.8
NC State Veterinary Med	0.0	0.7	1.1	0.0
UNC-Chapel Hill	0.3	0.5	1.1	0.6
UNC-Chapel Hill Hlth Aff.	1.0	1.1	1.4	0.5
Subtotal Percentage	0.2	0.9	0.8	1.6
Doctoral Universities: High Research Activity				
East Carolina	0.0	1.6	0.0	1.2
East Carolina Hlth Aff.	0.0	0.0	0.0	0.0
N.C. A&T	0.4	0.5	0.1	0.2
UNC Charlotte	0.0	0.0	0.3	1.5
UNC Greensboro	0.0	1.5	0.0	0.5
UNC Wilmington	0.4	0.8	0.0	3.0
Subtotal Percentage	0.1	0.8	0.1	1.2
Doctoral/Professional Universities				
Western Carolina	0.1	3.7	0.1	1.6
Winston-Salem	0.5	0.2	2.1	0.4
Subtotal Percentage	0.3	2.5	0.8	1.2
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	0.1	0.2	0.6	0.3
Fayetteville	0.3	1.1	0.2	0.0
NCCU	0.1	1.1	1.2	4.3
UNC Pembroke	0.0	0.0	0.0	0.0
Subtotal Percentage	0.1	0.5	0.6	1.1
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	0.0	1.1	0.0	0.0
Subtotal Percentage	0.0	1.1	0.0	0.0
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	0.0	0.0	4.4	2.1
Subtotal Percentage	0.0	0.0	4.4	2.1
Schools of Art, Music, & Design				
UNC School of the Arts	0.2	0.0	0.1	4.6
Subtotal Percentage	0.2	0.0	0.1	4.6
Teaching Hospitals				
UNC Hospitals	0.0	1.0	0.7	2.3
Subtotal Percentage	0.0	1.0	0.7	2.3
Grand Total Percentage	0.2	0.9	0.6	1.4

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Table 15: Assignable Area by Room Code

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed that includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on pages 61-62; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (7th edition). This updated manual incorporates the codes and definitions presented in the 2006 national Postsecondary Education Facilities Inventory and Classification Manual.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions due to rounding.

The chart below identifies the utilization of assignable space for 2023 by Room Use Code. Room Use Code definitions are found beginning on page 61.

Room Use Codes	All UNC Institutions 2023 (%)
Classroom (100)	4.71%
Laboratory (200)	13.59%
Office (300)	21.67%
Study (400)	5.23%
Special Use (500)	10.85%
General Use (600)	10.81%
Support (700)	4.93%
Health Care (800)	1.36%
Residential (900)	25.07%
Unclassified (000)	1.78%

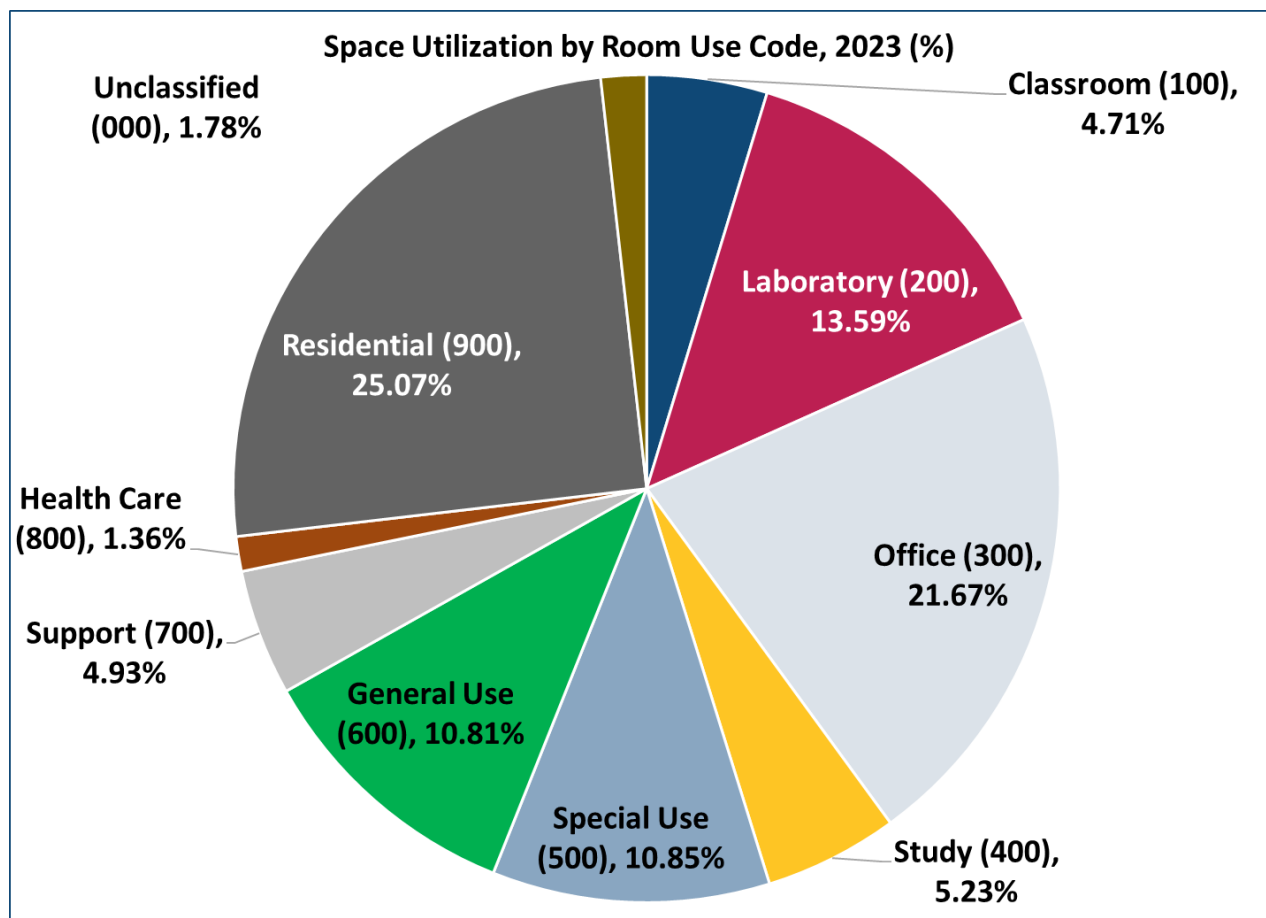


Table 15. Assignable Area by Room Codes

	Total Assignable Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
Institution		ASF	%	ASF	%	ASF	%	ASF	%
Doctoral Universities: Very High Research Activity									
NC State	9,587,968	267,600	2.8	1,675,542	17.5	1,952,090	20.4	408,897	4.3
NC State Veterinary Med	460,830	7,766	1.7	110,508	24.0	95,756	20.8	13,225	2.9
UNC-Chapel Hill	7,661,139	278,972	3.6	609,054	7.9	1,728,033	22.6	616,999	8.1
UNC-Chapel Hill Hlth Aff.	2,562,796	90,199	3.5	821,474	32.1	1,044,891	40.8	51,758	2.0
Subtotal	20,272,733	644,537		3,216,578		4,820,770		1,090,879	
Subtotal Percentage			3.2		15.9		23.8		5.4
Doctoral Universities: High Research Activity									
East Carolina	3,445,250	170,237	4.9	442,035	12.8	810,816	23.5	190,916	5.5
East Carolina Hlth Aff.	1,154,121	43,915	3.8	193,717	16.8	450,410	39.0	74,696	6.5
N.C. A&T	2,302,589	150,851	6.6	404,779	17.6	479,726	20.8	139,034	6.0
UNC Charlotte	4,127,661	247,008	6.0	579,045	14.0	959,741	23.3	227,196	5.5
UNC Greensboro	3,503,315	159,804	4.6	430,472	12.3	657,441	18.8	135,186	3.9
UNC Wilmington	2,887,775	161,060	5.6	296,617	10.3	504,394	17.5	136,070	4.7
Subtotal	17,420,711	932,875		2,346,665		3,862,528		903,098	
Subtotal Percentage			5.4		13.5		22.2		5.2
Doctoral/Professional Universities									
Western Carolina	2,121,858	99,159	4.7	229,748	10.8	362,487	17.1	153,444	7.2
Winston-Salem	1,283,686	86,812	6.8	115,958	9.0	232,556	18.1	58,950	4.6
Subtotal	3,405,544	185,971		345,706		595,043		212,394	
Subtotal Percentage			5.5		10.2		17.5		6.2
Master's Colleges & Universities: Larger/Medium Programs									
Appalachian	3,278,769	189,222	5.8	330,462	10.1	657,341	20.0	109,933	3.4
Fayetteville	919,639	56,727	6.2	93,464	10.2	206,415	22.4	68,733	7.5
NCCU	1,464,985	141,705	9.7	146,171	10.0	329,706	22.5	104,515	7.1
UNC Pembroke	1,248,150	89,344	7.2	74,727	6.0	203,547	16.3	42,626	3.4
Subtotal	6,911,543	476,998		644,824		1,397,009		325,807	
Subtotal Percentage			6.9		9.3		20.2		4.7
Baccalaureate Colleges: Arts & Sciences Focus									
UNC Asheville	964,668	42,625	4.4	123,144	12.8	165,411	17.1	54,095	5.6
Subtotal	964,668	42,625		123,144		165,411		54,095	
Subtotal Percentage			4.4		12.8		17.1		5.6
Baccalaureate Colleges: Diverse Fields									
Elizabeth City	800,719	75,594	9.4	67,582	8.4	115,559	14.4	38,577	4.8
Subtotal	800,719	75,594		67,582		115,559		38,577	
Subtotal Percentage			9.4		8.4		14.4		4.8
Schools of Art, Music, & Design									
UNC School of the Arts	859,402	46,709	5.4	199,137	23.2	114,263	13.3	49,375	5.7
Subtotal	859,402	46,709		199,137		114,263		49,375	
Subtotal Percentage			5.4		23.2		13.3		5.7
Teaching Hospitals									
UNC Hospitals	1,358,303	9,926	0.7	10,829	0.8	371,821	27.4	3,244	0.2
Subtotal	1,358,303	9,926		10,829		371,821		3,244	
Subtotal Percentage			0.7		0.8		27.4		0.2
Grand Total	51,993,623	2,415,235		6,954,465		11,442,404		2,677,469	
Grand Total Percentage			4.6		13.4		22.0		5.1

Table 15. (Continued) Assignable Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800	
	ASF	%	ASF	%	ASF	%	ASF	%
Doctoral Universities: Very High Research Activity								
NC State	1,721,732	18.0	763,908	8.0	425,219	4.4	30,633	0.3
NC State Veterinary Med	75,899	16.5	10,756	2.3	27,913	6.1	118,007	25.6
UNC-Chapel Hill	951,964	12.4	888,382	11.6	452,891	5.9	22,844	0.3
UNC-Chapel Hill Hlth Aff.	202,693	7.9	90,724	3.5	34,268	1.3	174,719	6.8
Subtotal	2,952,288		1,753,770		940,291		346,203	
Subtotal Percentage		14.6		8.7		4.6		1.7
Doctoral Universities: High Research Activity								
East Carolina	387,962	11.3	380,955	11.1	184,567	5.4	7,793	0.2
East Carolina Hlth Aff.	113,798	9.9	25,348	2.2	32,538	2.8	237,935	20.6
N.C. A&T	233,917	10.2	301,898	13.1	215,019	9.3	12,809	0.6
UNC Charlotte	218,892	5.3	482,703	11.7	61,427	1.5	8,696	0.2
UNC Greensboro	121,737	3.5	561,711	16.0	273,955	7.8	12,710	0.4
UNC Wilmington	248,343	8.6	260,373	9.0	76,089	2.6	16,392	0.6
Subtotal	1,324,649		2,012,988		843,595		296,335	
Subtotal Percentage		7.6		11.6		4.8		1.7
Doctoral/Professional Universities								
Western Carolina	194,624	9.2	314,430	14.8	340,919	16.1	15,884	0.7
Winston-Salem	101,143	7.9	151,950	11.8	42,997	3.3	4,228	0.3
Subtotal	295,767		466,380		383,916		20,112	
Subtotal Percentage		8.7		13.7		11.3		0.6
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	434,647	13.3	442,906	13.5	110,990	3.4	11,733	0.4
Fayetteville	74,636	8.1	115,285	12.5	19,413	2.1	2,319	0.3
NCCU	125,718	8.6	221,090	15.1	25,663	1.8	2,805	0.2
UNC Pembroke	106,335	8.5	142,831	11.4	56,368	4.5	7,214	0.6
Subtotal	741,336		922,112		212,434		24,071	
Subtotal Percentage		10.7		13.3		3.1		0.3
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	120,796	12.5	126,911	13.2	37,082	3.8	3,088	0.3
Subtotal	120,796		126,911		37,082		3,088	
Subtotal Percentage		12.5		13.2		3.8		0.3
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	91,449	11.4	98,401	12.3	16,998	2.1	1,574	0.2
Subtotal	91,449		98,401		16,998		1,574	
Subtotal Percentage		11.4		12.3		2.1		0.2
Schools of Art, Music, & Design								
UNC School of the Arts	18,579	2.2	144,256	16.8	84,988	9.9	3,073	0.4
Subtotal	18,579		144,256		84,988		3,073	
Subtotal Percentage		2.2		16.8		9.9		0.4
Teaching Hospitals								
UNC Hospitals	32,493	2.4	62,294	4.6	85,493	6.3	736,525	54.2
Subtotal	32,493		62,294		85,493		736,525	
Subtotal Percentage		2.4		4.6		6.3		54.2
Grand Total	5,577,357		5,587,112		2,604,797		1,430,981	
Grand Total Percentage		10.7		10.7		5.0		2.8

Table 15. (Continued) Assignable Area by Room Codes

Institution	Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%
Doctoral Universities: Very High Research Activity				
NC State	2,041,241	21.3	301,106	3.1
NC State Veterinary Med	0	0.0	4,929	1.1
UNC-Chapel Hill	1,999,468	26.1	94,849	1.2
UNC-Chapel Hill Hlth Aff.	310	0.0	47,711	1.9
Subtotal	4,041,019		448,595	
Subtotal Percentage		19.9		2.2
Doctoral Universities: High Research Activity				
East Carolina	825,721	24.0	42,663	1.2
East Carolina Hlth Aff.	0	0.0	523	0.0
N.C. A&T	425,339	18.5	5,899	0.3
UNC Charlotte	1,274,959	30.9	72,429	1.8
UNC Greensboro	1,133,013	32.3	16,591	0.5
UNC Wilmington	1,137,436	39.4	88,551	3.1
Subtotal	4,796,468		226,656	
Subtotal Percentage		27.5		1.3
Doctoral/Professional Universities				
Western Carolina	766,077	36.1	42,802	2.0
Winston-Salem	469,099	36.5	19,993	1.6
Subtotal	1,235,176		62,795	
Subtotal Percentage		36.3		1.8
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	929,877	28.4	8,599	0.3
Fayetteville	220,894	24.0	182	0.0
NCCU	324,984	22.2	82,593	5.6
UNC Pembroke	501,260	40.2	575	0.0
Subtotal	1,977,015		91,949	
Subtotal Percentage		28.6		1.3
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	295,318	30.6	0	0.0
Subtotal	295,318		0	
Subtotal Percentage		30.6		0.0
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	253,584	31.7	37,451	4.7
Subtotal	253,584		37,451	
Subtotal Percentage		31.7		4.7
Schools of Art, Music, & Design				
UNC School of the Arts	209,497	24.4	42,532	4.9
Subtotal	209,497		42,532	
Subtotal Percentage		24.4		4.9
Teaching Hospitals				
UNC Hospitals	3,785	0.3	41,893	3.1
Subtotal	3,785		41,893	
Subtotal Percentage		0.3		3.1
Grand Total	12,811,862		951,871	
Grand Total Percentage		24.6		1.8

Room Use Codes

100 Classroom Facilities

110 Classroom

115 Classroom Service

200 Laboratory Facilities

210 Class Laboratory

215 Class Laboratory Service

220 Open Laboratory

225 Open Laboratory Service

250 Research/Nonclass Laboratory

255 Research/Nonclass Laboratory Service

300 Office Facilities

310 Office

315 Office Service

350 Conference Room

355 Conference Room Service

400 Study Facilities

410 Study Room

420 Stack

430 Open-Stack Study Room

440 Processing Room

455 Study Service

500 Special Use Facilities

510 Armory

515 Armory Service

520 Athletic or Physical Education

523 Athletic Facilities Spectator Seating

525 Athletic or Physical Ed. Svc.

530 Media Production

535 Media Production Service

540 Clinic

545 Clinic Service

550 Demonstration

555 Demonstration Service

560 Field Building

570 Animal Quarters

575 Animal Quarters Service

580 Greenhouse

585 Greenhouse Service

590 Other (All Purpose)

600 General Use Facilities

610 Assembly

615 Assembly Service

620 Exhibition

625 Exhibition Service

630 Food Facility

635 Food Facility Service

640 Day Care

645 Day Care Service

650 Lounge

655 Lounge Service

660 Merchandising

665 Merchandising Service

670 Recreation

675 Recreation Service

680 Meeting Room

685 Meeting Room Service

700 Support Facilities

710 Central Computer or Telecommunications

715 Central Computer or Telecommunications Service

720 Shop

725 Shop Service

730 Central Storage

735 Central Storage Service

740 Vehicle Storage

745 Vehicle Storage Service

750 Central Service

755 Central Service Support

760 Hazardous Materials Storage

770 Hazardous Waste Storage

775 Hazardous Waste Storage Svc.

800 Health Care Facilities

810 Patient Bedroom

815 Patient Bedroom Service

820 Patient Bath

830 Nurse Station

835 Nurse Station Service

840 Surgery

845 Surgery Service

850 Treatment/Examination

855 Treatment/Examination Service

860 Diagnostic Service Laboratory

865 Diagnostic Service Laboratory Support

870 Central Supplies

880 Public Waiting

890 Staff On-Call Facility

895 Staff On-Call Facility Service

900 Residential Facilities

910 Sleep/Study without Toilet or Bath

910X Sleep/Study without Toilet or Bath

Designed and Equipped for Mobility Impaired

919 Toilet or Bath

919X Toilet or Bath Designed and Equipped for Mobility Impaired

920 Sleep/Study with Toilet or Bath

920X Sleep/Study with Toilet or Bath Designed and Equipped for Mobility Impaired

935 Sleep/Study Service

950 Apartment	000 Unclassified Facilities	013 Unisex Toilet Equipped for Mobility Impaired
950X Apartment Equipped for Mobility Impaired	010 Elevator	050 Inactive Area
955 Apartment Service	011 Men's Toilet Equipped for Mobility Impaired	060 Alteration or Conversion Area
970 House	012 Women's Toilet Equipped for Mobility Impaired	070 Unfinished Area

Table 16: Assignable Square Feet Per Student Station for Classrooms

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than ten assignable square feet to more than 30, **the University of North Carolina has adopted a standard of 18 square feet per station.**

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms that are based on the number and type of station:

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions that rely heavily on large lecture courses will generally have large numbers of stations per classroom.

Assignable Square Feet per Station Criteria			
Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 – 19	20 – 30	18	22
20 – 29	20 – 30	16	20
30 – 39	20 – 25	15	18
40 – 59	18 – 22	14	16
60 – 99	18 – 22	13	15
100 – 149	16 – 20	11	14
150 – 299	16 – 20	10	14
300 +	16 – 18	9	12

Table 16. Assignable Area Per Student Station for Classrooms

Institution	Number of Rooms	No. of Student Stations	Avg. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity									
NC State	234	14,673	63	254,951	17	17	17	17	17
NC State Veterinary Med	4	336	84	7,352	22	18	18	18	18
UNC-Chapel Hill	290	14,281	49	265,683	19	19	19	39	18
UNC-Chapel Hill Hlth Aff.	99	4,387	44	85,948	20	20	20	20	18
Subtotal	627	33,677		613,934					
Subtotal Average			54		18	18	18	23	18
Doctoral Universities: High Research Activity									
East Carolina	179	9,343	52	163,406	17	17	18	18	17
East Carolina Hlth Aff.	44	2,196	50	42,495	19	19	19	19	19
N.C. A&T	156	7,257	47	144,637	20	20	20	20	20
UNC Charlotte	224	13,030	58	237,971	18	18	18	21	18
UNC Greensboro	152	8,659	57	153,257	18	18	18	43	17
UNC Wilmington	159	7,177	45	151,659	21	21	21	44	21
Subtotal	914	47,662		893,425					
Subtotal Average			52		19	19	19	24	18
Doctoral/Professional Universities									
Western Carolina	110	4,514	41	96,011	21	21	22	53	20
Winston-Salem	93	4,002	43	83,853	21	21	21	21	20
Subtotal	203	8,516		179,864					
Subtotal Average			42		21	21	21	31	20
Master's Colleges & Universities: Larger/Medium Programs									
Appalachian	224	9,045	40	183,840	20	21	20	52	20
Fayetteville	63	2,525	40	50,964	20	20	20	20	20
NCCU	168	6,881	41	134,817	20	19	19	19	19
UNC Pembroke	108	4,215	39	86,948	21	20	21	21	22
Subtotal	563	22,666		456,569					
Subtotal Average			40		20	20	20	26	20
Baccalaureate Colleges: Arts & Sciences Focus									
UNC Asheville	51	1,632	32	39,809	24	30	29	42	22
Subtotal	51	1,632		39,809					
Subtotal Average			32		24	30	29	42	22
Baccalaureate Colleges: Diverse Fields									
Elizabeth City	89	3,349	38	70,136	21	21	21	21	21
Subtotal	89	3,349		70,136					
Subtotal Average			38		21	21	21	21	21
Schools of Art, Music, & Design									
UNC School of the Arts	64	1,579	25	46,235	29	28	28	26	26
Subtotal	64	1,579		46,235					
Subtotal Average			25		29	28	28	26	26
Grand Total	2,511	119,081		2,299,972					
Grand Total Average			47		19	19	19	25	19

Table 17: Assignable Square Feet Per Student Station for Class Laboratories

The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions that offer academic programs in such areas as agriculture, engineering, or medicine, require more class lab space per station than institutions that focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The University of North Carolina has developed ASF-per-station standards for four discipline categories of space (see Table 11-Space Standards):

Highly Intensive - 108 ASF	Engineering (including Textiles), Applied Design, Dance, and Dramatic Arts
Intensive - 70 ASF	Agriculture, Architecture, Biological Sciences, Health Professions, Library Sciences, and Physical Sciences
Moderately Intensive - 50 ASF	Communications, Computer/Information Technologies, Education, Art, Home Economics, Law, and Psychology
Non-Intensive - 33 ASF	Business, Cinematography, Music, Language, Letters, Mathematics, Public Affairs, and Social Sciences

Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Avg. Stu Sta Per Room	Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity									
NC State	222	5,714	26	233,194	41	42	42	41	40
NC State Veterinary Med	8	236	30	11,188	47	47	47	47	47
UNC-Chapel Hill	92	2,918	32	86,174	30	29	32	33	34
UNC-Chapel Hill Hlth Aff.	62	852	14	37,468	44	44	45	46	41
Subtotal	384	9,720		368,024					
Subtotal Average			25		38	38	39	39	39
Doctoral Universities: High Research Activity									
East Carolina	192	5,301	28	186,769	35	35	36	36	36
East Carolina Hlth Aff.	50	1,028	21	38,701	38	38	38	-	-
N.C. A&T	105	2,501	24	104,626	42	42	41	40	40
UNC Charlotte	125	3,855	31	147,105	38	41	41	61	41
UNC Greensboro	141	3,893	28	165,304	42	42	43	71	49
UNC Wilmington	106	2,823	27	100,568	36	38	38	64	37
Subtotal	719	19,401		743,073					
Subtotal Average			27		38	39	40	50	40
Doctoral/Professional Universities									
Western Carolina	118	2,591	22	123,434	48	47	47	55	42
Winston-Salem	79	1,581	20	70,691	45	45	45	45	37
Subtotal	197	4,172		194,125					
Subtotal Average			21		47	46	46	50	40
Master's Colleges & Universities: Larger/Medium Programs									
Appalachian	157	3,756	24	167,956	45	43	40	68	45
Fayetteville	61	1,460	24	56,427	39	38	38	38	38
NCCU	65	1,387	21	59,580	43	43	43	43	43
UNC Pembroke	58	1,450	25	44,745	31	30	30	30	40
Subtotal	341	8,053		328,708					
Subtotal Average			24		41	40	38	47	43
Baccalaureate Colleges: Arts & Sciences Focus									
UNC Asheville	19	426	22	15,750	37	39	39	48	52
Subtotal	19	426		15,750					
Subtotal Average			22		37	39	39	48	52
Baccalaureate Colleges: Diverse Fields									
Elizabeth City	66	1,451	22	50,119	35	35	34	35	35
Subtotal	66	1,451		50,119					
Subtotal Average			22		35	35	34	35	35
Schools of Art, Music, & Design									
UNC School of the Arts	73	2,056	28	83,533	41	42	44	44	44
Subtotal	73	2,056		83,533					
Subtotal Average			28		41	42	44	44	44
Grand Total	1,799	45,279		1,783,332					
Grand Total Average			25		39	40	40	46	40



'The Rocks' Residence Halls

Western Carolina University

The addition of three new residence halls at Western Carolina University has given the campus more than 900 beds with a style that fits beautifully into this scenic mountain region. The new buildings have a contemporary lodge feel. They're also named for summits in the area to reflect Western Carolina's heritage – Shining Rock (seen above), named for a white-quartz topped mountain in the Great Balsam Mountains; Black Rock, named for a mountain in the Plott Balsams; and Water Rock, named for Waterrock Knob, one of the highest points on the Blue Ridge Parkway. The residence halls opened in 2022, replacing two aging buildings, and giving the Catamounts peak living spaces.

Building Characteristics

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Table 18: Ownership of Buildings

Many campus buildings are not owned by the institutions that use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under the eight ownership categories shown below.

DAVE Building Ownership Types								
Notes	Code	Type	Manual Explanation	New Notes to Manual	Site Types Allowed	Campus-specific Site Examples		
	1	Owned	Owned in fee simple.	Can be used for sites	1-UNC	UNC-CH's MAHEC site	App State Hickory Campus	
	2	Title Vested In Institution	Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.	Can be used for sites (rare)	1-UNC			
	3	Title Vested In Holding Company	Title vested in a holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements). This would be the category used to report Foundation-built dormitories.	Can be used for sites (rare)	1-UNC			
	4	Not Owned, Leased or Rented	Not owned by the institution, but leased or rented to the institution at a typical local rate.	Can be used for sites	1-UNC, 3-Other Institution/educational site or 4-Other	WCU's Biltmore Park site would be 4 Other		
A	5	Not Owned, Foundation/Associated Entity/Endowment Owned	Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.	Can be used for sites (what App State Hickory Campus was when Endowment owned prior to University purchase)	1-UNC			
B	6	Not Owned, Shared with Non Postsecondary Ed	Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.	Only used for sites; Elementary, Jr/Sr Highschool locations, etc.	3-Other Institution/educational site	UNCC's Mallard Creek High School site		
	7	Not Owned, Shared with another Postsecondary Ed	Not owned by the institution, but shared with another postsecondary educational institution.	Only used for sites; Community Colleges, each other's campus', and others	1-UNC OR 2-NCCCS OR 3-Other Institution/educational site	UNC-CH's University of Bremen site	NCCU's Wake Tech site	UNCA's use of UNC-CH's MAHEC site
	8	Other	Other (e.g., not owned by the institution, but shared with a noneducational Institution).	Default to use for sites if not one of the other types 1-7	4-Other	App State's ski slope class site	UNC-CH's Rizzo Center	FSU's Fort Liberty site
Footnotes:								
A	Slightly amended definition/wording for this type.							
B	Site types 6-8 will need "virtual" building and room information. Validations have been "relaxed" for these Ownership Types in the Buildings and Rooms Tables so only essential information is required.							

Ownership for institutions of the University of North Carolina System represents ownership by the State of North Carolina.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not due to rounding.

Table 18. Ownership of Buildings

Institution	1 Owned			2 Institution Amortization			3 Holding Co. Amortization		
	GSF	Bldg	%	GSF	Bldg	%	GSF	Bldg	%
Doctoral Universities: Very High Research Activity									
NC State ***	13,274,081	939	77.2	3,035,042	50	17.7			0.0
NC State Veterinary Med	658,778	44	72.4	229,495	2	25.2			0.0
UNC-Chapel Hill ***	13,611,783	351	98.2			0.0	68,760	1	0.5
UNC-Chapel Hill Health Aff.**	6,272,040	81	87.4	537,875	1	7.5	128,275	1	1.8
Subtotal	33,816,682	1,415		3,802,412	53		197,035	2	
Subtotal Percentage			86.4			9.7			0.5
Doctoral Universities: High Research Activity									
East Carolina	5,473,977	147	94.6	4,350	1	0.1	2,800	1	0.05
East Carolina Hlth Aff.	1,605,464	29	82.5	4,775	1	0.2			0.0
N.C. A&T	3,323,237	117	95.8			0.0			0.0
UNC Charlotte	5,045,104	77	49.9	4,920,833	31	48.7	137,999	14	1.4
UNC-Greensboro**	3,858,703	86	56.3	2,805,175	40	41.0	29,296	4	0.4
UNC Wilmington	3,456,612	130	69.0	791,130	11	15.8	738,804	20	14.7
Subtotal	22,763,097	586		8,526,263	84		908,899	39	
Subtotal Percentage			68.6			25.7			2.7
Doctoral/Professional Universities									
Western Carolina	2,575,236	81	65.7	626,114	10	16.0	666,877	13	17.0
Winston-Salem	1,358,754	30	67.8	128,194	5	6.4	441,407	8	22.0
Subtotal	3,933,990	111		754,308	15		1,108,284	21	
Subtotal Percentage			66.4			12.7			18.7
Master's Colleges & Universities: Larger/Medium Programs									
Appalachian	3,795,091	88	66.7	1,307,999	21	23.0	431,166	3	7.6
Fayetteville	1,137,877	54	89.4	134,292	2	10.6			0.0
NCCU	2,230,552	45	88.9	191,904	3	7.6	86,499	1	3.4
UNC Pembroke	1,227,790	39	68.0			0.0			0.0
Subtotal	8,391,310	226		1,634,195	26		517,665	4	
Subtotal Percentage			74.4			14.5			4.6
Baccalaureate Colleges: Arts & Sciences Focus									
UNC Asheville	1,282,573	36	74.9	417,933	14	24.4			0.0
Subtotal	1,282,573	36		417,933	14		0	0	
Subtotal Percentage			74.9			24.4			0.0
Baccalaureate Colleges: Diverse Fields									
Elizabeth City	1,048,778	42	87.8			0.0	145,678	1	12.2
Subtotal	1,048,778	42		0	0		145,678	1	
Subtotal Percentage			87.8			0.0			12.2
Schools of Art, Music, & Design									
UNC School of the Arts	1,260,888	55	87.1	77,150	1	5.3	80,440	2	5.6
Subtotal	1,260,888	55		77,150	1		80,440	2	
Subtotal Percentage			87.1			5.3			5.6
Teaching Hospitals									
UNC Hospitals**	2,379,893	21	98.7			0.0			0.0
Subtotal	2,379,893	21		0	0		0	0	
Subtotal Percentage			98.7			0.0			0.0
Grand Total	74,877,211	2,492		15,212,261	193		2,958,001	69	
Grand Total Percentage			77.8			15.8			3.1

** Other is Category 7; *** Other is Category 8.

Table 18. (Continued) Ownership of Buildings

Institution	4 Leased or Rented			5 Nominal Rate			Other			Total Gross Sq. Ft.	
	GSF	Bldg	%	GSF	Bldg	%	GSF	Bldg	%	GSF	Bldg
Doctoral Universities: Very High Research Activity											
NC State ***	671,649	32	3.9	204,963	44	1.2	5,648	4	0.03	17,191,383	1,069
NC State Veterinary Med	21,143	1	2.3			0.0			0.0	909,416	47
UNC-Chapel Hill ***	157,014	13	1.1	12,549	1	0.1	10,287	1	0.1	13,860,393	367
UNC-Chapel Hill Health Aff. **	236,639	27	3.3			0.0			0.0	7,174,829	110
Subtotal	1,086,445	73		217,512	45		15,935	5		39,136,021	1,593
Subtotal Percentage			2.8			0.6			0.04		
Doctoral Universities: High Research Activity											
East Carolina	174,279	11	3.0	36,060	7	0.6	95,460	2	1.6	5,786,926	169
East Carolina Hlth Aff.	291,459	16	15.0	3,593	5	0.2	40,135	2	2.1	1,945,426	53
N.C. A&T	54,007	3	1.6			0.0	92,337	1	2.7	3,469,581	121
UNC Charlotte			0.0			0.0			0.0	10,103,936	122
UNC-Greensboro**	69,086	10	1.0	4,893	1	0.1	80,718	6	1.2	6,847,871	147
UNC Wilmington	22,389	6	0.4	0	0	0.0	0	0	0.0	5,008,935	167
Subtotal	611,220	46		44,546	13		308,650	11		33,162,675	779
Subtotal Percentage			1.8			0.1			0.93		
Doctoral/Professional Universities											
Western Carolina	47,815	4	1.2			0.0	1,680	1	0.04	3,917,722	109
Winston-Salem	74,668	7	3.7			0.0			0.0	2,003,023	50
Subtotal	122,483	11		0	0		1,680	1		5,920,745	159
Subtotal Percentage			0.0			0.0			0.03		
Master's Colleges & Universities: Larger/Medium Programs											
Appalachian	144,536	6	2.5	11,682	2	0.2	2,364	1	0.0	5,692,838	121
Fayetteville			0.0			0.0			0.0	1,272,169	56
NCCU			0.0			0.0			0.0	2,508,955	49
UNC Pembroke			0.0			0.0	576,953	14	32.0	1,804,743	53
Subtotal	144,536	6		11,682	2		579,317	15		11,278,705	279
Subtotal Percentage			0.0			0.1			5.14		
Baccalaureate Colleges: Arts & Sciences Focus											
UNC Asheville	11,575	1	0.7			0.0			0.0	1,712,081	51
Subtotal	11,575	1		0	0		0	0		1,712,081	51
Subtotal Percentage			0.7			0.0			0.00		
Baccalaureate Colleges: Diverse Fields											
Elizabeth City			0.0			0.0			0.0	1,194,456	43
Subtotal	0	0		0	0		0	0		1,194,456	43
Subtotal Percentage			0.0			0.0			0.00		
Schools of Art, Music, & Design											
UNC School of the Arts	2,760	1	0.2	11,053	1	0.8	15,700	1	1.1	1,447,991	61
Subtotal	2,760	1		11,053	1		15,700	1		1,447,991	61
Subtotal Percentage			0.2			0.8			1.08		
Teaching Hospitals											
UNC Hospitals**	31,928	3	1.3			0.0			0.0	2,411,821	24
Subtotal	31,928	3		0	0		0	0		2,411,821	24
Subtotal Percentage			1.3			0.0			0.00		
Grand Total	2,010,947	141		284,793	61		921,282	33		96,264,495	2,989
Grand Total Percentage			2.1			0.3			0.96		

** Other is Category 7; *** Other is Category 8.

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Tables 19 & 20: Capital Investment in Buildings

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility that is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings that are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space, which is designed for the same use as the original building, and which meets all of the current commonly accepted standards of construction. For institutional buildings that were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

Annual Year	Annual Increase	Annual Year	Annual Increase	Annual Year	Annual Increase
2006	9.20%	2012	5.50%	2018	5.20%
2007	2.60%	2013	4.20%	2019	3.20%
2008	7.60%	2014	3.90%	2020	0.50%
2009	-3.70%	2015	2.10%	2021	14.20%
2010	0.80%	2016	2.60%	2022	14.70%
2011	5.90%	2017	2.70%	2023	-3.80%

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology like the Dodge report, has been used to construct this index. Factors calculated from the Means publication are derived by computing an average of the construction cost increases for Asheville, Charlotte, Durham, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. The following are the factors that have been used to increase the estimated replacement values each year. The construction cost factor reported by R.S. Means reflected a negative multiplier for the 2009 building replacement costs. This decrease in building values reflected the devaluation of property both nationally and across North Carolina during the economic downturn. Following two periods of double-digit increases in 2021 (14.2 percent) and 2022 (14.7 percent), a decrease of -3.8 percent is shown in 2023.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in table 20. Institutions with combination buildings include ECU 1, NCSU 5, UNC-CH Health Affairs 2, UNCP 1, WCU 1, and WSSU 1.

Table 19 Non-Residential Capital Investment

Institution	Non-Residential Buildings			
	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Doctoral Universities: Very High Research Activity				
NC State	922	\$1,214,920,369	\$5,963,510,007	13,766,775
NC State Veterinary Med	47	110,444,340	464,676,093	909,416
UNC-Chapel Hill	291	1,265,958,618	4,744,185,150	10,148,911
UNC-Chapel Hill Hlth Aff.	108	743,546,065	2,703,576,945	7,171,993
Subtotal	1,368	\$3,334,869,392	\$13,875,948,195	31,997,095
Doctoral Universities: High Research Activity				
East Carolina	150	\$544,128,088	\$1,967,000,917	4,434,505
East Carolina Hlth Aff.	53	278,711,905	796,263,660	1,945,426
NC A&T	107	299,761,386	1,280,720,466	2,881,954
UNC Charlotte	88	954,652,060	2,333,479,022	7,883,285
UNC Greensboro	117	480,399,031	2,594,129,470	4,661,989
UNC Wilmington	125	487,969,366	1,082,302,035	3,377,772
Subtotal	640	\$3,045,621,836	\$10,053,895,570	25,184,931
Doctoral/Professional Universities				
Western Carolina	73	294,683,546	782,410,132	2,526,681
Winston-Salem	35	150,930,719	430,875,896	1,254,188
Subtotal	108	\$445,614,265	\$1,213,286,028	3,780,869
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	100	\$631,992,927	\$2,015,128,413	4,228,003
Fayetteville	40	110,165,819	345,262,412	1,064,236
NC Central	45	259,735,812	932,209,007	1,714,432
UNC Pembroke	38	155,843,047	480,659,255	1,103,386
Subtotal	223	\$1,157,737,605	\$3,773,259,087	8,110,057
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	30	\$136,269,920	\$498,034,555	1,181,603
Subtotal	30	\$136,269,920	\$498,034,555	1,181,603
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	35	\$85,750,915	\$333,251,911	805,898
Subtotal	35	\$85,750,915	\$333,251,911	805,898
Schools of Art, Music, & Design				
UNC School of the Arts	47	\$105,521,127	\$338,640,598	1,134,700
Subtotal	47	\$105,521,127	\$338,640,598	1,134,700
Teaching Hospitals				
UNC Hospitals	30	\$151,744,106	\$1,227,208,497	2,499,249
Subtotal	30	\$151,744,106	\$1,227,208,497	2,499,249
Grand Total	2,481	\$8,463,129,166	\$31,313,524,441	74,694,402

Table 20 Residential Capital Investment

Institution	Residential Buildings			
	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Doctoral Universities: Very High Research Activity				
NC State	147	252,173,405	1,066,269,303	3,424,608
NC State Veterinary Med	0	0	0	0
UNC-Chapel Hill	76	336,878,341	1,008,396,796	3,711,482
UNC-Chapel Hill Hlth Aff.	2	31,500	949,398	2,836
Subtotal	225	\$589,083,246	\$2,075,615,497	7,138,926
Doctoral Universities: High Research Activity				
East Carolina	19	\$102,496,136	\$422,175,067	1,352,421
East Carolina Hlth Aff.	0	0	0	0
NC A&T	14	29,173,424	196,796,632	587,627
UNC Charlotte	34	289,719,444	616,602,747	2,220,651
UNC Greensboro	30	170,219,604	1,070,536,106	2,185,882
UNC Wilmington	42	255,922,025	482,718,751	1,631,163
Subtotal	139	\$847,530,633	\$2,788,829,303	7,977,744
Master's (Comprehensive) Universities & Colleges I				
Western Carolina	36	252,928,344	450,322,987	1,391,041
Winston-Salem	15	92,053,235	211,108,820	748,835
Subtotal	51	\$344,981,579	\$661,431,807	2,139,876
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	21	\$275,235,291	\$679,662,955	1,464,835
Fayetteville	9	27,407,381	86,675,411	352,044
NC Central	11	60,463,229	265,460,081	650,412
UNC Pembroke	15	10,309,198	166,357,666	701,357
Subtotal	56	\$373,415,099	\$1,198,156,113	3,168,648
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	21	\$86,308,807	\$213,267,460	530,478
Subtotal	21	\$86,308,807	\$213,267,460	530,478
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	8	\$33,992,578	\$90,053,893	388,558
Subtotal	8	\$33,992,578	\$90,053,893	388,558
Schools of Art, Music, & Design				
UNC School of the Arts	14	\$47,279,657	\$78,175,339	313,291
Subtotal	14	\$47,279,657	\$78,175,339	313,291
Teaching Hospitals				
UNC Hospitals	-	-	-	-
Subtotal	0	\$0	\$0	0
Grand Total	514	\$2,322,591,599	\$7,105,529,412	21,657,521

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Table 21: Age of Buildings

This table reports the total gross square footage of UNC System universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indications of how new an institution's facilities are, it does not consider renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

Table 21. Age of Buildings

Institution	Total All Buildings		60+		51-60 Years (1972-1963)		40-50 Years (1983-1973)	
	Bldgs	GSF	Bldgs	GSF	Bldgs	GSF	Bldgs	GSF
Doctoral Universities: Very High Research Activity								
NC State	1,069	17,191,383	229	4,279,133	156	2,317,068	158	1,995,348
NC State Veterinary Med	47	909,416	6	40,968	2	15,728	12	372,748
UNC-Chapel Hill	367	13,860,393	96	3,568,494	47	1,757,200	26	1,104,178
UNC-Chapel Hill Hlth Aff.	110	7,174,829	13	666,734	10	510,876	10	1,130,350
Subtotal	1,593	39,136,021	344	8,555,329	215	4,600,872	206	4,602,624
Doctoral Universities: High Research Activity								
East Carolina	169	5,786,926	60	1,645,526	31	1,397,731	17	399,115
East Carolina Hlth Aff.	53	1,945,426	2	13,276	6	35,060	7	609,800
N.C. A&T	121	3,469,581	40	945,622	13	324,982	18	502,958
UNC Charlotte	122	10,103,936	2	61,272	14	1,026,400	15	794,223
UNC Greensboro	147	6,847,871	50	1,706,670	22	671,797	12	641,038
UNC Wilmington	167	5,008,935	10	127,058	12	308,937	13	501,974
Subtotal	779	33,162,675	164	4,499,424	98	3,764,907	82	3,449,108
Doctoral/Professional Universities								
Western Carolina	109	3,917,722	36	748,319	15	507,334	14	386,430
Winston-Salem	50	2,003,023	11	262,571	4	138,092	7	336,181
Subtotal	159	5,920,745	47	1,010,890	19	645,426	21	722,611
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	121	5,692,838	18	518,047	24	1,254,905	17	509,930
Fayetteville	49	1,416,280	14	232,311	9	272,413	13	268,717
NCCU	56	2,364,844	25	560,714	6	256,635	8	334,467
UNC Pembroke	53	1,804,743	7	152,500	14	428,784	6	165,293
Subtotal	279	11,278,705	64	1,463,572	53	2,212,737	44	1,278,407
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	51	1,712,081	2	109,607	12	254,625	7	168,449
Subtotal	51	1,712,081	2	109,607	12	254,625	7	168,449
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	43	1,194,456	12	195,526	4	85,720	11	243,827
Subtotal	43	1,194,456	12	195,526	4	85,720	11	243,827
Schools of Art, Music, & Design								
UNC School of the Arts	61	1,447,991	23	373,262	11	116,562	2	108,243
Subtotal	61	1,447,991	23	373,262	11	116,562	2	108,243
Teaching Hospitals								
UNC Hospitals	30	2,499,249	9	379,460	4	376,359	4	204,982
Subtotal	30	2,499,249	9	379,460	4	376,359	4	204,982
Grand Total	2,995	96,351,923	665	16,587,070	416	12,057,208	377	10,778,251

Table 21. (Continued) Age of Buildings

Institution	20-39 Years (2003-1984)		10-19 Years (2013-2004)		<10 Years (2023-2014)	
	Bldgs	GSF	Bldgs	GSF	Bldgs	GSF
Doctoral Universities: Very High Research Activity						
NC State	305	3,422,017	140	4,003,382	81	1,174,435
NC State Veterinary Med	14	13,702	5	417,264	8	49,006
UNC-Chapel Hill	75	2,621,469	98	4,251,645	25	557,407
UNC-Chapel Hill Hlth Aff.	42	3,198,183	22	1,063,049	13	605,637
Subtotal	436	9,255,371	265	9,735,340	127	2,386,485
Doctoral Universities: High Research Activity						
East Carolina	23	899,028	21	440,008	17	1,005,518
East Carolina Hlth Aff.	14	184,841	13	985,248	11	117,201
N.C. A&T	16	521,031	29	843,495	5	331,493
UNC Charlotte	24	2,554,448	51	4,522,985	16	1,144,608
UNC Greensboro	23	1,824,998	25	1,269,333	15	734,035
UNC Wilmington	59	1,217,727	48	1,667,579	25	1,185,660
Subtotal	159	7,202,073	187	9,728,648	89	4,518,515
Doctoral/Professional Universities						
Western Carolina	13	271,230	21	1,000,293	10	1,004,116
Winston-Salem	12	496,613	12	529,465	4	240,101
Subtotal	25	767,843	33	1,529,758	14	1,244,217
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	30	1,400,328	19	1,174,414	13	835,214
Fayetteville	8	327,945	5	314,894	0	0
NCCU	7	465,749	8	564,842	2	182,437
UNC Pembroke	5	338,735	16	573,584	5	145,847
Subtotal	50	2,532,757	48	2,627,734	20	1,163,498
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	15	599,995	8	461,350	7	118,055
Subtotal	15	599,995	8	461,350	7	118,055
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	9	254,037	7	415,346	0	0
Subtotal	9	254,037	7	415,346	0	0
Schools of Art, Music, & Design						
UNC School of the Arts	12	267,275	6	144,717	7	437,932
Subtotal	12	267,275	6	144,717	7	437,932
Teaching Hospitals						
UNC Hospitals	9	1,089,395	4	449,053	0	0
Subtotal	9	1,089,395	4	449,053	0	0
Grand Total	715	21,968,746	558	25,091,946	264	9,868,702

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Table 22: Condition of Buildings

The physical condition of campus buildings has been a matter of increasing concern to university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s and 1990s. As a result, some universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing new construction costs have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions under the Facilities Condition Assessment Program, described below. In addition, an assessment of building conditions by the facilities project officers at the institutions is reported within the building inventory file. Although few of them are architects or engineers, facilities project officers generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

FCAP: Facilities Maintenance and Repair Needs

The Facilities Condition Assessment Program (FCAP), a recurring study of the condition of facilities over 3,000 GSF for state buildings including the institutions of the University of North Carolina, provides a dollar estimate of deferred maintenance and repairs for buildings and other assets. This study is conducted by the State Construction Office (SCO), a division of the North Carolina Department of Administration, on a three to five-year cycle for the UNC institutions. The FCAP methodology is not intended to quantify needed or desired improvements that go beyond the original design functionality, but to identify an order of magnitude needed for repairs statewide. For example, if the air-conditioning system in each facility is not performing adequately because of a faulty chiller, the cost of required repairs would be reflected in FCAP. However, if the building lacked air-conditioning altogether when originally built, despite the need for it to meet contemporary standards for classroom instruction, the cost of retrofitting air-conditioning would not be reflected in FCAP, since it was not called for in the original design. FCAP was not intended to identify deficiencies related to current standards of quality or suitability of space for current program purposes.

BUILDING CONDITION CODES (Building Inventory File)

Building condition indicates the physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development and reporting. Building condition is classified using the following categories:

- 1 - Satisfactory** - Suitable for continued use with normal maintenance.
- 2 - Remodeling A** - Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25 percent of the estimated replacement cost of the building.
- 3 - Remodeling B** - Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25 percent, but not greater than 50 percent of the estimated replacement cost of the building.
- 4 - Remodeling C** - Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50 percent of the replacement cost of the building.
- 5 - Demolition** - Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. This category takes precedence over categories 1-4. If a building is scheduled for demolition, its condition code is recorded as "5-Demolition," regardless of its condition.
- 6 - Termination - Planned termination or relinquishment of occupancy of the building for reasons other than unsafe or structural unsoundness**, such as abandonment of temporary units or vacating of leased space. This category takes precedence over categories 1-4. If a building is scheduled for termination, its condition code is recorded as "6-Termination," regardless of its condition.

Table 22. Condition of Buildings: Gross Square Footage

Institution	Satisfactory			Remodeling A			Remodeling B			Remodeling C		
	GSF	Bldg	%	GSF	Bldg	%	GSF	Bldg	%	GSF	Bldg	%
Doctoral Universities: Very High Research Activity												
NC State	7,199,742	583	41.9	4,264,366	217	24.8	4,134,195	145	24.0	1,506,752	107	8.8
NC State Veterinary Med	360,314	9	39.6	107,758	7	11.8	441,344	31	48.5			0.0
UNC-Chapel Hill	901,386	25	6.5	7,828,116	203	56.5	3,251,999	55	23.5	1,783,913	66	12.9
UNC-Chapel Hill Hlth Aff.	1,691,567	30	23.6	3,948,597	44	55.0	1,058,928	19	14.8	475,737	17	6.6
Subtotal	10,153,009	647		16,148,837	471		8,886,466	250		3,766,402	190	
Subtotal Percentage			25.9			41.3			22.7			9.6
Doctoral Universities: High Research Activity												
East Carolina	3,778,005	92	65.3	974,001	31	16.8	416,286	24	7.2	605,165	18	10.5
East Carolina Hlth Aff.	1,152,062	29	59.2	242,949	12	12.5	42,317	7	2.2	508,098	5	26.1
N.C. A&T	1,611,113	64	46.4	410,281	16	11.8	471,570	14	13.6	916,987	25	26.4
UNC Charlotte	3,415,441	18	33.8	3,616,229	56	35.8	1,226,127	25	12.1	1,836,880	22	18.2
UNC Greensboro	3,383,045	60	49.4	2,523,708	55	36.9	664,696	15	9.7	262,240	14	3.8
UNC Wilmington	5,001,519	165	99.9	5,066	1	0.1			0.0	2,350	1	0.05
Subtotal	18,341,185	428		7,772,234	171		2,820,996	85		4,131,720	85	
Subtotal Percentage			55.3			23.4			8.5			12.5
Doctoral/Professional Universities												
Western Carolina	2,995,472	73	76.5	731,031	23	18.7	156,405	9	4.0	34,814	4	0.9
Winston-Salem	1,320,026	29	65.9	517,748	12	25.8	89,733	6	4.5	75,516	3	3.8
Subtotal	4,315,498	102		1,248,779	35		246,138	15		110,330	7	
Subtotal Percentage			72.9			21.1			4.2			1.9
Master's Colleges & Universities: Larger/Medium Programs												
Appalachian	2,631,313	52	46.2	1,616,915	40	28.4	1,187,876	20	20.9	232,337	6	4.1
Fayetteville	196,605	3	13.9	599,316	23	42.3	410,793	9	29.0	168,589	12	11.9
NCCU	2,148,905	46	90.9	85,492	6	3.6	128,447	3	5.4			0.0
UNC Pembroke	173,111	3	9.6	186,994	10	10.4	977,109	22	54.1	310,453	10	17.2
Subtotal	5,149,934	104		2,488,717	79		2,704,225	54		711,379	28	
Subtotal Percentage			45.7			22.1			24.0			6.3
Baccalaureate Colleges: Arts & Sciences Focus												
UNC Asheville	674,514	24	39.4	520,833	12	30.4	156,358	4	9.1	360,376	11	21.0
Subtotal	674,514	24		520,833	12		156,358	4		360,376	11	
Subtotal Percentage			39.4			30.4			9.1			21.0
Baccalaureate Colleges: Diverse Fields												
Elizabeth City	782,450	26	65.5	226,441	10	19.0	85,200	4	7.1	91,482	2	7.7
Subtotal	782,450	26		226,441	10		85,200	4		91,482	2	
Subtotal Percentage			65.5			19.0			7.1			7.7
Schools of Art, Music, & Design												
UNC School of the Arts	1,169,378	41	80.8	212,096	10	14.6	10,605	3	0.7	50,084	3	3.5
Subtotal	1,169,378	41		212,096	10		10,605	3		50,084	3	
Subtotal Percentage			80.8			14.6			0.7			3.5
Teaching Hospitals												
UNC Hospitals	2,499,249	30	100	0	0	0.0	0	0	0.0	0	0	0.0
Subtotal	2,499,249	30		0	0		0	0		0	0	
Subtotal Percentage			100			0.0			0.0			0.0
Grand Total	43,085,217	1,402		28,617,937	788		14,909,988	415		9,221,773	326	
Grand Total Percentage			44.7			29.7			15.5			9.6

Table 22. (Continued) Condition of Buildings: Gross Square Footage

Institution	Demolition			Termination			Total Gross Square Feet	
	GSF	Bldg	%	GSF	Bldg	%	GSF	Bldg
Doctoral Universities: Very High Research Activity								
NC State	84,604	16	0.5	1,724	1	0.01	17,191,383	1,069
NC State Veterinary Med	0	0	0.0	0	0	0.0	909,416	47
UNC-Chapel Hill	94,979	18	0.7	0	0	0.0	13,860,393	367
UNC-Chapel Hill Hlth Aff.	0	0	0.0	0	0	0.0	7,174,829	110
Subtotal	179,583	34		1,724	1		39,136,021	1,593
Subtotal Percentage			0.5			0.004		
Doctoral Universities: High Research Activity								
East Carolina	11,030	3	0.2	2,439	1	0.04	5,786,926	169
East Carolina Hlth Aff.	0	0	0.0	0	0	0.0	1,945,426	53
N.C. A&T	2,806	1	0.1	56,824	1	1.6	3,469,581	121
UNC Charlotte	9,259	1	0.1	0	0	0.0	10,103,936	122
UNC Greensboro	14,182	3	0.2	0	0	0.0	6,847,871	147
UNC Wilmington	0	0	0.0	0	0	0.0	5,008,935	167
Subtotal	37,277	8		59,263	2		33,162,675	779
Subtotal Percentage			0.1			0.2		
Doctoral/Professional Universities								
Western Carolina	0	0	0.0	0	0	0.0	3,917,722	109
Winston-Salem	0	0	0.0	0	0	0.0	2,003,023	50
Subtotal	0	0		0	0		5,920,745	159
Subtotal Percentage			0.0			0.0		
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	17,387	2	0.3	7,010	1	0.1	5,692,838	121
Fayetteville	40,977	2	2.9	0	0	0.0	1,416,280	49
NCCU	2,000	1	0.1	0	0	0.0	2,364,844	56
UNC Pembroke	44,516	2	2.5	112,560	6	6.2	1,804,743	53
Subtotal	104,880	7		119,570	7		11,278,705	279
Subtotal Percentage			0.9			1.1		
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	0	0	0.0	0	0	0.0	1,712,081	51
Subtotal	0	0		0	0		1,712,081	51
Subtotal Percentage			0.0			0.0		
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	8,883	1	0.7	0	0	0.0	1,194,456	43
Subtotal	8,883	1		0	0		1,194,456	43
Subtotal Percentage			0.7			0.0		
Schools of Art, Music, & Design								
UNC School of the Arts	5,828	4	0.4	0	0	0.0	1,447,991	61
Subtotal	5,828	4		0	0		1,447,991	61
Subtotal Percentage			0.4			0.0		
Teaching Hospitals								
UNC Hospitals	0	0	0.0	0	0	0.0	2,499,249	30
Subtotal	0	0		0	0		2,499,249	30
Subtotal Percentage			0.0			0.0		
Grand Total	336,451	54		180,557	10		96,351,923	2,995
Grand Total Percentage			0.3			0.2		

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Table 23: Estimated Cost to Renovate or Replace Unsatisfactory Facilities

The common practice of deferring standard maintenance of university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities was estimated in 1989 at over \$60 billion. * That figure is generally considered to be significantly higher today.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings, which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by insufficient quantities of space required to meet programmatic needs.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

<u>Condition</u>	<u>Cost Midpoint</u>
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in “Remodeling A” condition has an estimated replacement value of \$1,000,000, the cost to bring it to satisfactory condition would be estimated to be \$200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table. The Facilities Condition Assessment Program (FCAP), conducted by the State Construction Office, a division of the North Carolina Department of Administration, provides more precise dollar deficiency figures for campus buildings over 3,000 GSF (see pages 120 and 124).

**Association of Physical Plant Administrators of Universities and Colleges. The Decaying American Campus: A Ticking Time Bomb, 1989.*

RELATIVE INCREASES IN CONSTRUCTION COSTS

Since building cost represents an institution's capital investment in a facility, only buildings that are owned by the institution (i.e., those falling under ownership categories 1-3 on page 69) are included in calculating total cost. Replacement value, on the other hand, reflects all buildings on an institution's campus, regardless of their ownership status.

The condition and cost of replacing or renovating facilities are important components in weighing capital planning decisions. Renovation may be a cost-effective alternative to new construction, especially where poor condition limits the use of existing space. If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average \$399 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .546. This means that new construction

costs are approximately \$730 per assignable square foot. Thus, every assignable square foot created through a renovation can be viewed as saving the institution \$730 in new construction costs.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$
$$\text{CONSTRUCTION COST/ASF} = \frac{\$399}{.546} = \$730$$

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in table 20. Institutions with combination buildings include NCSU 5, UNC-CH Health Affairs 2, ECU 1, WCU 1, WSSU, 1 and UNCP 1.

Table 23. Estimated Cost to Renovate or Replace Less Than Satisfactory Facilities

Institution	Total Number of Facilities	Original Building Cost	Estimated Replacement Cost	Number of Less Than Satisfactory Facilities	GSF of Less Than Satisfactory Facilities	Estimated Cost of Restoring Facilities to Satisfactory Condition
Doctoral Universities: Very High Research Activity						
NC State	1,069	\$1,467,093,774	\$7,029,779,310	486	9,991,641	\$1,556,311,247
NC State Veterinary Med	47	110,444,340	464,676,093	38	549,102	111,331,083
UNC-Chapel Hill	367	1,602,836,959	5,752,581,946	342	12,959,007	1,652,379,116
UNC-Chapel Hill Hlth Aff.	110	743,577,565	2,704,526,343	80	5,483,262	618,542,459
Subtotal	1,593	\$3,923,952,638	\$15,951,563,692	946	28,983,012	\$3,938,563,904
Doctoral Universities: High Research Activity						
East Carolina	169	\$646,624,224	\$2,389,175,984	77	2,008,921	\$318,649,848
East Carolina Hlth Aff.	53	278,711,905	796,263,660	24	793,364	157,206,859
NC A&T	121	328,934,810	1,477,517,098	57	1,858,468	431,619,598
UNC Charlotte	122	1,244,371,504	2,950,081,769	104	6,688,495	972,259,004
UNC Greensboro	147	650,618,635	3,664,665,576	87	3,464,826	556,950,570
UNC Wilmington	167	743,891,391	1,565,020,786	2	7,416	314,884
Subtotal	779	\$3,893,152,469	\$12,842,724,873	351	14,821,490	\$2,437,000,764
Doctoral/Professional Universities						
Western Carolina	109	547,611,890	1,232,733,119	36	922,250	59,425,765
Winston-Salem	50	242,983,954	641,984,716	21	682,997	50,811,721
Subtotal	159	\$790,595,844	\$1,874,717,835	57	1,605,247	\$110,237,486
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	121	\$907,228,218	\$2,694,791,368	69	3,061,525	\$413,706,722
Fayetteville	49	137,573,200	431,937,823	46	1,219,675	117,976,398
NC Central	56	320,199,041	1,197,669,088	10	215,939	27,878,468
UNC Pembroke	53	166,152,245	647,016,921	50	1,631,632	268,985,687
Subtotal	279	\$1,531,152,704	\$4,971,415,200	175	6,128,771	\$828,547,275
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	51	\$222,578,727	\$711,302,015	27	1,037,567	\$228,955,251
Subtotal	51	\$222,578,727	\$711,302,015	27	1,037,567	\$228,955,251
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	43	\$119,743,493	\$423,305,804	17	412,006	\$46,578,305
Subtotal	43	\$119,743,493	\$423,305,804	17	412,006	\$46,578,305
Schools of Art, Music, & Design						
UNC School of the Arts	61	\$152,800,784	\$416,815,937	20	278,613	\$18,346,308
Subtotal	61	\$152,800,784	\$416,815,937	20	278,613	\$18,346,308
Teaching Hospitals						
UNC Hospitals	30	\$151,744,106	\$1,407,608,146	0	0	\$0
Subtotal	30	\$151,744,106	\$1,407,608,146	0	0	\$0
Grand Total	2,995	\$10,785,720,765	\$38,599,453,502	1,593	53,266,706	\$7,608,229,292

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Table 24: Accessible Area as a Percentage of Assignable

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act stated that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The more recent 1990 Americans with Disabilities Act (ADA) reinforced this guideline while providing a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

One of the groups protected by both pieces of legislation is the people who use wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all their facilities barrier free, they do require that an institution's programs be made accessible to people with disabilities. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space that is accessible to people with mobility impairments is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of the earlier Section 504 on colleges and universities. One of the findings of the survey was that about 76 percent of the assignable area on college and university campuses would need to be made accessible to comply with the program accessibility requirement of the original legislation. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country has improved dramatically.

The definition of building space accessibility in the 2006 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 2009 edition of the N.C. Manual) includes *approach to* a building in addition to access from a point immediately outside the building. Thus, a building's *site* must also be accessible, i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility-impaired person (i.e., wheelchair user or someone who uses another support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Table 24. Accessible Area as a Percentage of Assignable Area

	Total Assignable	Accessible	Percent Accessible				
Institution	Sq. Ft.	Sq. Ft.	2023	2022	2021	2020	2019
Doctoral Universities: Very High Research Activity							
NC State	9,587,968	8,454,882	88.2	83.4	82.6	81.6	81.4
NC State Veterinary Med	464,759	439,150	94.5	92.4	92.4	92.5	92.5
UNC-Chapel Hill	7,643,456	7,592,473	99.3	99.7	99.9	100.0	99.4
UNC-Chapel Hill Hlth Aff.	2,558,747	2,534,917	99.1	99.1	99.3	99.3	99.3
Subtotal	20,254,930	19,021,422					
Subtotal Percentage			93.9	91.8	91.5	91.0	90.8
Doctoral Universities: High Research Activity							
East Carolina	3,443,665	3,090,067	89.7	89.7	88.4	86.0	86.0
East Carolina Hlth Aff.	1,172,880	894,688	76.3	77.5	76.4	77.6	77.6
N.C. A&T	2,369,271	2,099,361	88.6	88.3	88.3	88.6	88.6
UNC Charlotte	4,132,096	4,009,188	97.0	97.0	97.0	97.0	96.8
UNC Greensboro	3,502,620	3,087,544	88.1	88.1	88.1	88.2	79.2
UNC Wilmington	2,925,325	2,796,159	95.6	95.7	95.7	100.0	97.2
Subtotal	17,545,857	15,977,007					
Subtotal Percentage			91.1	91.1	90.8	91.1	88.7
Doctoral/Professional Universities							
Western Carolina	2,519,574	2,133,648	84.7	81.5	81.3	76.6	76.6
Winston-Salem	1,283,686	1,157,375	90.2	90.2	90.2	90.2	89.4
Subtotal	3,803,260	3,291,023					
Subtotal Percentage			86.5	84.7	84.7	81.6	81.3
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	3,225,710	2,655,480	82.3	82.3	80.4	85.2	85.3
Fayetteville	858,068	721,331	84.1	84.5	84.5	84.5	84.5
NCCU	1,504,950	1,385,479	92.1	91.8	91.4	91.3	91.3
UNC Pembroke	1,224,827	1,170,864	95.6	95.8	93.7	94.0	92.0
Subtotal	6,813,555	5,933,154					
Subtotal Percentage			87.1	87.0	85.9	88.1	87.8
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	968,470	859,618	88.8	48.1	14.4	9.1	7.6
Subtotal	968,470	859,618					
Subtotal Percentage			88.8	48.1	14.4	9.1	7.6
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	796,769	739,365	92.8	92.3	86.3	86.3	86.3
Subtotal	796,769	739,365					
Subtotal Percentage			92.8	92.3	86.3	86.3	86.3
Schools of Art, Music, & Design							
UNC School of the Arts	912,409	839,529	92.0	90.7	90.6	90.5	90.2
Subtotal	912,409	839,529					
Subtotal Percentage			92.0	90.7	90.6	90.5	90.2
Teaching Hospitals							
UNC Hospitals	1,358,303	1,194,183	87.9	87.9	87.9	87.9	87.9
Subtotal	1,358,303	1,194,183					
Subtotal Percentage			87.9	87.9	87.9	87.9	87.9
Grand Total	52,453,553	47,855,301					
Grand Total Percentage			91.2	89.6	88.5	88.4	87.3

Table 25: Accessible Area by Summary Programs and Subprograms

The requirement that all universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space that are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space that is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) since it applies to non-assignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist people with disabilities. For example, the financial aid program at a college or university would be considered accessible if a student with disabilities had the same access to the financial aid and related counseling that the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram that has little or no physically accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25. Percentage Distribution of Accessible Area by Summary Programs

Institution	Accessible Sq. Ft.	Instruction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50
Doctoral Universities: Very High Research Activity						
NC State	8,454,882	96.8	88.8	85.2	92.8	82.0
NC State Veterinary Med	439,150	88.6	98.5	99.4	92.6	100.0
UNC-Chapel Hill	7,592,473	98.8	99.9	99.6	98.9	99.9
UNC-Chapel Hill Hlth Aff.	2,534,917	99.4	98.8	99.9	99.7	100.0
Subtotal	19,021,422					
Subtotal Percentage		97.8	93.3	92.0	96.8	91.7
Doctoral Universities: High Research Activity						
East Carolina	3,090,067	90.2	66.3	89.0	93.9	94.3
East Carolina Hlth Aff.	894,688	86.1	97.4	60.3	96.6	59.2
N.C. A&T	2,099,361	92.8	86.5	95.2	95.5	79.0
UNC Charlotte	4,009,188	97.0	99.5	96.4	99.0	96.7
UNC Greensboro	3,087,544	95.2	92.2	83.2	87.5	85.4
UNC Wilmington	2,796,159	96.8	99.0	99.3	99.7	95.3
Subtotal	15,977,007					
Subtotal Percentage		93.6	92.1	68.1	95.4	91.6
Doctoral/Professional Universities						
Western Carolina	2,133,648	95.0	90.0	82.6	96.3	74.3
Winston-Salem	1,157,375	91.2	100.0	87.9	97.0	91.9
Subtotal	3,291,023					
Subtotal Percentage		93.6	95.2	84.4	96.5	81.1
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	2,655,480	86.4	77.0	61.3	100.0	79.9
Fayetteville	721,331	100.0	100.0	100.0	100.0	64.5
NCCU	1,385,479	90.5	98.0	96.5	95.8	94.0
UNC Pembroke	1,170,864	97.4	100.0	100.0	97.2	94.0
Subtotal	5,933,154					
Subtotal Percentage		90.9	92.7	65.4	98.2	83.6
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	859,618	98.6	99.8	100.0	96.3	88.8
Subtotal	859,618					
Subtotal Percentage		98.6	99.8	100.0	96.3	88.8
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	739,365	87.7	100.0	100.0	99.0	99.7
Subtotal	739,365					
Subtotal Percentage		87.7	100.0	100.0	99.0	99.7
Schools of Art, Music, & Design						
UNC School of the Arts	839,529	93.2	-	100.0	99.2	88.2
Subtotal	839,529					
Subtotal Percentage		93.2	-	100.0	99.2	88.2
Teaching Hospitals						
UNC Hospitals	1,194,183	100.0	100.0	85.3	-	-
Subtotal	1,194,183					
Subtotal Percentage		100.0	100.0	85.3	-	-
Grand Total	47,855,301					
Grand Total Percentage		94.6	93.1	82.7	96.5	89.4

Table 25. (Continued) Percentage Distribution of Accessible Area by Summary Programs

Institution	Inst. Admin. 60	Physical Plant 70	Indep.Opns. 90	Unassigned 00
Doctoral Universities: Very High Research Activity				
NC State	91.5	95.0	99.3	77.7
NC State Veterinary Med	95.4	81.4	100.0	0.0
UNC-Chapel Hill	99.3	100.0	100.0	89.4
UNC-Chapel Hill Hlth Aff.	99.7	100.0	100.0	93.1
Subtotal Percentage	95.5	97.3	99.6	81.5
Doctoral Universities: High Research Activity				
East Carolina	88.1	40.9	100.0	63.2
East Carolina Hlth Aff.	84.9	61.3	-	21
N.C. A&T	99.6	78.3	100.0	84.9
UNC Charlotte	96.1	83.5	-	96.9
UNC Greensboro	89.2	70.0	100.0	51.0
UNC Wilmington	97.5	88	63.9	87.2
Subtotal Percentage	93.4	64.4	91.8	82.7
Doctoral/Professional Universities				
Western Carolina	85.8	98.5	100.0	100.0
Winston-Salem	67.9	95.8	100.0	68.9
Subtotal Percentage	82.6	97.7	100.0	86.6
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	78.5	87.4	100.0	100.0
Fayetteville	96.8	100.0	88.0	100.0
NCCU	82.5	80.1	99.4	88.6
UNC Pembroke	98.1	100.0	-	-
Subtotal Percentage	85.7	92.0	96.1	91.6
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	52.4	51.6	100.0	-
Subtotal Percentage	52.4	51.6	100.0	-
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	90.6	100.0	-	64.5
Subtotal Percentage	90.6	100.0	-	64.5
Schools of Art, Music, & Design				
UNC School of the Arts	89.0	96.6	100.0	97.0
Subtotal Percentage	89.0	96.6	100.0	97.0
Teaching Hospitals				
UNC Hospitals	100.0	98.5	100.0	100.0
Subtotal Percentage	100.0	98.5	100.0	100.0
Grand Total Percentage	91.0	84.3	97.2	83.8

**Table 25a. Accessible Area by Instruction, Research,
and Public Service Subprograms**

Institution	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17
Doctoral Universities: Very High Research Activity							
NC State	96.8	-	-	100.0	-	-	-
NC State Veterinary Med	88.6	-	-	-	-	-	-
UNC-Chapel Hill	98.7	-	-	100.0	100.0	-	-
UNC-Chapel Hill Hlth Aff.	99.4	-	100.0	100.0	100.0	-	-
Subtotal Percentage	97.8	-	100.0	100.0	100.0	-	-
Doctoral Universities: High Research Activity							
East Carolina	90.2	-	100.0	-	-	-	-
East Carolina Hlth Aff.	86.0	-	-	-	100.0	-	-
N.C. A&T	92.8	-	-	-	-	-	-
UNC Charlotte	96.9	-	100.0	-	-	-	-
UNC Greensboro	95.4	-	0.0	-	-	-	-
UNC Wilmington	96.8	-	-	100.0	-	-	-
Subtotal Percentage	93.6	-	70.8	100.0	100.0	-	-
Doctoral/Professional Universities							
Western Carolina	95.0	-	98.6	100.0	-	-	-
Winston-Salem	91.1	-	100.0	-	-	-	-
Subtotal Percentage	93.6	-	99.3	100.0	-	-	-
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	86.4	-	-	-	-	-	-
Fayetteville	100.0	-	-	100.0	-	-	-
NCCU	90.5	-	-	-	-	-	-
UNC Pembroke	97.2	-	100.0	98.2	100.0	-	100.0
Subtotal Percentage	90.8	-	100.0	98.8	100.0	-	100.0
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	98.6	-	-	100.0	-	-	-
Subtotal Percentage	98.6	-	-	100.0	-	-	-
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	87.7	-	-	100.0	-	-	-
Subtotal Percentage	87.7	-	-	100.0	-	-	-
Schools of Art, Music, & Design							
UNC School of the Arts	93.2	-	-	-	-	-	-
Subtotal Percentage	93.2	-	-	-	-	-	-
Teaching Hospitals							
UNC Hospitals	100.0	-	-	100.0	-	-	-
Subtotal Percentage	100.0	-	-	100.0	-	-	-
Grand Total Percentage	94.6	-	92.2	99.8	100.0	-	100.0

**Table 25a. (Continued) Accessible Area by Instruction, Research,
and Public Service Subprograms**

Institution	Personal Leisure Instruction 18	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31
Doctoral Universities: Very High Research Activity				
NC State	-	71.9	94.8	-
NC State Veterinary Med	-	-	98.5	99.8
UNC-Chapel Hill	-	100.0	99.9	100.0
UNC-Chapel Hill Hlth Aff.	-	74.5	100.0	100.0
<i>Subtotal Percentage</i>	<i>-</i>	<i>73.6</i>	<i>97.3</i>	<i>99.9</i>
Doctoral Universities: High Research Activity				
East Carolina	-	24.3	74.9	-
East Carolina Hlth Aff.	-	100.0	97.3	63.1
N.C. A&T	-	98.5	82.4	-
UNC Charlotte	-	99.0	99.8	-
UNC Greensboro	-	-	92.2	100.0
UNC Wilmington	-	98.8	100.0	100.0
<i>Subtotal Percentage</i>	<i>-</i>	<i>93.5</i>	<i>91.6</i>	<i>63.5</i>
Doctoral/Professional Universities				
Western Carolina	100.0	83.0	100.0	-
Winston-Salem	-	100.0	100.0	-
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>89.2</i>	<i>100.0</i>	<i>-</i>
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	-	100.0	65.5	100.0
Fayetteville	-	-	100.0	-
NCCU	-	99.0	96.4	-
UNC Pembroke	-	100.0	100.0	-
<i>Subtotal Percentage</i>	<i>0.0</i>	<i>99.4</i>	<i>87.7</i>	<i>100.0</i>
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	100.0	100.0	99.7	-
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>100.0</i>	<i>99.7</i>	<i>-</i>
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	-	-	100.0	-
<i>Subtotal Percentage</i>	<i>-</i>	<i>-</i>	<i>100.0</i>	<i>-</i>
Schools of Art, Music, & Design				
UNC School of the Arts	-	100.0	-	-
<i>Subtotal Percentage</i>	<i>-</i>	<i>100.0</i>	<i>-</i>	<i>-</i>
Teaching Hospitals				
UNC Hospitals	-	-	100.0	79.7
<i>Subtotal Percentage</i>	<i>-</i>	<i>-</i>	<i>100.0</i>	<i>79.7</i>
Grand Total Percentage	100.0	80.0	96.2	78.4

**Table 25a. (Continued) Accessible Area by Instruction, Research,
and Public Service Subprograms**

Institution	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Doctoral Universities: Very High Research Activity				
NC State	-	90.5	82.0	100.0
NC State Veterinary Med	98.9	-	100.0	-
UNC-Chapel Hill	100.0	99.3	100.0	100.0
UNC-Chapel Hill Hlth Aff.	99.8	100.0	100.0	-
<i>Subtotal Percentage</i>	<i>99.6</i>	<i>91.9</i>	<i>82.2</i>	<i>100.0</i>
Doctoral Universities: High Research Activity				
East Carolina	67.0	100.0	-	96.6
East Carolina Hlth Aff.	54.5	100.0	-	-
N.C. A&T	-	98.1	93.3	100.0
UNC Charlotte	-	96.4	-	-
UNC Greensboro	-	68.1	-	-
UNC Wilmington	100.0	98.8	-	-
<i>Subtotal Percentage</i>	<i>57.4</i>	<i>96.4</i>	<i>93.3</i>	<i>98.0</i>
Doctoral/Professional Universities				
Western Carolina	-	81.8	-	100.0
Winston-Salem	-	86.4	-	100.0
<i>Subtotal Percentage</i>	<i>-</i>	<i>83.3</i>	<i>-</i>	<i>100.0</i>
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	-	57.5	-	-
Fayetteville	-	100.0	-	100.0
NCCU	-	100.0	-	94.7
UNC Pembroke	-	100.0	-	-
<i>Subtotal Percentage</i>	<i>-</i>	<i>61.0</i>	<i>-</i>	<i>94.9</i>
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	-	100.0	-	-
<i>Subtotal Percentage</i>	<i>-</i>	<i>100.0</i>	<i>-</i>	<i>-</i>
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	-	100.0	-	100.0
<i>Subtotal Percentage</i>	<i>-</i>	<i>100.0</i>	<i>-</i>	<i>100.0</i>
Schools of Art, Music, & Design				
UNC School of the Arts	-	100.0	-	-
<i>Subtotal Percentage</i>	<i>-</i>	<i>100.0</i>	<i>-</i>	<i>-</i>
Teaching Hospitals				
UNC Hospitals	89.1	-	-	-
<i>Subtotal Percentage</i>	<i>89.1</i>	<i>-</i>	<i>-</i>	<i>-</i>
Grand Total Percentage	84.7	85.9	82.7	98.4

Table 25b. Accessible Area by Academic Support Subprograms

Institution	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44
Doctoral Universities: Very High Research Activity				
NC State	99.1	100.0	100.0	62.4
NC State Veterinary Med	100.0	-	100.0	9.7
UNC-Chapel Hill	98.5	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0
<i>Subtotal Percentage</i>	<i>98.8</i>	<i>100.0</i>	<i>100.0</i>	<i>71.2</i>
Doctoral Universities: High Research Activity				
East Carolina	95.2	100.0	100.0	8.9
East Carolina Hlth Aff.	99.5	0.0	100.0	-
N.C. A&T	100.0	100.0	100.0	100.0
UNC Charlotte	99.4	98.7	97.7	99.8
UNC Greensboro	85.3	100.0	23.6	82.4
UNC Wilmington	99.8	100.0	100.0	99.1
<i>Subtotal Percentage</i>	<i>96.5</i>	<i>95.4</i>	<i>68.9</i>	<i>90.4</i>
Doctoral/Professional Universities				
Western Carolina	100.0	78.9	100.0	18.4
Winston-Salem	100.0	92.9	100.0	100.0
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>86.2</i>	<i>100.0</i>	<i>74.3</i>
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	100.0	-	-	100.0
Fayetteville	100.0	100.0	100.0	100.0
NCCU	99.3	100.0	100.0	100.0
UNC Pembroke	100.0	100.0	100.0	100.0
<i>Subtotal Percentage</i>	<i>99.8</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	98.3	-	74.2	100.0
<i>Subtotal Percentage</i>	<i>98.3</i>	<i>-</i>	<i>74.2</i>	<i>100.0</i>
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	100.0	100.0	-	100.0
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>100.0</i>	<i>-</i>	<i>100.0</i>
Schools of Art, Music, & Design				
UNC School of the Arts	100.0	100.0	100.0	42.2
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>42.2</i>
Teaching Hospitals				
UNC Hospitals	-	-	-	-
<i>Subtotal Percentage</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Grand Total Percentage	98.3	95.9	89.6	80.6

Table 25b. (Continued) Accessible Area by Academic Support Subprograms

Institution	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Doctoral Universities: Very High Research Activity				
NC State	100.0	97.7	100.0	100.0
NC State Veterinary Med	100.0	99.8	-	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	97.8	100.0	100.0	100.0
Subtotal Percentage	98.1	99.6	100.0	100.0
Doctoral Universities: High Research Activity				
East Carolina	100.0	89.4	-	-
East Carolina Hlth Aff.	100.0	99.4	-	-
N.C. A&T	95.5	87.3	-	-
UNC Charlotte	-	98.6	-	-
UNC Greensboro	97.9	91.8	-	100.0
UNC Wilmington	100.0	99.7	100.0	100.0
Subtotal Percentage	96.2	95.5	100.0	100.0
Doctoral/Professional Universities				
Western Carolina	100.0	94.4	-	100.0
Winston-Salem	100.0	93.9	-	-
Subtotal Percentage	100.0	94.2	-	100.0
Master's Colleges & Universities: Larger/Medium Programs				
Appalachian	100.0	100.0	100.0	-
Fayetteville	100.0	100.0	-	-
NCCU	59.1	96.0	-	100.0
UNC Pembroke	89.9	96.3	-	-
Subtotal Percentage	87.0	97.2	100.0	100.0
Baccalaureate Colleges: Arts & Sciences Focus				
UNC Asheville	-	72.4	-	100.0
Subtotal Percentage	-	72.4	-	100.0
Baccalaureate Colleges: Diverse Fields				
Elizabeth City	87.5	100.0	-	-
Subtotal Percentage	87.5	100.0	-	-
Schools of Art, Music, & Design				
UNC School of the Arts	100.0	94.7	-	-
Subtotal Percentage	100.0	94.7	-	-
Teaching Hospitals				
UNC Hospitals	-	-	-	-
Subtotal Percentage	-	-	-	-
Grand Total Percentage	95.0	96.6	100.0	100.0

**Table 25c. Accessible Area by Student Service and
Physical Plant Operations Subprograms**

Institution	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter- coll Athl. 56
Doctoral Universities: Very High Research Activity						
NC State	99.5	96.7	99.1	100.0	76.4	98.8
NC State Veterinary Med	-	-	-	-	100.0	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	99.9	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0	100.0	-
Subtotal Percentage	99.8	98.3	99.5	100.0	88.7	99.6
Doctoral Universities: High Research Activity						
East Carolina	93.8	85.1	70.5	100.0	99.5	82.5
East Carolina Hlth Aff.	100.0	-	-	-	51.9	-
N.C. A&T	77.8	92.5	100.0	100.0	79.1	69.0
UNC Charlotte	99.9	97.6	78.1	100.0	96.6	98.0
UNC Greensboro	96.1	94.3	100.0	97.7	84.2	83.7
UNC Wilmington	99.6	84.3	100.0	100.0	97.5	89.0
Subtotal Percentage	95.4	90.6	90.1	99.7	92.5	85.8
Doctoral/Professional Universities						
Western Carolina	100.0	98.9	100.0	100.0	65.9	94.4
Winston-Salem	77.1	100.0	100.0	100.0	90.2	100.0
Subtotal Percentage	84.4	99.2	100.0	100.0	75.4	96.5
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	100.0	99.4	100.0	97.0	70.8	100.0
Fayetteville	100.0	42.5	100.0	100.0	63.5	98.2
NCCU	100.0	96.6	86.7	100.0	94.8	80.7
UNC Pembroke	95.9	79.4	-	100.0	94.9	96.6
Subtotal Percentage	98.2	90.2	94.8	98.5	80.0	96.8
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	86.1	93.1	96.9	100.0	87.0	89.6
Subtotal Percentage	86.1	93.1	96.9	100.0	87.0	89.6
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	100.0	100.0	100.0	100.0	99.8	95.1
Subtotal Percentage	100.0	100.0	100.0	100.0	99.8	95.1
Schools of Art, Music, & Design						
UNC School of the Arts	100.0	97.0	100.0	100.0	79.7	-
Subtotal Percentage	100.0	97.0	100.0	100.0	79.7	-
Teaching Hospitals						
UNC Hospitals	-	-	-	-	-	-
Subtotal Percentage	-	-	-	-	-	-
Grand Total Percentage	96.8	93.4	95.4	99.6	87.7	94.9

**Table 25c. (Continued) Accessible Area by Student Service and
Physical Plant Operations Subprograms**

Institution	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Doctoral Universities: Very High Research Activity						
NC State	98.3	100.0	99.7	97.0	85.8	96.5
NC State Veterinary Med	-	-	98.6	100.0	7.2	100.0
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	-	-	100.0	100.0	100.0	100.0
Subtotal Percentage	99.0	100.0	99.7	99.1	92.8	98.2
Doctoral Universities: High Research Activity						
East Carolina	91.5	57.5	35.1	90.1	-	60.3
East Carolina Hlth Aff.	-	0.0	-	100.0	100.0	0.0
N.C. A&T	31.0	100.0	87.7	70.2	11.9	100.0
UNC Charlotte	89.7	76.7	85.6	96.2	16.9	-
UNC Greensboro	100.0	98.0	98.6	61.8	63.2	36.2
UNC Wilmington	98.8	77.9	99.8	96.1	100.0	100.0
Subtotal Percentage	82.5	78.8	64.3	91.3	72.5	43.7
Doctoral/Professional Universities						
Western Carolina	100.0	100.0	88.0	100.0	100.0	100.0
Winston-Salem	100.0	93.2	98.8	96.6	100.0	100.0
Subtotal Percentage	100.0	98.6	92.0	97.4	100.0	-
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	100.0	97.3	81.9	-	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	100.0	100.0
NCCU	82.4	64.6	82.5	100.0	100.0	100.0
UNC Pembroke	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal Percentage	97.5	96.4	86.5	76.2	100.0	100.0
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	100.0	100.0	1.0	100.0	100.0	-
Subtotal Percentage	100.0	100.0	1.0	100.0	100.0	-
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	100.0	100.0	100.0	-	100.0	-
Subtotal Percentage	100.0	100.0	100.0	-	100.0	-
Schools of Art, Music, & Design						
UNC School of the Arts	44.6	83.0	100.0	100.0	-	100.0
Subtotal Percentage	44.6	83.0	100.0	100.0	-	100.0
Teaching Hospitals						
UNC Hospitals	-	-	100.0	94.3	-	-
Subtotal Percentage	-	-	100.0	94.3	-	-
Grand Total Percentage	91.2	93.0	75.9	93.7	88.5	85.1

**Table 25d. Accessible Area by Institutional Administration,
Independent Operations and Unassigned Subprograms**

Institution	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66
Doctoral Universities: Very High Research Activity						
NC State	99.9	98.4	98.6	88.2	64.0	96.9
NC State Veterinary Med	-	100.0	87.6	72.7	100.0	-
UNC-Chapel Hill	100.0	100.0	98.3	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	99.4	100.0	100.0	100.0
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>99.7</i>	<i>98.5</i>	<i>95.9</i>	<i>72.1</i>	<i>98.4</i>
Doctoral Universities: High Research Activity						
East Carolina	78.4	99.7	80.2	96.2	96.3	88.3
East Carolina Hlth Aff.	100.0	72.0	90.2	100.0	-	100.0
N.C. A&T	100.0	100.0	99.9	94.3	100.0	100.0
UNC Charlotte	100.0	78.2	94.7	98.9	100.0	100.0
UNC Greensboro	99.8	100.0	94.5	99.2	44.3	91.0
UNC Wilmington	99.2	98.4	95.4	99.3	100.0	99.9
<i>Subtotal Percentage</i>	<i>89.0</i>	<i>94.1</i>	<i>94.9</i>	<i>97.8</i>	<i>76.7</i>	<i>95.6</i>
Doctoral/Professional Universities						
Western Carolina	80.3	100.0	100.0	91.4	7.3	80.7
Winston-Salem	90.4	69.9	62.6	97.5	51.5	63.3
<i>Subtotal Percentage</i>	<i>84.6</i>	<i>82.5</i>	<i>96.6</i>	<i>93.0</i>	<i>19.4</i>	<i>76.0</i>
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	78.8	93.9	72.8	100.0	92.1	82.5
Fayetteville	98.0	100.0	100.0	78.4	98.4	69.4
NCCU	100.0	100.0	60.6	97.2	100.0	100.0
UNC Pembroke	100.0	99.2	100.0	99.4	100.0	82.4
<i>Subtotal Percentage</i>	<i>91.1</i>	<i>97.1</i>	<i>75.9</i>	<i>98.3</i>	<i>97.5</i>	<i>84.4</i>
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	40.5	60.3	26.6	48.4	10.1	100.0
<i>Subtotal Percentage</i>	<i>40.5</i>	<i>60.3</i>	<i>26.6</i>	<i>48.4</i>	<i>10.1</i>	<i>100.0</i>
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	100.0	100.0	98.8	100.0	58.8	100.0
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>100.0</i>	<i>98.8</i>	<i>100.0</i>	<i>58.8</i>	<i>100.0</i>
Schools of Art, Music, & Design						
UNC School of the Arts	92.2	100.0	93.7	100.0	100.0	35.8
<i>Subtotal Percentage</i>	<i>92.2</i>	<i>100.0</i>	<i>93.7</i>	<i>100.0</i>	<i>100.0</i>	<i>35.8</i>
Teaching Hospitals						
UNC Hospitals	100.0	100.0	100.0	100.0	100.0	100.0
<i>Subtotal Percentage</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Grand Total Percentage	90.0	95.3	94.3	96.6	64.8	92.0

**Table 25d. (Cont'd) Accessible Area by Institutional Administration,
Independent Operations and Unassigned Subprograms**

Institution	Stud't Admiss 67	Stud't Records 68	Ind. Operations		Unassigned	
			Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Doctoral Universities: Very High Research Activity						
NC State	100.0	-	78.4	99.8	90.9	75.6
NC State Veterinary Med	-	-	-	100.0	0.0	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	84.8	98.6
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0	99.8	74.5
Subtotal Percentage	100.0	100.0	98.8	99.8	87.0	78.6
Doctoral Universities: High Research Activity						
East Carolina	60.3	77.5	-	100.0	-	63.2
East Carolina Hlth Aff.	-	100.0	-	-	100.0	0.0
N.C. A&T	100.0	100.0	100.0	100.0	45.6	97.2
UNC Charlotte	100.0	100.0	-	-	89.6	98.1
UNC Greensboro	98.0	74.0	-	100.0	100.0	46.0
UNC Wilmington	100.0	99.3	35.8	79.2	84.1	87.2
Subtotal Percentage	94.3	91.9	61.3	96.5	85.7	82.4
Doctoral/Professional Universities						
Western Carolina	100.0	100.0	100.0	100.0	100.0	100.0
Winston-Salem	100.0	100.0	100.0	100.0	62.5	100.0
Subtotal Percentage	100.0	100.0	-	100.0	66.0	100.0
Master's Colleges & Universities: Larger/Medium Programs						
Appalachian	85.4	17.0	100.0	100.0	100.0	100.0
Fayetteville	100.0	100.0	45.5	100.0	100.0	100.0
NCCU	100.0	100.0	100.0	99.4	88.0	88.8
UNC Pembroke	100.0	100.0	-	-	-	100.0
Subtotal Percentage	92.4	48.7	79.8	99.7	94.3	90.2
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	100.0	100.0	-	100.0	-	-
Subtotal Percentage	100.0	100.0	-	100.0	-	-
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	100.0	100.0	-	-	60.7	72.5
Subtotal Percentage	100.0	100.0	-	-	60.7	72.5
Schools of Art, Music, & Design						
UNC School of the Arts	100.0	100.0	-	-	100.0	96.9
Subtotal Percentage	100.0	100.0	100.0	-	100.0	96.9
Teaching Hospitals						
UNC Hospitals	-	-	-	100.0	100.0	100.0
Subtotal Percentage	-	-	-	100.0	100.0	100.0
Grand Total Percentage	96.8	83.6	88.5	98.9	83.2	84.0

Table 26: Accessible Area by Room Codes

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area that is accessible to people with mobility impairments. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Table 26. Accessible Area by Room Codes

	Total Accessible Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300	
Institution		ASF	%	ASF	%	ASF	%
Doctoral Universities: Very High Research Activity							
NC State	8,454,882	266,783	99.7	1,639,612	97.9	1,911,966	97.9
NC State Veterinary Med	439,150	7,605	97.9	110,436	99.9	94,836	99.0
UNC-Chapel Hill	7,592,473	278,961	100.0	608,961	100.0	1,707,738	98.8
UNC-Chapel Hill Hlth Aff.	2,534,917	90,199	100.0	820,920	99.9	1,026,917	98.
Subtotal	19,021,422	643,548		3,179,929		4,741,457	
Subtotal Percentage			99.8		98.9		98.4
Doctoral Universities: High Research Activity							
East Carolina	3,090,067	161,207	94.7	391,806	88.6	683,906	84.3
East Carolina Hlth Aff.	894,688	41,968	95.6	184,239	95.1	369,685	82.1
N.C. A&T	2,099,361	139,614	92.6	369,919	91.4	434,882	90.7
UNC Charlotte	4,009,188	222,179	89.9	577,313	99.7	939,935	97.9
UNC Greensboro	3,087,544	157,718	98.7	409,148	95.0	602,961	91.7
UNC Wilmington	2,796,159	154,033	95.6	290,617	98.0	495,670	98.3
Subtotal	15,977,007	876,719		2,223,042		3,527,039	
Subtotal Percentage			94.0		94.7		91.3
Doctoral/Professional Universities							
Western Carolina	2,133,648	93,573	94.4	223,663	97.4	353,169	97.4
Winston-Salem	1,157,375	74,426	85.7	107,183	92.4	208,765	89.8
Subtotal	3,291,023	167,999		330,846		561,934	
Subtotal Percentage			90.3		95.7		94.4
Master's Colleges & Universities: Larger/Medium Programs							
Appalachian	2,655,480	160,605	84.9	275,541	83.4	575,368	87.5
Fayetteville	721,331	56,696	99.9	93,464	100.0	184,306	89.3
NCCU	1,385,479	124,941	88.2	132,249	90.5	303,017	91.9
UNC Pembroke	1,170,864	88,291	98.8	74,587	99.8	192,746	94.7
Subtotal	5,933,154	430,533		575,841		1,255,437	
Subtotal Percentage			90.3		89.3		89.9
Baccalaureate Colleges: Arts & Sciences Focus							
UNC Asheville	859,618	42,539	99.8	122,199	99.2	150,165	90.8
Subtotal	859,618	42,539		122,199		150,165	
Subtotal Percentage			99.8		99.2		90.8
Baccalaureate Colleges: Diverse Fields							
Elizabeth City	739,365	66,770	88.3	55,524	82.2	105,875	91.6
Subtotal	739,365	66,770		55,524		105,875	
Subtotal Percentage			88.3		82.2		91.6
Schools of Art, Music, & Design							
UNC School of the Arts	839,529	32,657	69.9	191,116	96.0	103,398	90.5
Subtotal	839,529	32,657		191,116		103,398	
Subtotal Percentage			69.9		96.0		90.5
Teaching Hospitals							
UNC Hospitals	1,194,183	9,926	100.0	10,829	100.0	334,517	90.0
Subtotal	1,194,183	9,926		10,829		334,517	
Subtotal Percentage			100.0		100.0		90.0
Grand Total	47,855,301	2,270,691		6,689,326		10,779,822	
Grand Total Percentage			94.0		96.2		94.2

Table 26. (Continued) Accessible Area by Room Codes

Institution	Study Facilities 400		Special Use Facilities 500		General Use Facilities 600		Support Facilities 700	
	ASF	%	ASF	%	ASF	%	ASF	%
Doctoral Universities: Very High Research Activity								
NC State	400,778	98.0	1,438,093	83.5	738,636	96.7	333,073	78.3
NC State Veterinary Med	13,225	100.0	63,217	83.3	10,756	100.0	21,771	78.0
UNC-Chapel Hill	615,353	99.7	950,793	99.9	861,663	97.0	452,591	99.9
UNC-Chapel Hill Hlth Aff.	51,758	100.0	202,098	99.7	89,650	98.8	34,093	99.5
Subtotal	1,081,114		2,654,201		1,700,705		841,528	
Subtotal Percentage		99.1		89.9		97.0		89.5
Doctoral Universities: High Research Activity								
East Carolina	186,866	97.9	313,404	80.8	366,347	96.2	127,045	68.8
East Carolina Hlth Aff.	66,703	89.3	37,671	33.1	12,748	50.3	20,229	62.2
N.C. A&T	136,820	98.4	210,073	89.8	275,429	91.2	205,643	95.6
UNC Charlotte	227,196	100.0	213,623	97.6	465,964	96.5	54,114	88.1
UNC Greensboro	112,716	83.4	106,273	87.3	511,563	91.1	235,542	86.0
UNC Wilmington	135,909	99.9	221,253	89.1	242,881	93.3	71,335	93.8
Subtotal	866,210		1,102,297		1,874,932		713,908	
Subtotal Percentage		95.9		83.2		93.1		84.6
Doctoral/Professional Universities								
Western Carolina	152,740	99.5	175,533	90.2	303,182	96.4	337,510	99.0
Winston-Salem	57,534	97.6	101,095	100.0	150,509	99.1	37,287	86.7
Subtotal	210,274		276,628		453,691		374,797	
Subtotal Percentage		99.0		93.5		97.3		97.6
Master's Colleges & Universities: Larger/Medium Programs								
Appalachian	99,585	90.6	377,776	86.9	405,691	91.6	100,292	90.4
Fayetteville	67,417	98.1	74,089	99.3	73,959	64.2	17,691	91.1
NCCU	99,803	95.5	116,094	92.3	216,454	97.9	11,521	44.9
UNC Pembroke	37,935	89.0	102,673	96.6	133,365	93.4	53,987	95.8
Subtotal	304,740		670,632		829,469		183,491	
Subtotal Percentage		93.5		90.5		90.0		86.4
Baccalaureate Colleges: Arts & Sciences Focus								
UNC Asheville	52,904	97.8	107,696	89.2	123,332	97.2	17,183	46.3
Subtotal	52,904		107,696		123,332		17,183	
Subtotal Percentage		97.8		89.2		97.2		46.3
Baccalaureate Colleges: Diverse Fields								
Elizabeth City	37,696	97.7	87,210	95.4	96,260	97.8	16,738	98.5
Subtotal	37,696		87,210		96,260		16,738	
Subtotal Percentage		97.7		95.4		97.8		98.5
Schools of Art, Music, & Design								
UNC School of the Arts	49,375	100.0	18,579	100.0	140,743	97.6	80,795	95.1
Subtotal	49,375		18,579		140,743		80,795	
Subtotal Percentage		100.0		100.0		97.6		95.1
Teaching Hospitals								
UNC Hospitals	2,897	89.3	32,493	100.0	53,825	86.4	84,162	98.4
Subtotal	2,897		32,493		53,825		84,162	
Subtotal Percentage		89.3		100.0		86.4		98.4
Grand Total	2,605,210		4,949,736		5,272,957		2,312,602	
Grand Total Percentage		97.3		88.7		94.4		88.8

Table 26. (Continued) Accessible Area by Room Codes

Institution	Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%
Doctoral Universities: Very High Research Activity						
NC State	30,261	98.8	1,462,191	71.6	233,489	77.5
NC State Veterinary Med	117,304	99.4	0	-	0	0.0
UNC-Chapel Hill	22,844	100.0	1,999,468	100.0	94,101	99.2
UNC-Chapel Hill Hlth Aff.	174,503	99.9	310	100.0	44,469	93.2
Subtotal	344,912		3,461,969		372,059	
Subtotal Percentage		99.6		85.7		82.9
Doctoral Universities: High Research Activity						
East Carolina	6,876	88.2	825,642	100.0	26,968	63.2
East Carolina Hlth Aff.	161,445	67.9	0	-	0	-
N.C. A&T	6,519	50.9	314,706	74.0	5,756	97.6
UNC Charlotte	6,586	75.7	1,232,101	96.6	70,177	96.9
UNC Greensboro	12,710	100.0	931,284	82.2	7,629	46.0
UNC Wilmington	16,392	100.0	1,091,008	95.9	77,061	87.0
Subtotal	210,528		4,394,741		187,591	
Subtotal Percentage		71.0		91.6		82.8
Doctoral/Professional Universities						
Western Carolina	15,884	100.0	435,592	56.9	42,802	100.0
Winston-Salem	3,213	76.0	407,514	86.9	9,849	49.3
Subtotal	19,097		843,106		52,651	
Subtotal Percentage		95.0		68.3		83.8
Master's (Comprehensive) Universities & Colleges I						
Appalachian	11,733	100.0	640,290	68.9	8,599	100.0
Fayetteville	2,319	100.0	151,208	68.5	182	100.0
NCCU	2,318	82.6	305,532	94.0	73,550	89.1
UNC Pembroke	7,214	100.0	479,491	95.7	575	100.0
Subtotal	23,584		1,576,521		82,906	
Subtotal Percentage		98.0		79.7		90.2
Baccalaureate Colleges: Arts & Sciences Focus						
UNC Asheville	3,088	-	240,512	81.4	0	-
Subtotal	3,088		240,512		0	
Subtotal Percentage		-		81.4		-
Baccalaureate Colleges: Diverse Fields						
Elizabeth City	1,574	100.0	239,234	94.3	32,484	86.7
Subtotal	1,574		239,234		32,484	
Subtotal Percentage		100.0		94.3		86.7
Schools of Art, Music, & Design						
UNC School of the Arts	1,259	41.0	180,352	86.1	41,255	97.0
Subtotal	1,259		180,352		41,255	
Subtotal Percentage		41.0		86.1		97.0
Teaching Hospitals						
UNC Hospitals	619,856	84.2	3,785	100.0	41,893	100.0
Subtotal	619,856		3,785		41,893	
Subtotal Percentage		84.2		100.0		100.0
Grand Total	1,223,898		10,940,220		810,839	
Grand Total Percentage		85.5		85.4		85.2

Institutional Index

Institutional Index				
Institution	Level *	FICE Code	County	City
Appalachian State University	4	002906	Watauga	Boone 28608
East Carolina University	2	002923	Pitt	Greenville 27858
ECU-Health Affairs	2		Pitt	Greenville 27858
Elizabeth City State University	6	002929	Pasquotank	Elizabeth City 27909
Fayetteville State University	4	002928	Cumberland	Fayetteville 28301
N. C. A&T State University	2	002905	Guilford	Greensboro 27411
N. C. Central University	4	002950	Durham	Durham 27707
N. C. State University	1	002972	Wake	Raleigh 27695
NCSU Veterinary School	1		Wake	Raleigh 27695
UNC Asheville	5	002907	Buncombe	Asheville 28804
UNC-Chapel Hill	1	002974	Orange	Chapel Hill 27599
UNC Charlotte	2	002975	Mecklenburg	Charlotte 28223
UNC Greensboro	2	002976	Guilford	Greensboro 27402
UNC-CH Health Affairs	1		Orange	Chapel Hill 27599
UNC School of the Arts	7	003981	Forsyth	Winston-Salem 27117
UNC Pembroke	4	002954	Robeson	Pembroke 28372
UNC Wilmington	2	002984	New Hanover	Wilmington 28403
Western Carolina University	3	002981	Jackson	Cullowhee 28723
Winston-Salem State University	3	002986	Forsyth	Winston-Salem 27110

* The Level Code in this index indicates the Carnegie Classification for the institution. The level codes are a "1" for Doctoral Universities: Very High Research Activity, a "2" for Doctoral Universities: High Research Activity, a "3" for Doctoral/Professional Universities, a "4" for Master's Colleges & Universities: Larger/Medium Programs, a "5" for Baccalaureate Colleges: Arts & Sciences Focus, a "6" for Baccalaureate Colleges: Diverse Fields, and a "7" for Schools of Art, Music, & Design.

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Appendices

The appendices provide additional perspective on utilization of instructional space, room space characteristics, and building characteristics by institution, extending the information presented in the Executive Summary down to the campus level. For ease of comparison, figures are numbered consistently between the two sections, rather than sequentially based on order of appearance. A legend for the graphics is provided on page A65.

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Appalachian State University Summary

Appalachian State University began as a training school for teachers and has transformed, since its founding in 1899, to a premier public undergraduate institution. Located in the Blue Ridge Mountains in Boone, the university prepares students to lead purposeful lives as global citizens who understand and fulfill their responsibilities to create a sustainable future. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

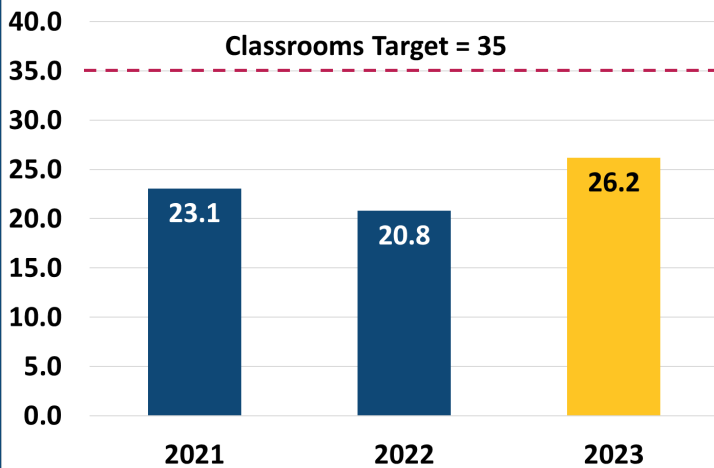


Figure 2 - Weekly Hours for Class Labs

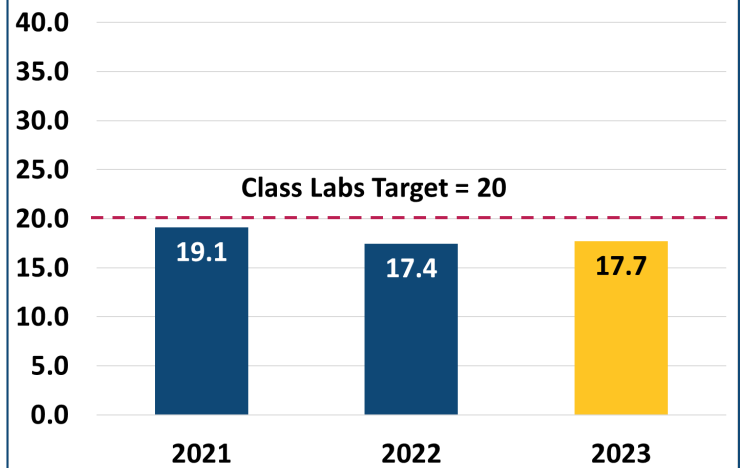


Figure 5 - Station Fill for Classrooms

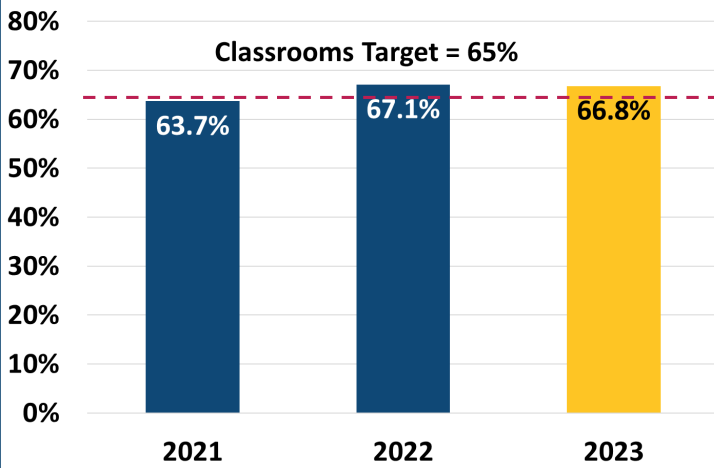
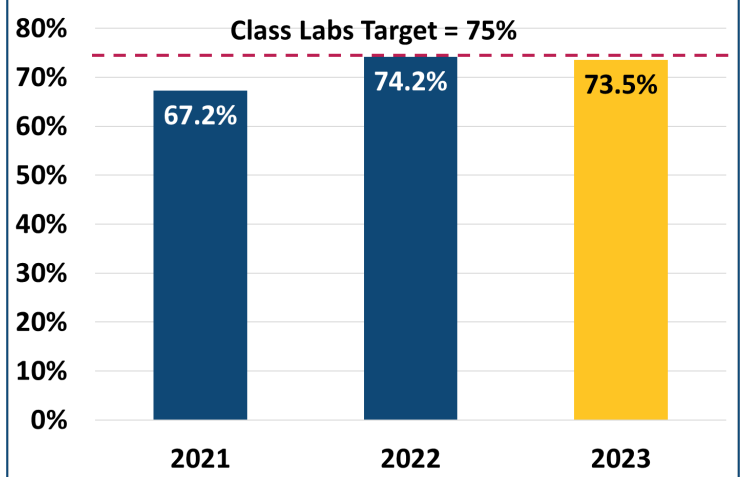


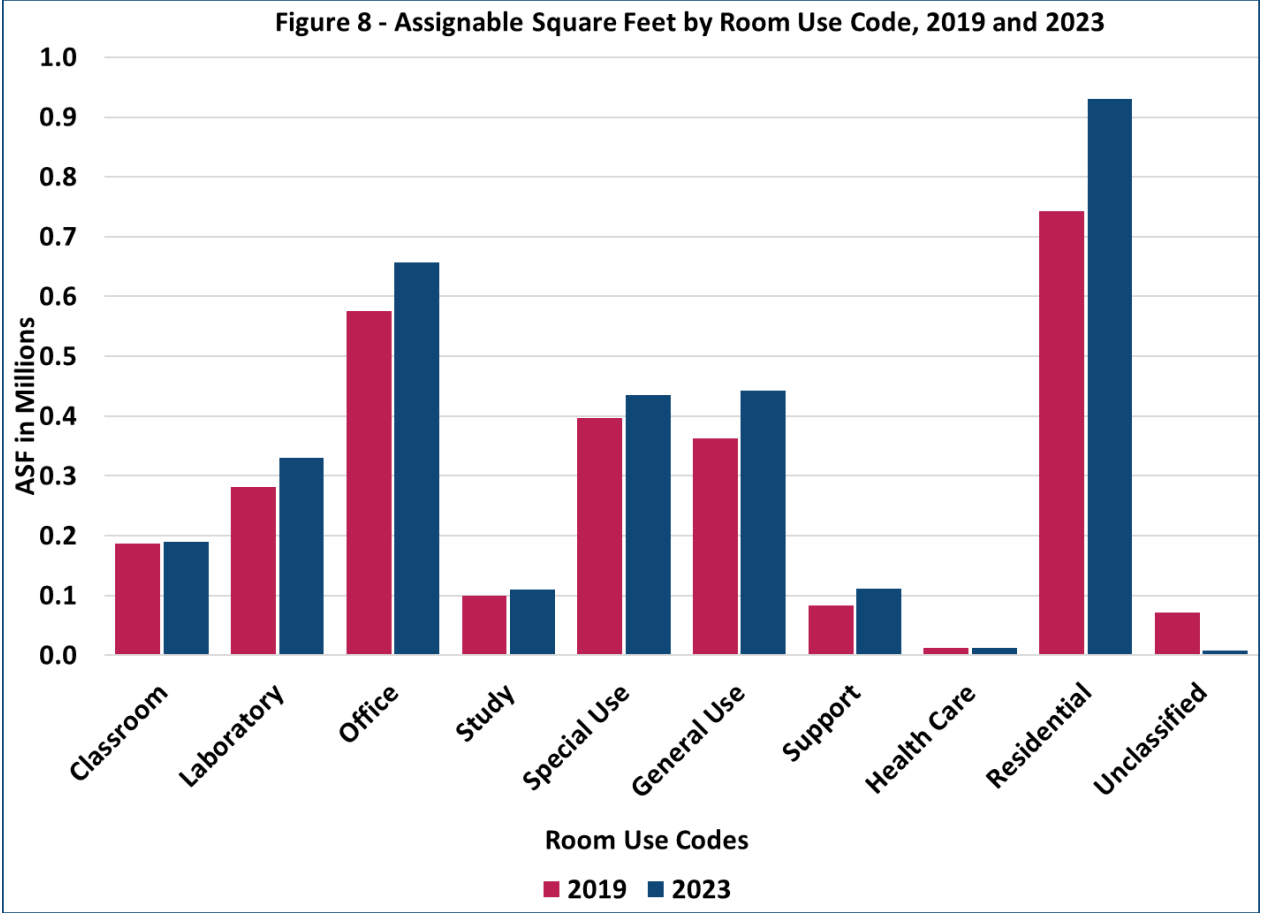
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at ASU decreased from 3,278,769 to 3,225,710, or -1.6 percent from the previous year.

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	948,944	29.42%	31.24%	-1.82%
Research	21,160	0.66%	0.57%	0.09%
Public Service	133,263	4.13%	2.73%	1.40%
Student Service	1,693,855	52.51%	50.66%	1.85%
Other	428,488	13.28%	14.81%	-1.52%

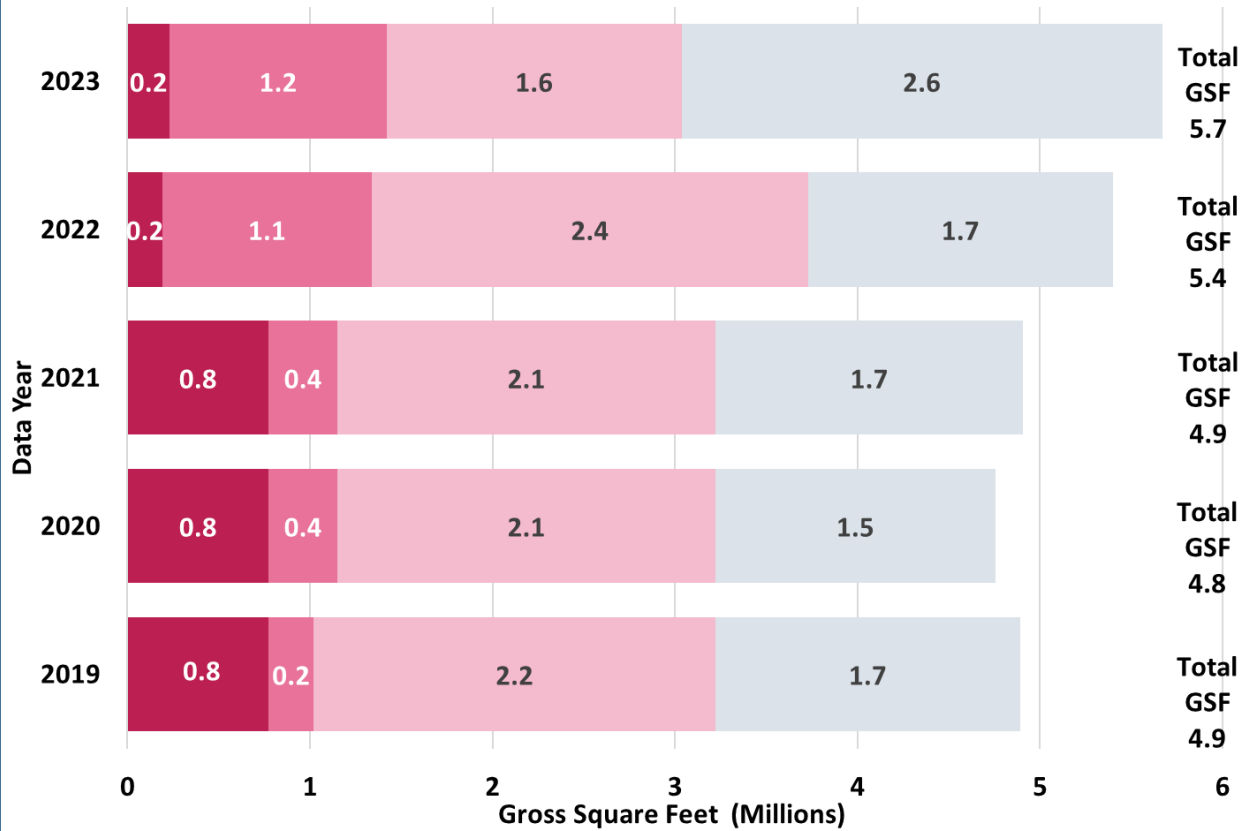


Building Characteristics

Appalachian State University has 5,692,838 gross square feet of space comprised of 121 buildings (21 residential, 100 non-residential; 43 appropriated, 78 non-appropriated; 88 owned, 6 leased, 27 under other agreement terms) with 3,225,710 square feet of assignable space, having increased by 14.7 percent within the last five years. Since 2022, gross square footage has increased by 60,003 SF, or 1.1 percent.

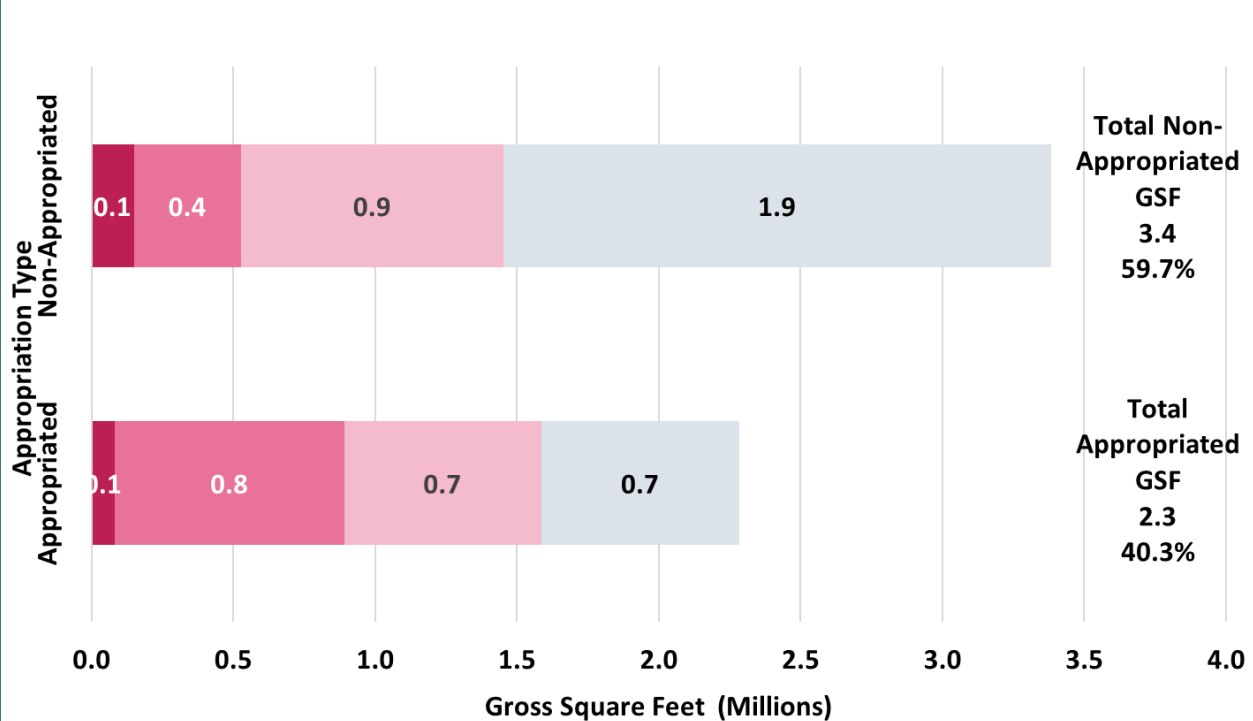
Appalachian State University Building Characteristics	
121 Total Buildings	
43 Appropriated	88 Owned
78 Non-Appropriated	6 Leased
27 Other Agreement	
121 Total	121 Total

Figure 9 - Total Gross Square Feet by Condition* Type (in Millions), 2019-2023



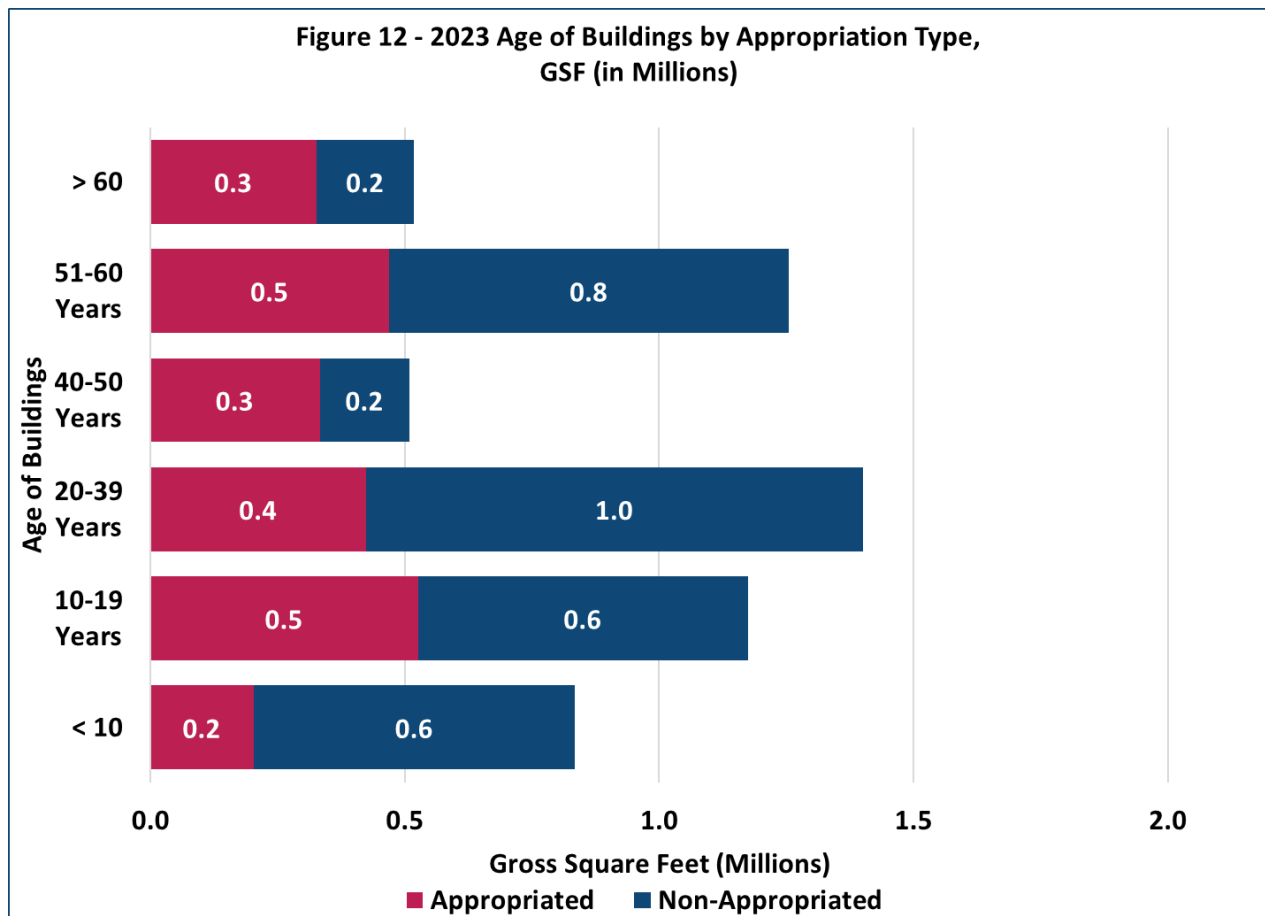
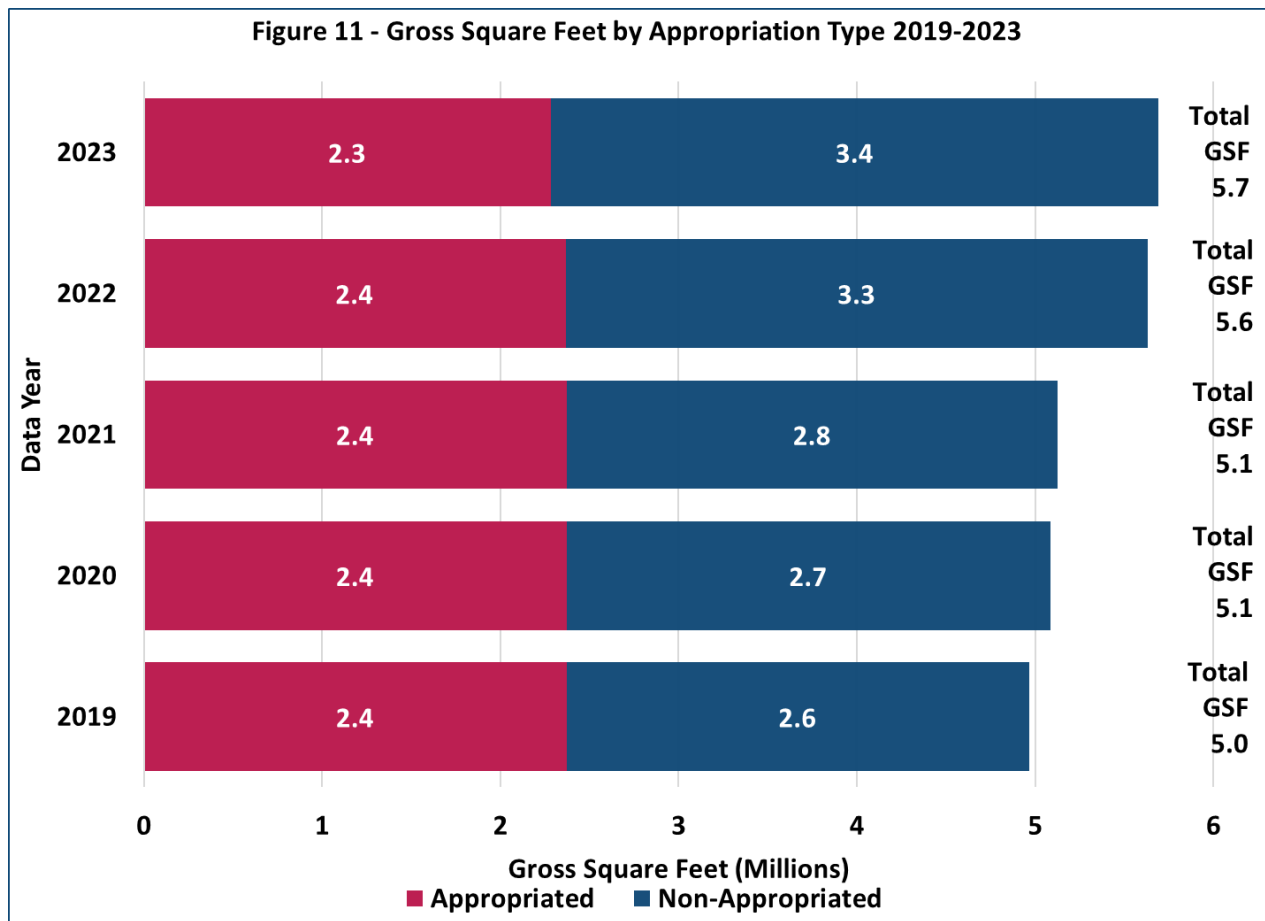
*Excludes condition codes 5 - Demolition, and 6 - Termination.

Figure 10 - Total and % Total Gross Square Feet by Condition* and Appropriation Type (in Millions), 2023



*Excludes condition codes 5 - Demolition, and 6 - Termination.

Appalachian State University Summary



East Carolina University Summary

Founded as a teachers college in 1907, East Carolina University is today the only public university in the state with a dental school, medical school, and college of engineering. Located in Greenville, ECU's motto is *Servire*, "service," and its faculty, staff, and almost 29,000 students live by this creed every day. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university. The data in this summary excludes East Carolina Health Affairs.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

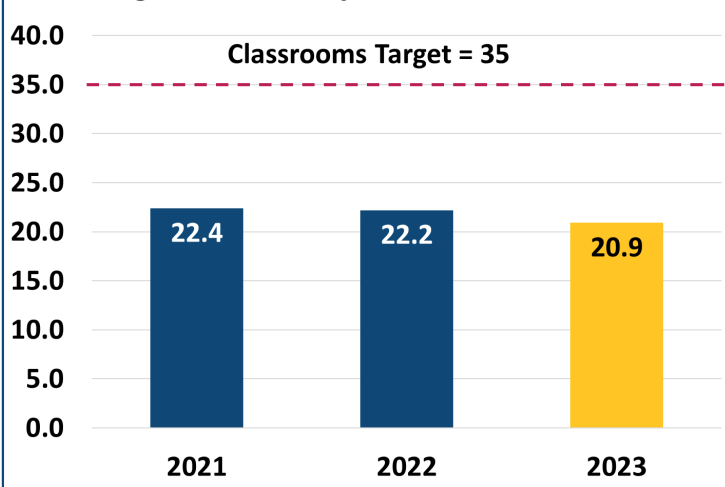


Figure 2 - Weekly Hours for Class Labs

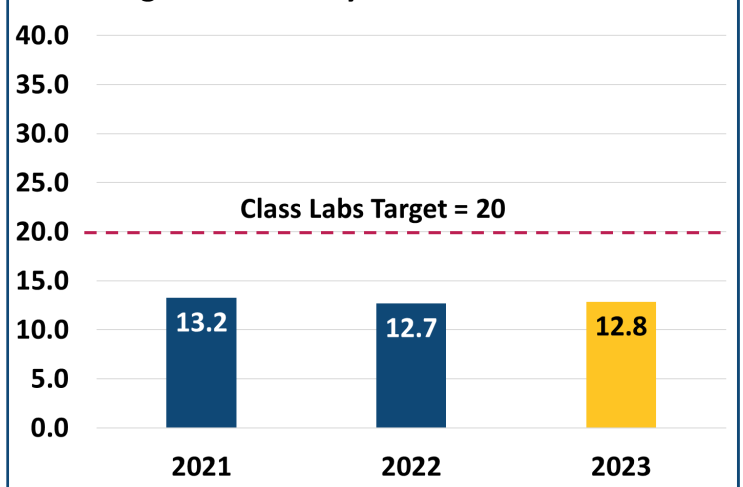


Figure 5 - Station Fill for Classrooms

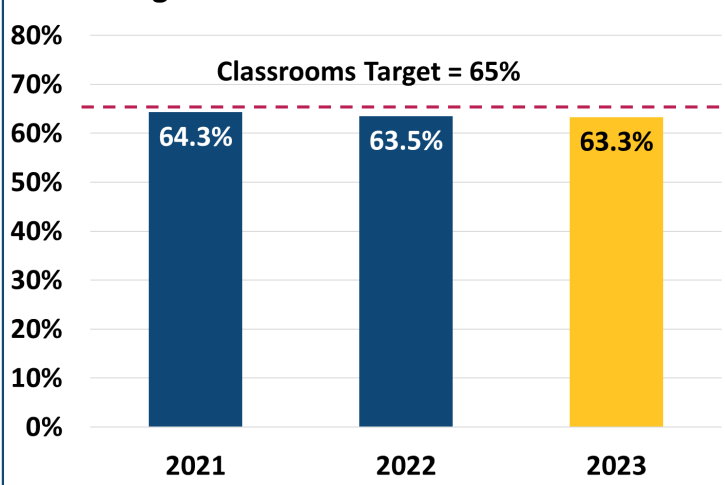
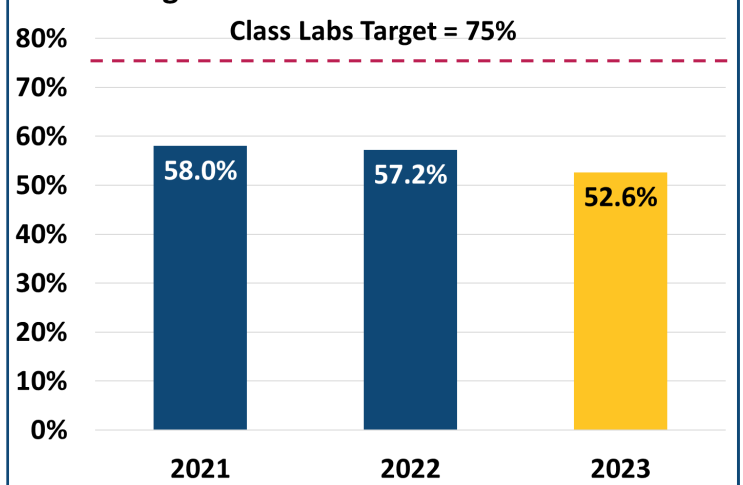


Figure 6 - Station Fill for Class Labs

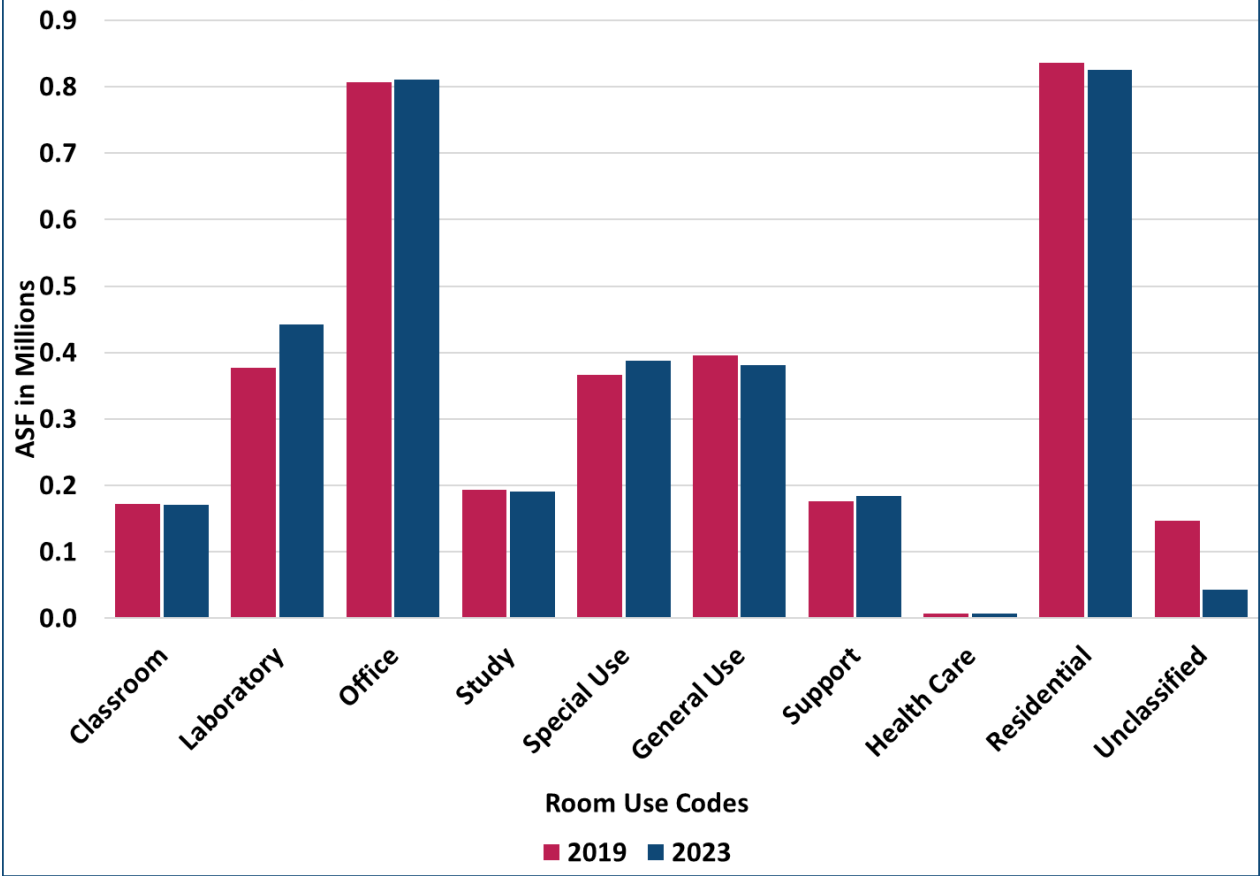


Room Space Characteristics

In 2023, the assignable square feet at ECU decreased from 3,445,250 to 3,443,665, or -0.05 percent from the previous year.

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	1,053,048	30.58%	28.98%	1.59%
Research	128,588	3.73%	3.12%	0.61%
Public Service	9,669	0.28%	0.28%	0.00%
Student Service	1,591,342	46.21%	45.96%	0.25%
Other	661,018	19.20%	21.66%	-2.46%

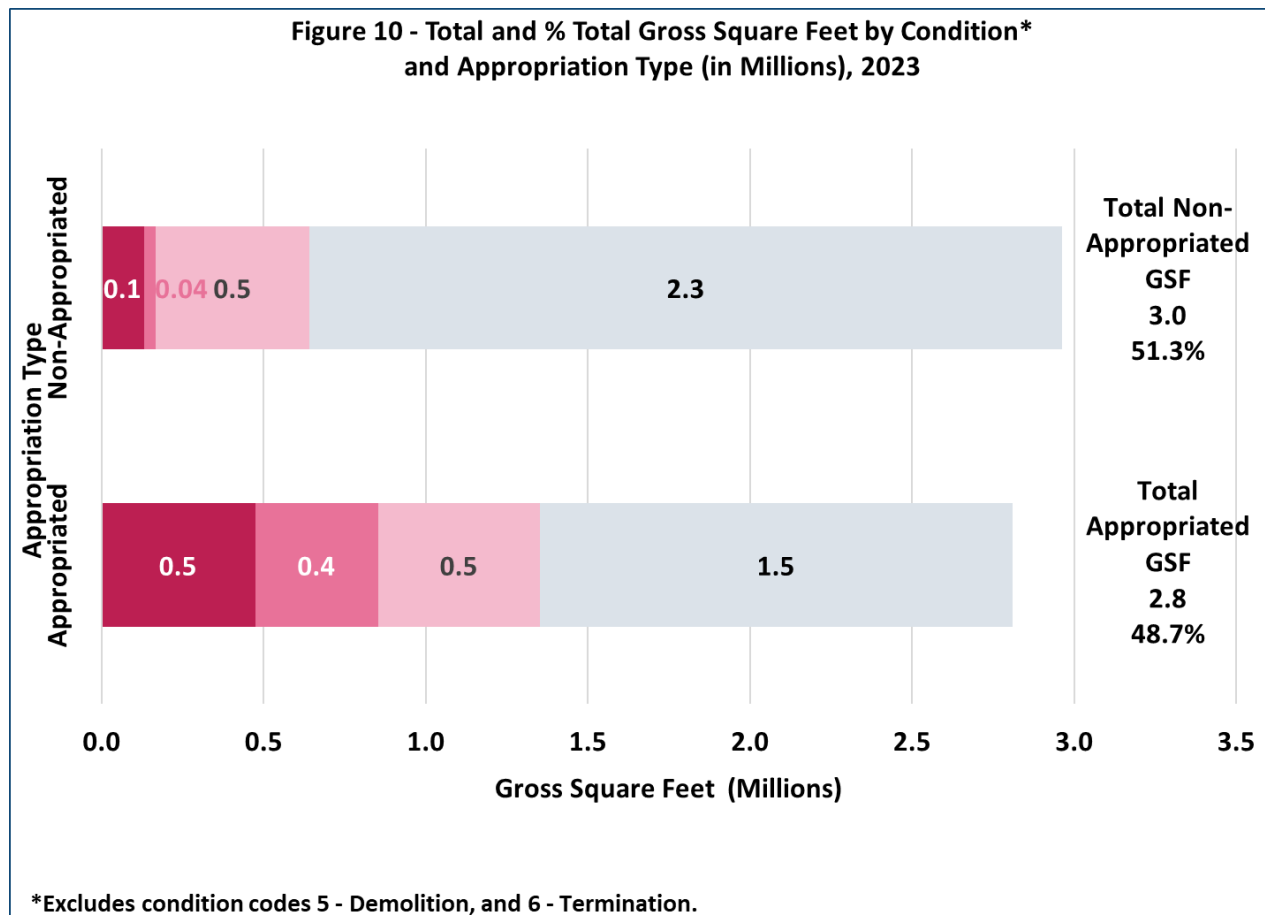
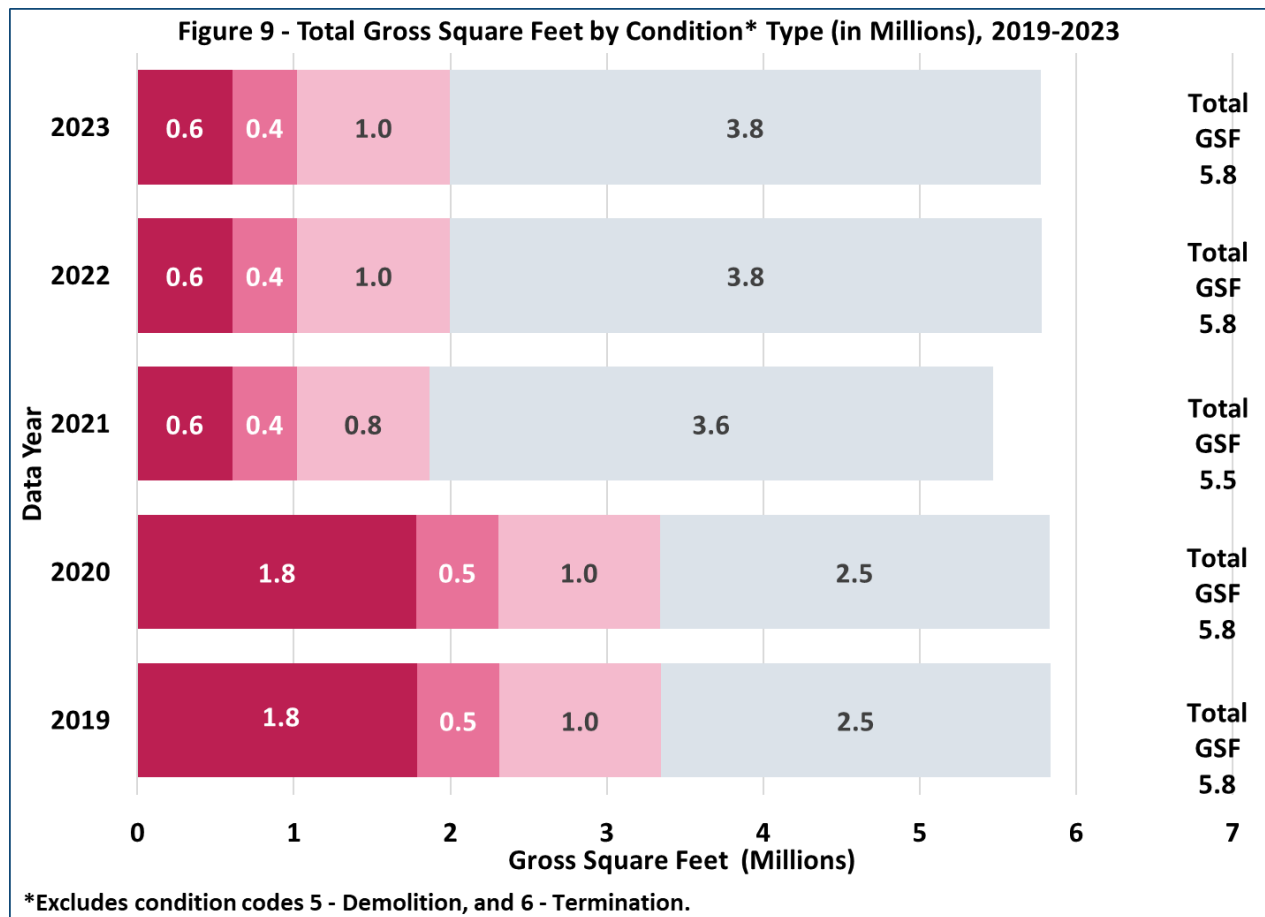
Figure 8 - Assignable Square Feet by Room Use Code, 2019 and 2023



Building Characteristics

East Carolina University has 5,786,926 gross square feet of space comprised of 169 buildings (18 residential, 151 non-residential; 100 appropriated, 69 non-appropriated; 147 owned, 11 leased, 11 under other agreement terms) with 3,443,665 square feet of assignable space, having decreased by -1.0 percent within the last five years. Since 2022, gross square footage has decreased -6,992 SF, or -0.1 percent.

East Carolina University Building Characteristics	
169 Total Buildings	
100 Appropriated	147 Owned
69 Non-Appropriated	11 Leased
	11 Other Agreement
169 Total	169 Total



East Carolina University Summary

Figure 11 - Gross Square Feet by Appropriation Type 2019-2023

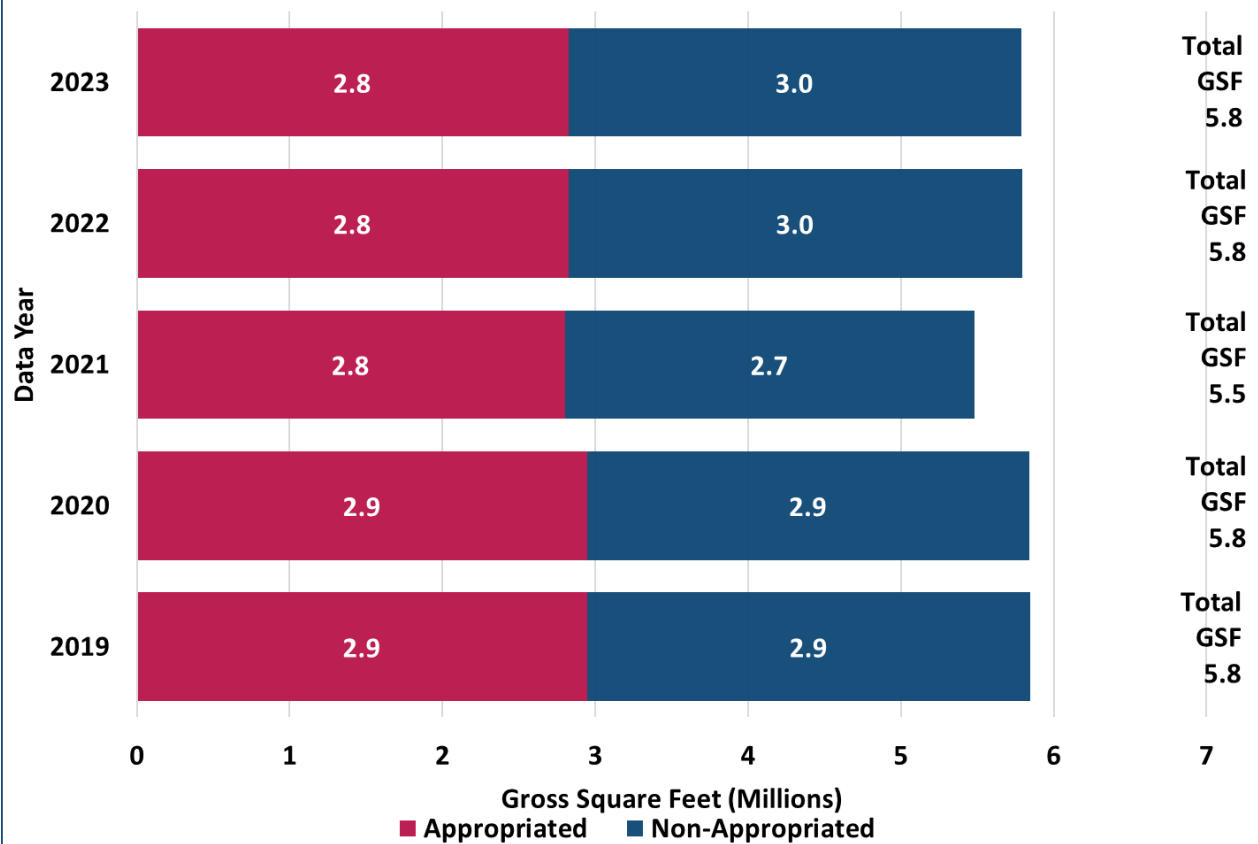
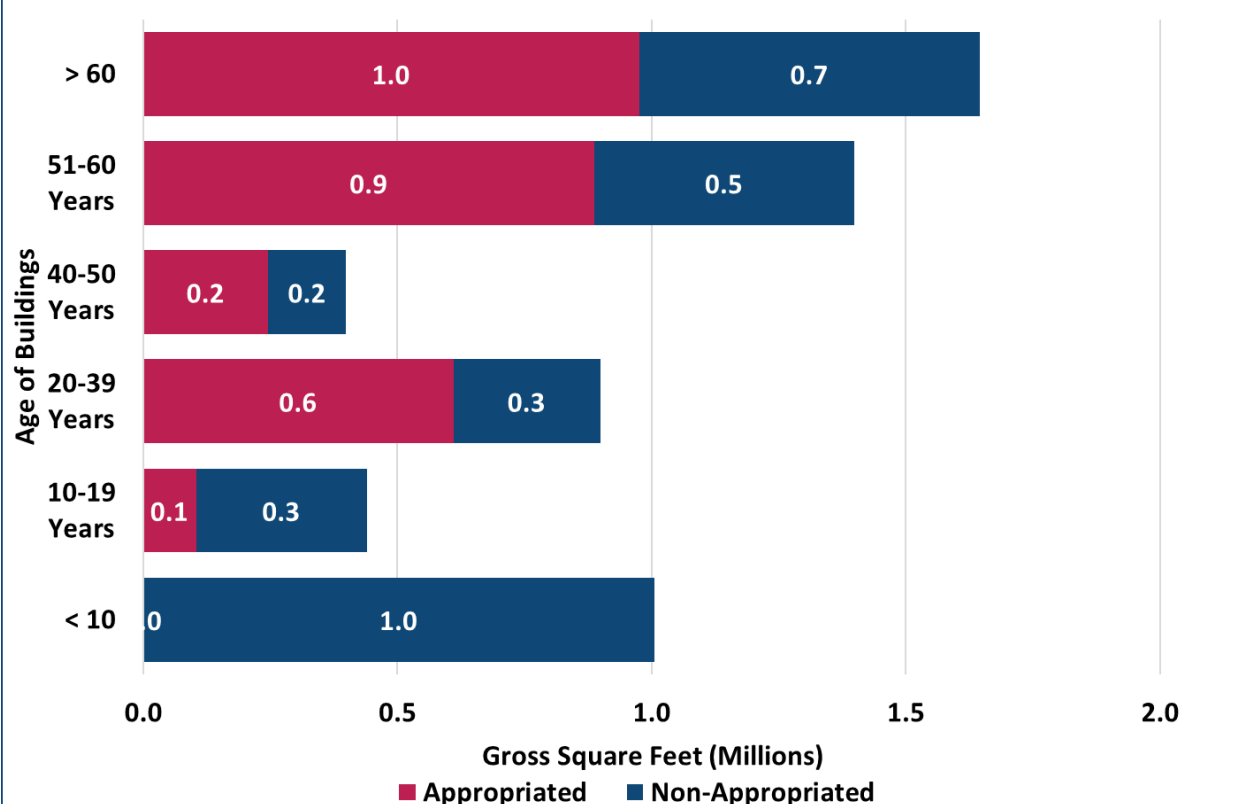


Figure 12 - 2023 Age of Buildings by Appropriation Type, GSF (in Millions)



Elizabeth City State University Summary

Nestled in Elizabeth City in northeastern North Carolina, ECSU is the most affordable public institution in the UNC System. Founded in 1891 as a normal (teaching) school, students today can obtain a baccalaureate, professional, or master's degree in over 30 undergraduate and graduate degree programs. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

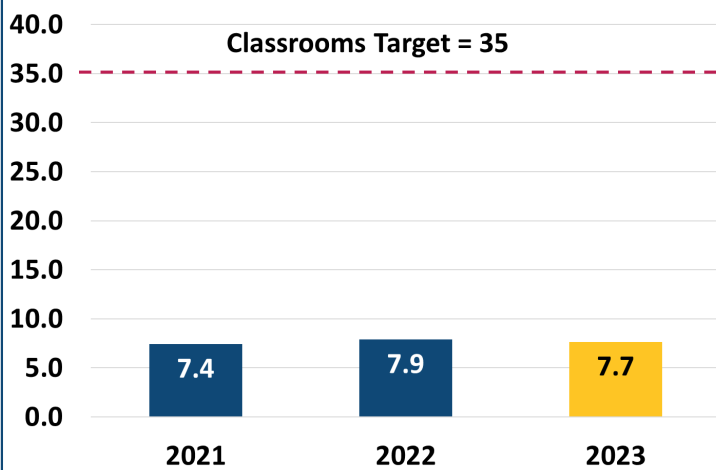


Figure 2 - Weekly Hours for Class Labs

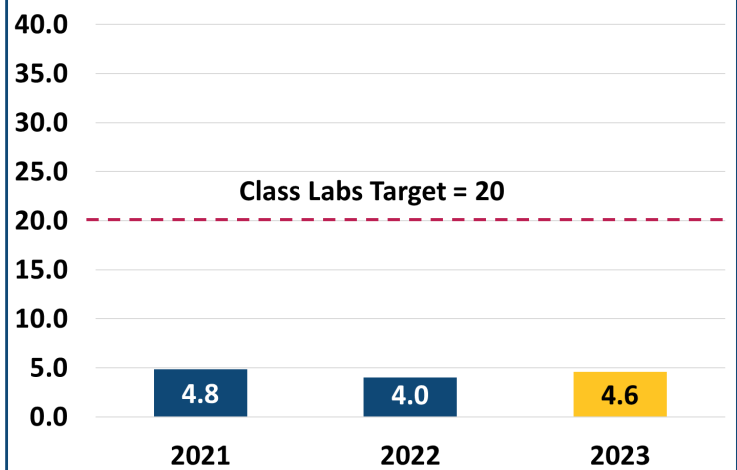


Figure 5 - Station Fill for Classrooms

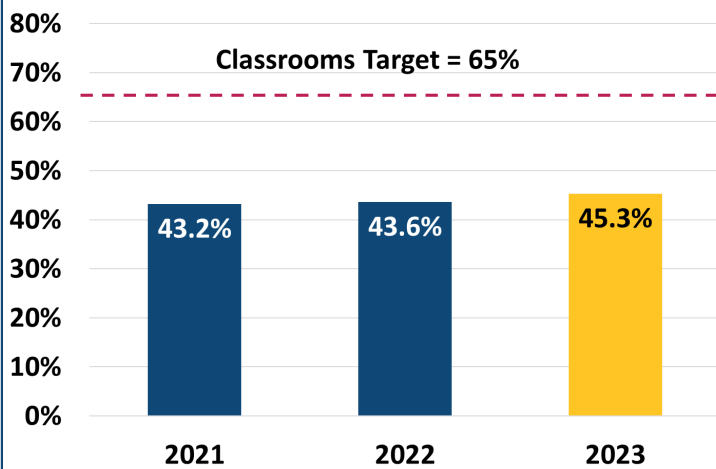
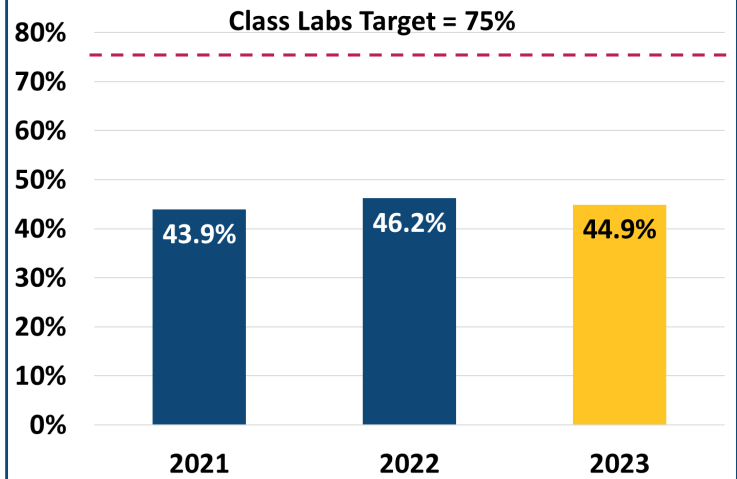


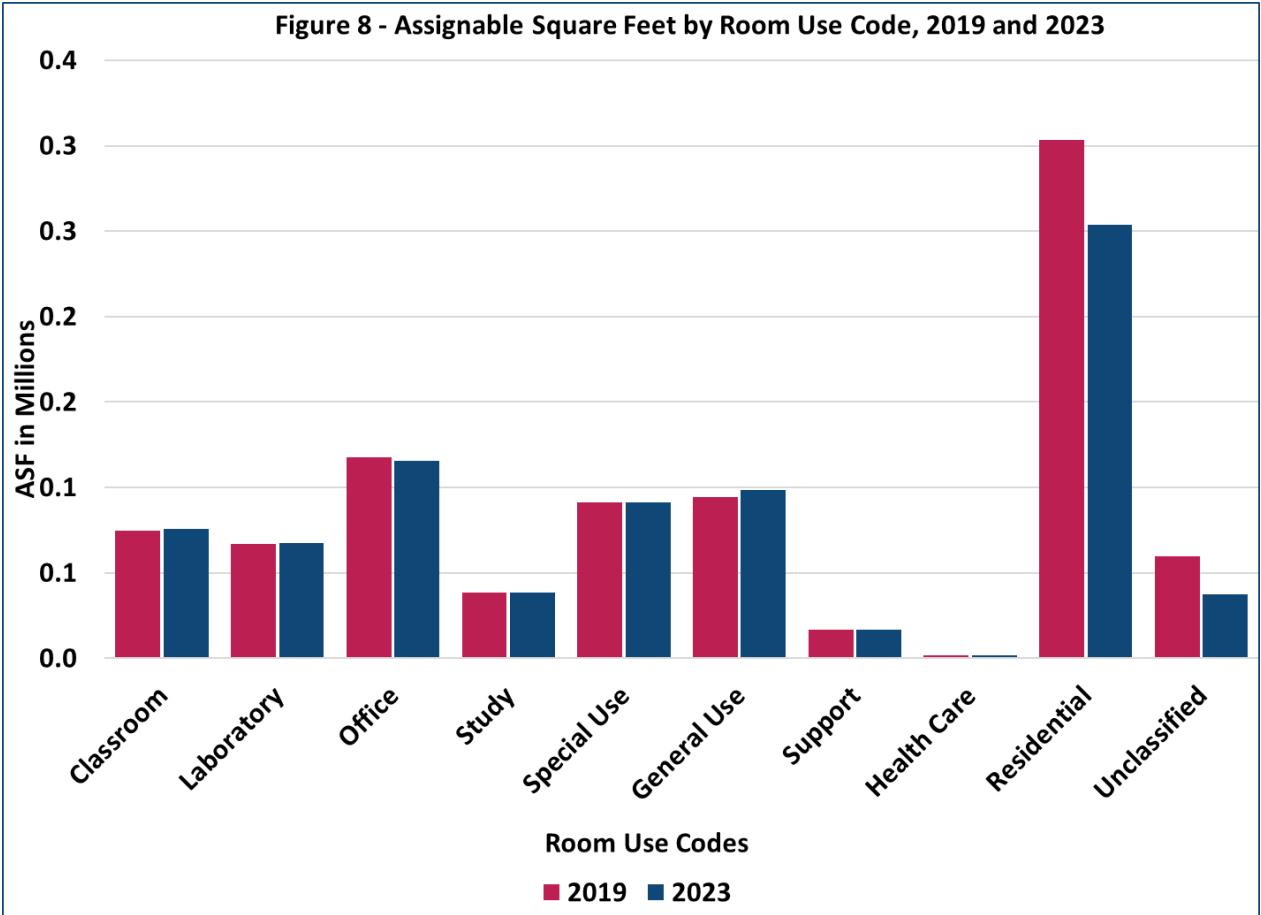
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at ECSU decreased from 800,719 to 796,769, or -0.5 percent compared to the previous year.

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	271,541	34.08%	30.42%	3.66%
Research	2,774	0.35%	0.32%	0.03%
Public Service	18,787	2.36%	2.18%	0.18%
Student Service	355,352	44.60%	46.13%	-1.54%
Other	148,315	18.61%	20.94%	-2.33%

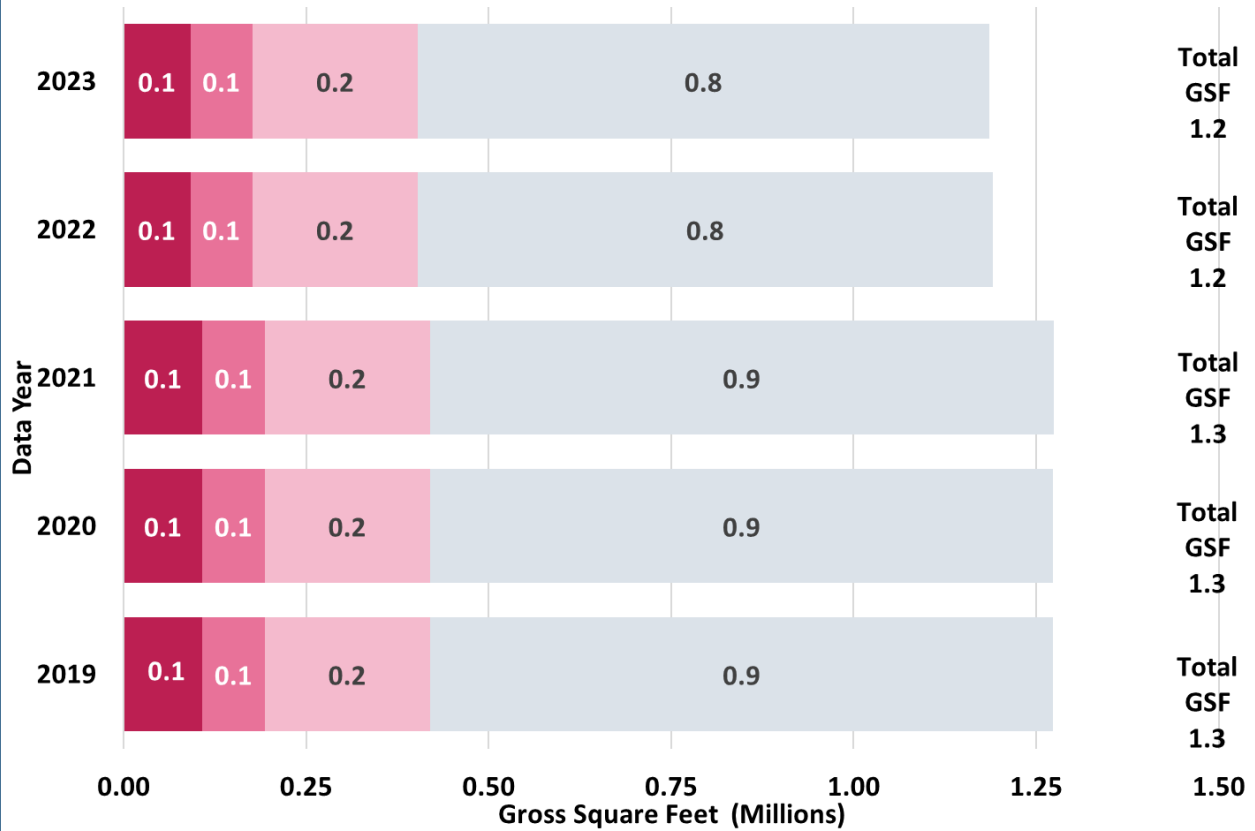


Building Characteristics

Elizabeth City State University has 1,194,456 gross square feet of space comprised of 43 buildings (8 residential, 35 non-residential; 28 appropriated, 15 non-appropriated; 42 owned, 0 leased, 1 under other agreement terms) with 796,769 square feet of assignable space, having decreased by -7.9 percent within the last five years. Since 2022, gross square footage has decreased by -4,896 SF, or -0.4 percent.

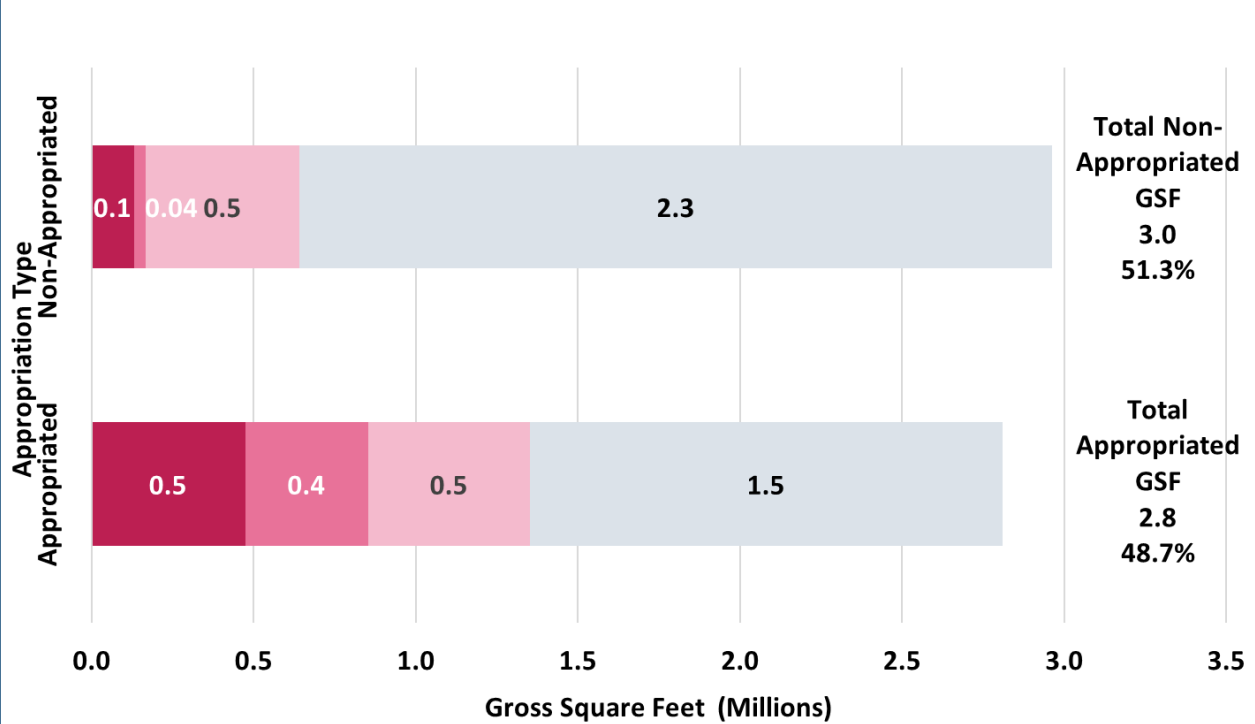
Elizabeth City State University Building Characteristics			
43 Total Buildings			
28 Appropriated		42 Owned	
15 Non-Appropriated		0 Leased	
43 Total		1 Other Agreement	
		43 Total	

Figure 9 - Total Gross Square Feet by Condition* Type (in Millions), 2019-2023



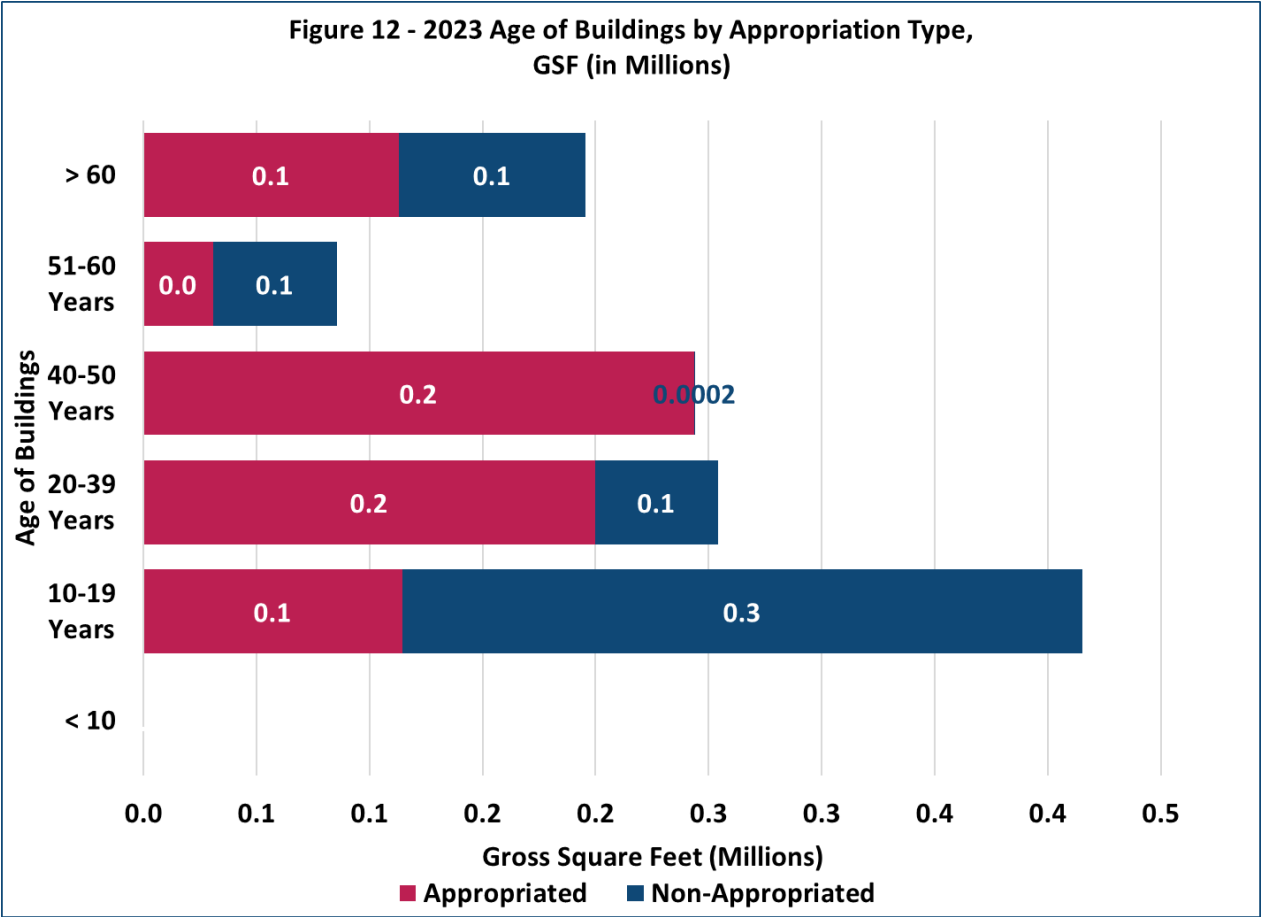
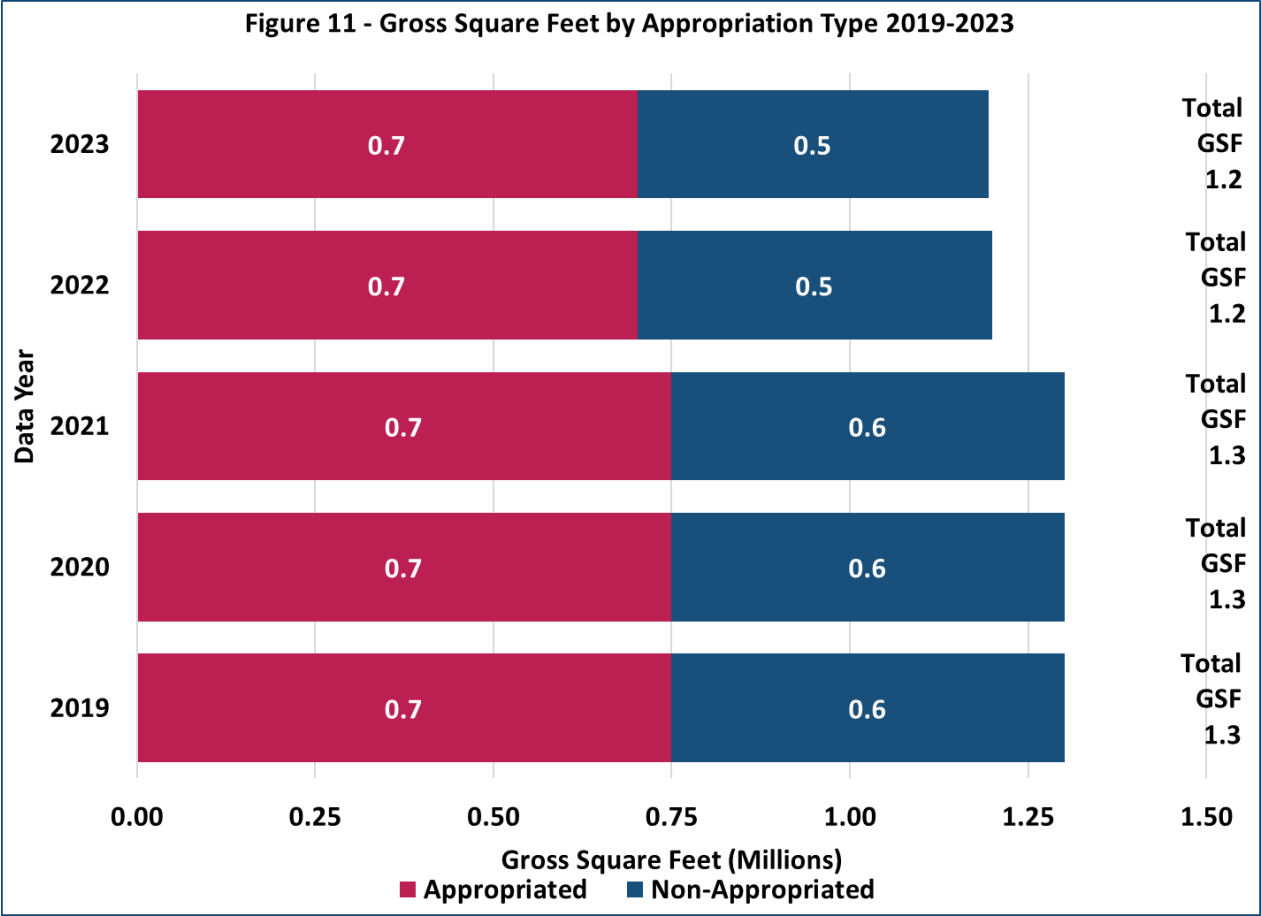
*Excludes condition codes 5 - Demolition, and 6 - Termination.

Figure 10 - Total and % Total Gross Square Feet by Condition* and Appropriation Type (in Millions), 2023



*Excludes condition codes 5 - Demolition, and 6 - Termination.

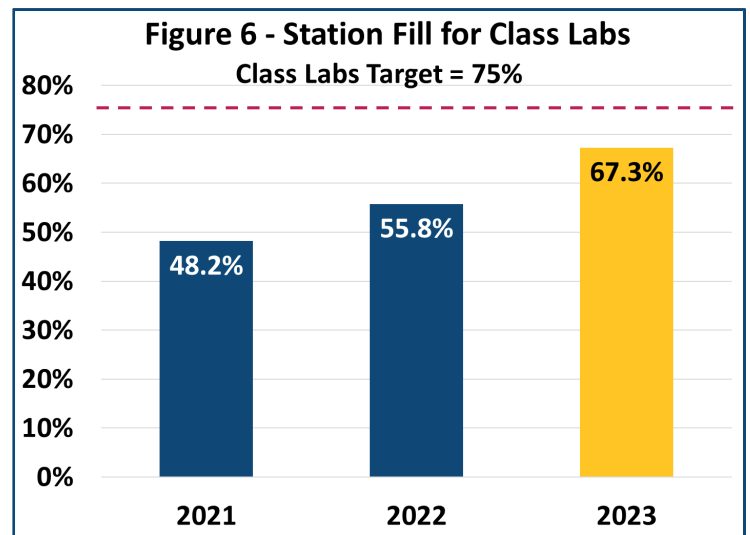
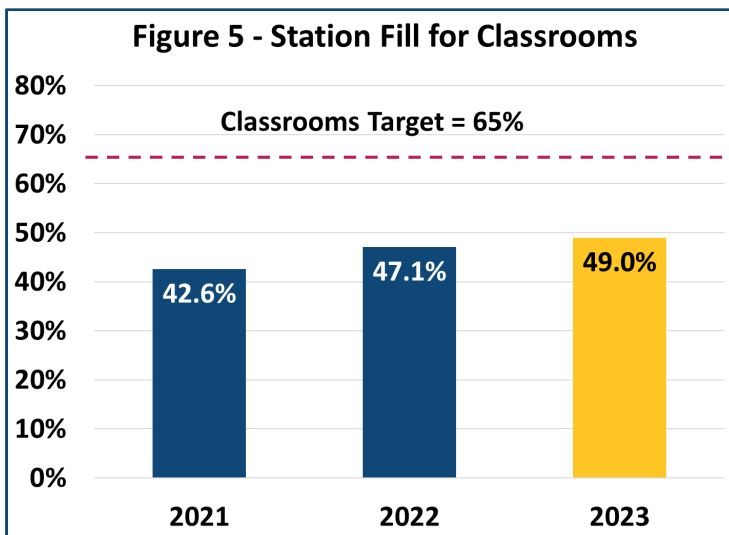
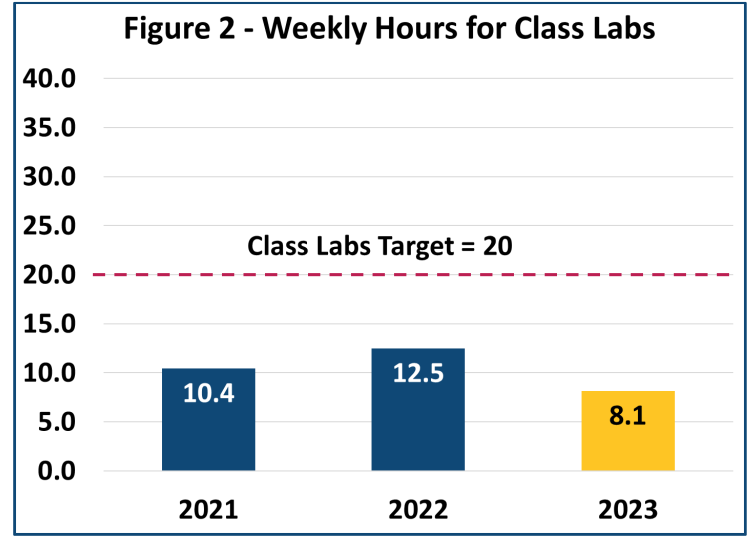
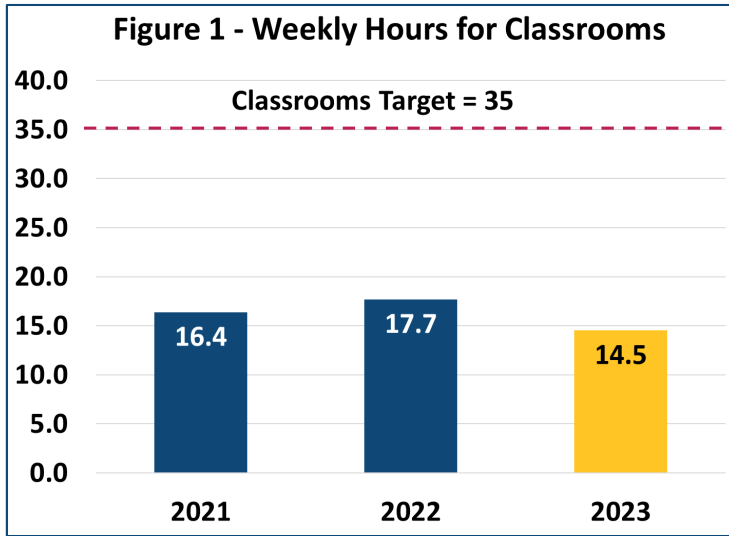
Elizabeth City State University Summary



Fayetteville State University Summary

Founded in 1867 in the city of Fayetteville, Fayetteville State University continues the proud legacy of providing a high quality, affordable education. FSU offers 43 degree programs and has options for online learning or the traditional HBCU campus life experience. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

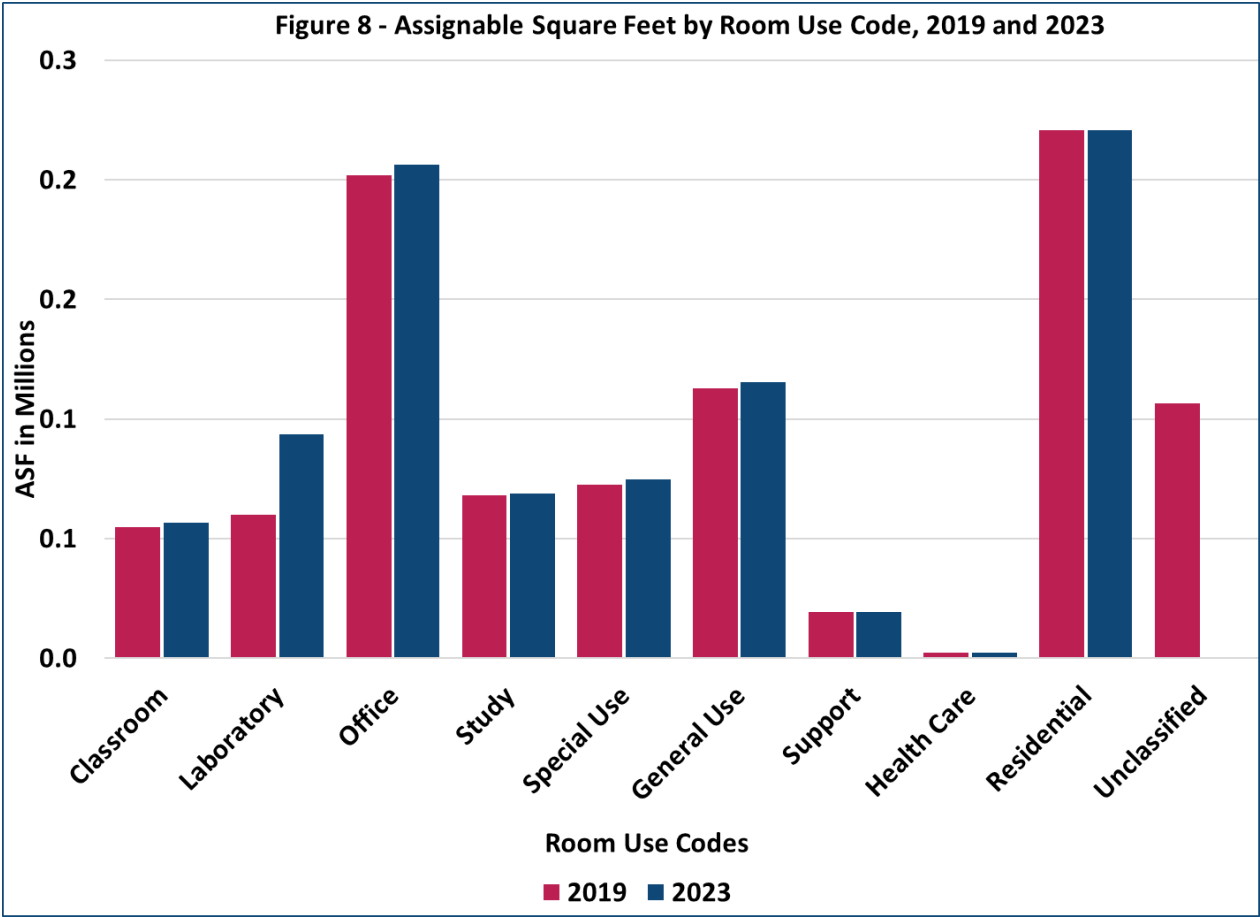
Utilization of Space



Room Space Characteristics

In 2023, the assignable square feet at FSU decreased from 919,639 to 858,068, or -7.2 percent compared to the previous year.

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	299,137	34.86%	28.10%	6.76%
Research	15,066	1.76%	1.01%	0.75%
Public Service	1,013	0.12%	0.11%	0.01%
Student Service	376,949	43.93%	41.13%	2.80%
Other	165,903	19.33%	29.66%	-10.32%

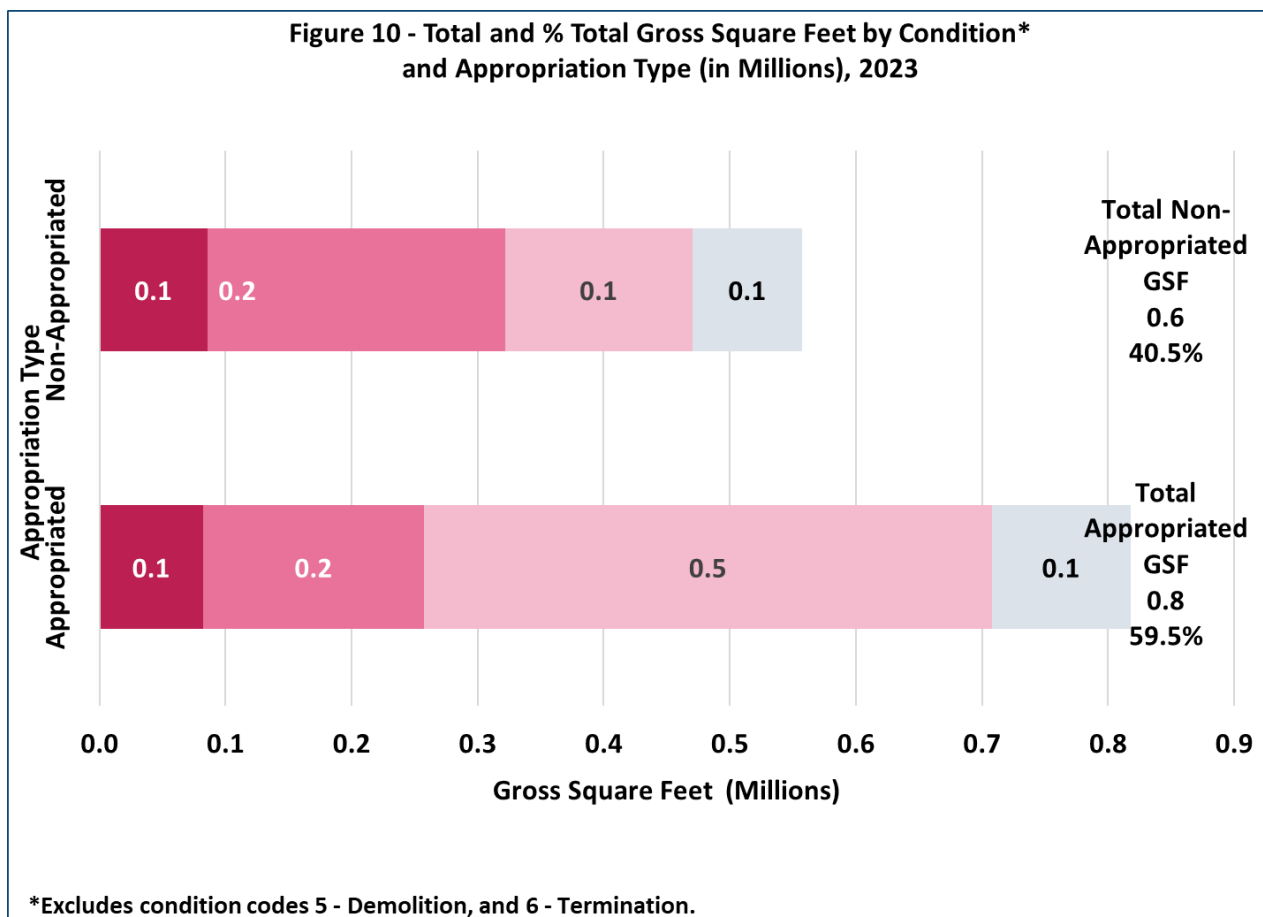
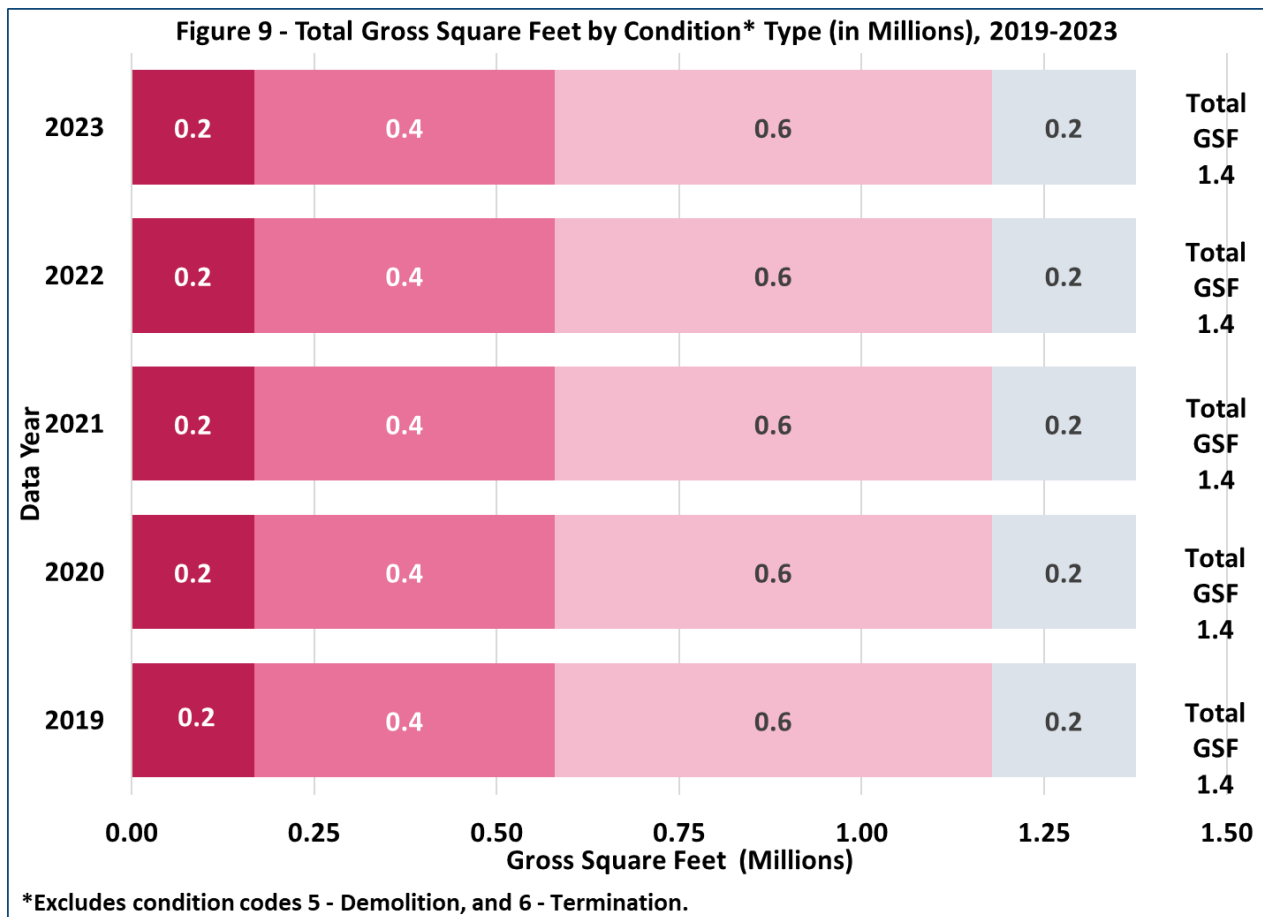


Building Characteristics

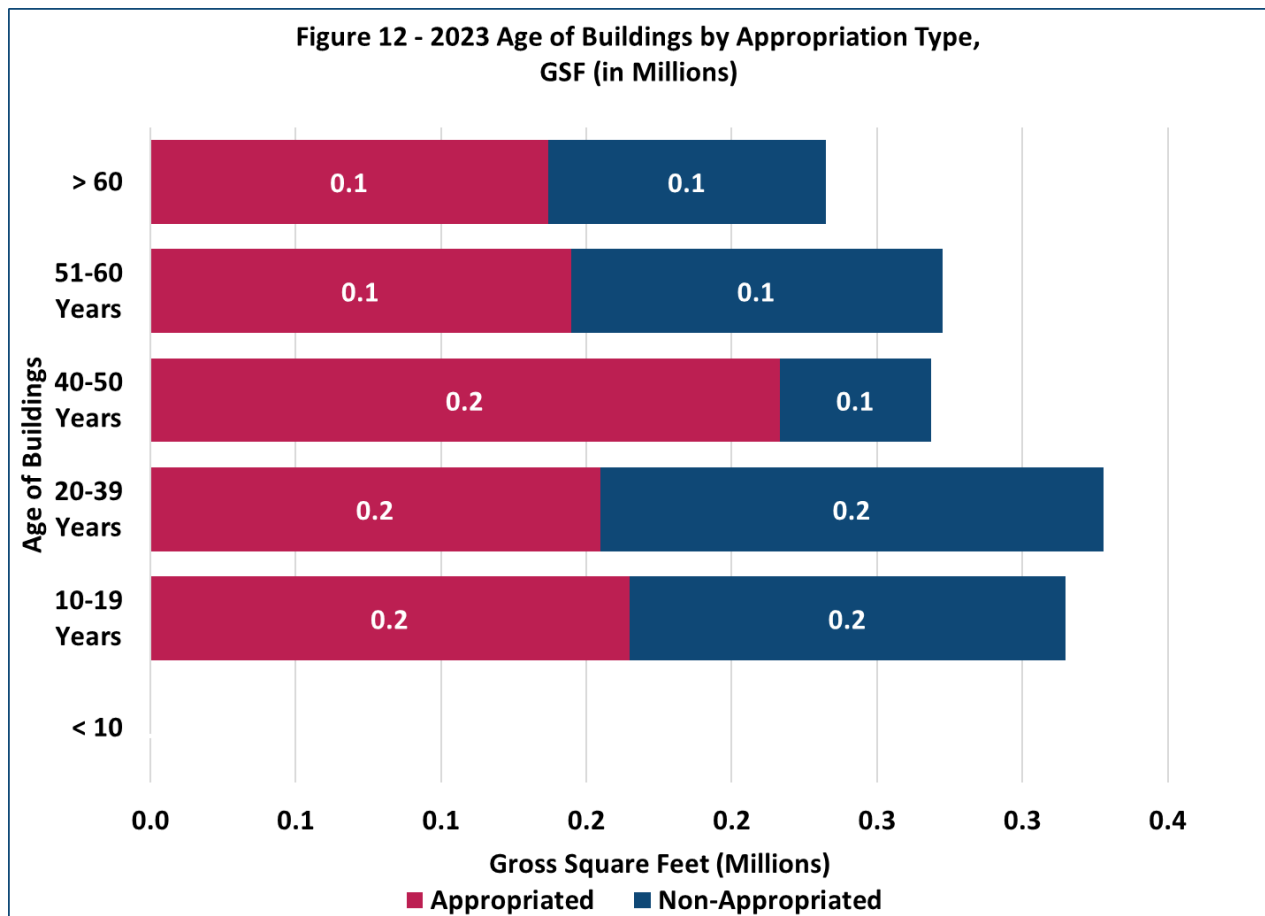
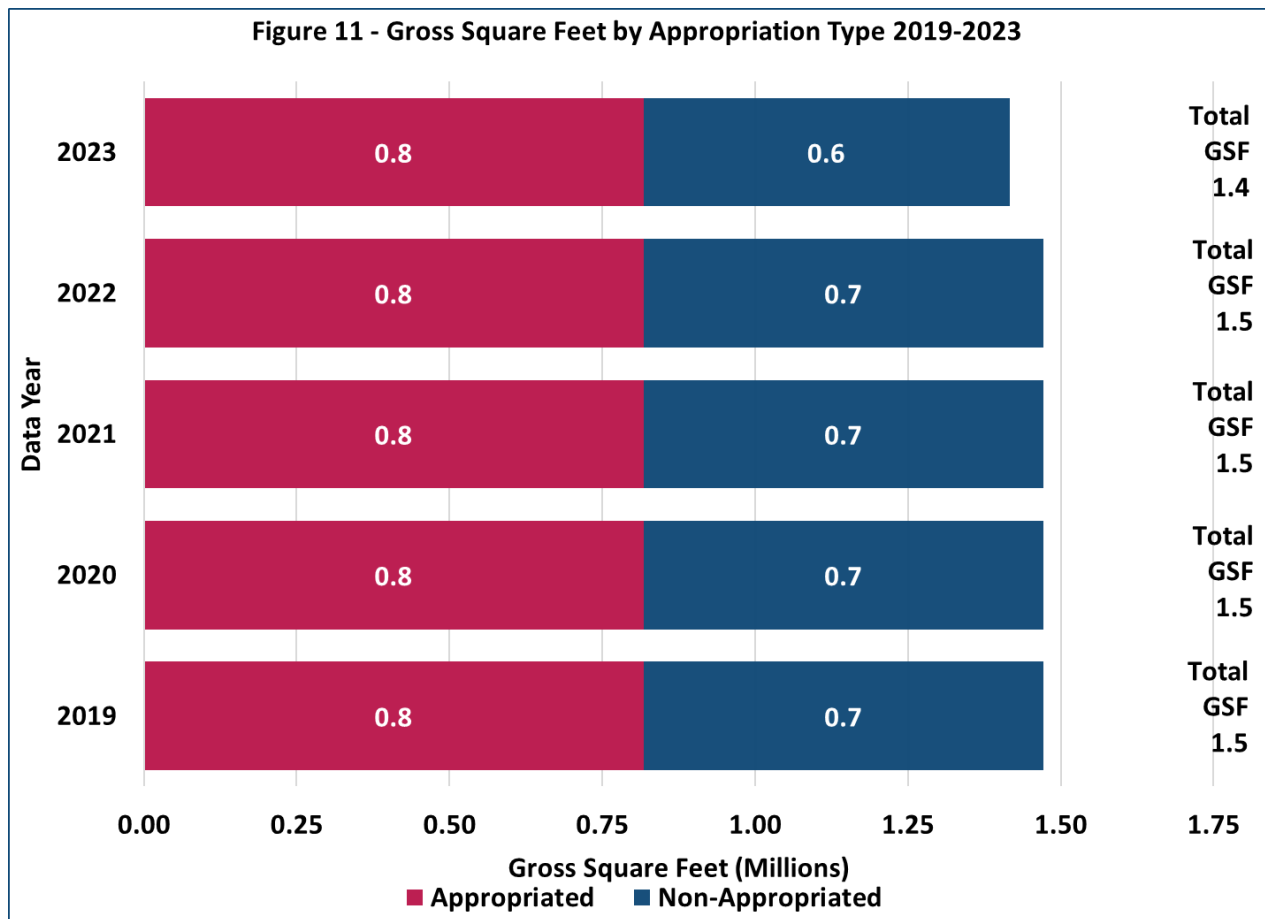
Fayetteville State University has 1,416,280 gross square feet of space comprised of 49 buildings (9 residential, 40 non-residential; 31 appropriated, 18 non-appropriated; 45 owned, 0 leased, 4 under other agreement terms) with 858,068

Fayetteville State University Building Characteristics	
49 Total Buildings	
31 Appropriated	45 Owned
18 Non-Appropriated	0 Leased
49 Total	4 Other Agreement
	49 Total

square feet of assignable space, having decreased by 6.7 percent within the last five years. Since 2022, gross square footage has decreased by -55,917, or -3.8 percent.



Fayetteville State University Summary



North Carolina A&T State University Summary

For nearly 132 years in Greensboro, North Carolina A&T has believed in the power of students to change the world. As a land grant, doctoral research university, A&T is ranked the number one producer of African American graduates in Engineering and Agriculture and the number one public historically black university in the nation. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

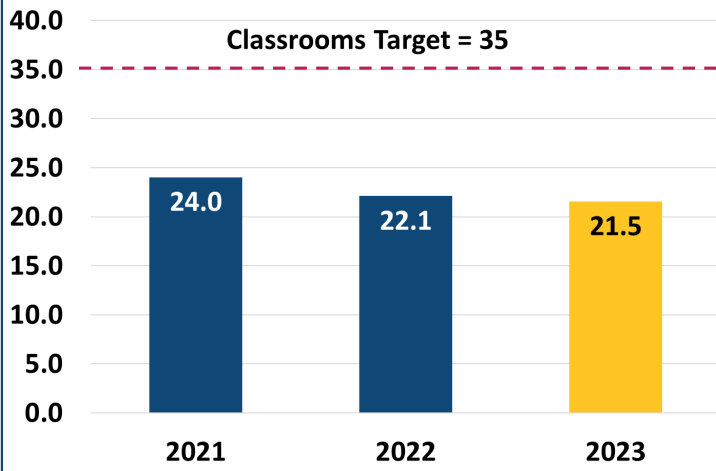


Figure 2 - Weekly Hours for Class Labs

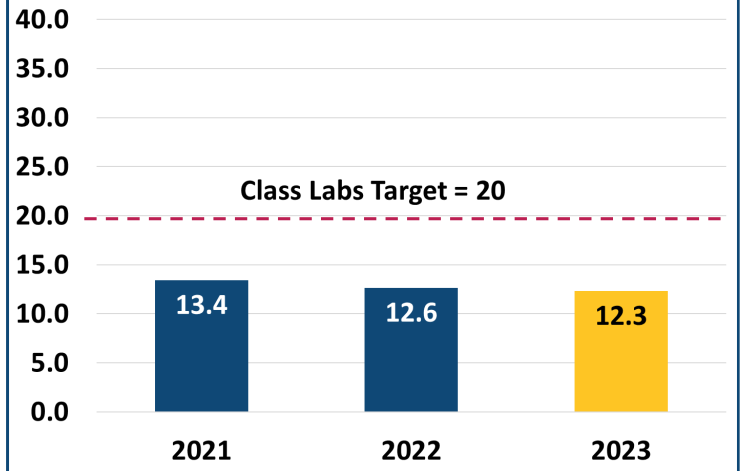


Figure 5 - Station Fill for Classrooms

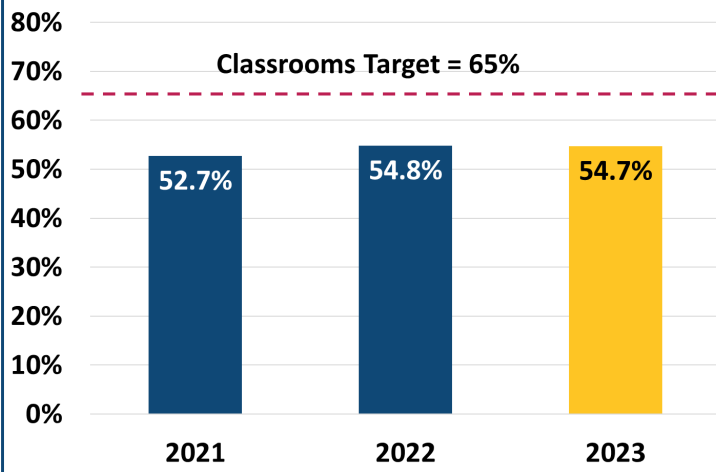
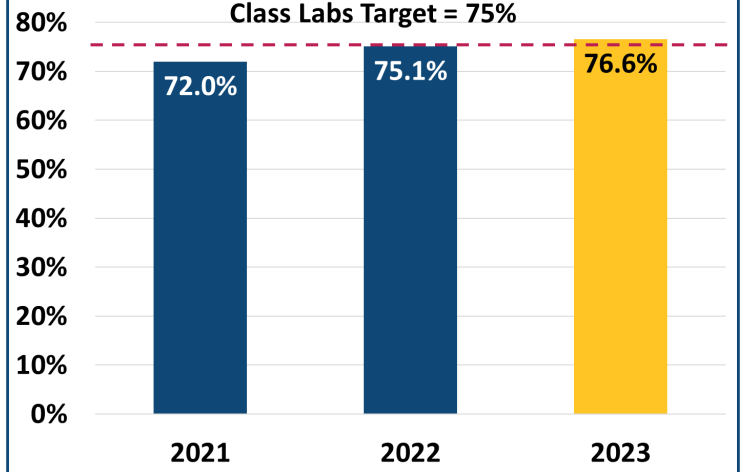


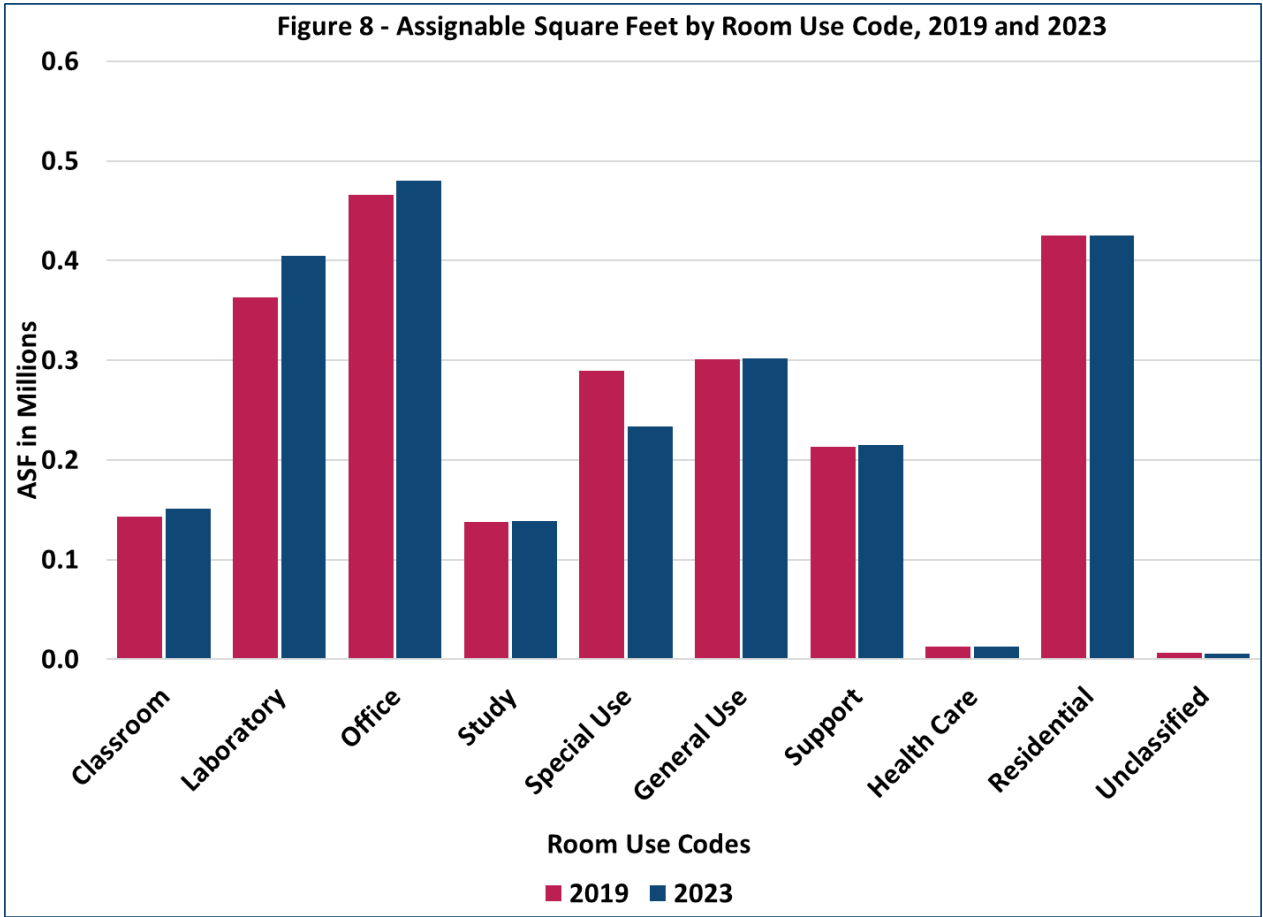
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at N.C. A&T increased from 2,302,589 to 2,369,271, or 2.8 percent compared to the previous year.

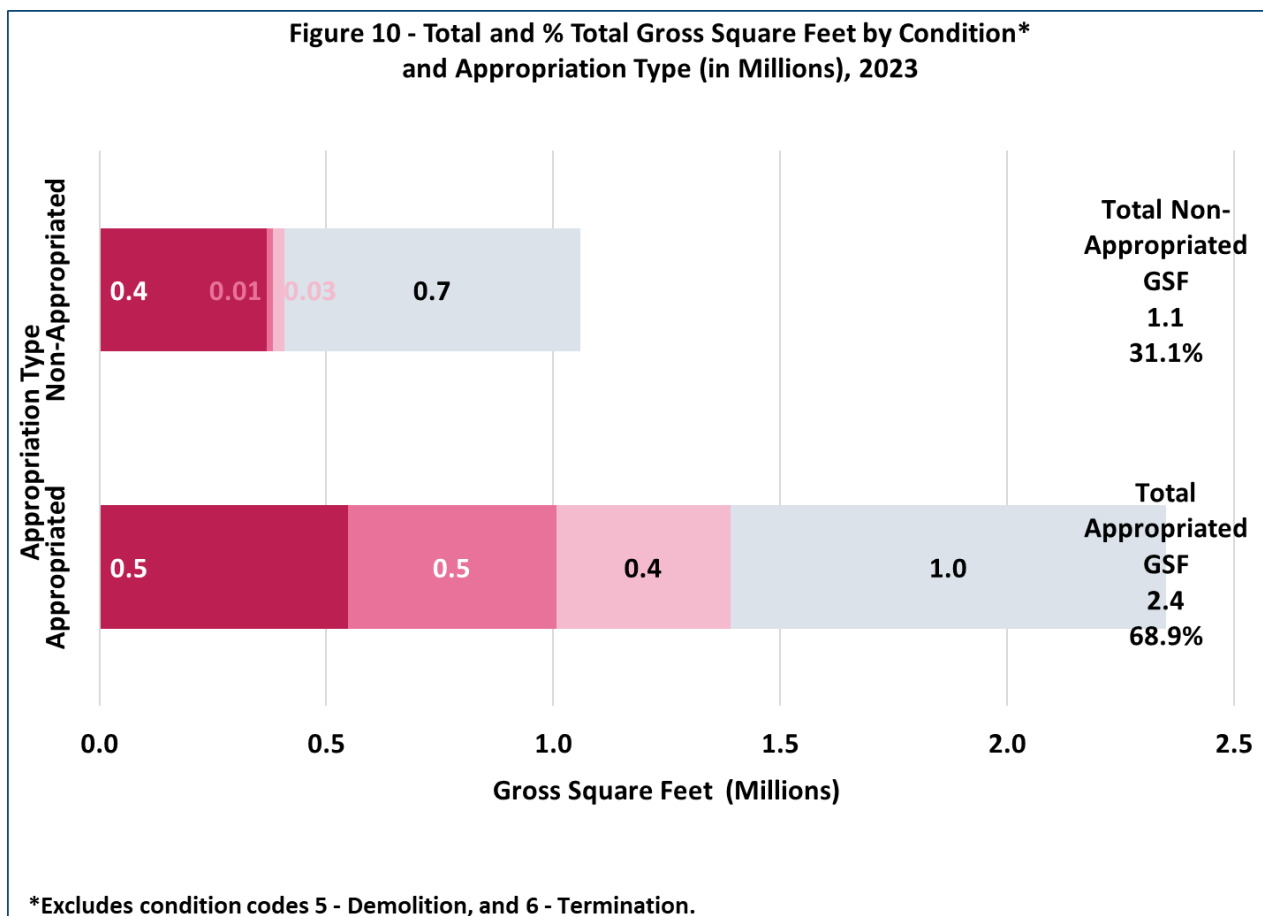
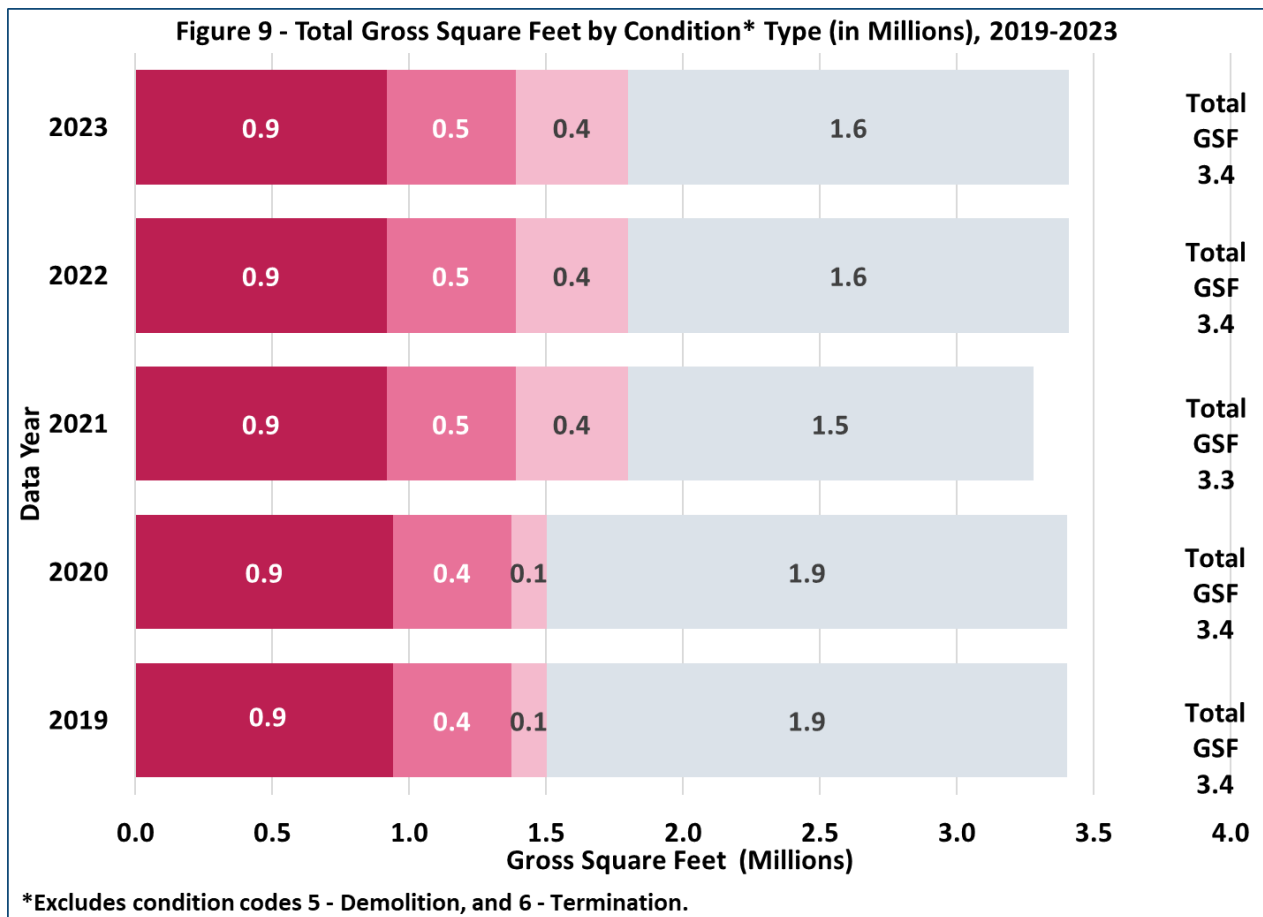
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	690,698	29.15%	31.02%	-1.87%
Research	214,312	9.05%	7.64%	1.41%
Public Service	24,419	1.03%	1.04%	0.00%
Student Service	795,355	33.57%	33.63%	-0.06%
Other	644,487	27.20%	26.68%	0.53%



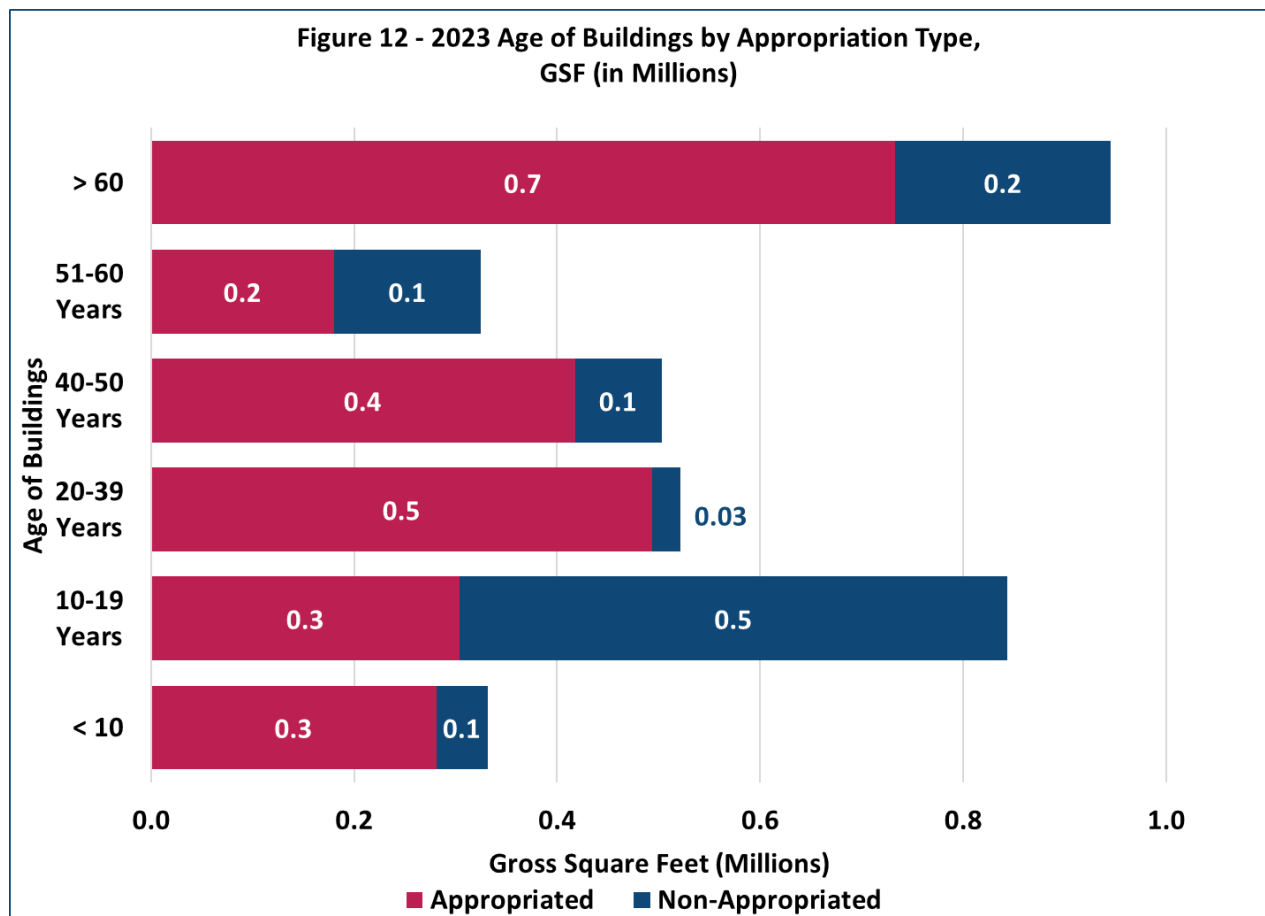
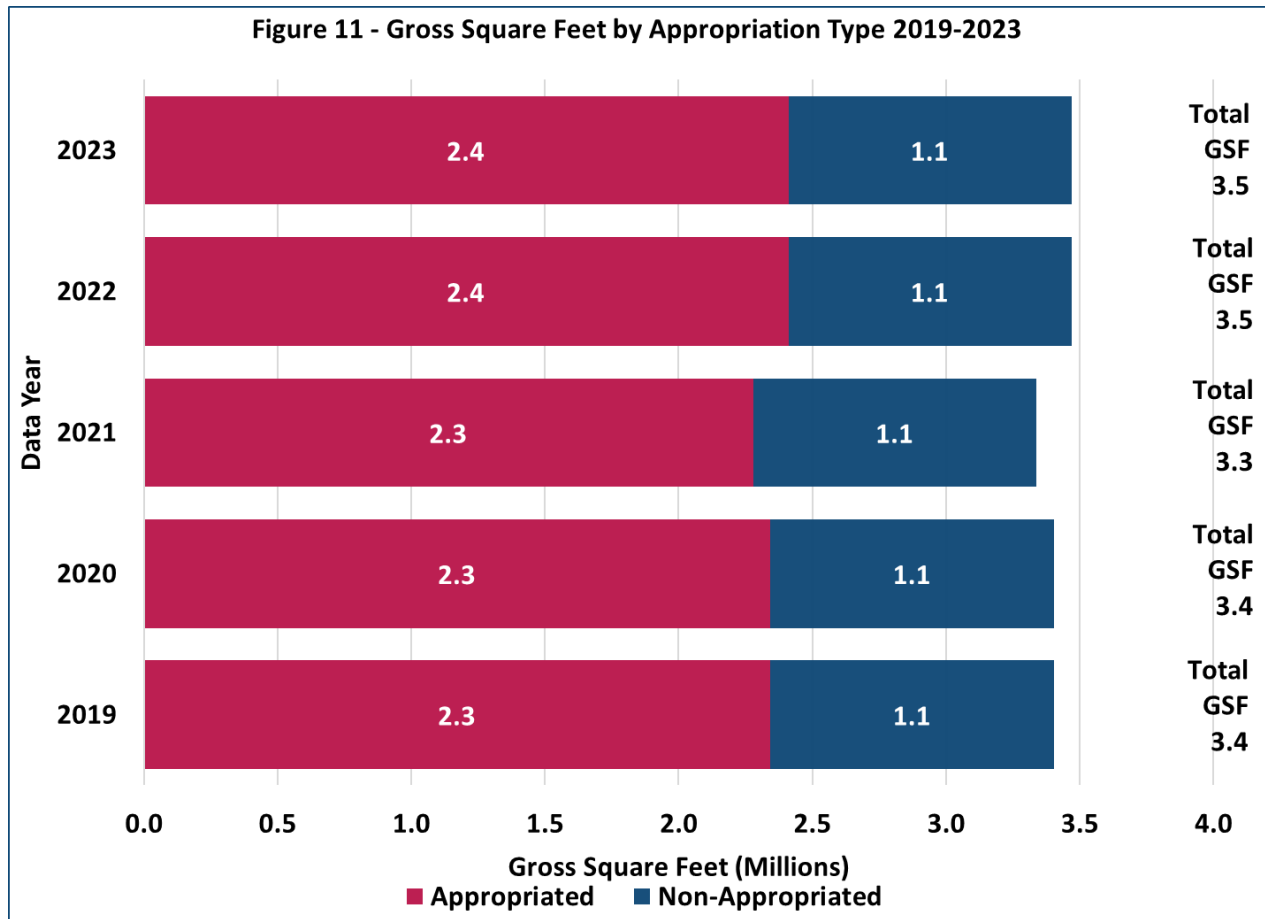
Building Characteristics

North Carolina Agricultural & Technical State University has 3,469,581 gross square feet of space comprised of 121 buildings (14 residential, 107 non-residential; 96 appropriated, 25 non-appropriated; 117 owned, 3 leased, 1 under other agreement terms) with 2,369,271 square feet of assignable space, having increased by 0.4 percent within the last five years. Since 2022, gross square footage has remained unchanged.

N.C. A&T State University Building Characteristics	
121 Total Buildings	
96 Appropriated	117 Owned
25 Non-Appropriated	3 Leased
	1 Other Agreement
121 Total	121 Total



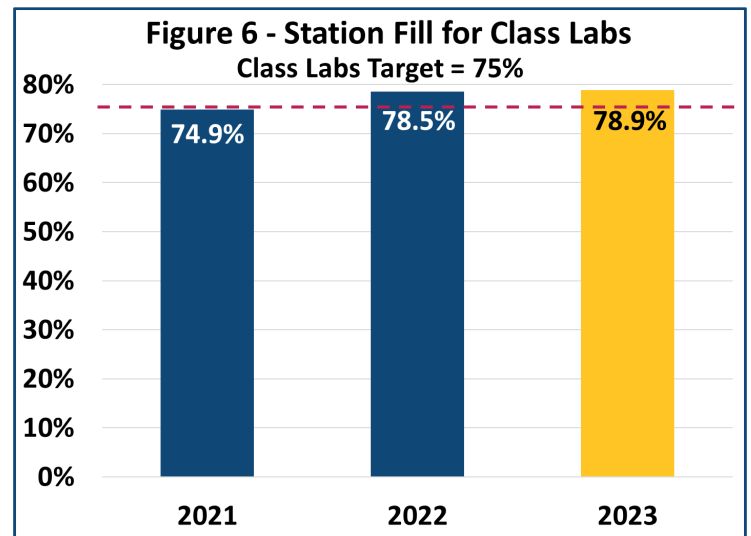
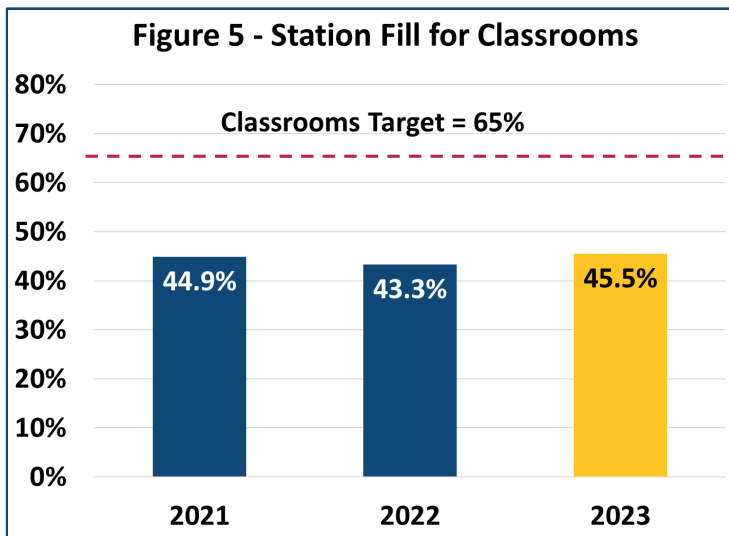
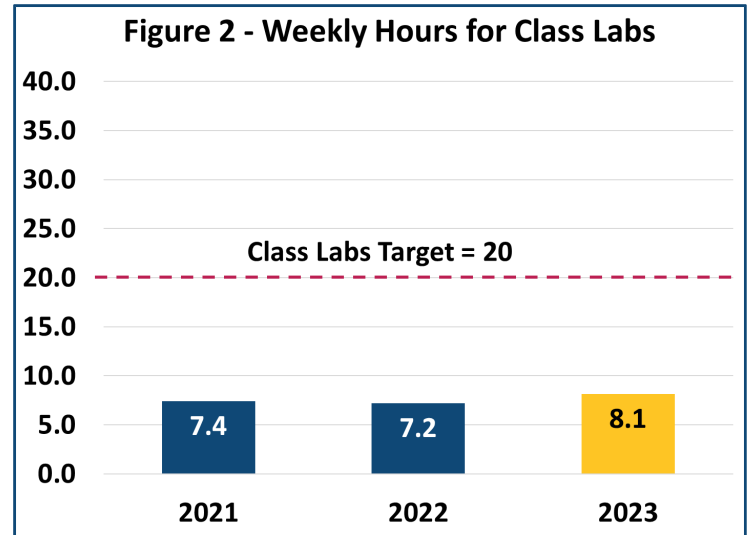
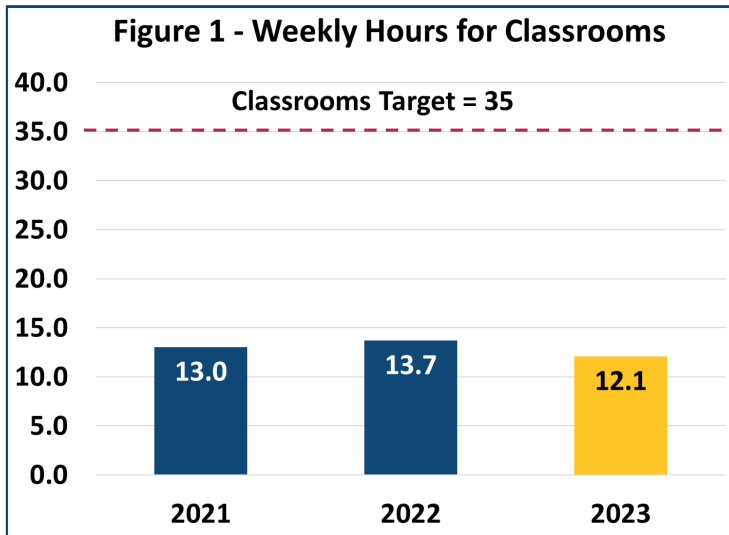
North Carolina Agricultural & Technical State University Summary



North Carolina Central University Summary

North Carolina Central University, a top-ranking southern regional university and historically black university, is located in Durham, adjacent to Research Triangle Park. Established in 1910, the university today offers bachelor’s degrees in 100 disciplines, master’s degrees in more than 40 areas, and a Ph.D. in Integrated Biosciences. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

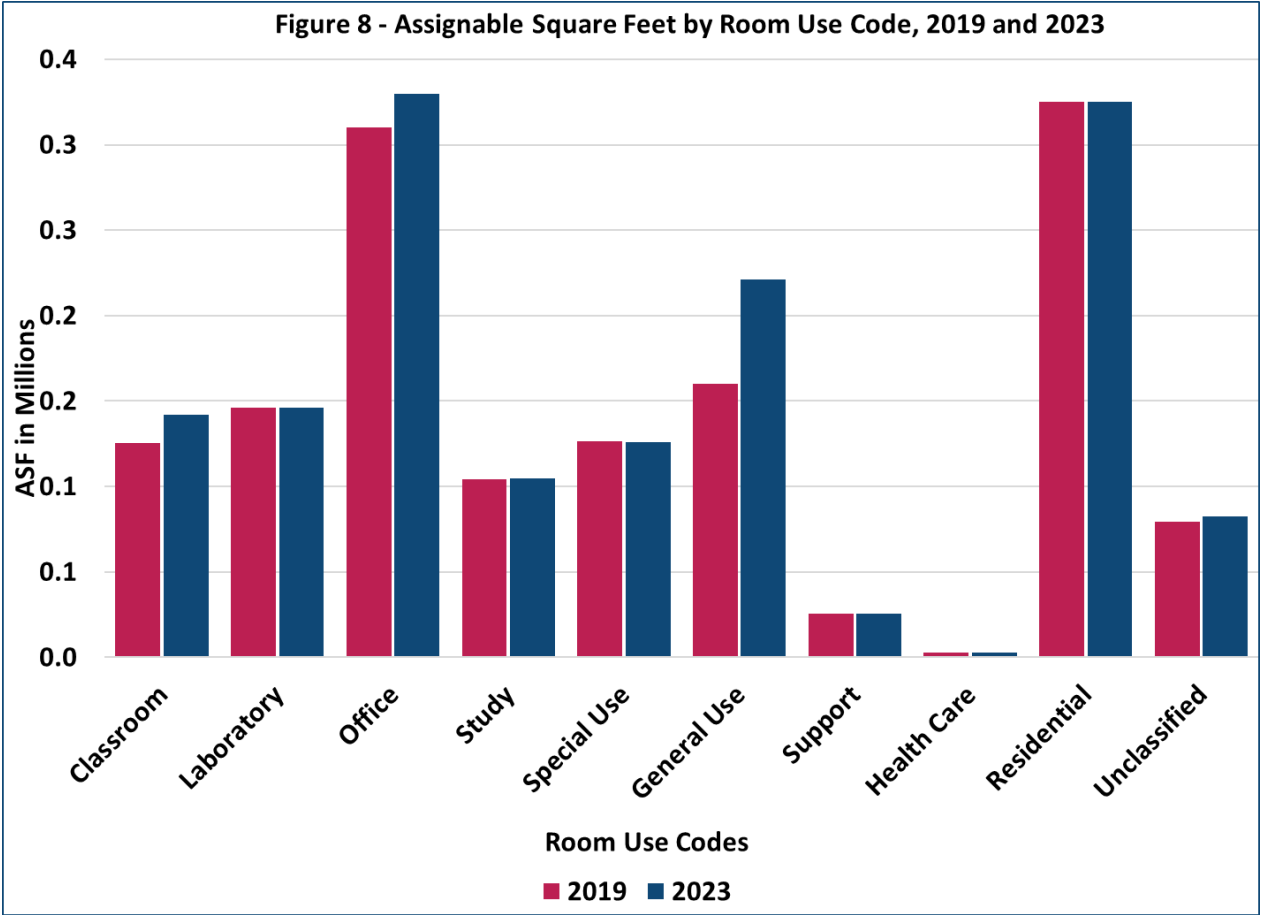
Utilization of Space



Room Space Characteristics

In 2023, the assignable square feet at NCCU increased from 1,464,985 to 1,504,950, or 2.7 percent compared to the previous year.

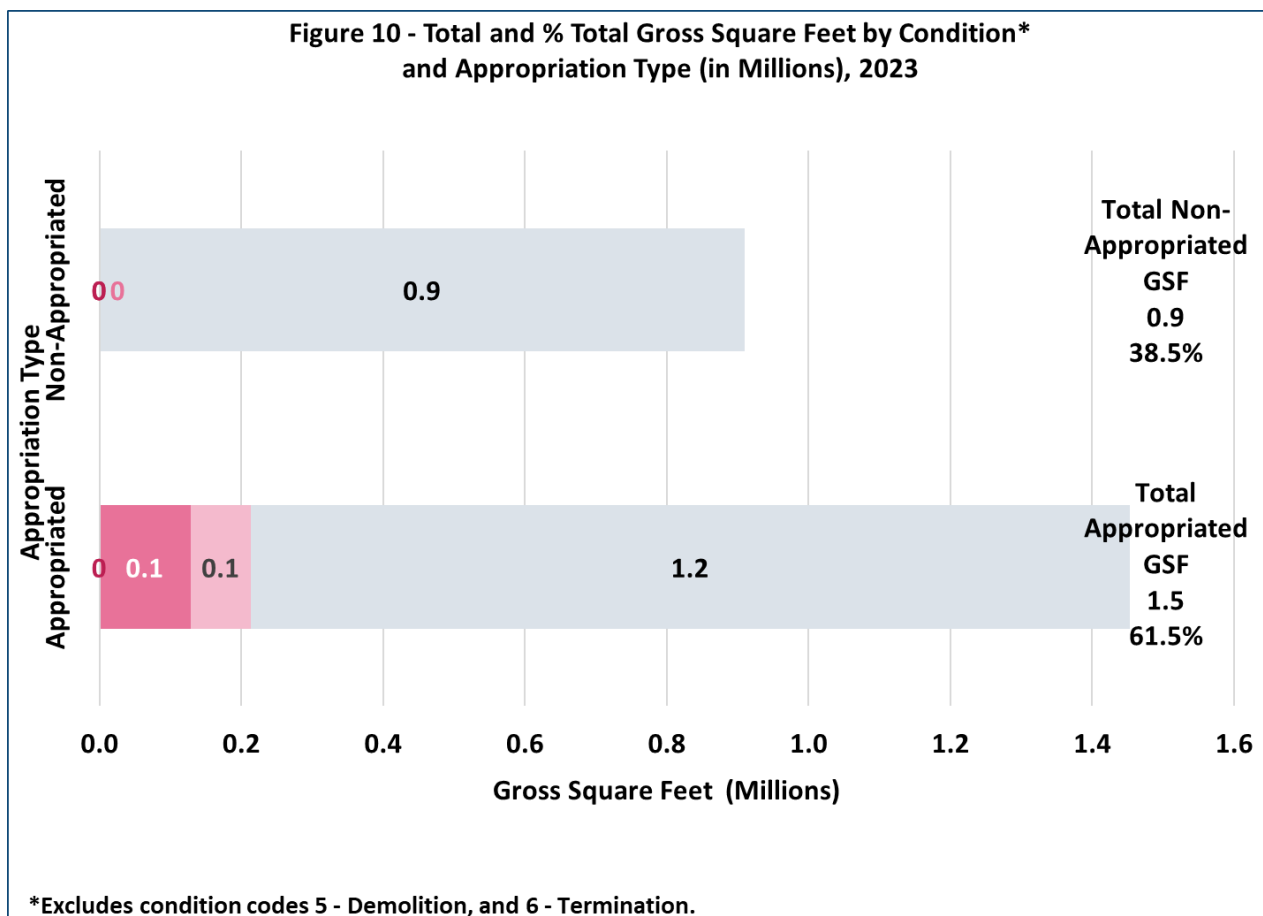
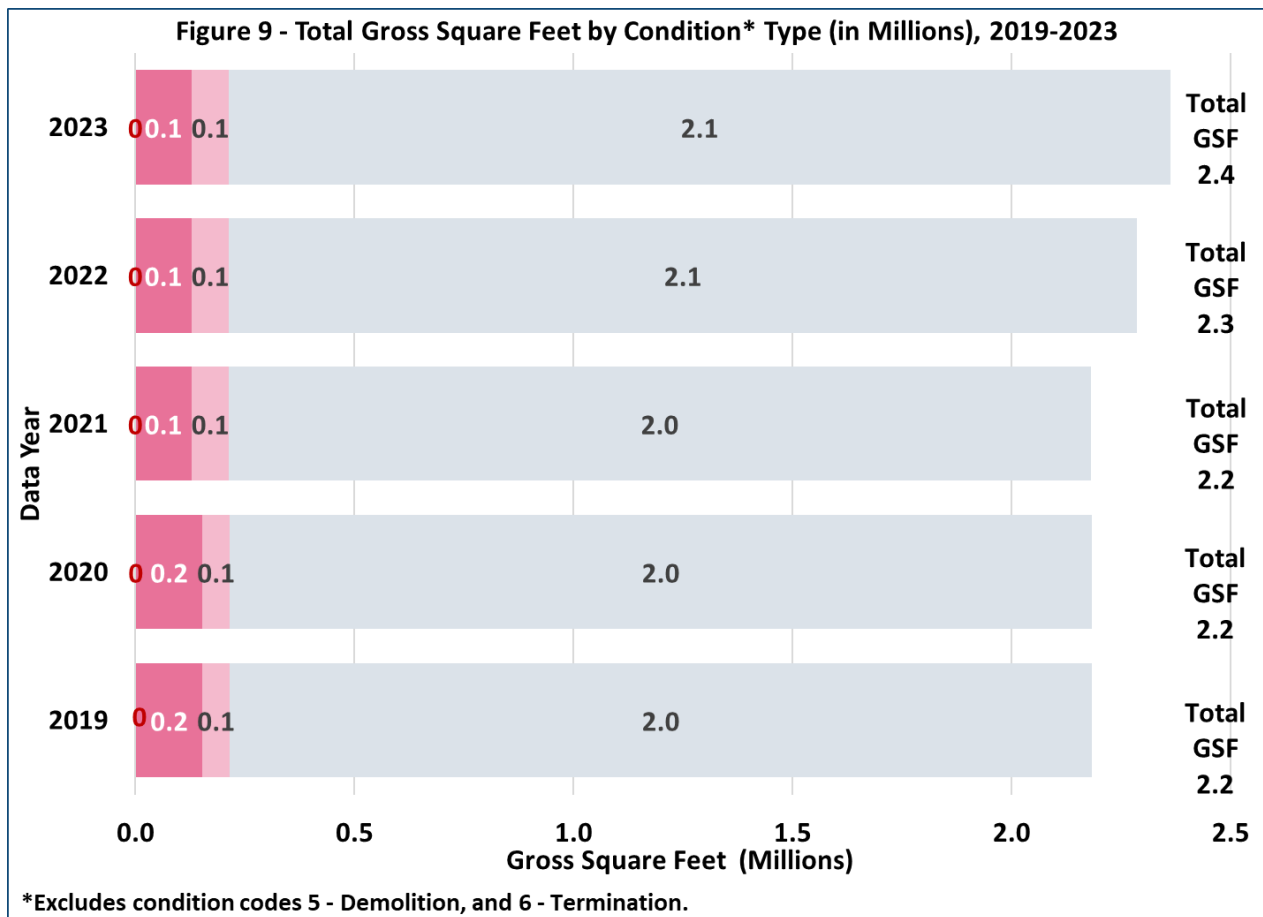
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	550,353	36.57%	37.77%	-1.20%
Research	32,962	2.19%	2.35%	-0.16%
Public Service	8,275	0.55%	0.59%	-0.04%
Student Service	591,134	39.28%	37.45%	1.83%
Other	322,226	21.41%	21.84%	-0.43%



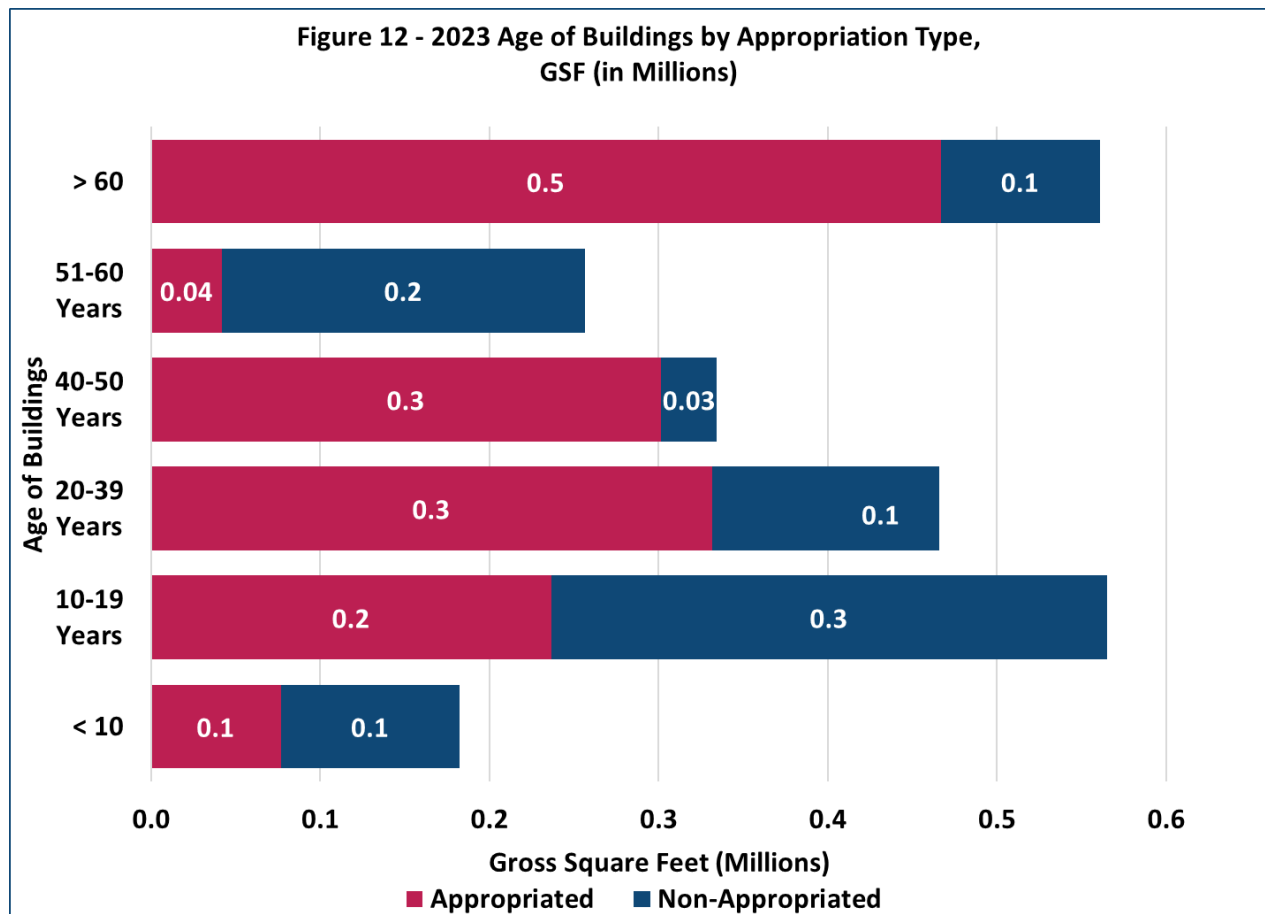
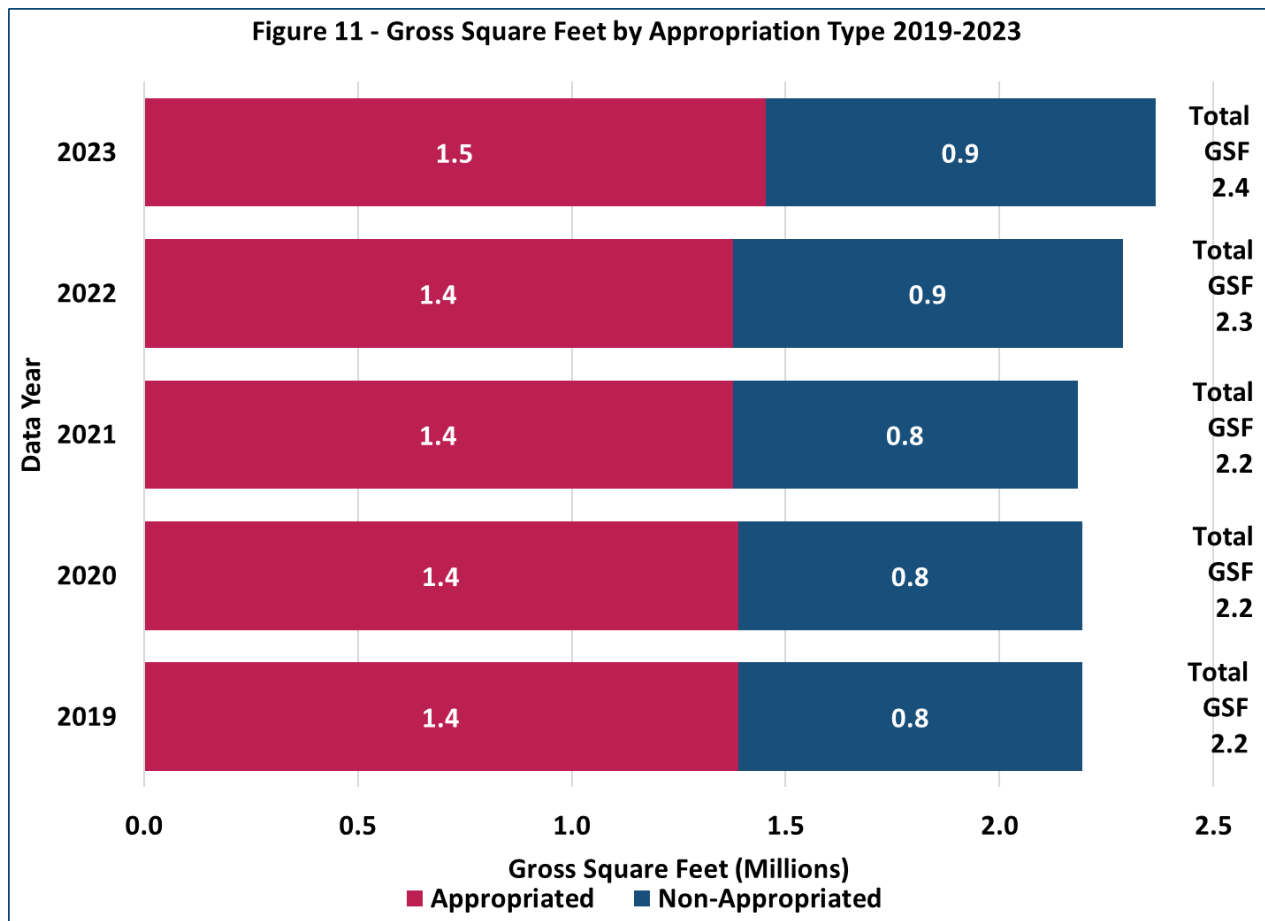
Building Characteristics

North Carolina Central University has 2,364,844 gross square feet of space comprised of 56 buildings (11 residential, 45 non-residential; 40 appropriated, 16 non-appropriated; 54 owned, 0 leased, 2 under other agreement terms) with 1,504,950 square feet of assignable space, having increased by 7.1 percent within the last five years. Since 2022, gross square footage has increased 76,608, or 3.3 percent.

North Carolina Central University Building Characteristics			
56 Total Buildings			
40 Appropriated		54 Owned	
16 Non-Appropriated		0 Leased	
56 Total		2 Other Agreement	
		56 Total	



North Carolina Central University Summary



North Carolina State University Summary

Originally founded as the North Carolina College of Agriculture and Mechanic Arts in 1887, NC State was established as a land- grant college, teaching its first classes in Raleigh in 1889. NC State is the largest university in the Carolinas and a world-renowned research powerhouse with more than 170 startups and spinoffs based on NC State research. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university. The data in this summary excludes NC State Veterinary Medicine.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

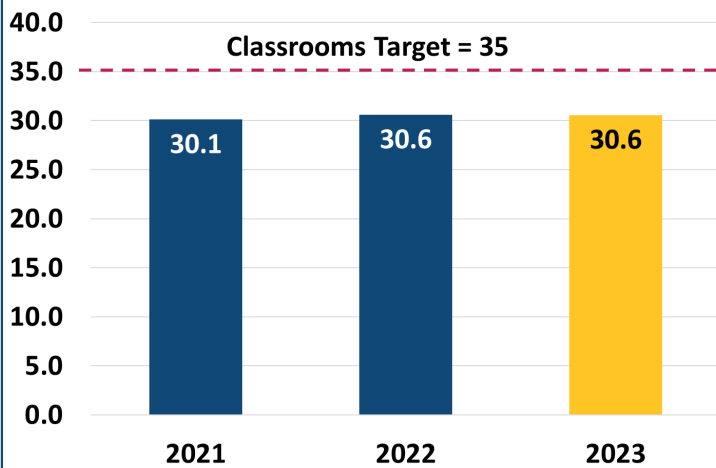


Figure 2 - Weekly Hours for Class Labs

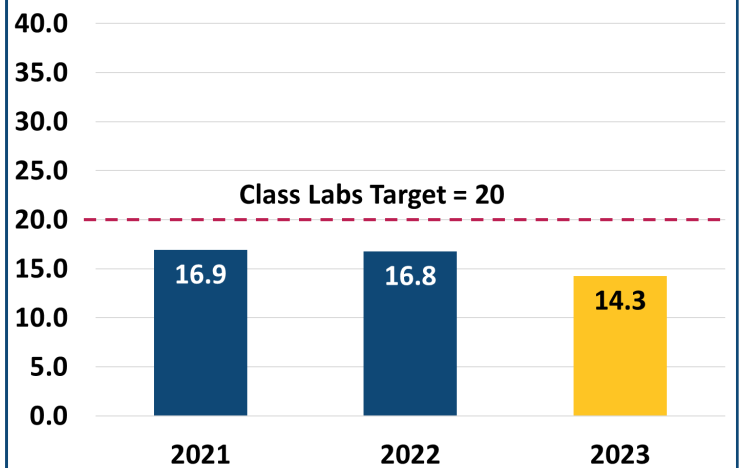


Figure 5 - Station Fill for Classrooms

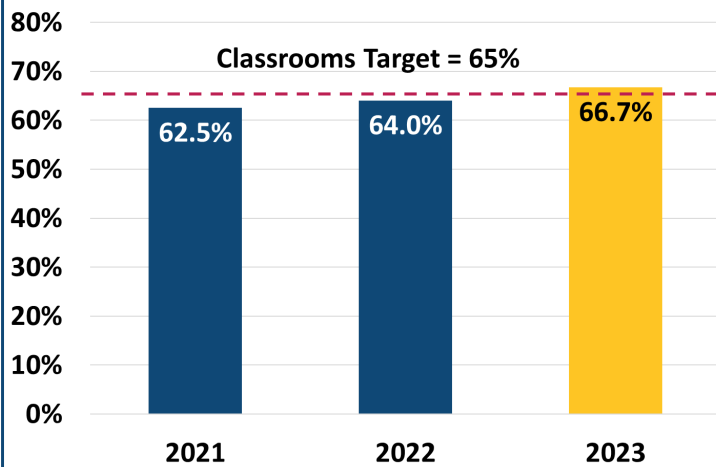
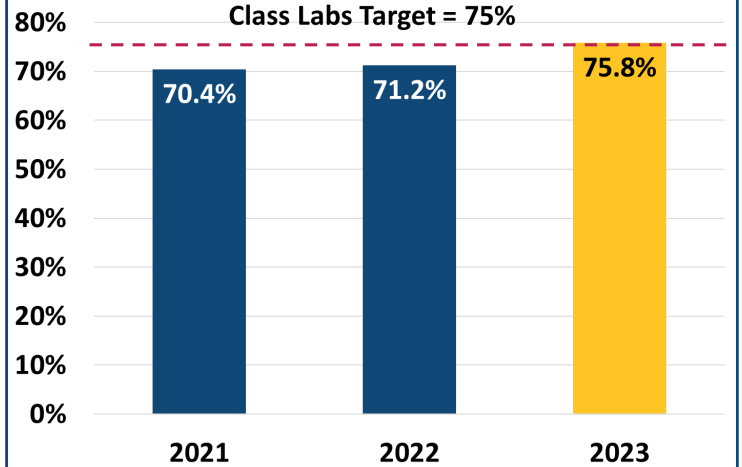


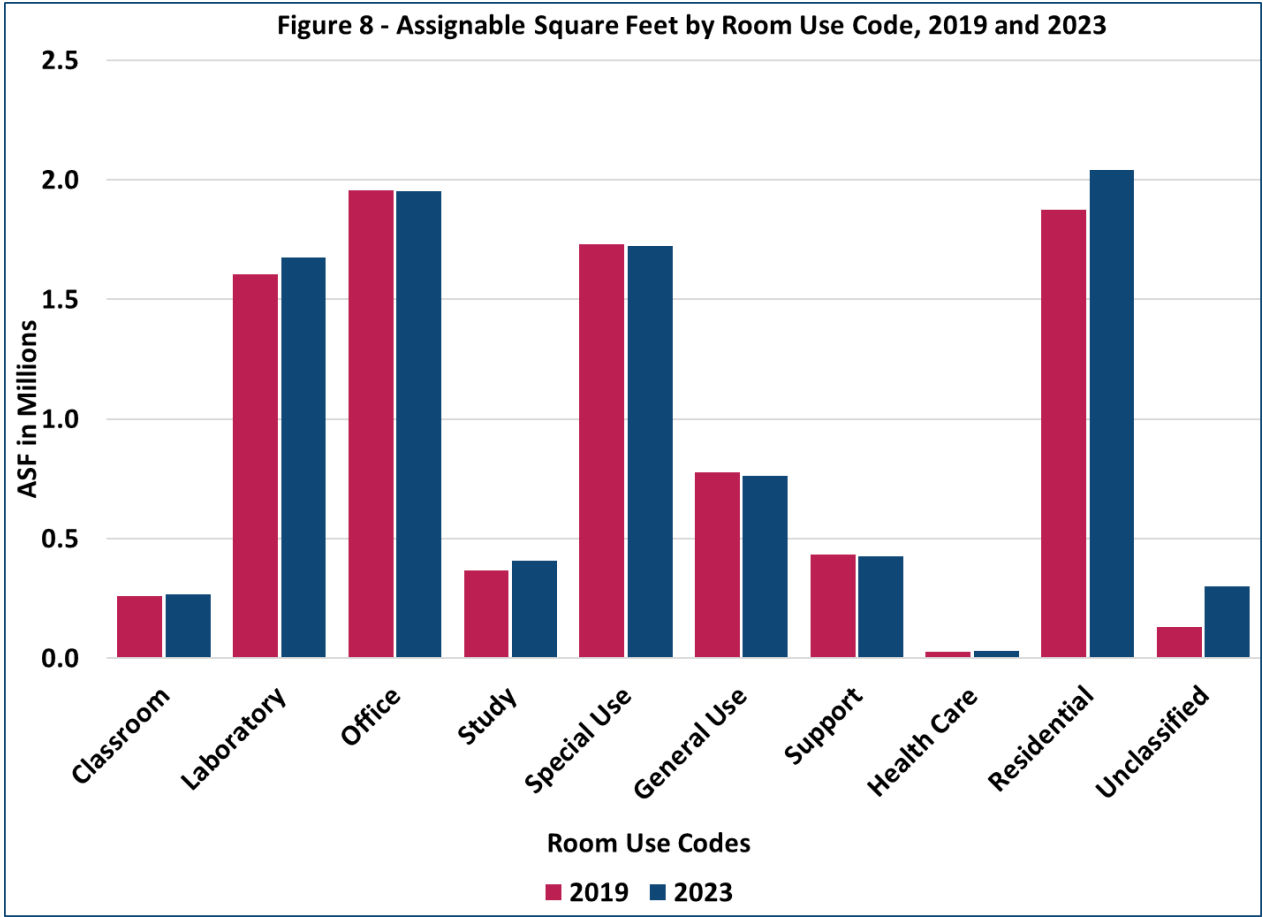
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at NCSU increased from 9,383,128 to 9,587,968, or 2.1 percent from the previous

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	1,821,766	19.00%	19.00%	0.00%
Research	2,619,304	27.32%	27.74%	-0.42%
Public Service	504,147	5.26%	4.86%	0.40%
Student Service	3,084,488	32.17%	31.78%	0.39%
Other	1,558,263	16.25%	16.62%	-0.37%

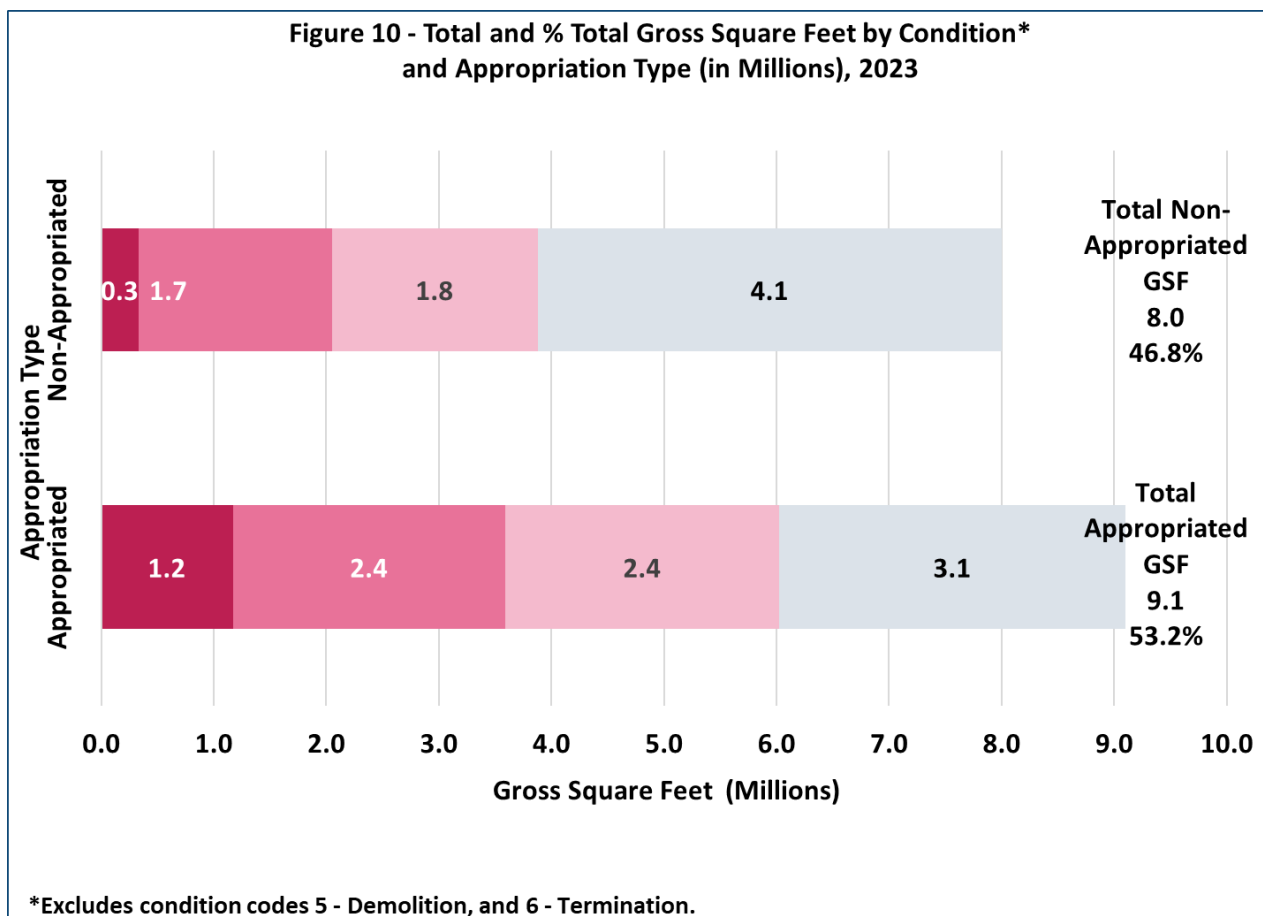
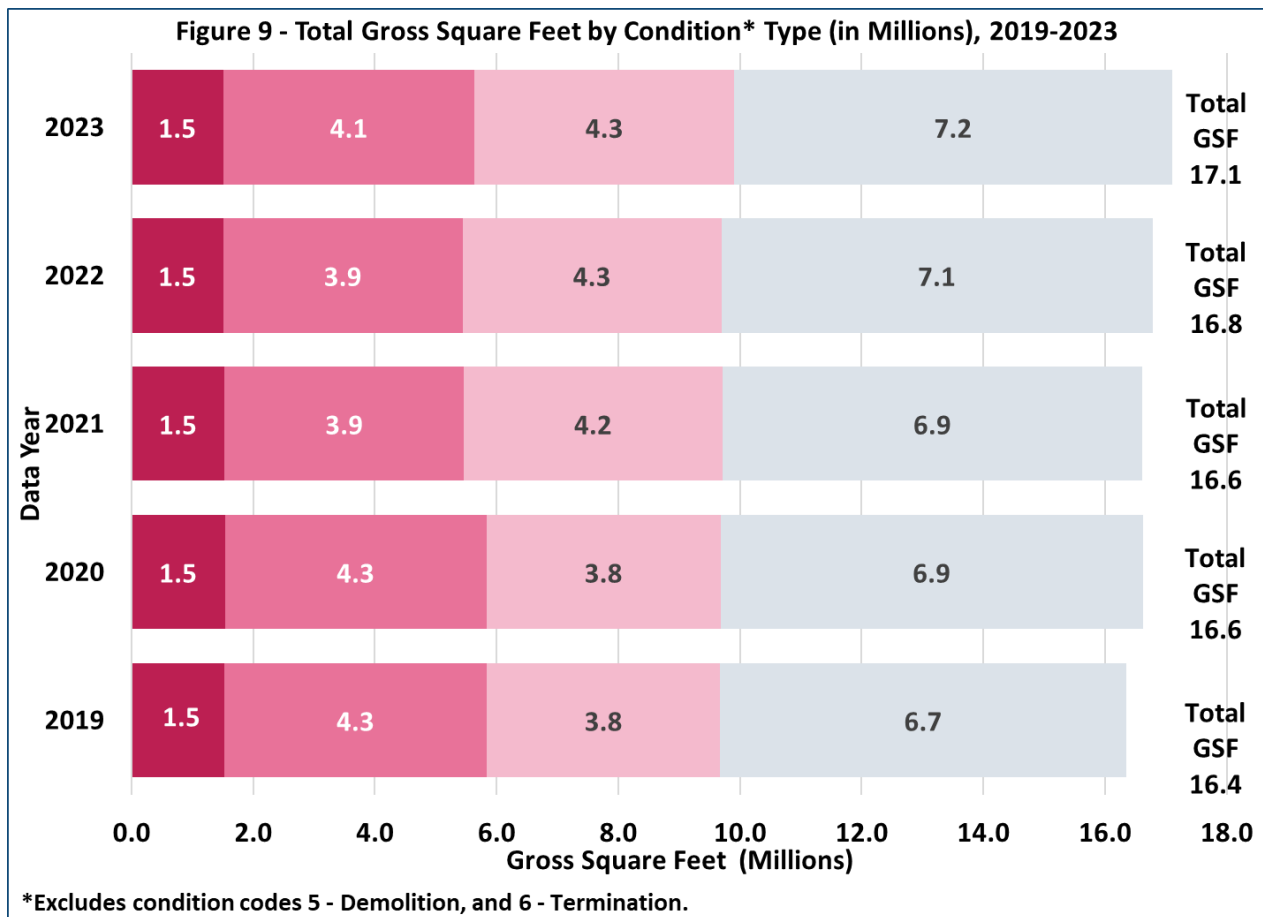


year.

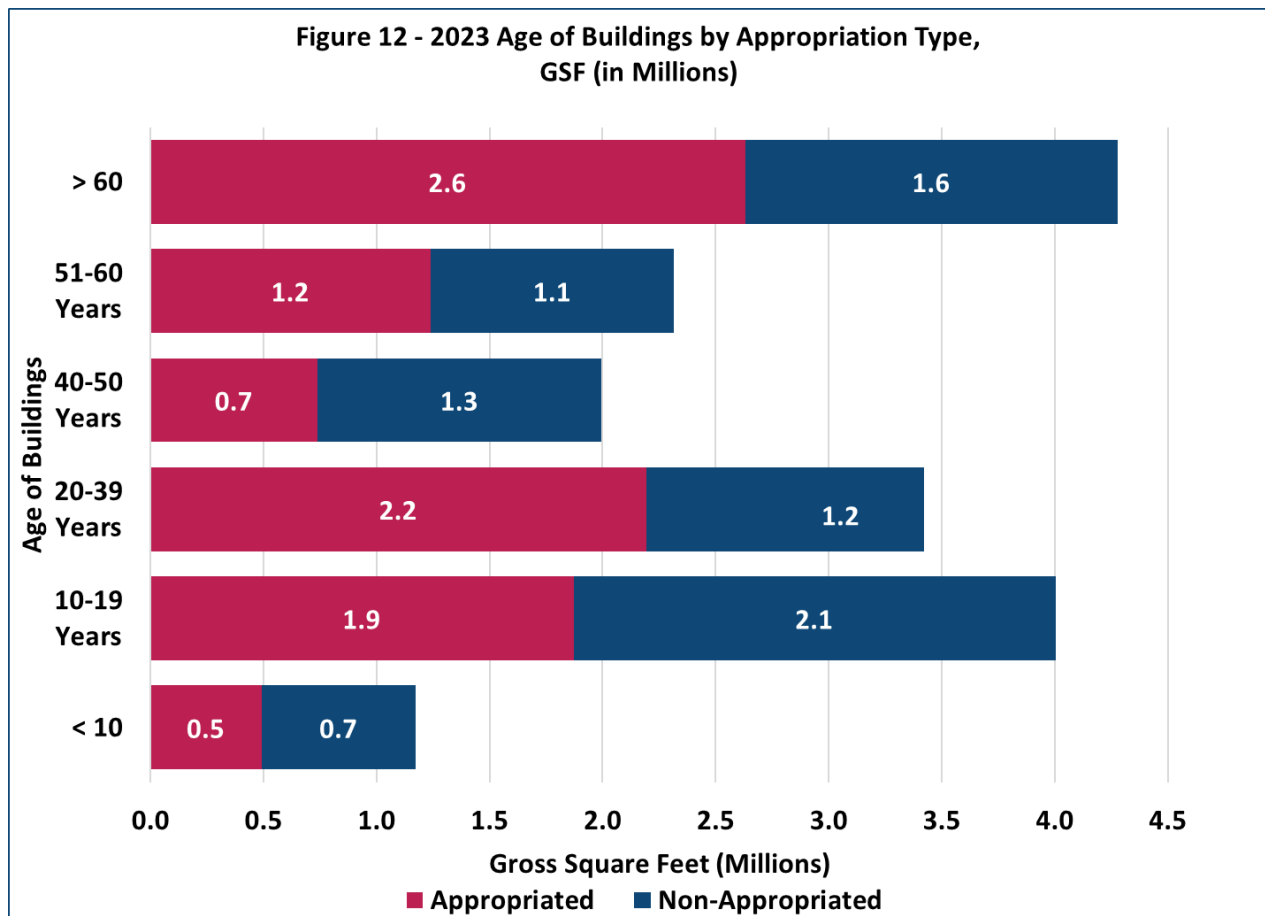
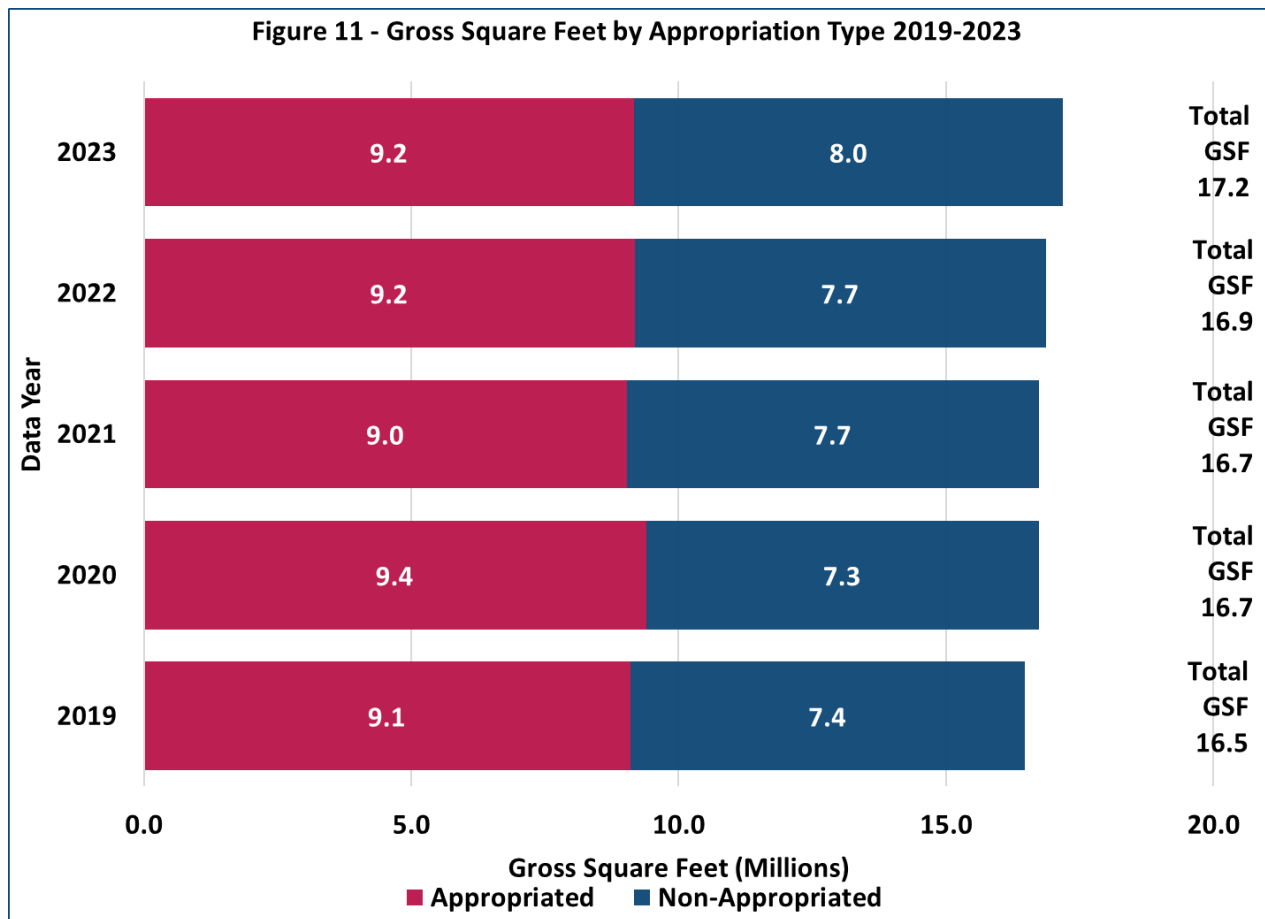
Building Characteristics

North Carolina State University has 17,191,383 gross square feet of space comprised of 1,069 buildings (142 residential, 927 non-residential; 890 appropriated, 179 non-appropriated; 939 owned, 32 leased, 98 under other agreement terms) with 9,587,968 square feet of assignable space, having increased by 4.6 percent within the last five years. Since 2022, gross square footage has increased by 324,630 SF, or 1.9 percent.

North Carolina State University Building Characteristics	
1,069 Total Buildings	
890 Appropriated	939 Owned
179 Non-Appropriated	32 Leased
	98 Other Agreement
1,069 Total	1,069 Total



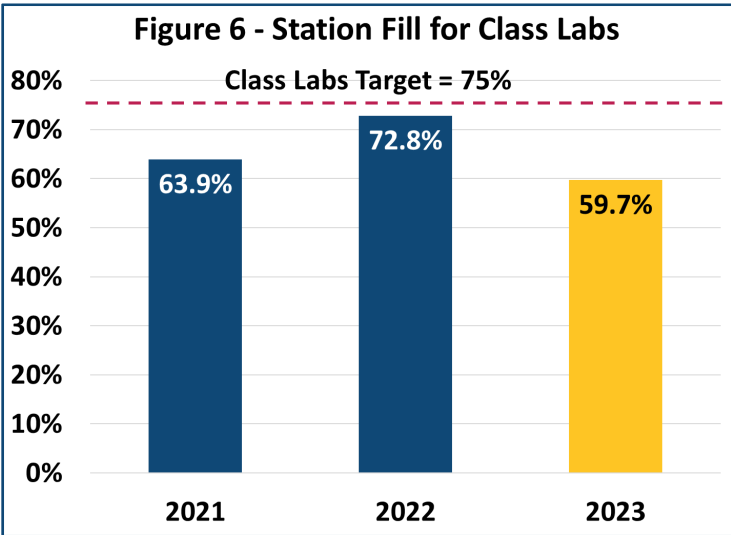
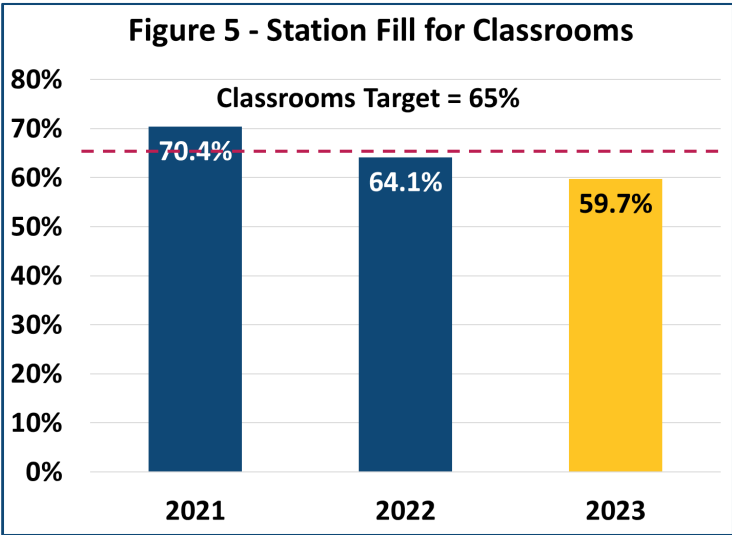
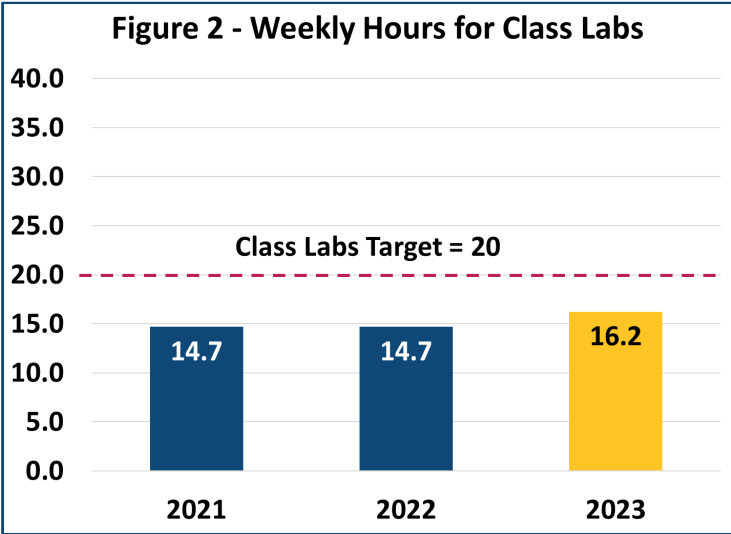
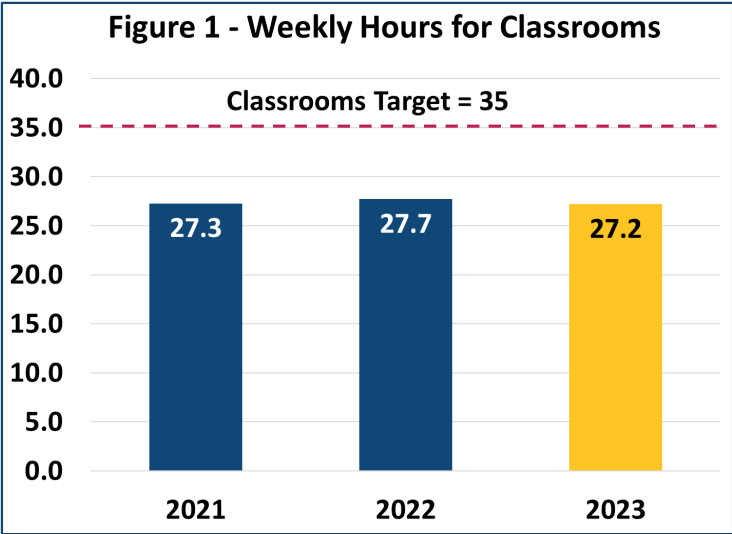
North Carolina State University Summary



University of North Carolina Asheville Summary

UNC Asheville offers an adaptive, affordable, and relevant education as the designated liberal arts and sciences campus in the UNC System. Established in Asheville in 1927 as the two-year Buncombe County Junior College, today UNCA focuses on undergraduate studies that prepare students for meaningful lives and careers that make an impact. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

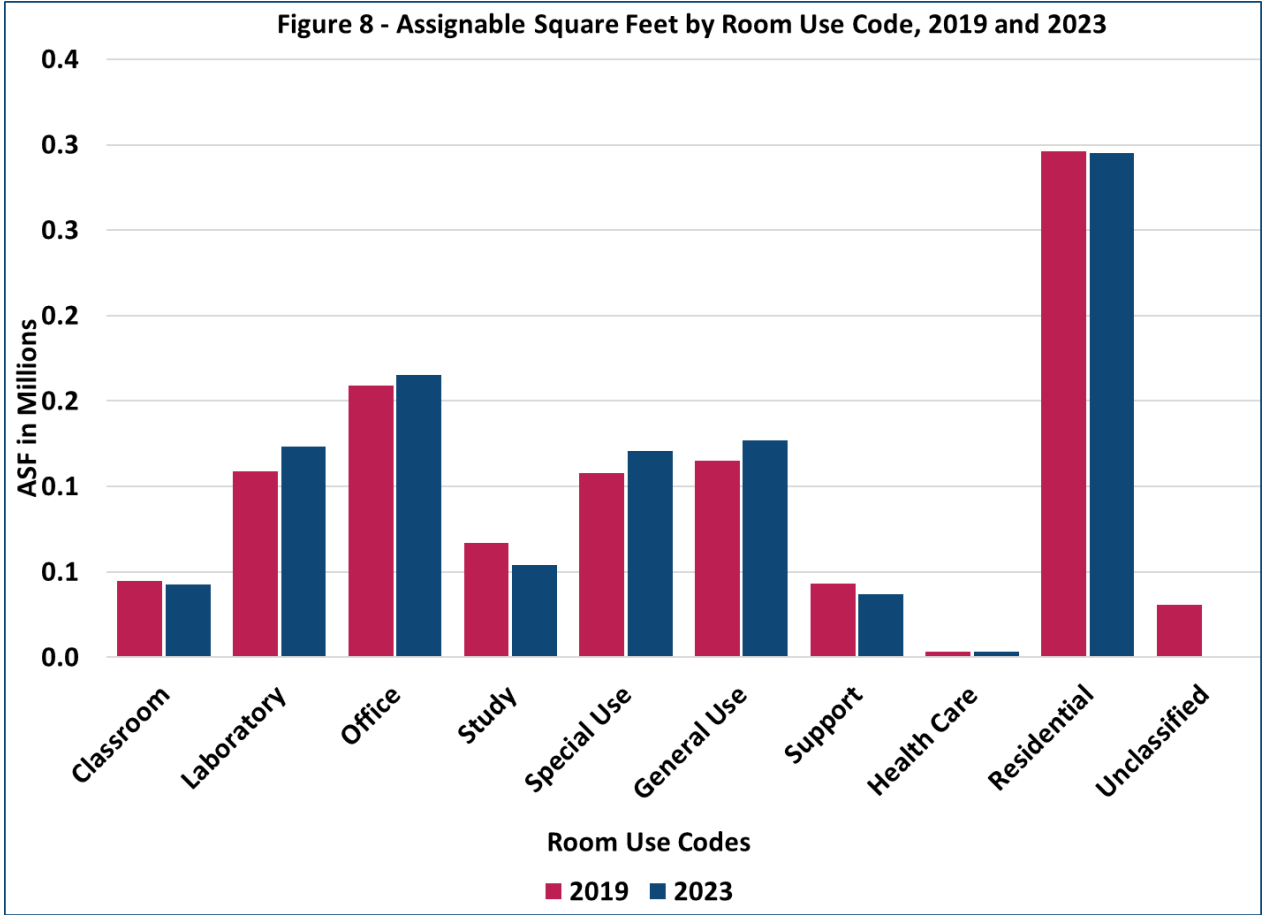
Utilization of Space



Room Space Characteristics

In 2023, the assignable square feet at UNC Asheville increased from 964,668 to 968,470, or 0.4 percent from the previous year.

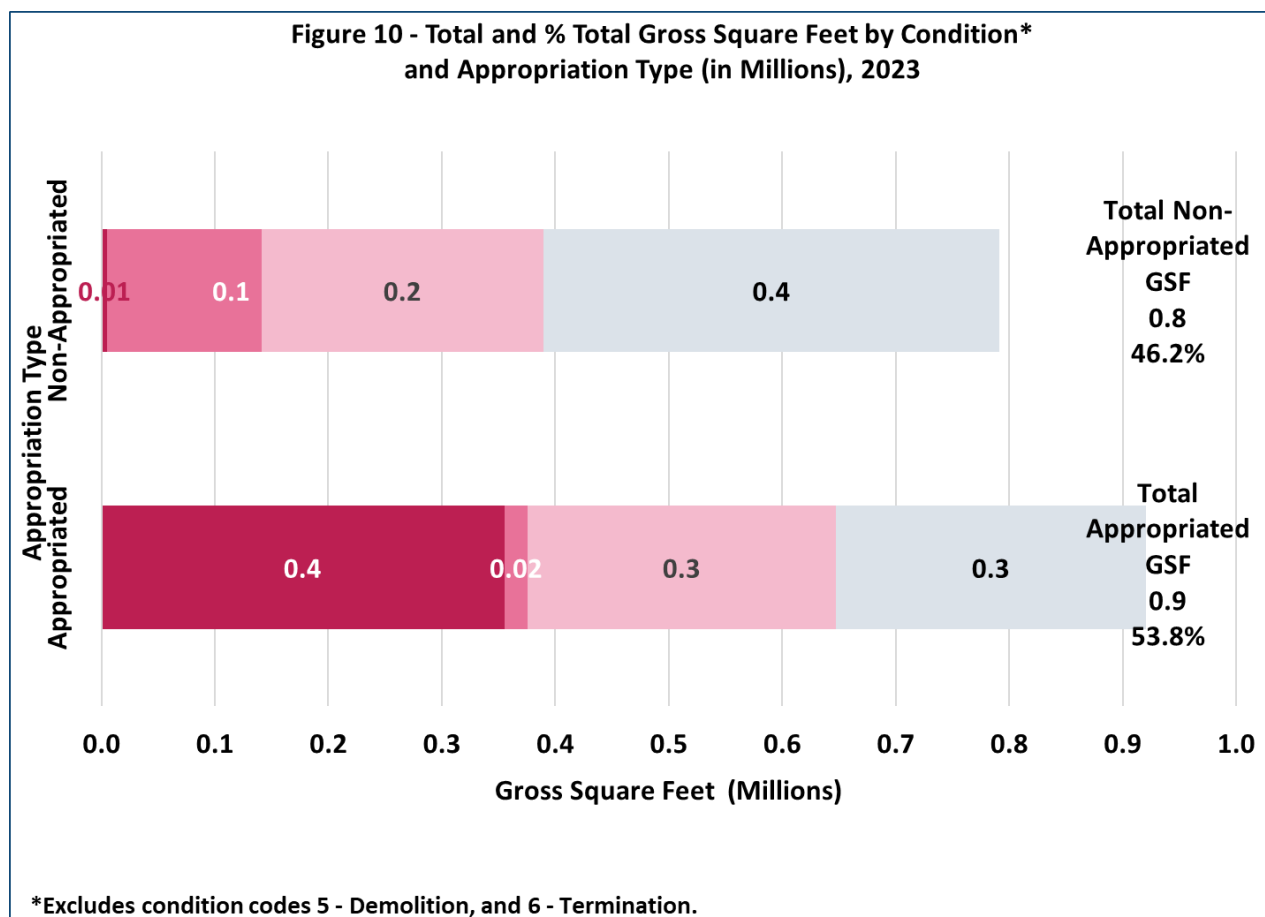
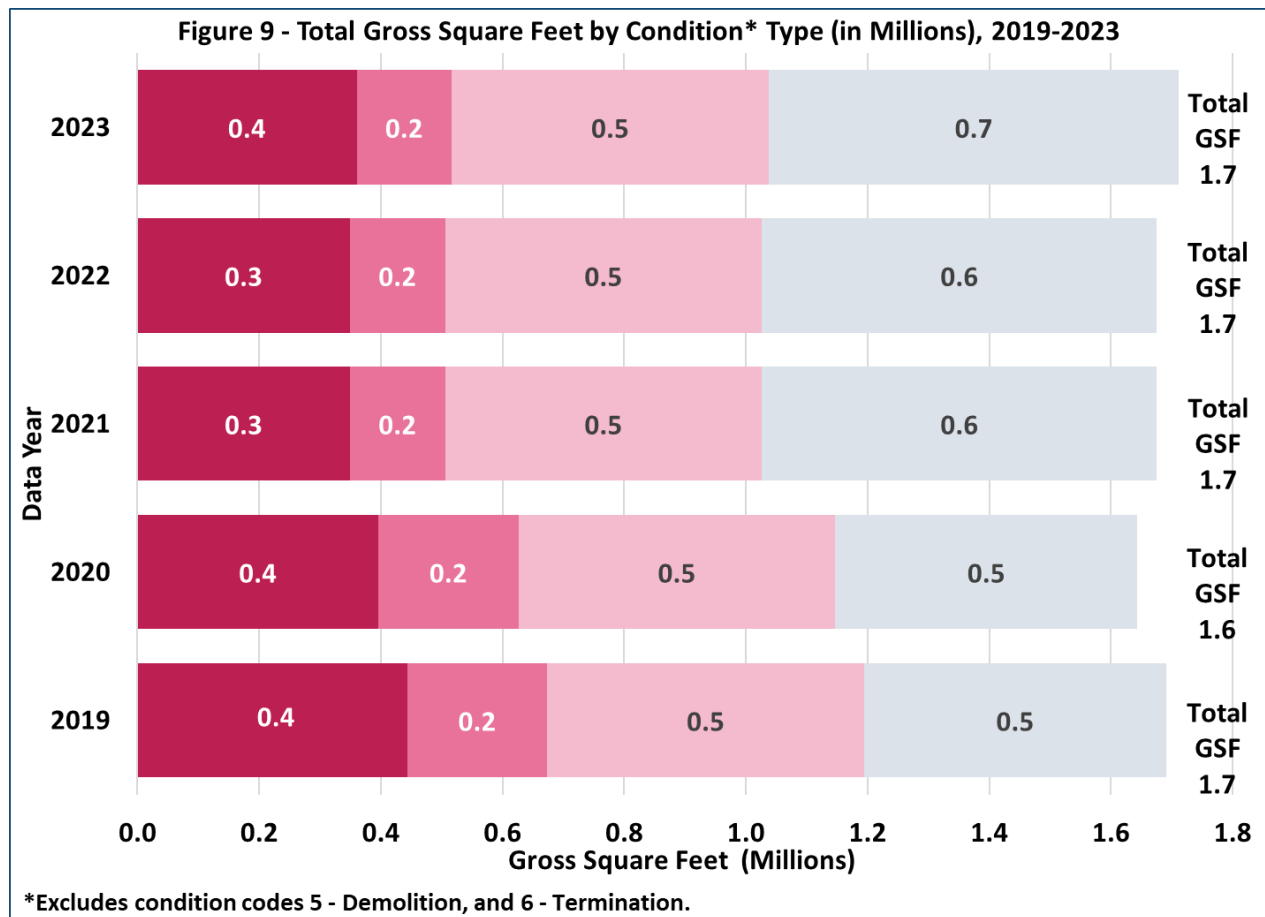
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	239,197	24.70%	22.16%	2.53%
Research	12,507	1.29%	1.40%	-0.11%
Public Service	10,514	1.09%	1.08%	0.01%
Student Service	540,168	55.78%	52.51%	3.27%
Other	166,084	17.15%	22.85%	-5.70%



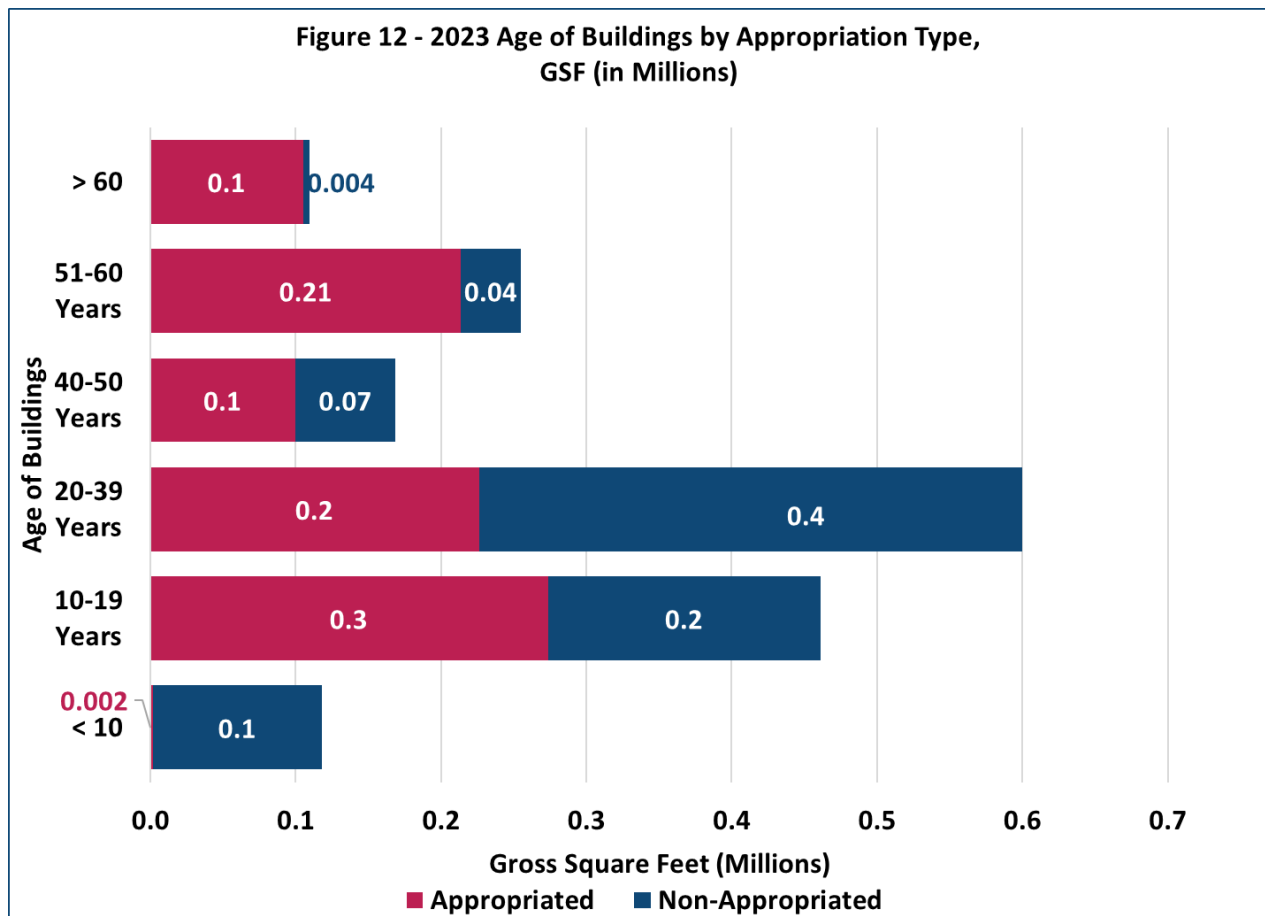
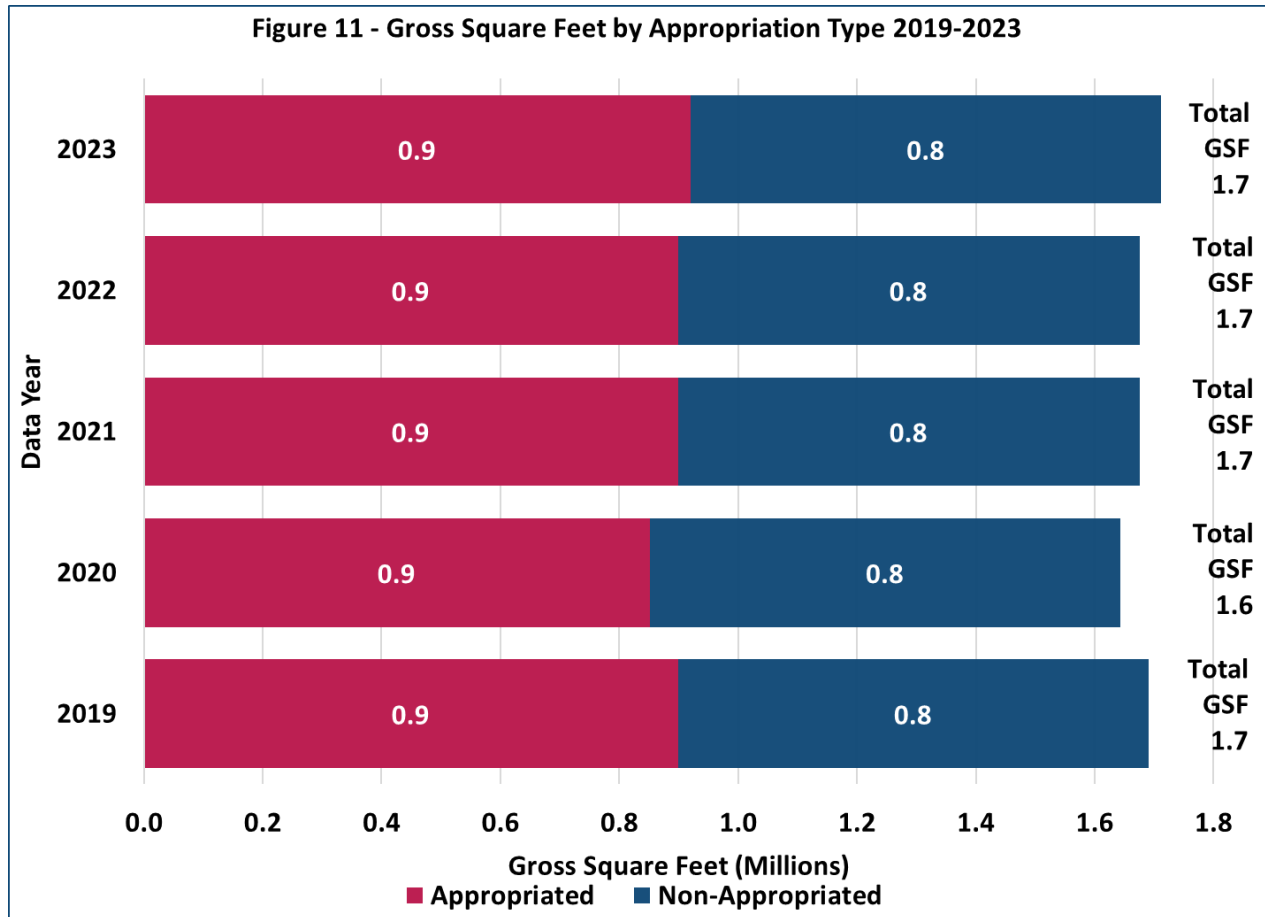
Building Characteristics

University of North Carolina Asheville has 1,712,081 gross square feet of space comprised of 51 buildings (21 residential, 30 non-residential; 24 appropriated, 27 non-appropriated; 36 owned, 1 leased, 14 under other agreement terms) with 968,470 square feet of assignable space, having decreased by -0.7 percent within the last five years. Since 2022, gross square footage has increased 36,334, or 2.2 percent.

UNC Asheville Building Characteristics	
51 Total Buildings	
24 Appropriated	36 Owned
27 Non-Appropriated	1 Leased
	14 Other Agreement
51 Total	51 Total



University of North Carolina Asheville Summary



The University of North Carolina at Chapel Hill Summary



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

The University of North Carolina at Chapel Hill is a leading global public research university, committed to and a leader in providing access to a high-quality, affordable education to students from all backgrounds. Carolina's nationally recognized teaching, groundbreaking research, and dedication to public service continue a legacy that began when the University was chartered as the nation's first public university in 1789. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university. The data in this summary excludes UNC-Chapel Hill Health Affairs.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

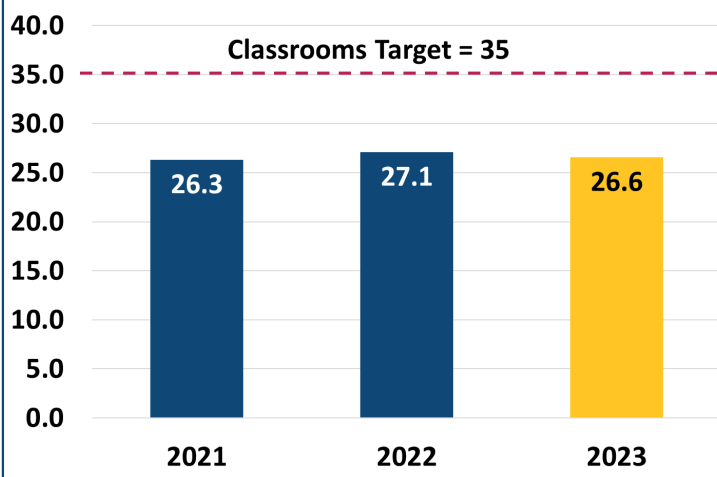


Figure 2 - Weekly Hours for Class Labs

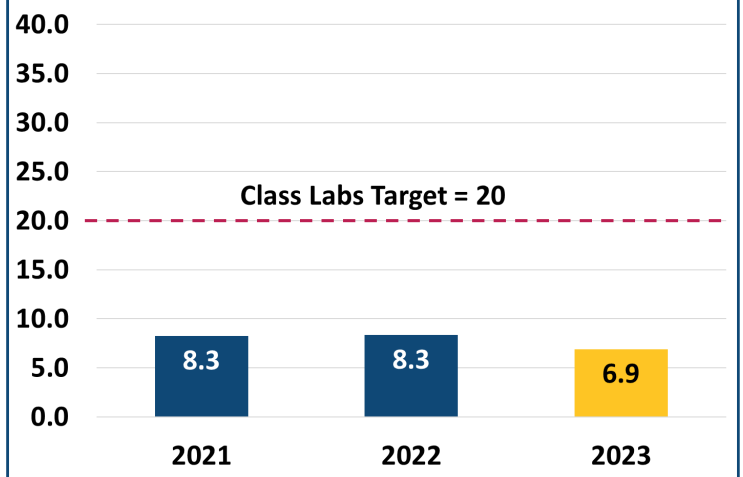


Figure 5 - Station Fill for Classrooms

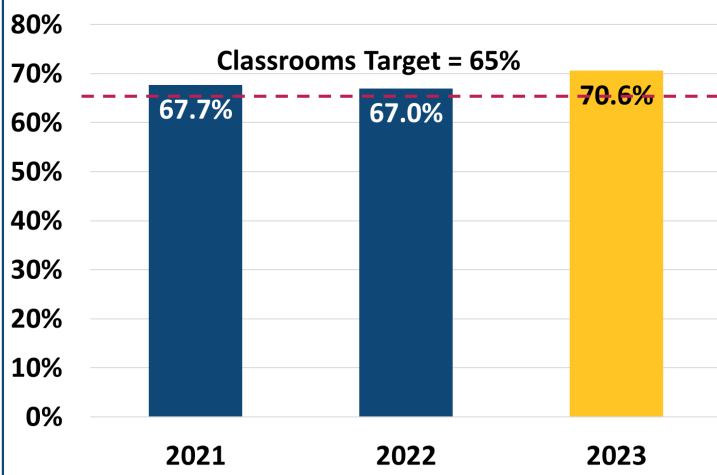
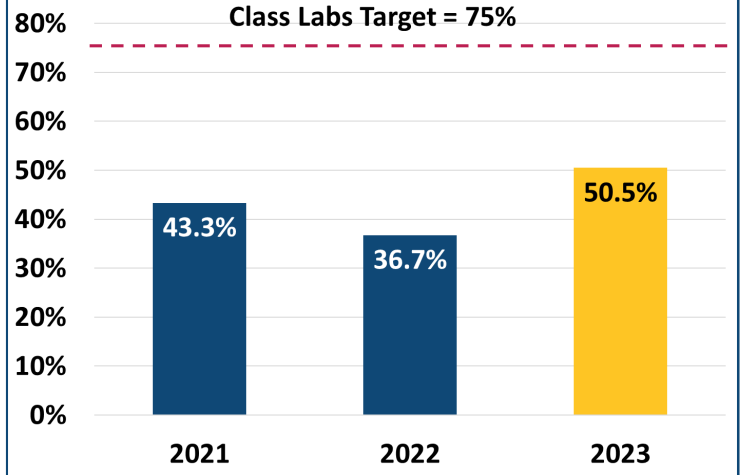


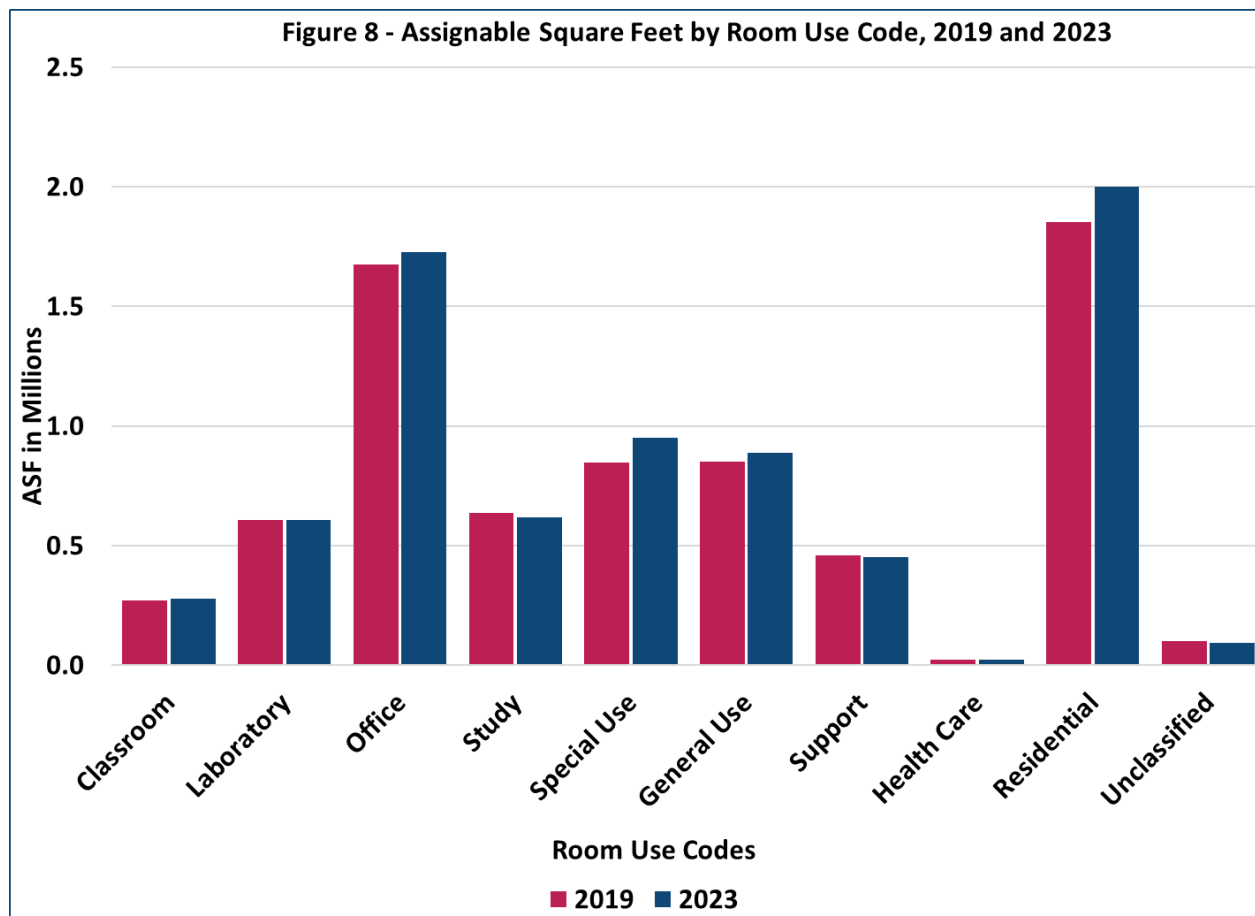
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at UNC-Chapel Hill decreased from 7,661,139 to 7,643,456, or -0.2 percent from the previous year.

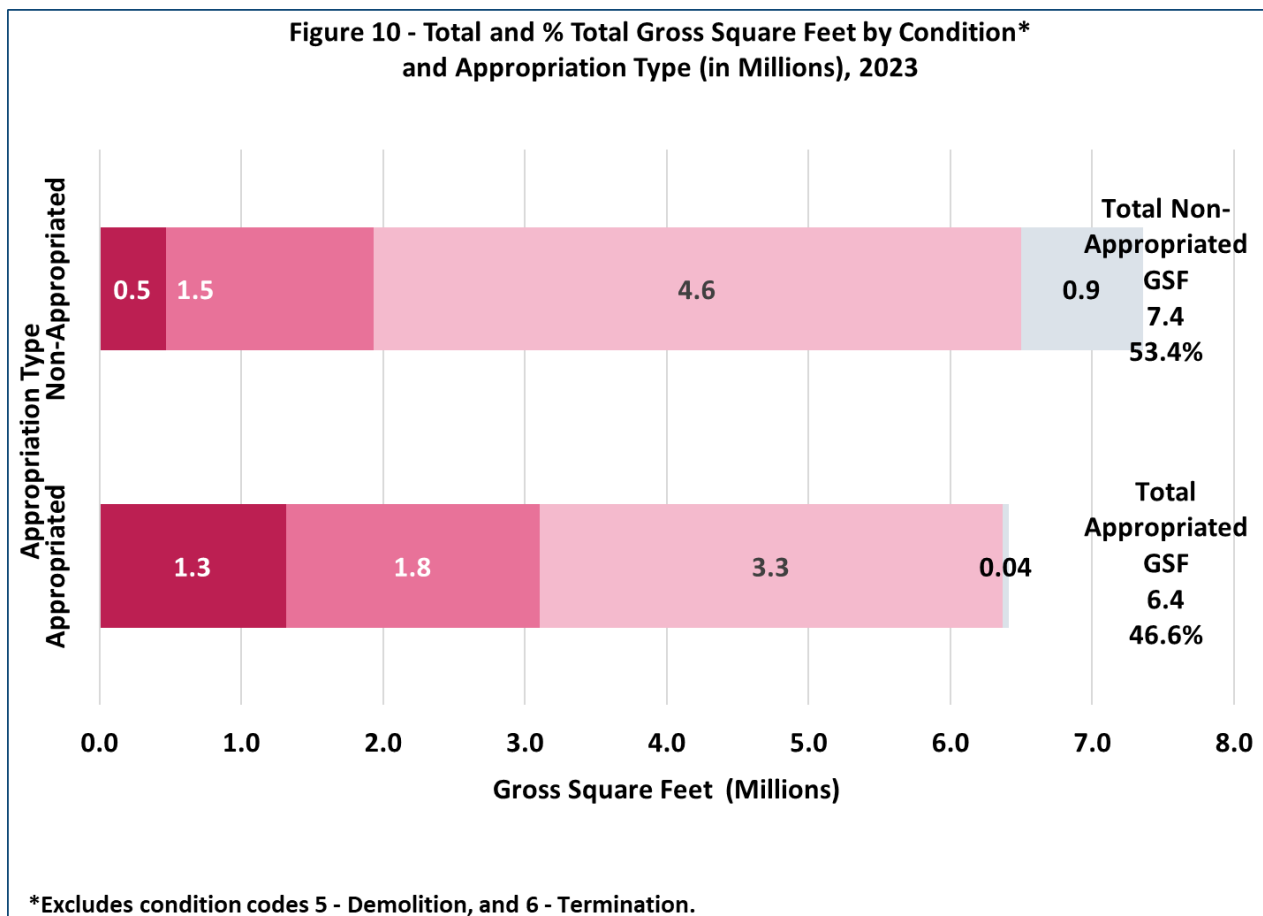
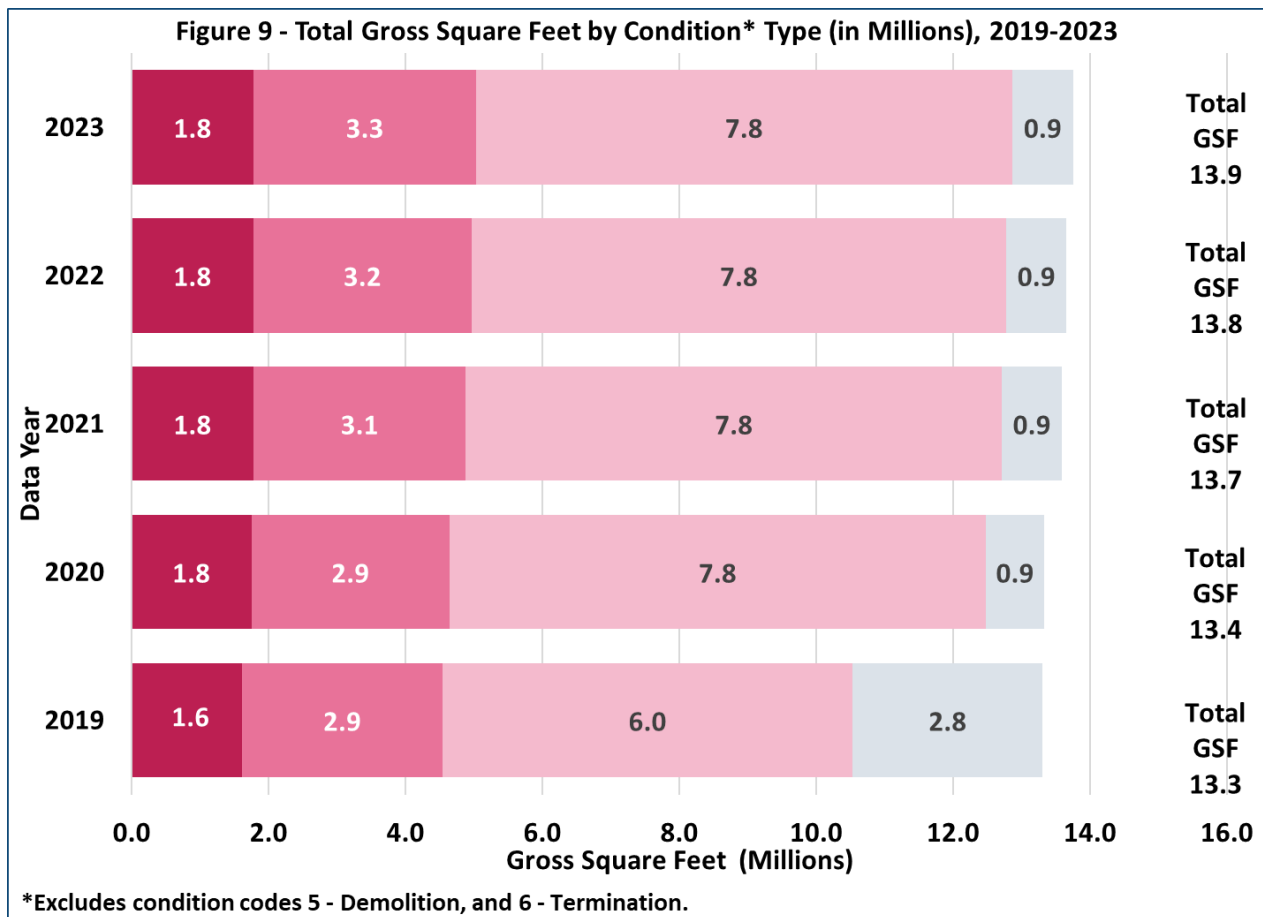
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	1,850,257	24.21%	22.25%	1.96%
Research	563,898	7.38%	7.59%	-0.21%
Public Service	39,617	0.52%	0.63%	-0.11%
Student Service	3,573,324	46.75%	46.52%	0.23%
Other	1,616,360	21.15%	23.02%	-1.87%



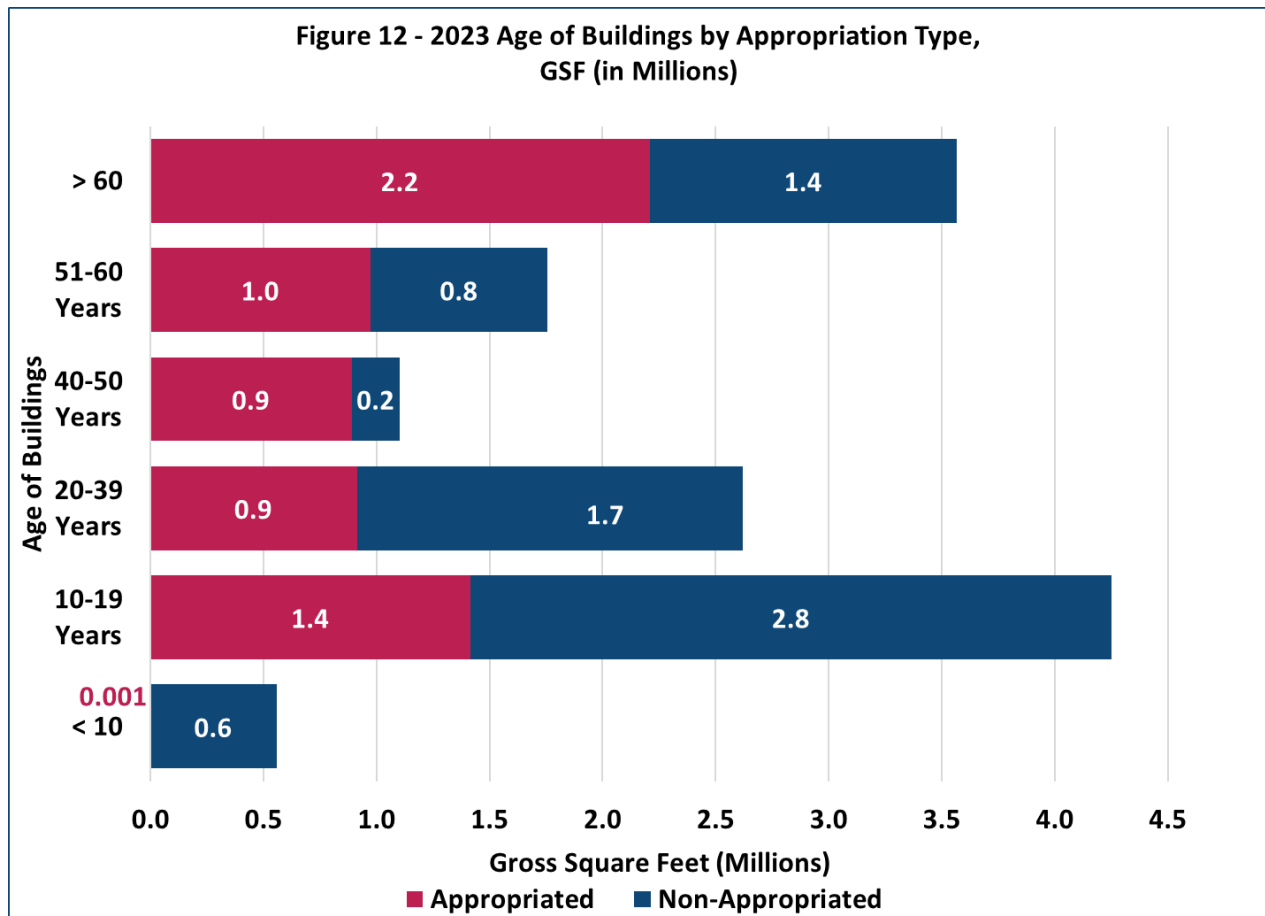
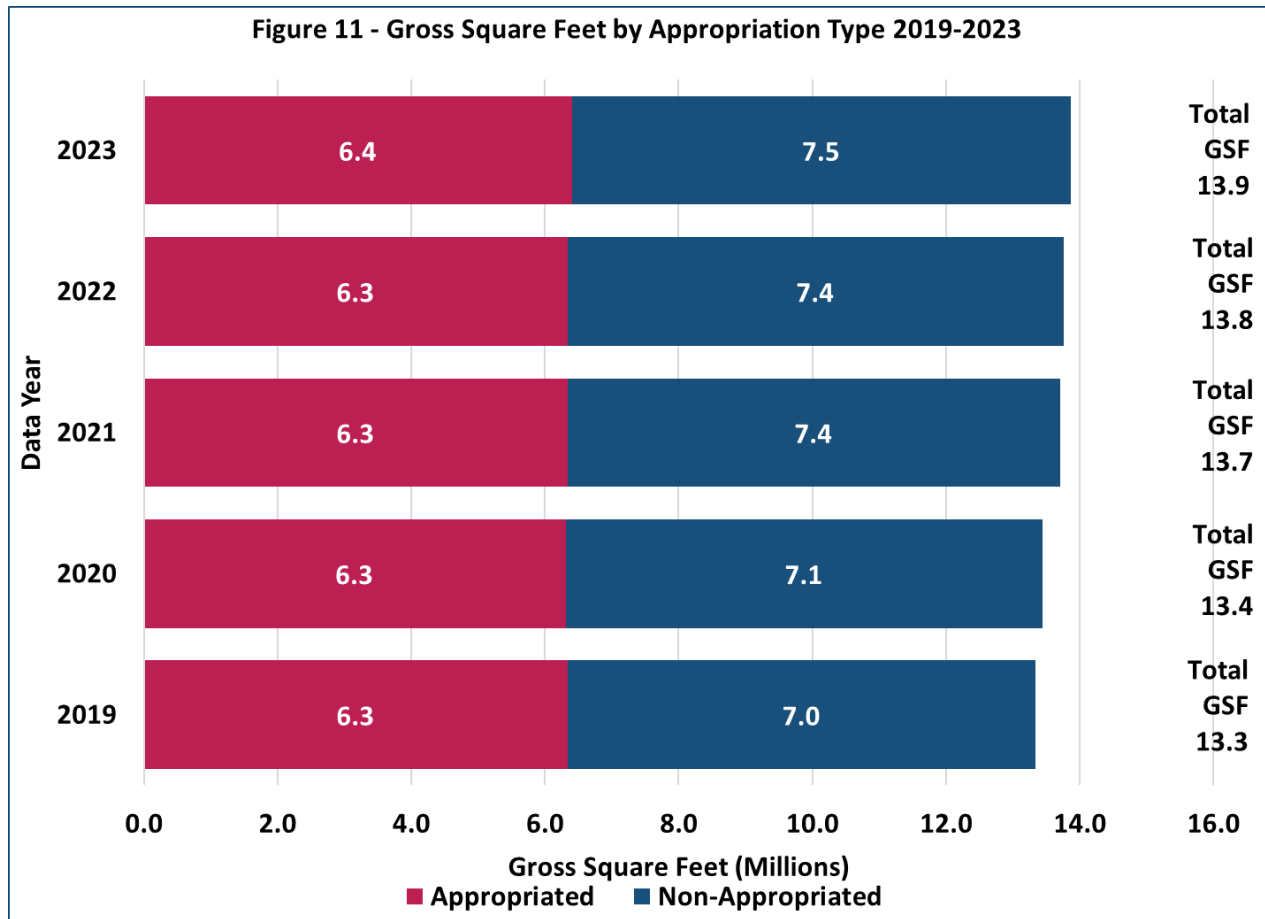
Building Characteristics

The University of North Carolina at Chapel Hill has 13,860,393 gross square feet of space comprised of 367 buildings (76 residential, 291 non-residential; 164 appropriated, 203 non-appropriated; 351 owned, 13 leased, 3 under other agreement terms) with 7,643,456 square feet of assignable space, having increased by 4.3 percent within the last five years. Since 2022, gross square footage has increased by 104,867 SF, or 0.8 percent.

UNC Chapel Hill Building Characteristics	
367 Total Buildings	
164 Appropriated	351 Owned
203 Non-Appropriated	13 Leased
367 Total	3 Other Agreement
	367 Total

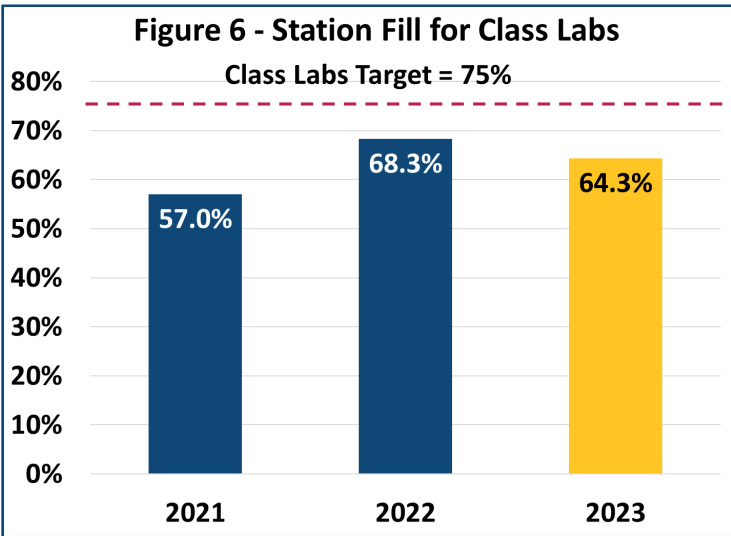
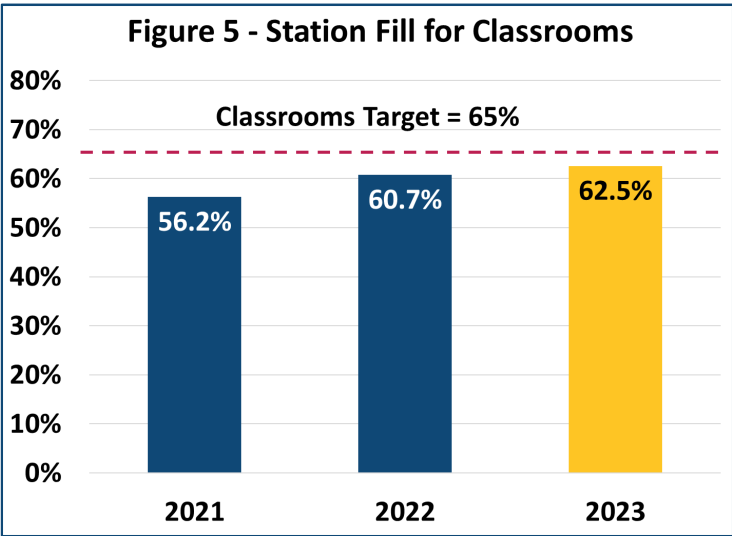
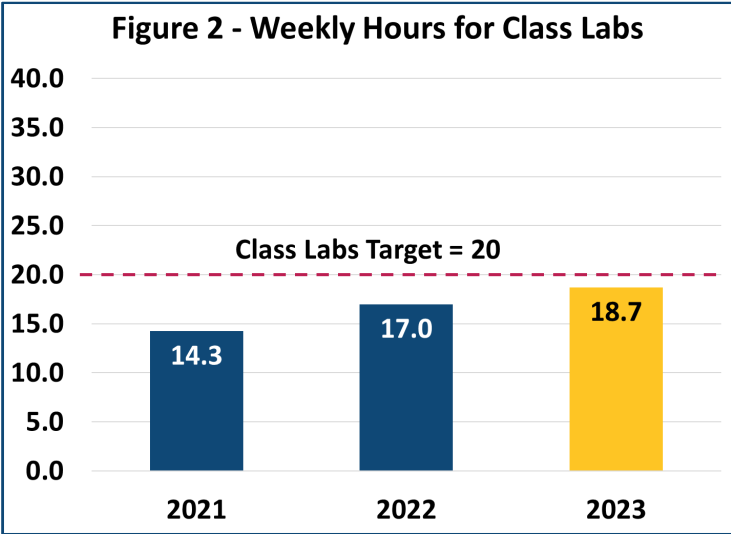
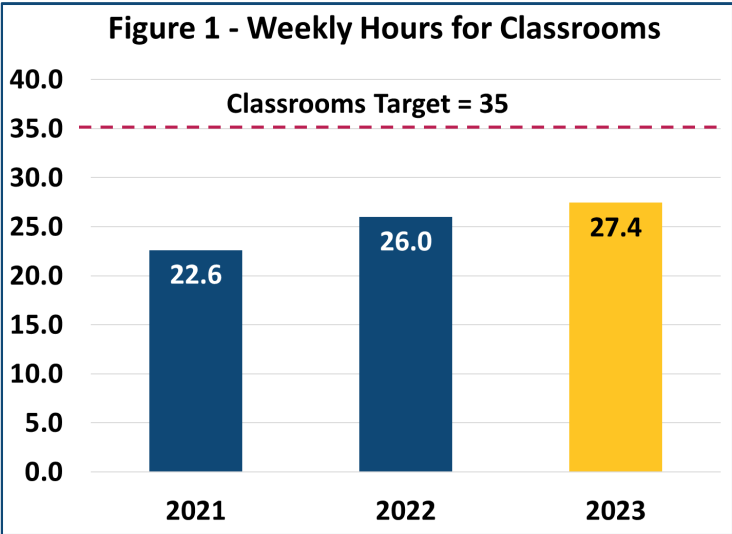


The University of North Carolina at Chapel Hill Summary



UNC Charlotte is North Carolina’s urban research university and the third largest in the UNC System, located in the state’s largest city. Established by action of the North Carolina General Assembly in 1949, today UNCC offers competitive undergraduate, graduate, and professional programs in areas shaping the future of business, healthcare, education, energy, data science, and other key fields. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

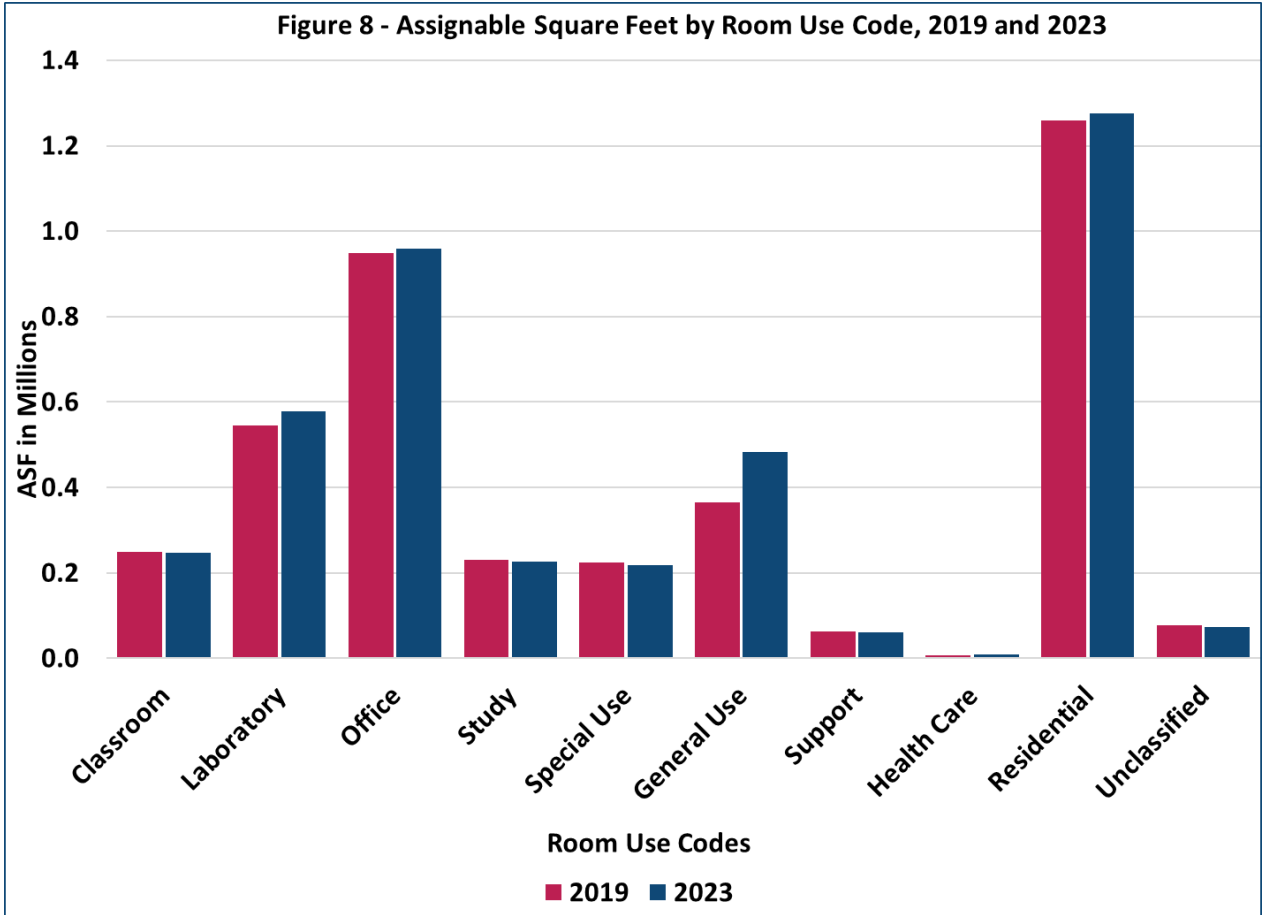
Utilization of Space



Room Space Characteristics

In 2023, the assignable square feet at UNC Charlotte increased from 4,127,661to 4,132,096, or 0.1 percent from the previous year.

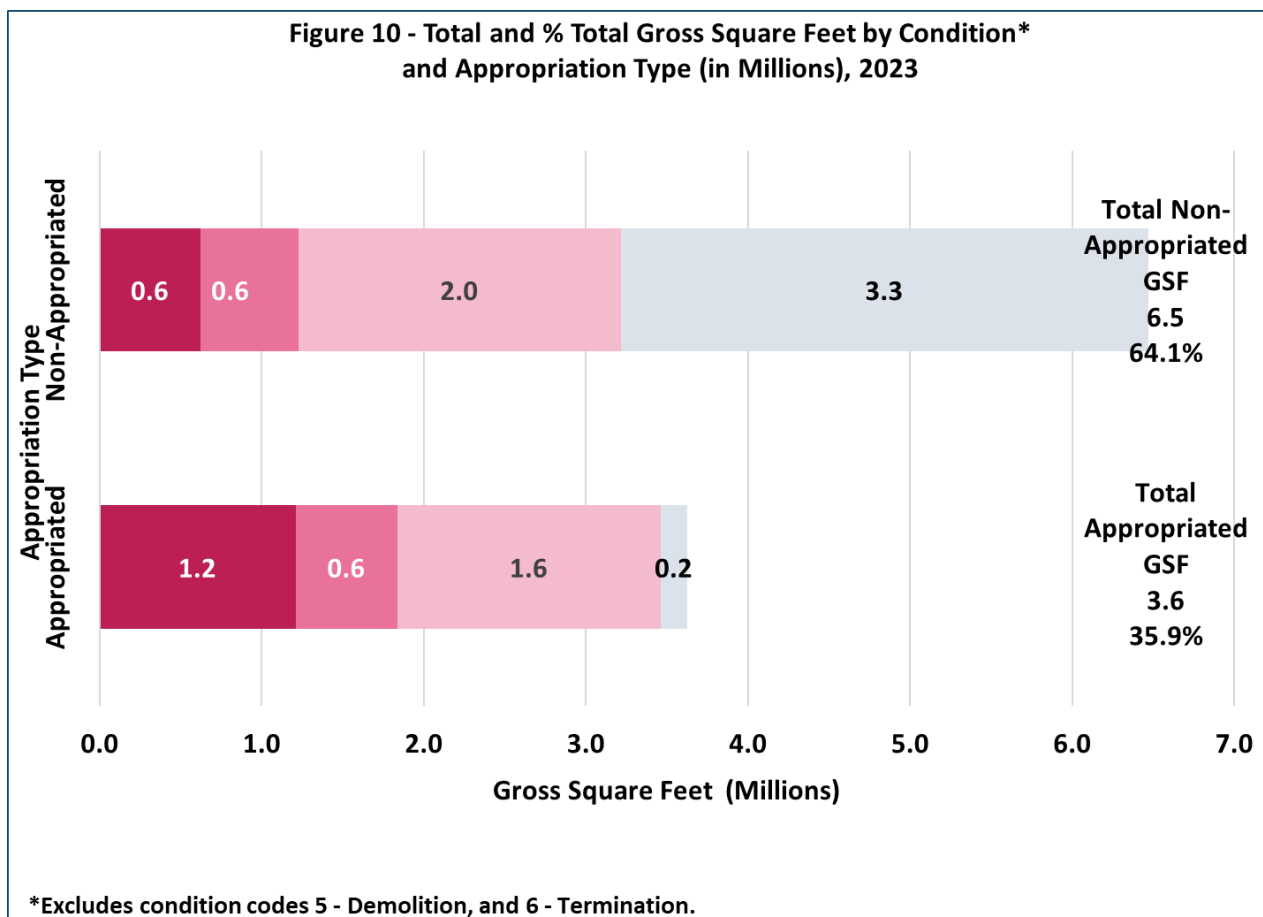
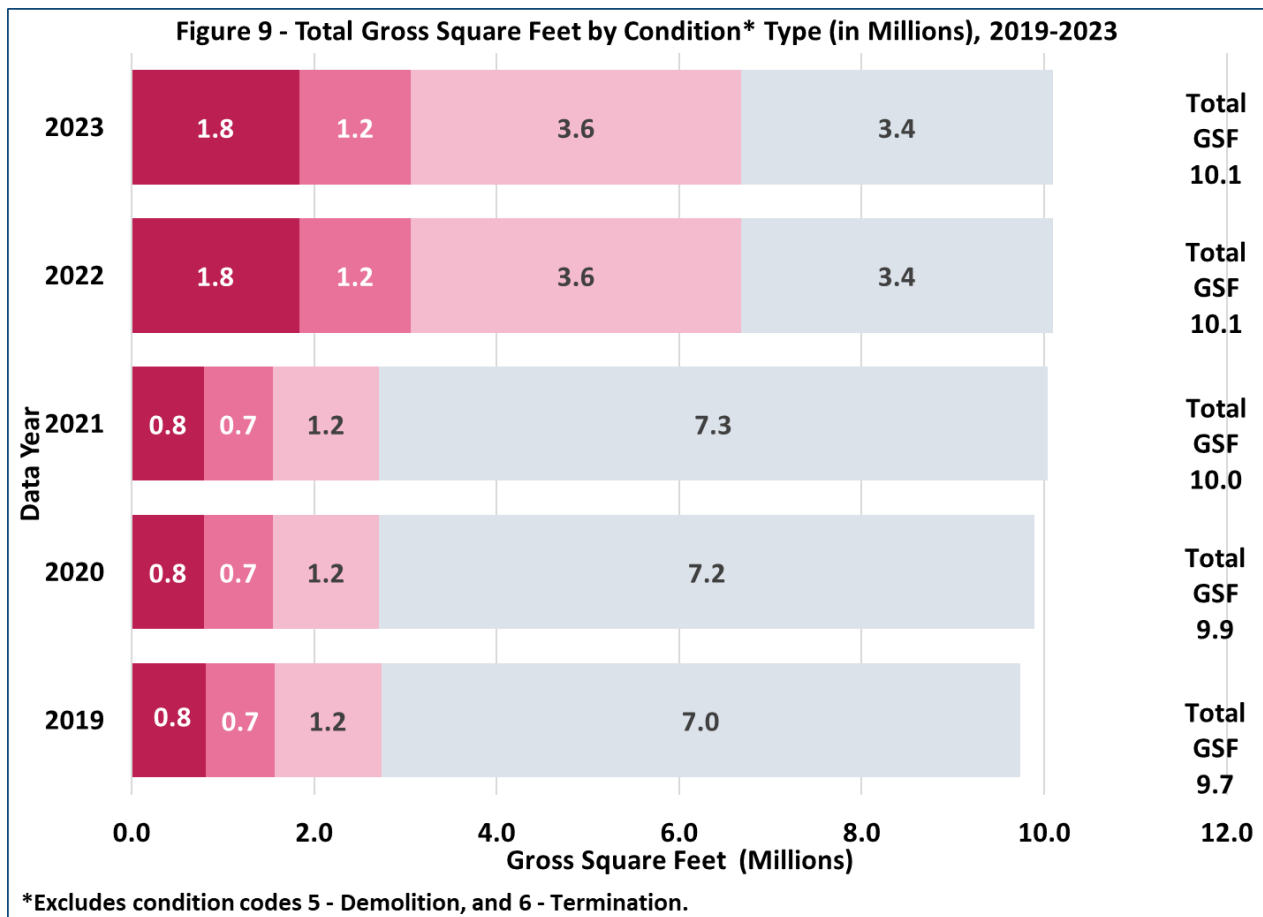
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	897,101	21.71%	22.16%	-0.45%
Research	320,839	7.76%	7.76%	0.00%
Public Service	73,759	1.79%	1.52%	0.26%
Student Service	2,094,125	50.68%	49.87%	0.81%
Other	746,272	18.06%	18.69%	-0.63%



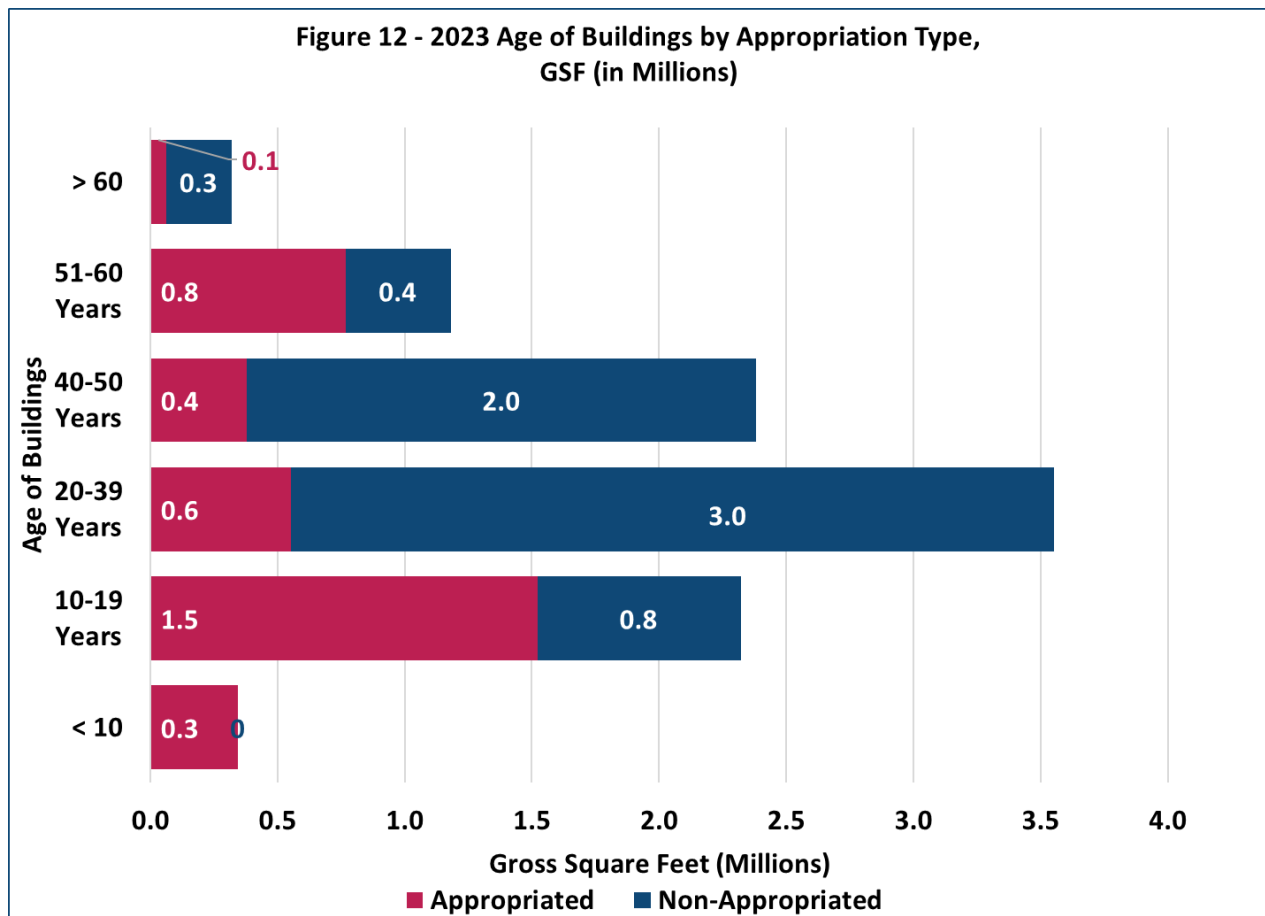
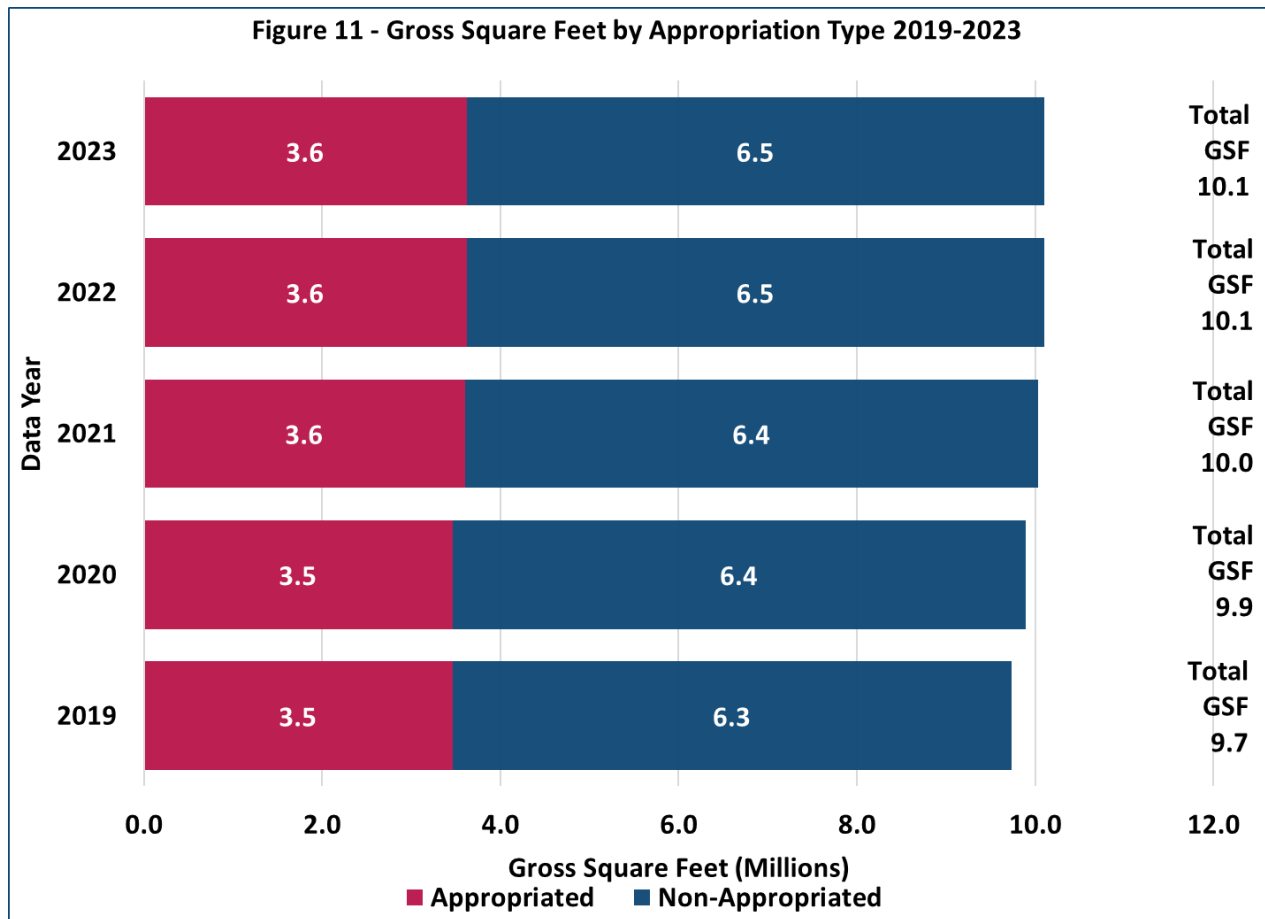
Building Characteristics

University of North Carolina Charlotte has 10,103,936 gross square feet of space comprised of 122 buildings (34 residential, 88 non-residential; 52 appropriated, 70 non-appropriated; 77 owned, 0 leased, 45 under other agreement terms) with 4,132,096 square feet of assignable space, having increased by 4.1 percent within the last five years. Since 2022, gross square footage has increased by 104,867 SF, or 0.8 percent.

UNC Charlotte Building Characteristics	
122 Total Buildings	
52 Appropriated	77 Owned
70 Non-Appropriated	0 Leased
	45 Other Agreement
122 Total	122 Total



University of North Carolina Charlotte Summary



University of North Carolina Greensboro Summary

Founded in 1891 in Greensboro, the geographical center of the state, UNCG is one of the original three UNC System institutions. Known in its early years as the North Carolina College for Women, UNCG today is one of the most diverse universities in North Carolina, providing more than 125 areas of study and over 80 graduate programs offering more than 180 advanced degrees. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

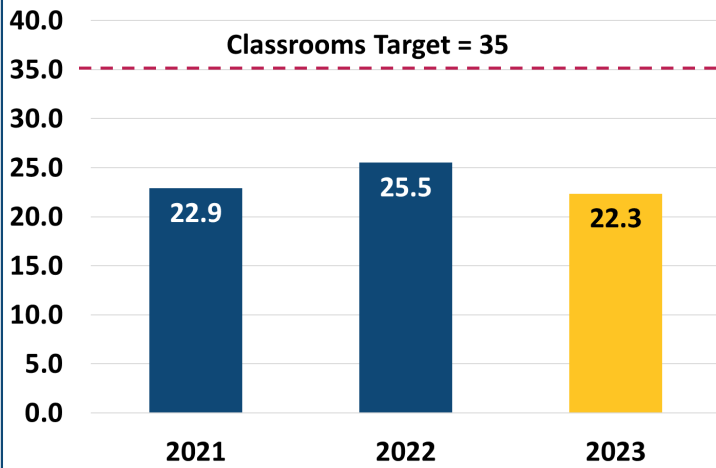


Figure 2 - Weekly Hours for Class Labs

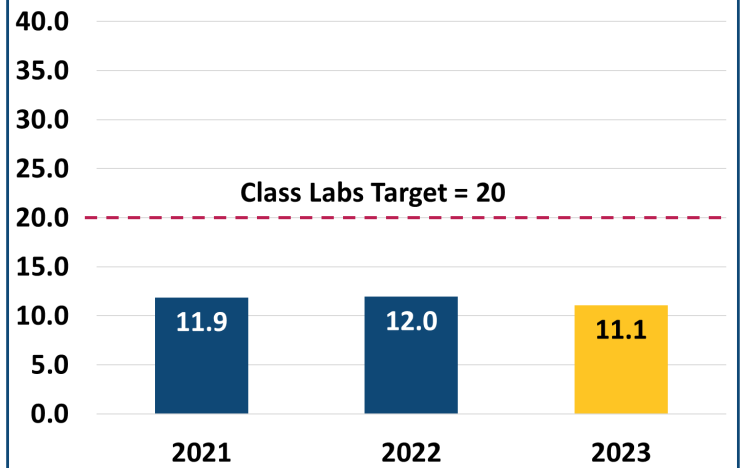


Figure 5 - Station Fill for Classrooms

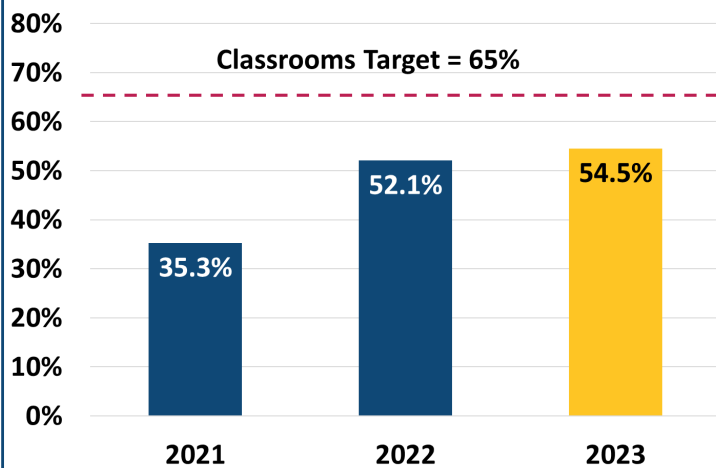
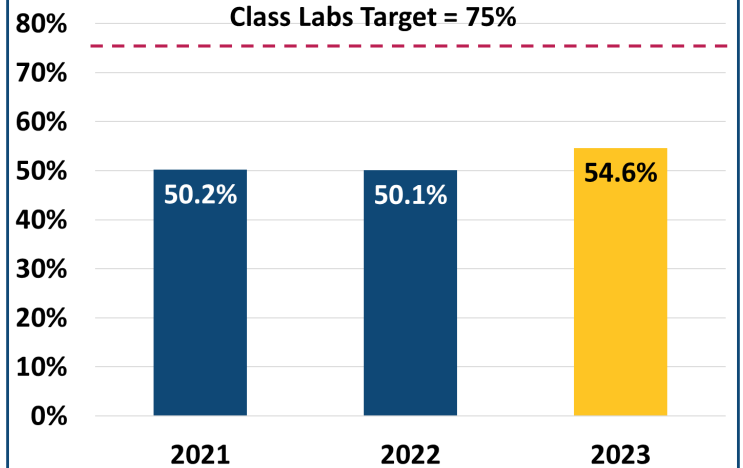


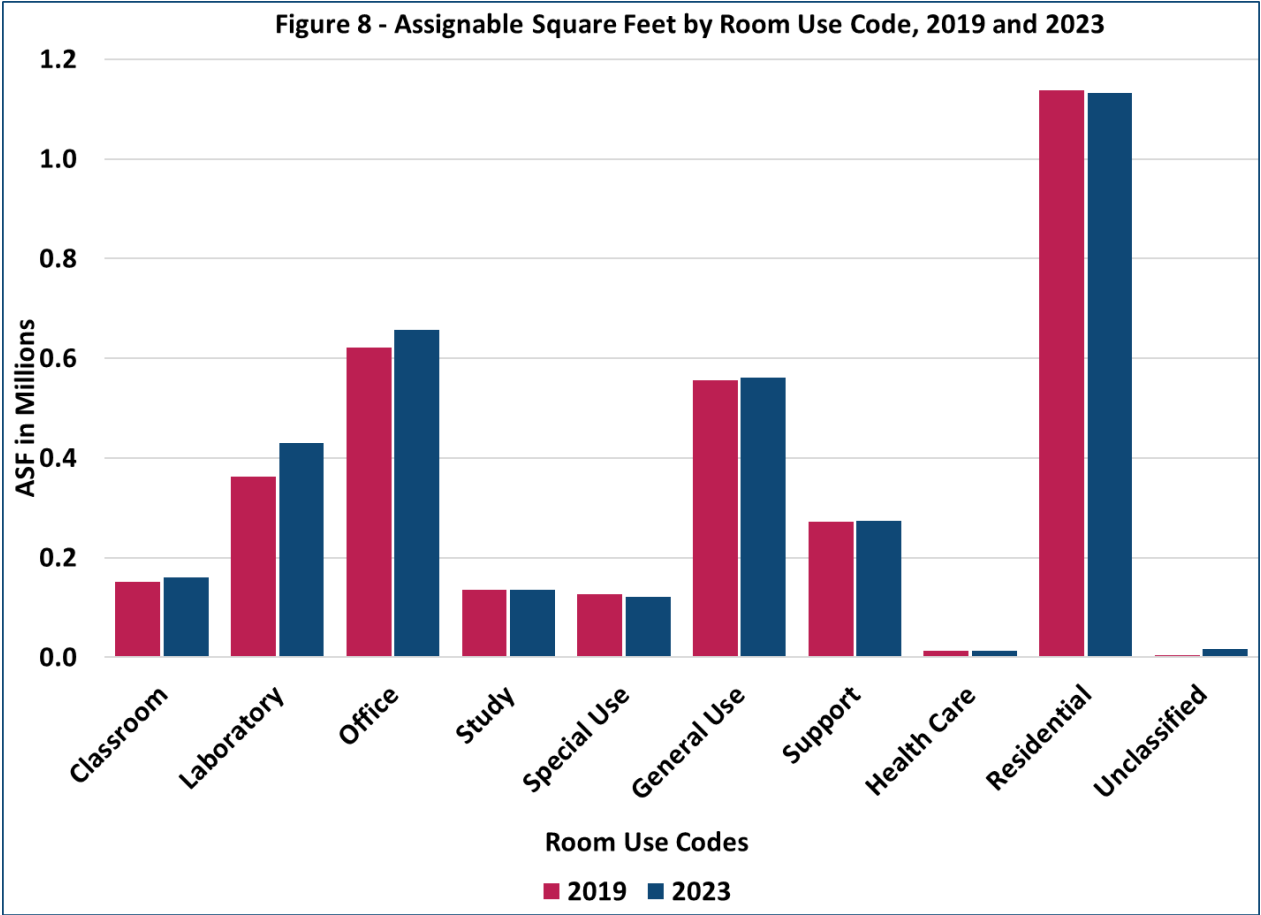
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at UNC Greensboro decreased from 3,503,315 to 3,502,620, or -0.02 percent from the previous year.

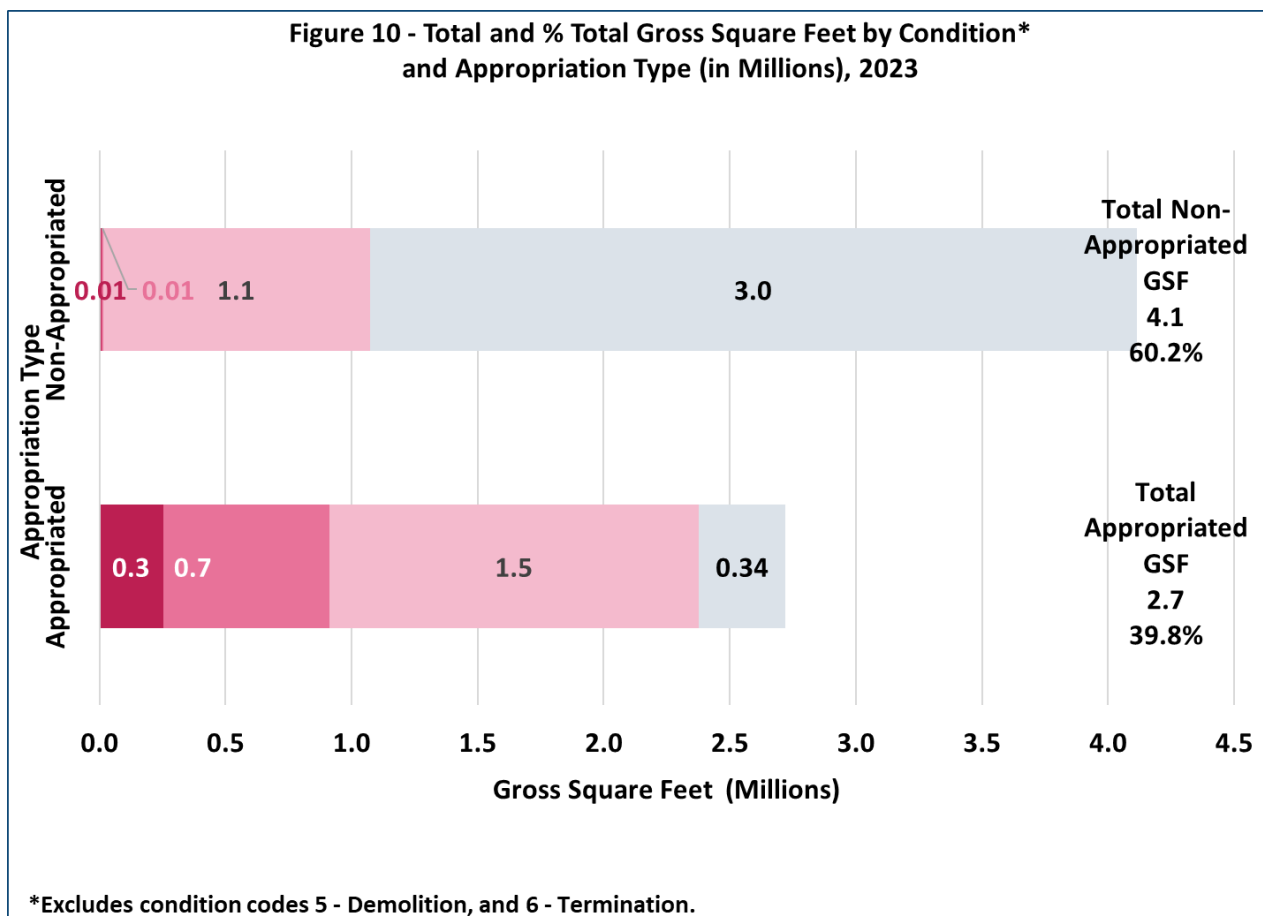
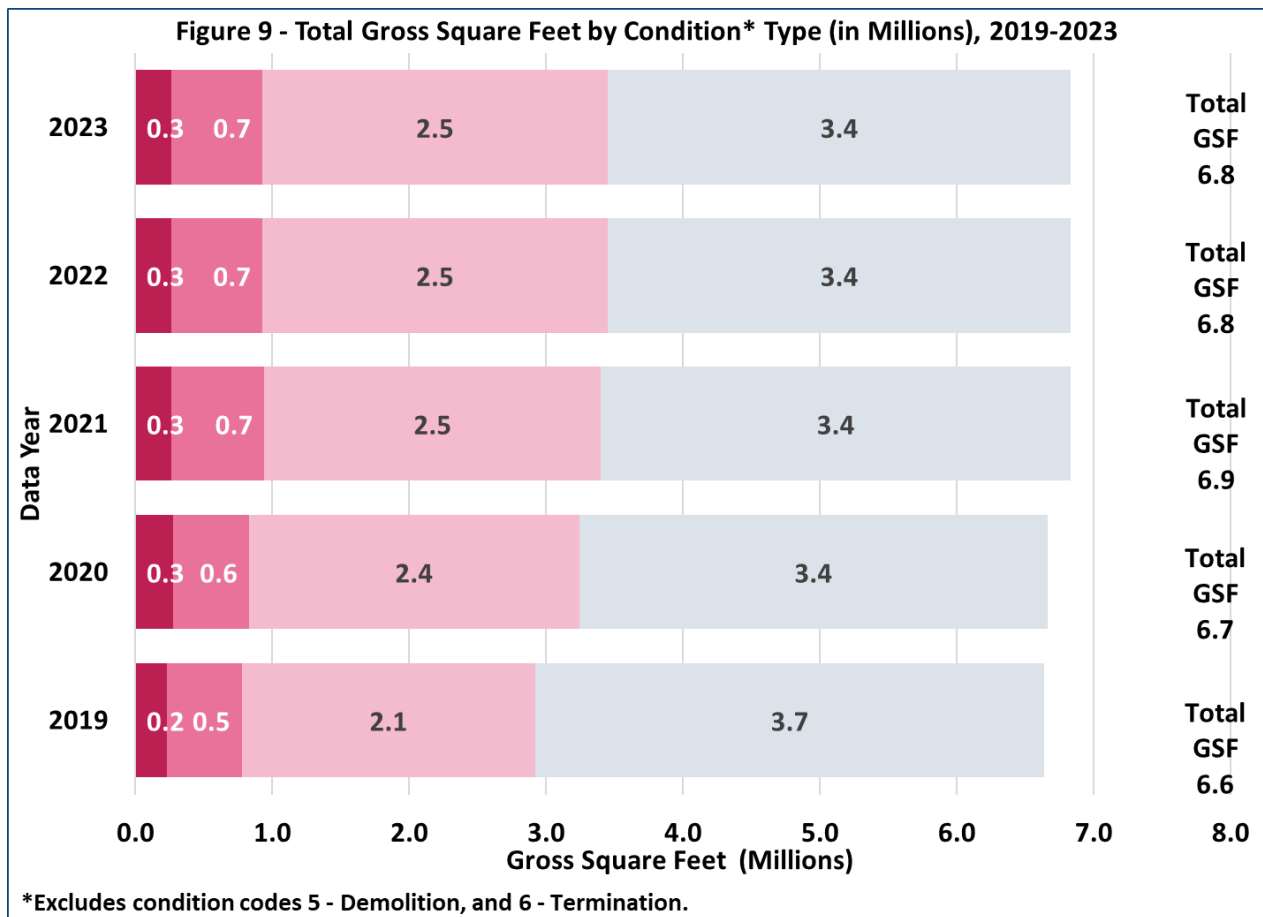
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	773,423	22.08%	20.61%	1.47%
Research	215,125	6.14%	5.37%	0.77%
Public Service	7,285	0.21%	0.17%	0.04%
Student Service	1,801,048	51.42%	53.49%	-2.07%
Other	705,739	20.15%	20.36%	-0.21%



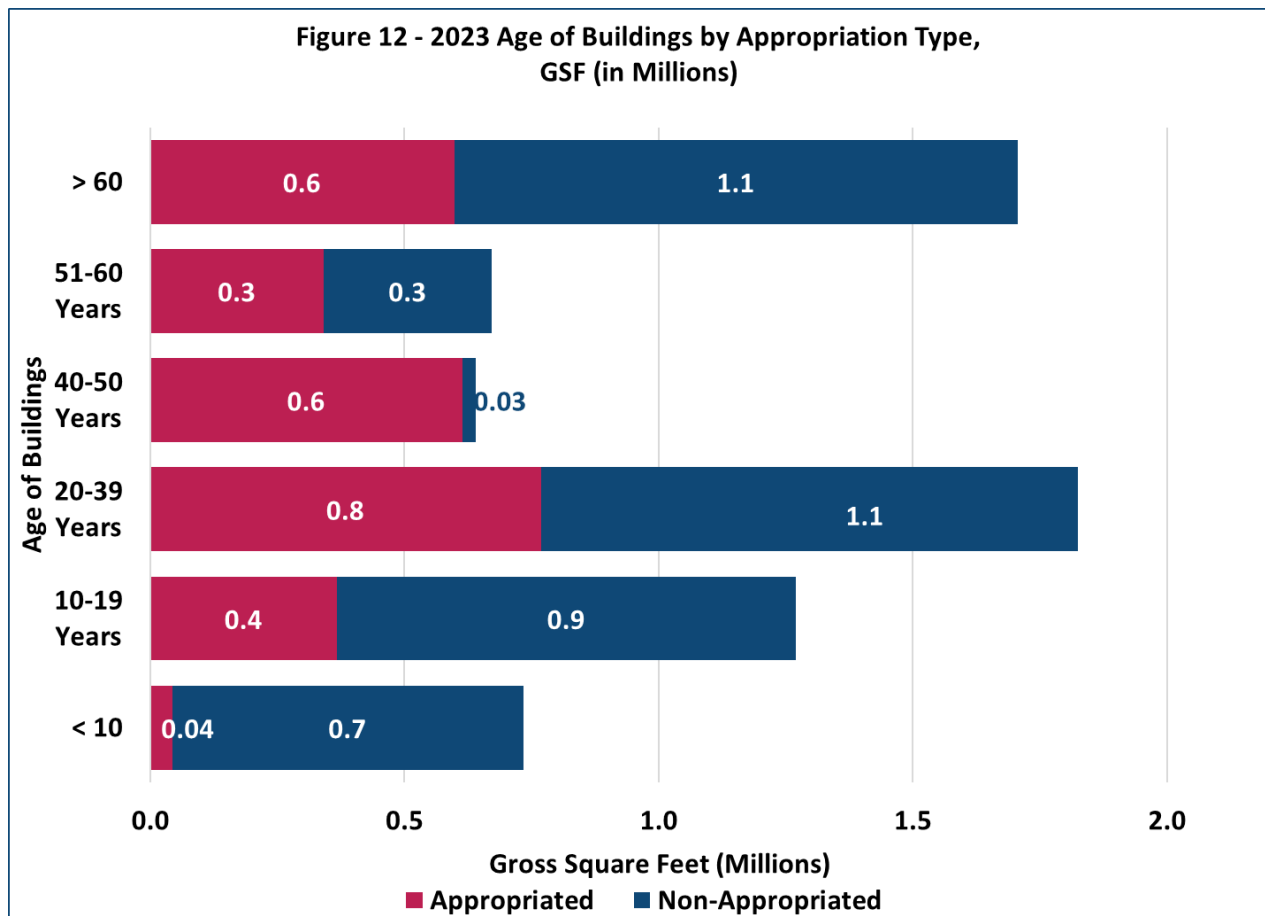
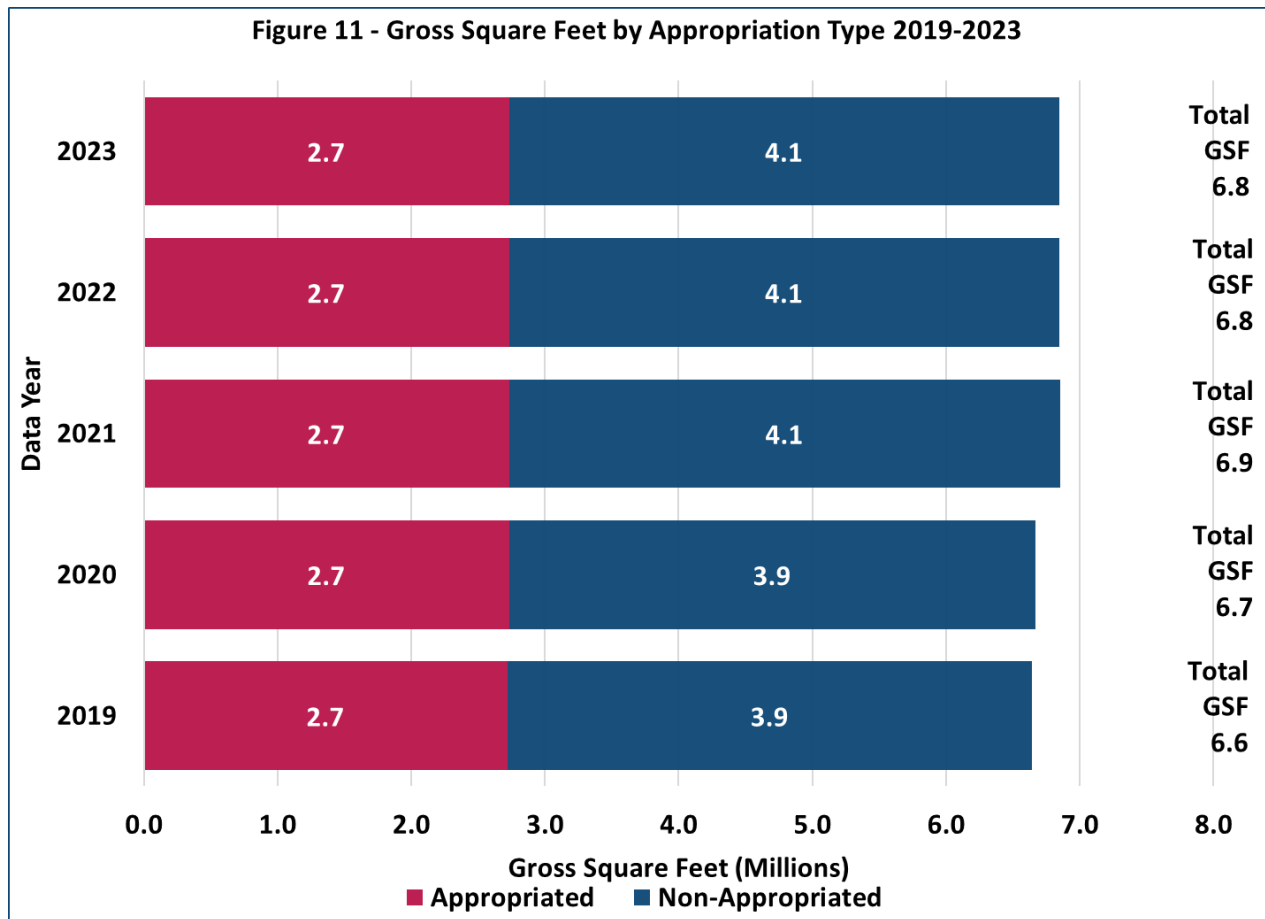
Building Characteristics

University of North Carolina Greensboro has 6,847,871 gross square feet of space comprised of 147 buildings (30 residential, 117 non-residential; 63 appropriated, 84 non-appropriated; 86 owned, 10 leased, 51 under other agreement terms) with 3,502,620 square feet of assignable space, having increased by 3.7 percent within the last five years. Since 2022, gross square footage has remained unchanged.

UNC Greensboro Building Characteristics	
147 Total Buildings	
63 Appropriated	86 Owned
84 Non-Appropriated	10 Leased
51 Other Agreement	
147 Total	147 Total



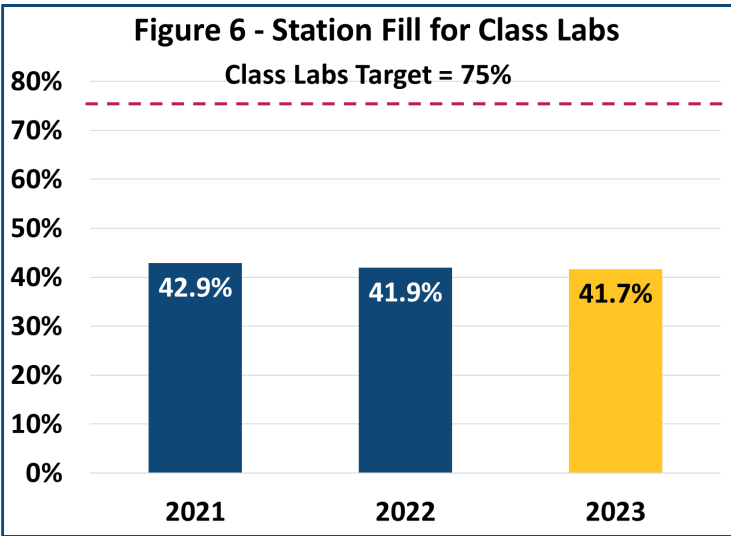
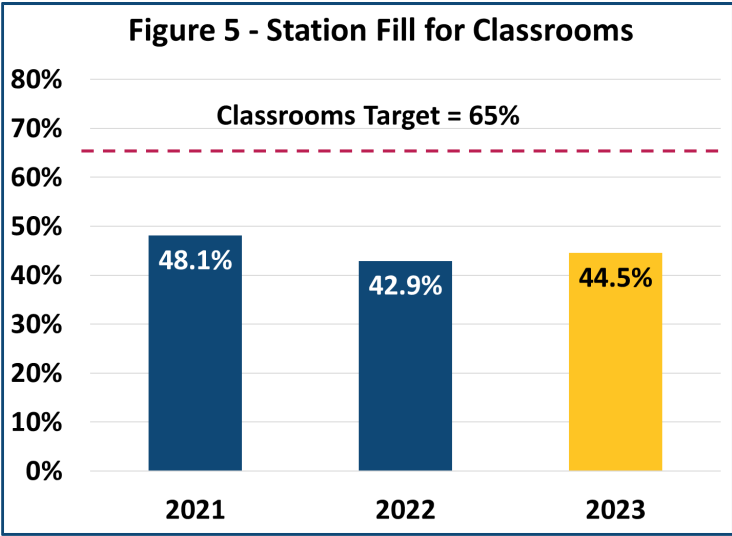
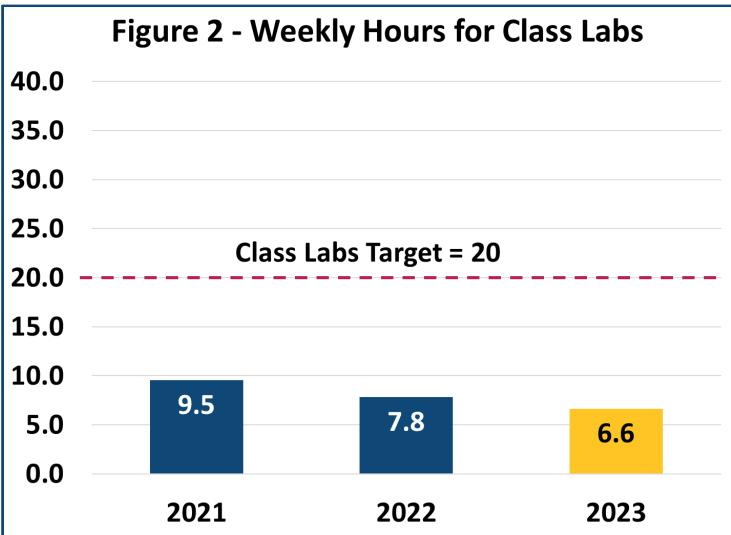
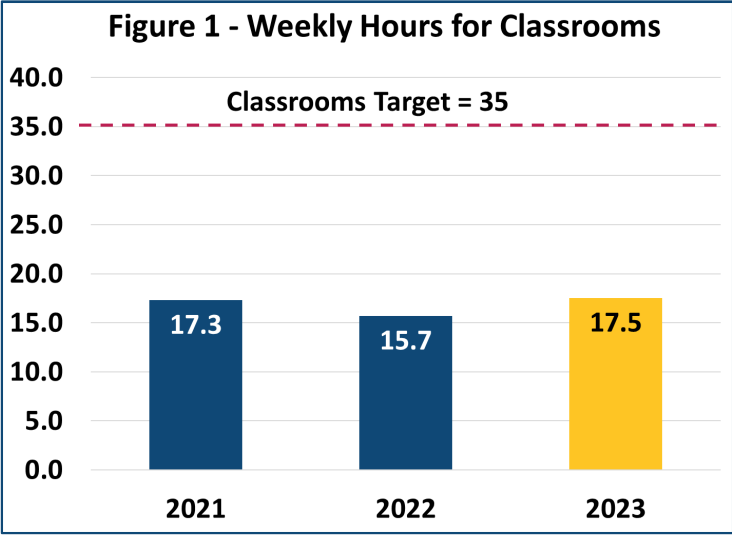
University of North Carolina Greensboro Summary



University of North Carolina Pembroke Summary

Founded in 1887 to educate American Indian teachers, UNC Pembroke is the nation’s only four-year public institution founded by American Indians for American Indians. Located in Pembroke in southeastern North Carolina, UNCP is one of the most diverse campuses in the South. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

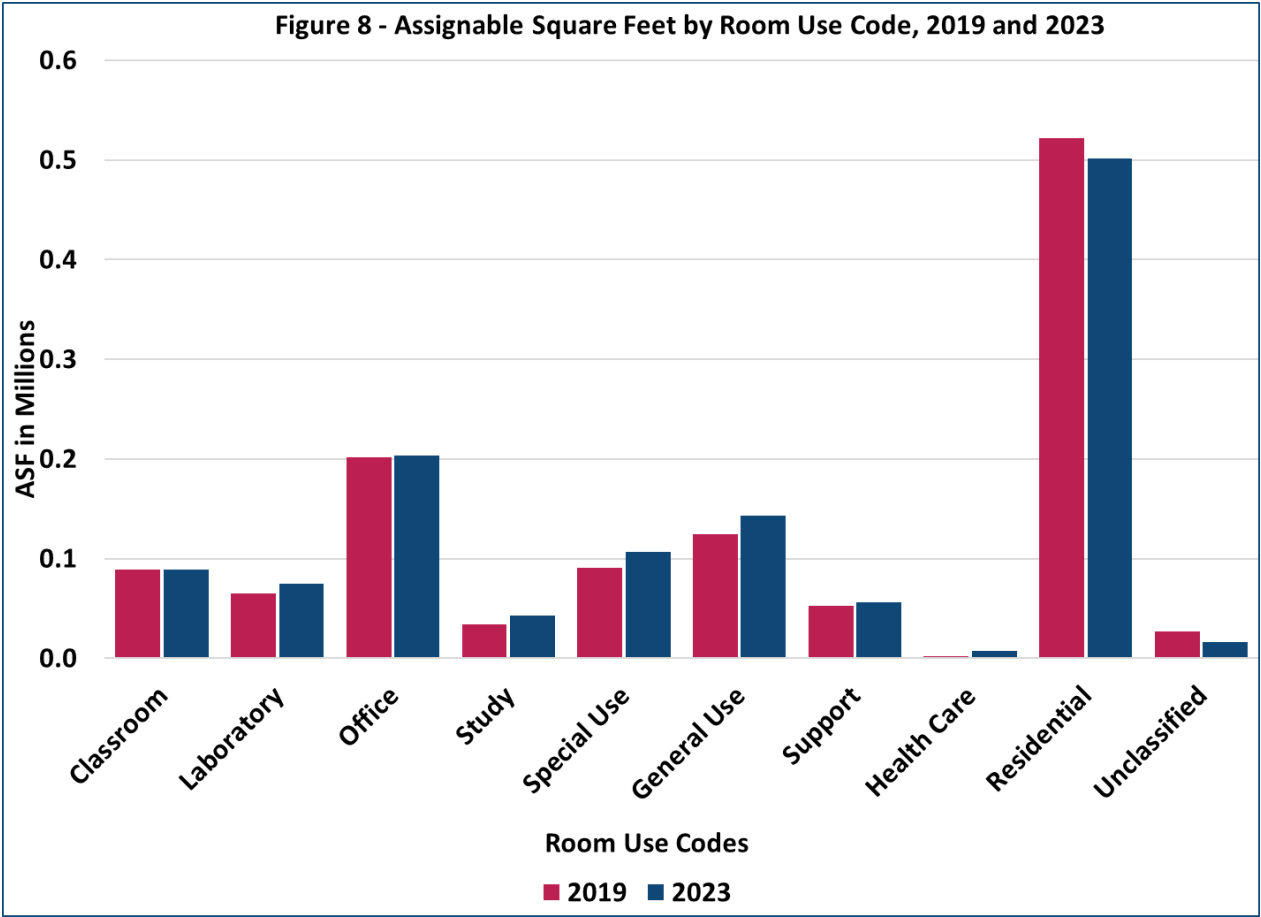
Utilization of Space



Room Space Characteristics

In 2023, the assignable square feet at UNC Pembroke decreased from 1,248,150 to 1,224,827, or -1.90 percent from the previous year.

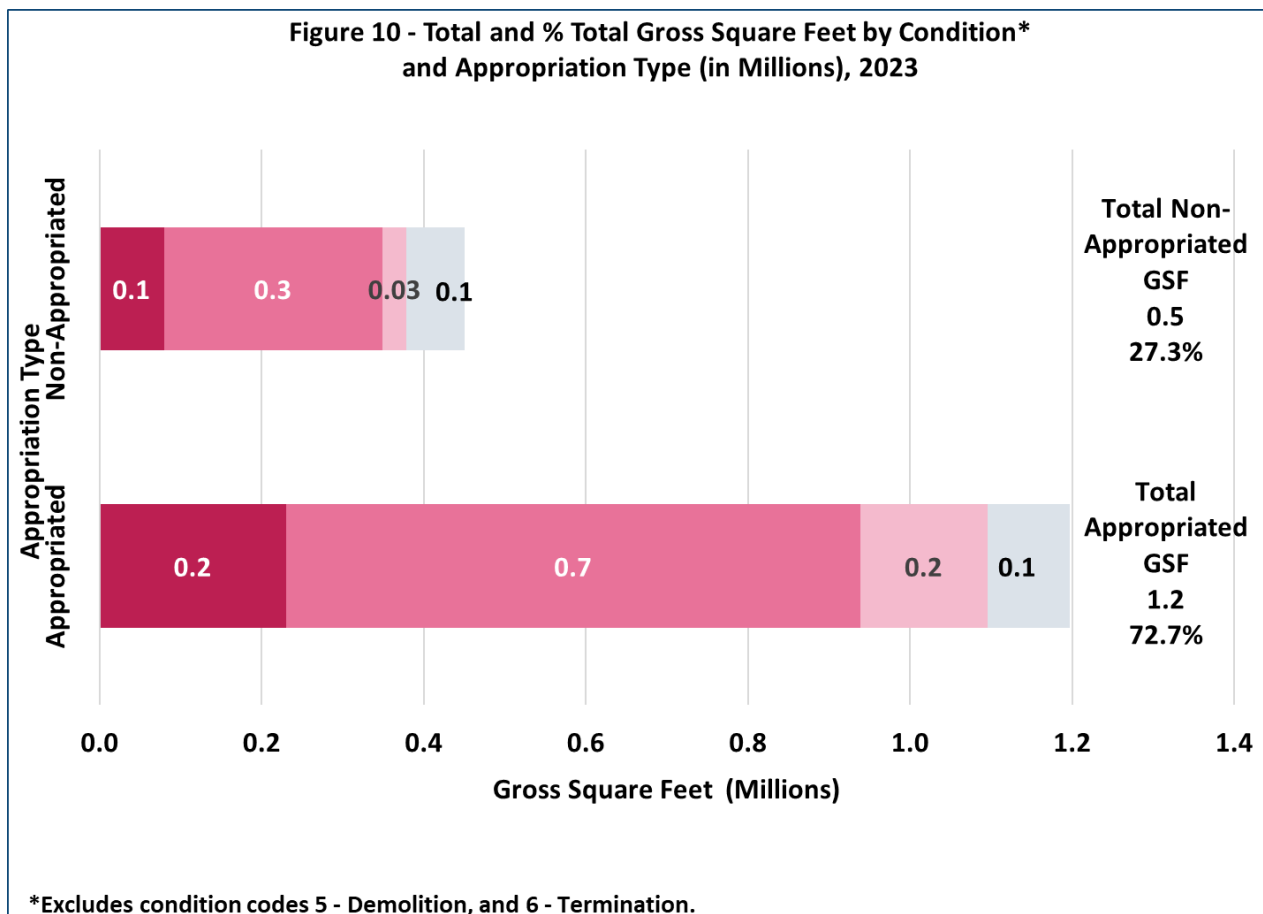
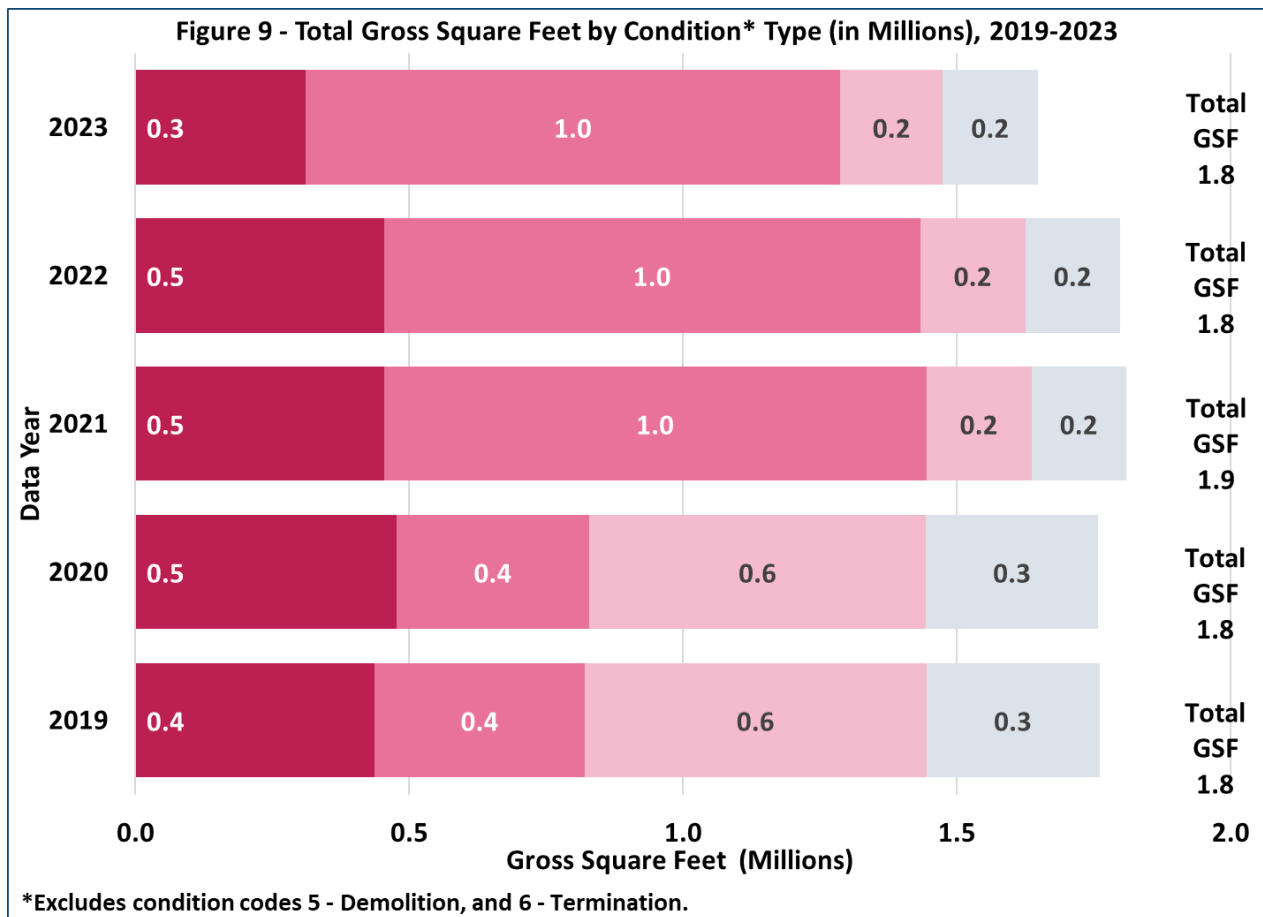
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	265,477	21.67%	24.02%	-2.35%
Research	7,000	0.57%	0.16%	0.41%
Public Service	7,434	0.61%	0.13%	0.47%
Student Service	687,516	56.13%	55.64%	0.49%
Other	257,400	21.02%	20.04%	0.97%



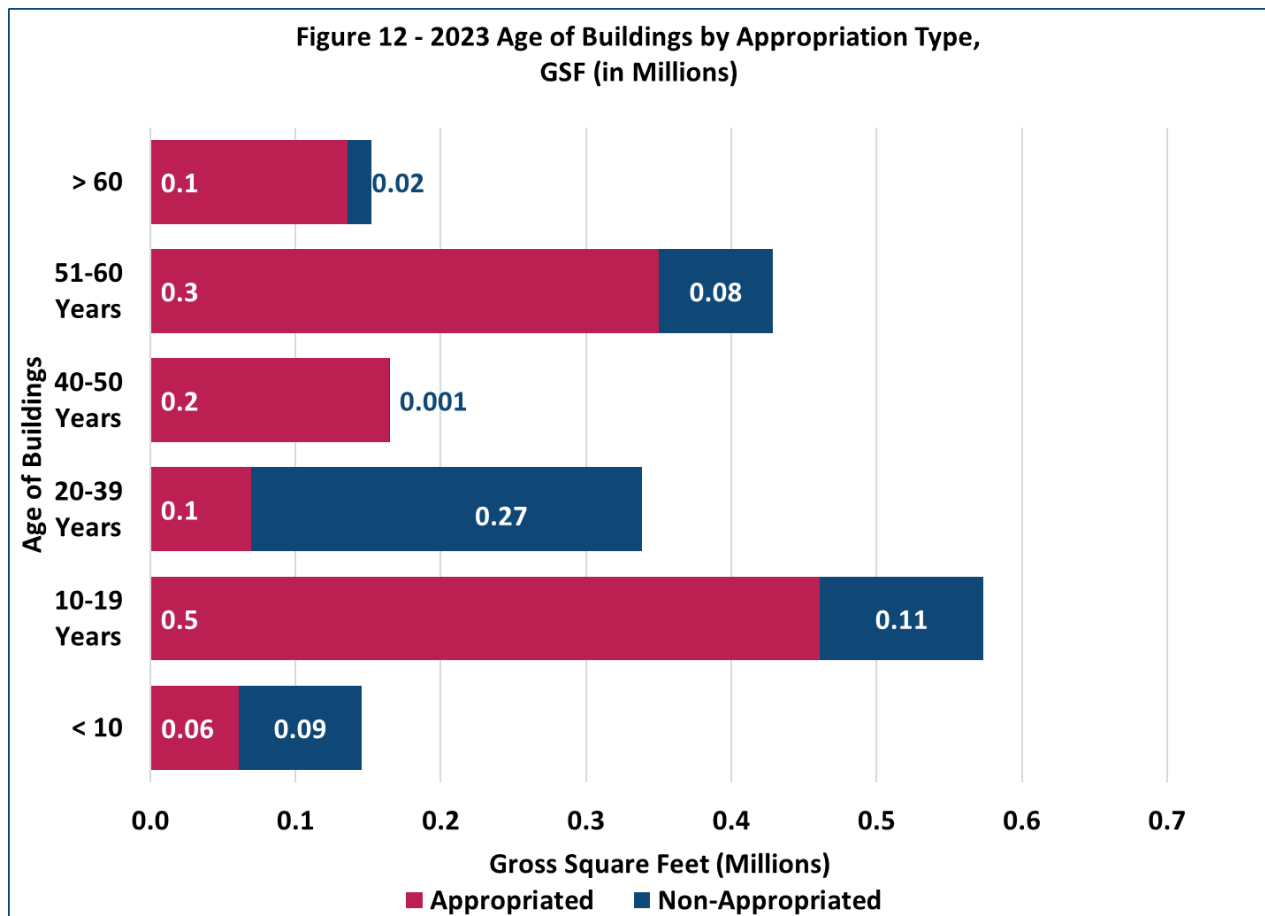
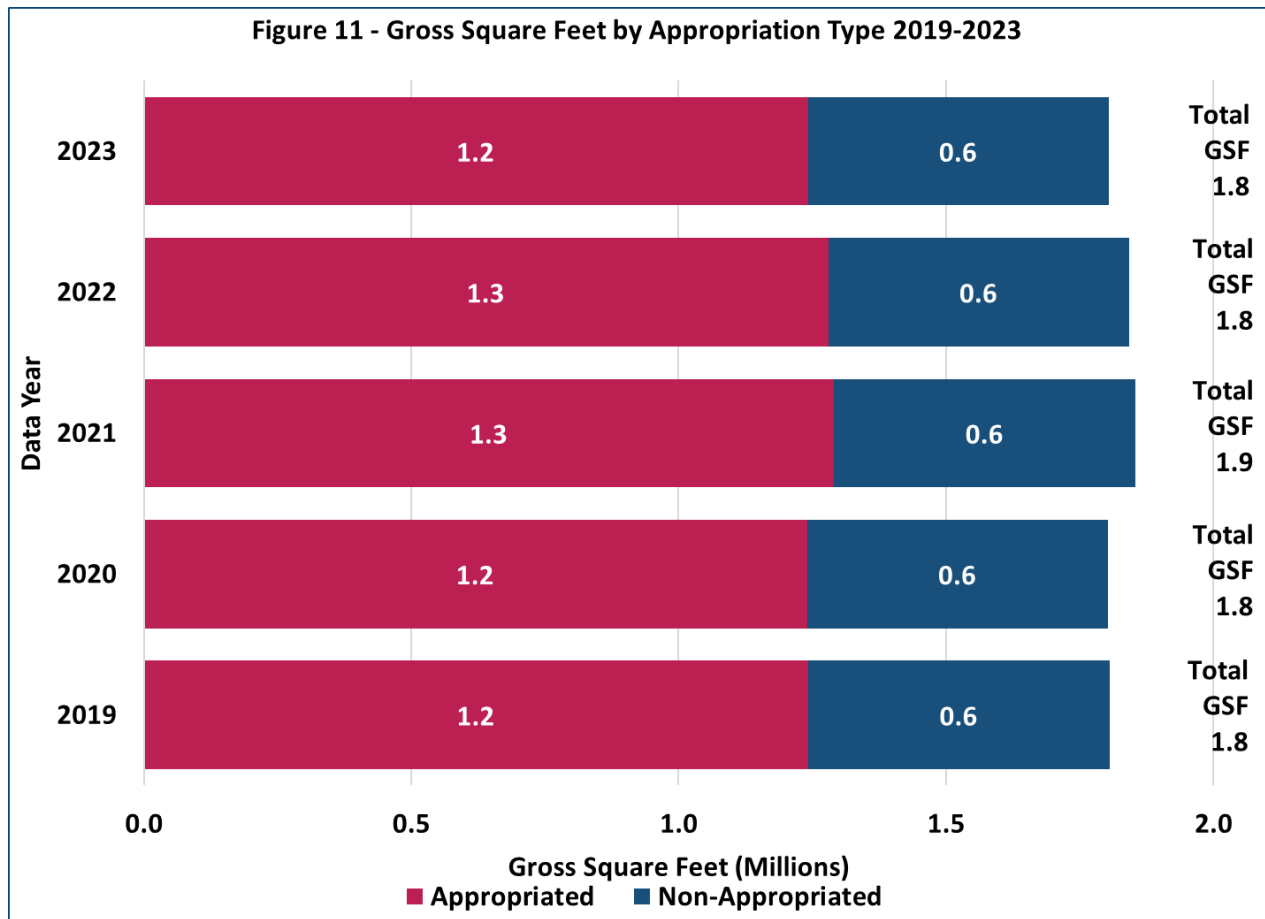
Building Characteristics

University of North Carolina Pembroke has 1,804,743 gross square feet of space comprised of 53 buildings (14 residential, 39 non-residential; 35 appropriated, 18 non-appropriated; 39 owned, 0 leased, 14 under other agreement terms) with 1,224,827 square feet of assignable space, having increased by 1.3 percent within the last five years. Since 2022, gross square footage has decreased by -38,118 SF, or -2.1 percent.

UNC Pembroke Building Characteristics	
53 Total Buildings	
35 Appropriated	39 Owned
18 Non-Appropriated	0 Leased
53 Total	14 Other Agreement
	53 Total



University of North Carolina Pembroke Summary



University of North Carolina School of the Arts Summary

Established by act of the North Carolina General Assembly in 1963, the North Carolina School of the Arts opened in 1965 as America's first public arts conservatory, located in Winston-Salem as a result of a fund-raising campaign to win the school for the city. The UNC School of the Arts is a top-ranked performing arts, visual arts, and filmmaking conservatory preparing high school, undergraduate, and graduate students for professional careers in dance companies, top orchestras, themed entertainment, major motion picture companies, on Broadway, and more. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

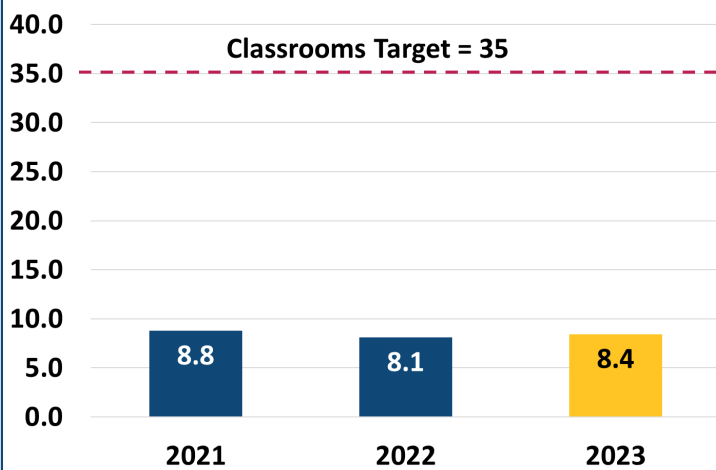


Figure 2 - Weekly Hours for Class Labs

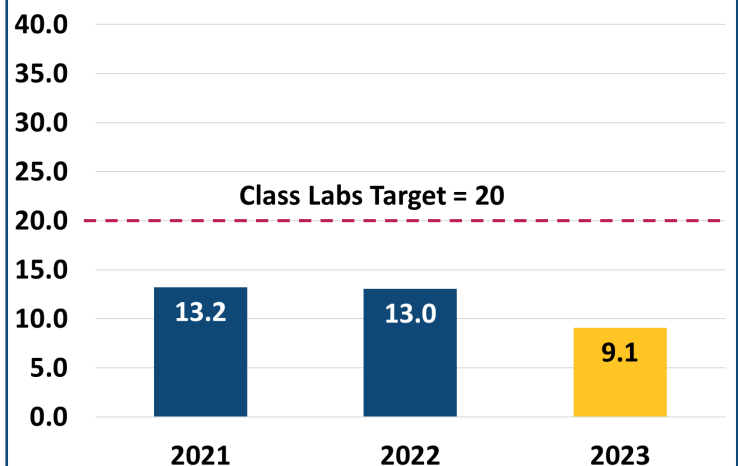


Figure 5 - Station Fill for Classrooms

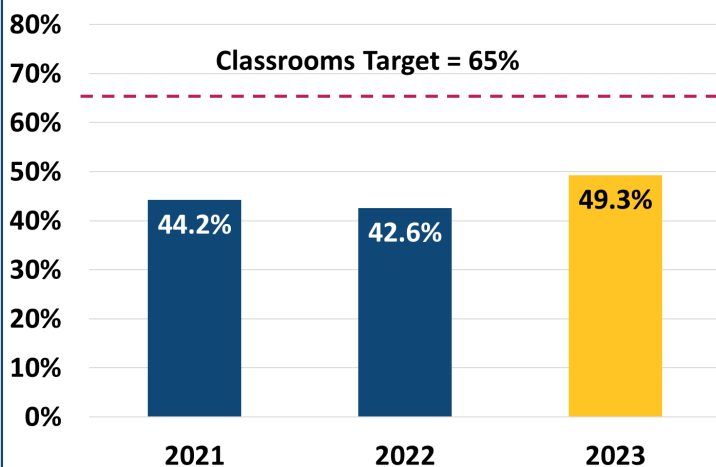
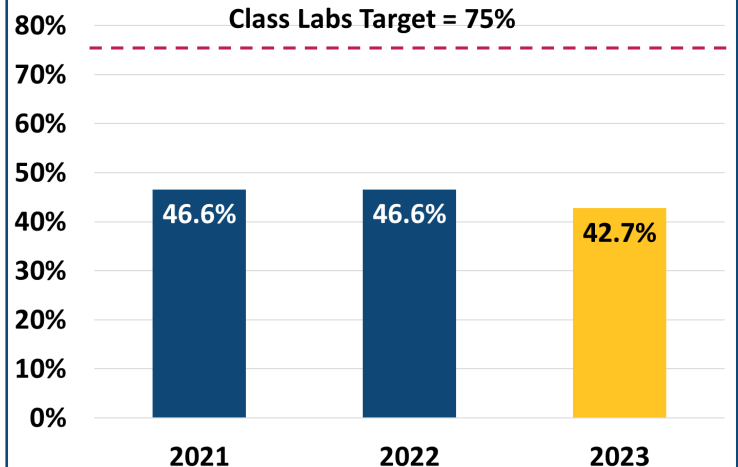


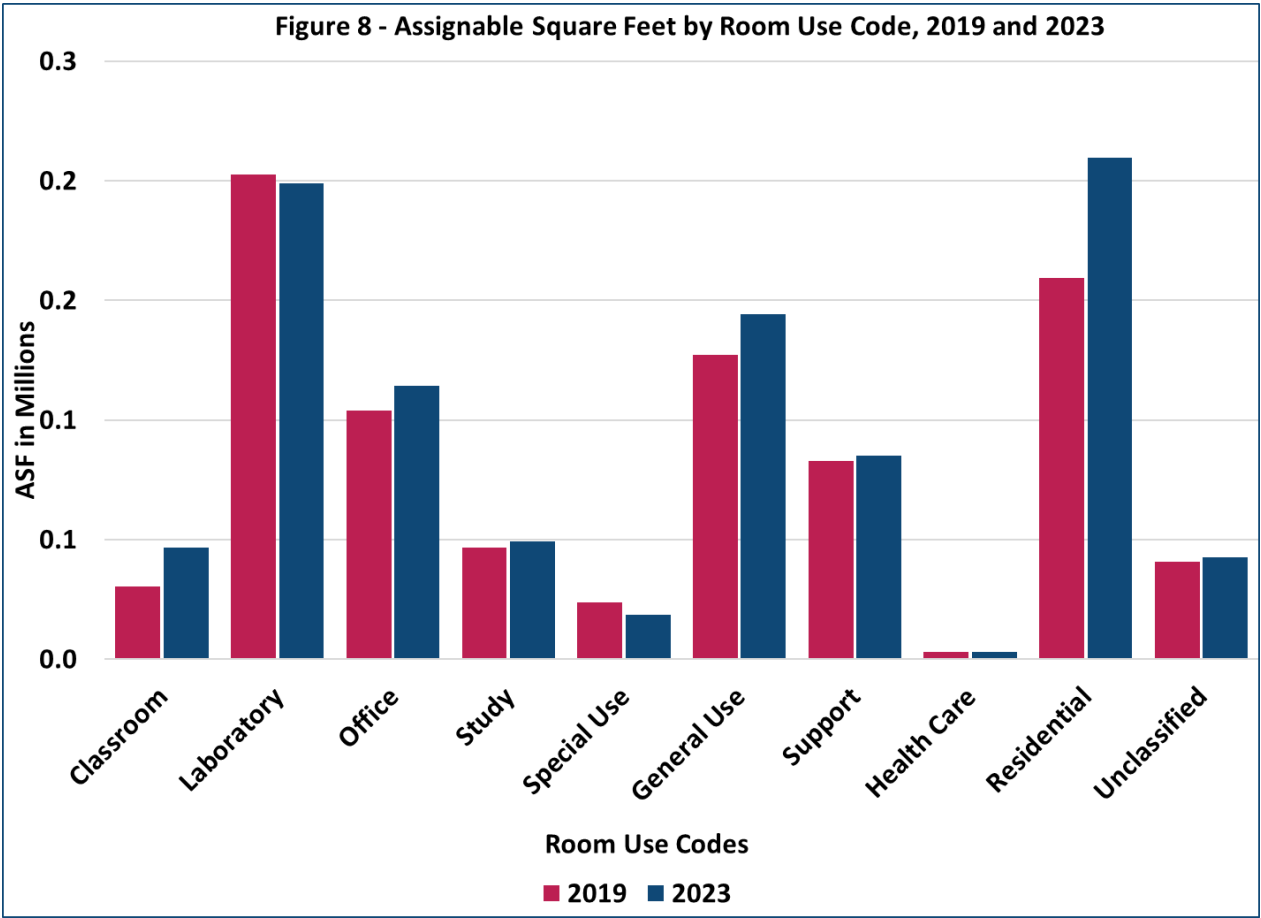
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at UNC School of the Arts increased from 859,402 to 912,409, or 5.81 percent from the previous year.

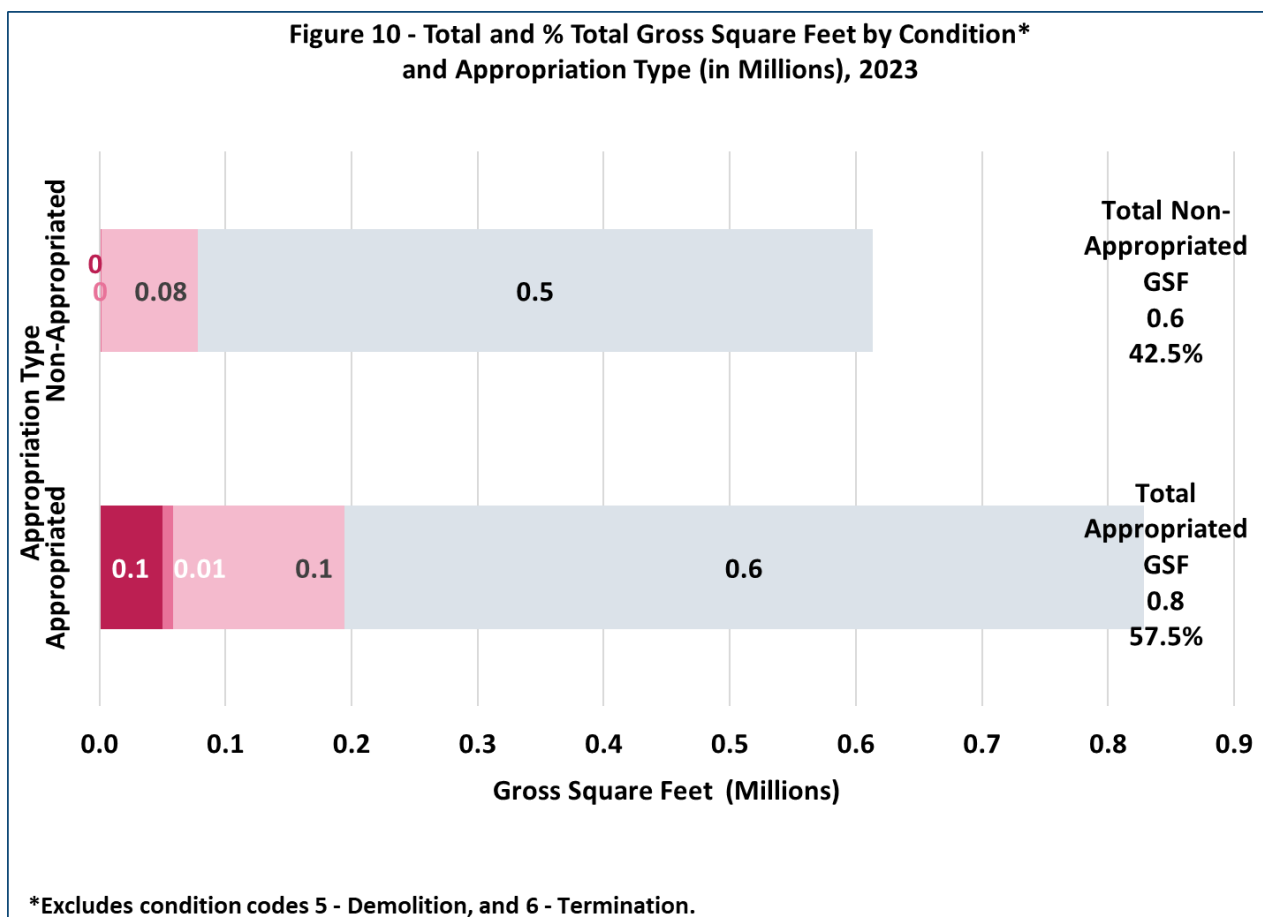
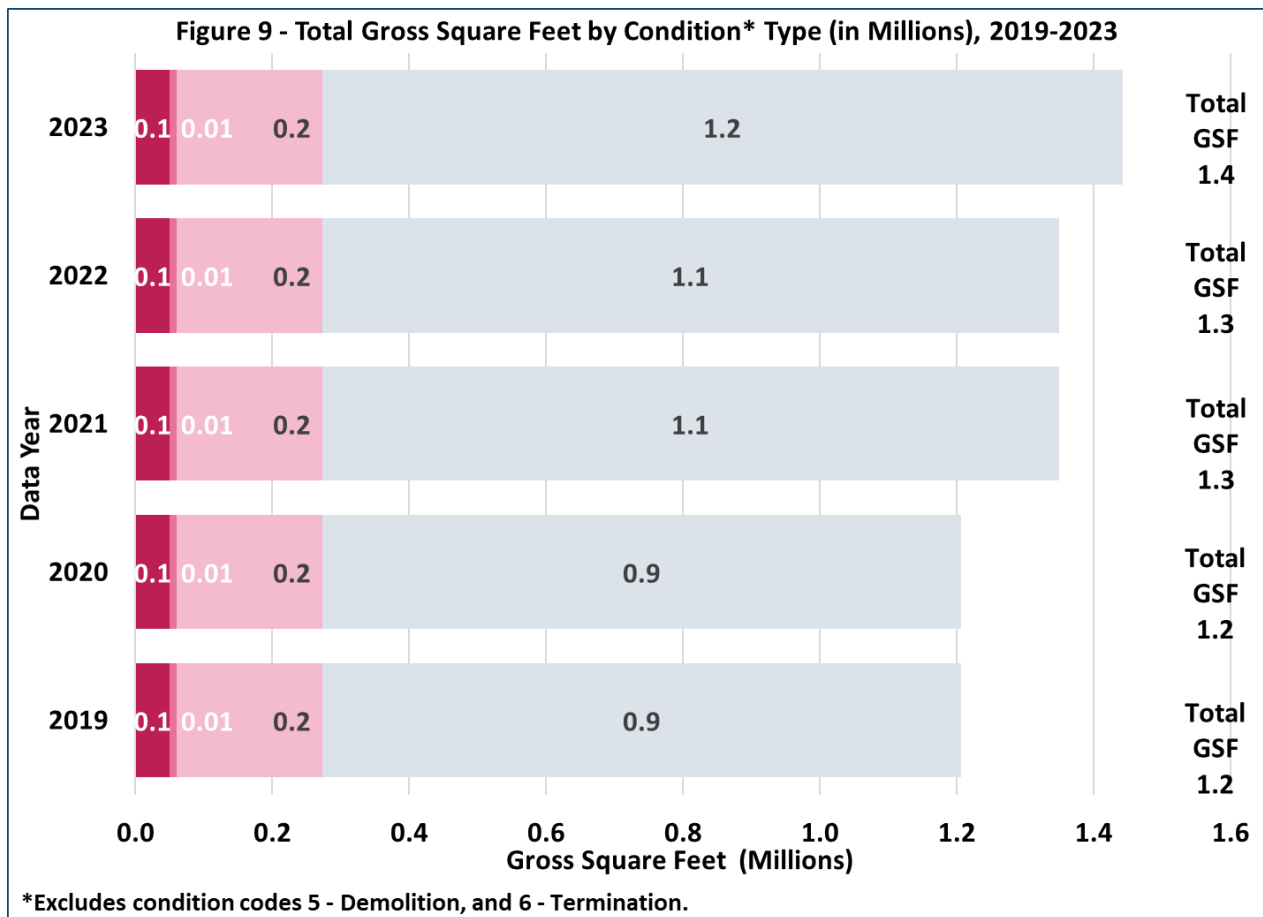
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	354,225	38.82%	39.60%	-0.78%
Research	3,785	0.41%	0.00%	0.41%
Public Service	25,042	2.74%	3.05%	-0.31%
Student Service	298,932	32.76%	29.93%	2.83%
Other	230,425	25.25%	27.41%	-2.16%



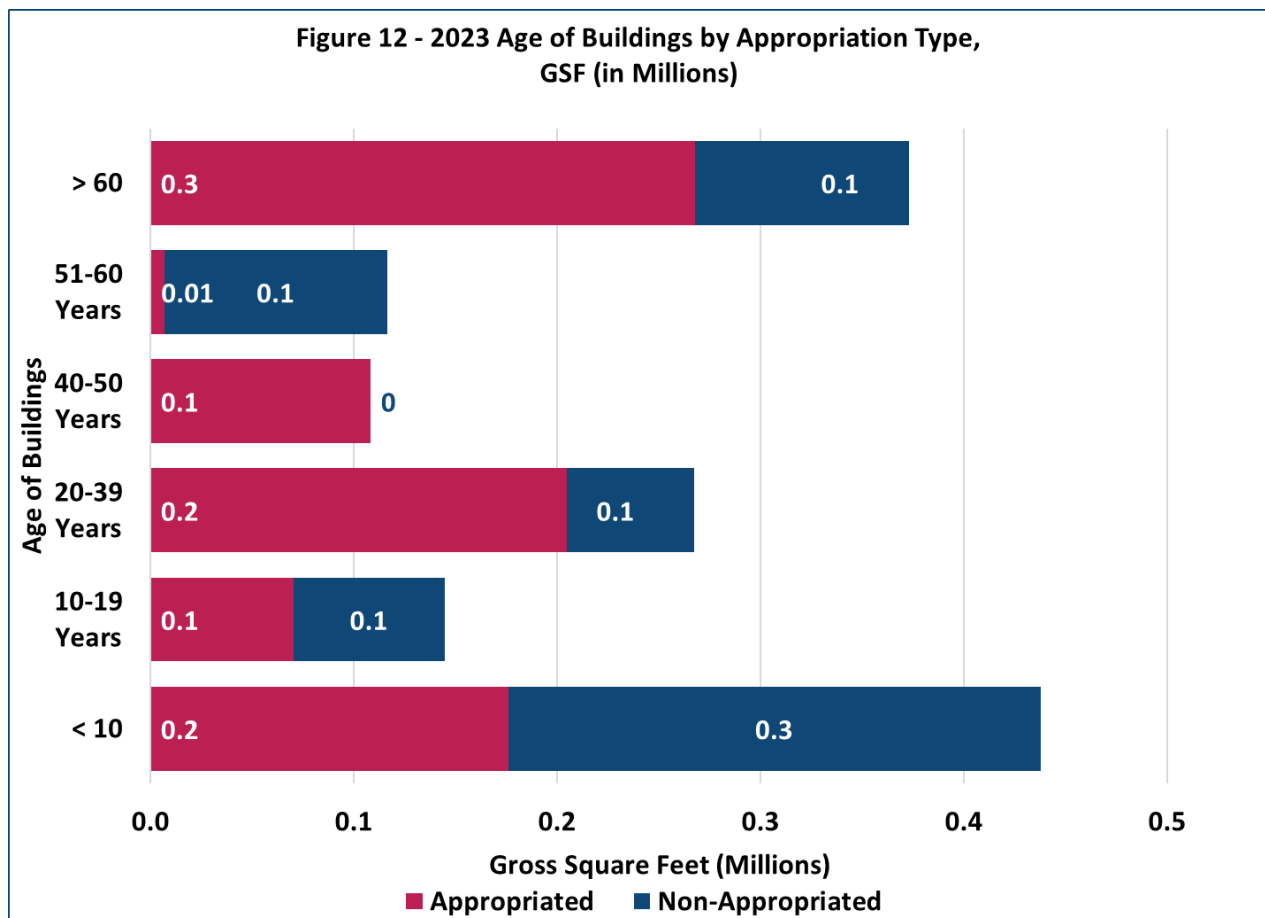
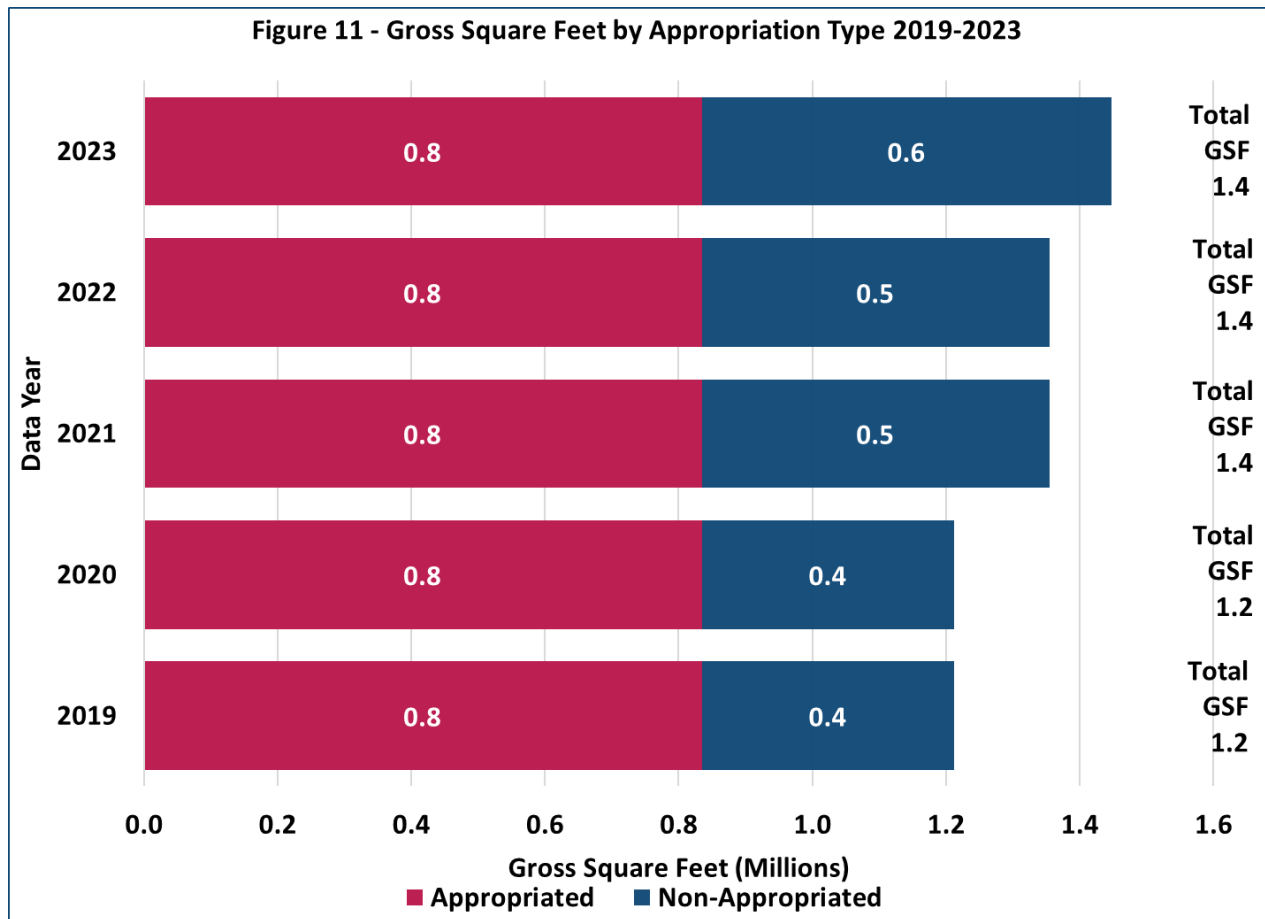
Building Characteristics

University of North Carolina School of the Arts has 1,447,991 gross square feet of space comprised of 61 buildings (14 residential, 47 non-residential; 43 appropriated, 18 non-appropriated; 55 owned, 1 leased, 5 under other agreement terms) with 912,409 square feet of assignable space, increasing 11.2 percent within the last five years. Since 2022, gross square footage has increased 93,209, or 6.9 percent.

UNC School of the Arts Building Characteristics	
61 Total Buildings	
43 Appropriated	55 Owned
18 Non-Appropriated	1 Leased
61 Total	5 Other Agreement
	61 Total



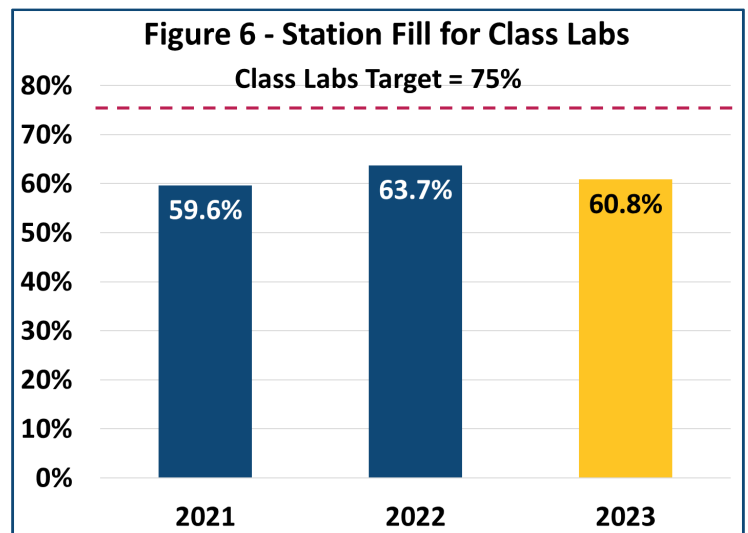
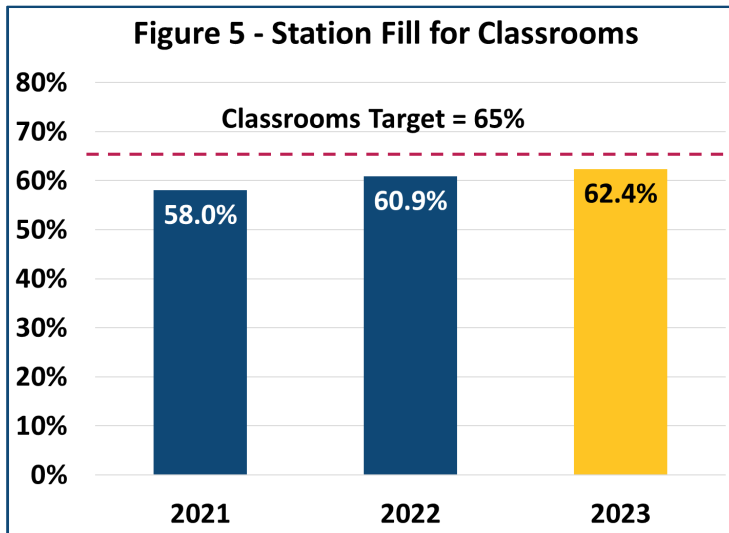
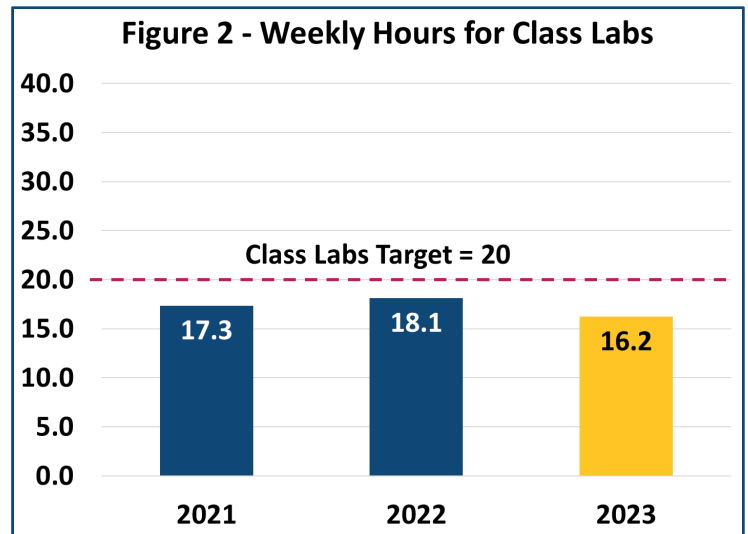
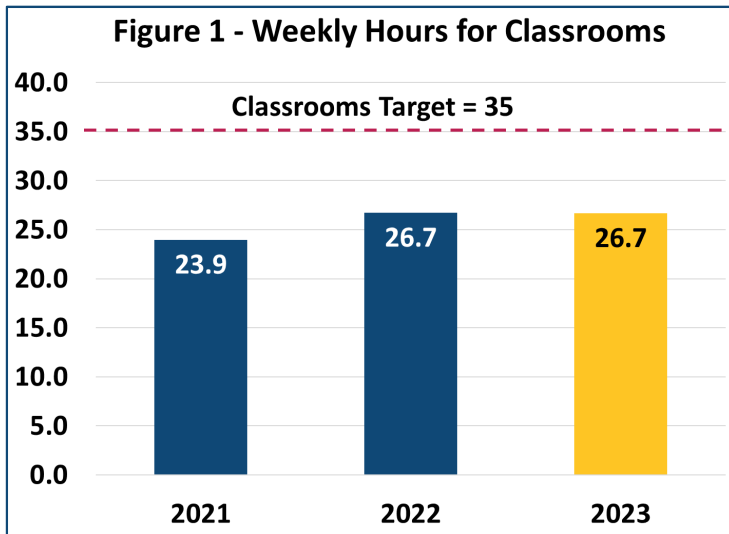
University of North Carolina School of the Arts Summary



University North Carolina Wilmington Summary

Initially opened in Wilmington as a college center to serve World War II veterans in 1946, UNCW became a four-year college by act of the North Carolina General Assembly in 1963. Widely acknowledged for its world-class faculty and staff and continuously recognized at a national level for scholarly excellence and affordability, UNCW offers a powerful academic experience that stimulates creative inquiry and critical thinking, grounded in a community that values diversity, inclusion, and global perspectives. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

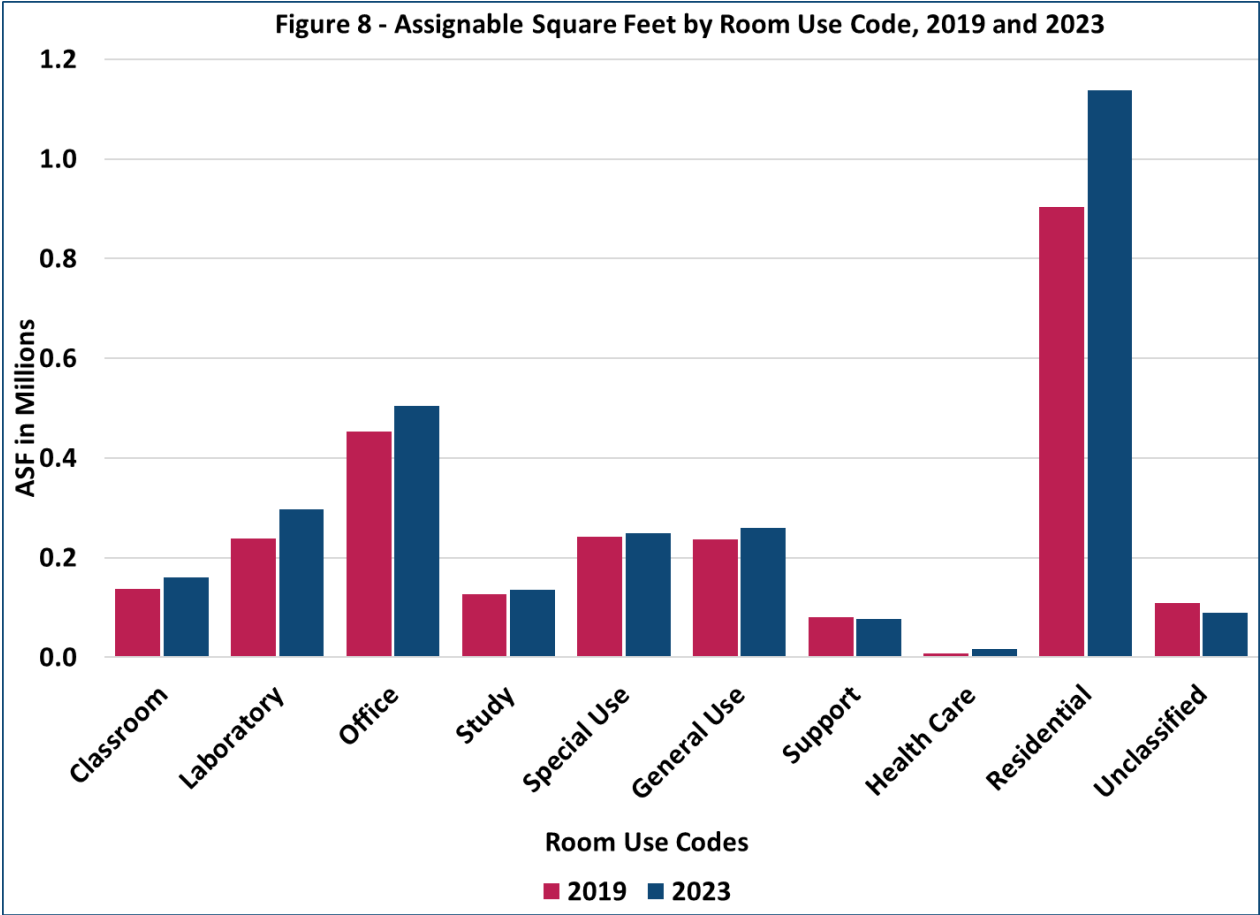
Utilization of Space



Room Space Characteristics

In 2023, the assignable square feet at UNC Wilmington increased from 2,887,775 to 2,925,325, or 1.3 percent from the previous year.

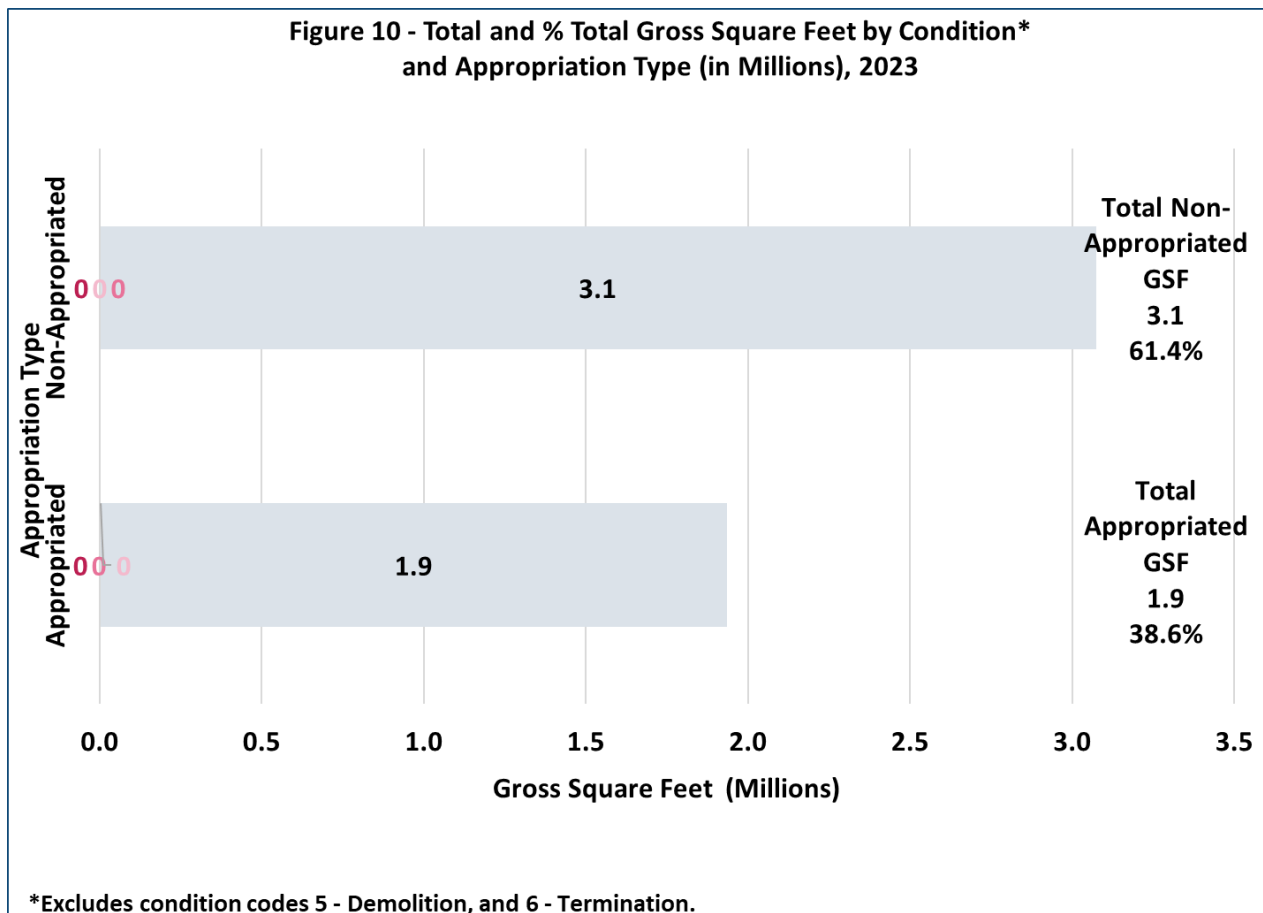
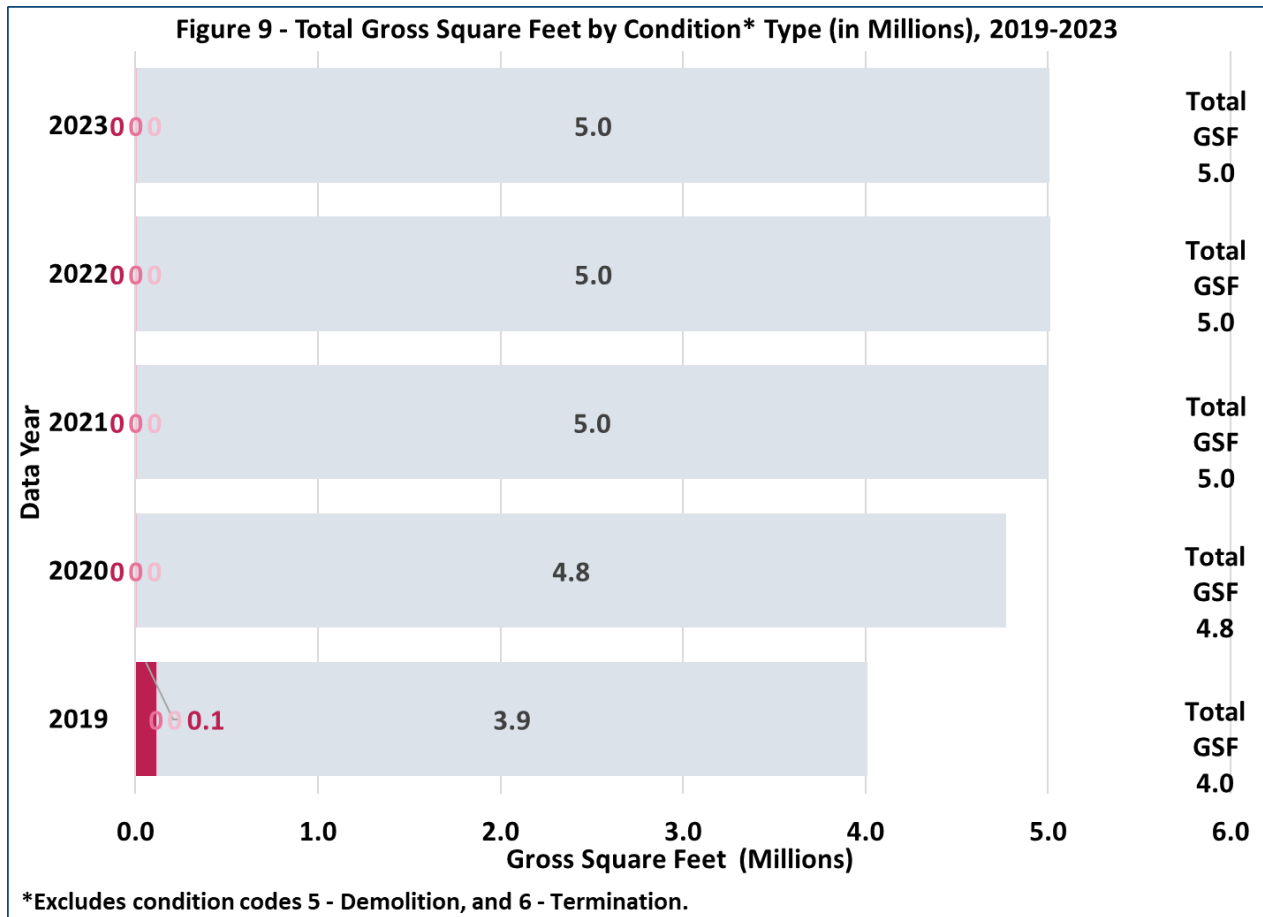
Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	558,003	19.07%	19.21%	-0.13%
Research	140,233	4.79%	4.86%	-0.07%
Public Service	36,702	1.25%	0.81%	0.44%
Student Service	1,666,307	56.96%	54.06%	2.90%
Other	524,080	17.92%	21.05%	-3.14%



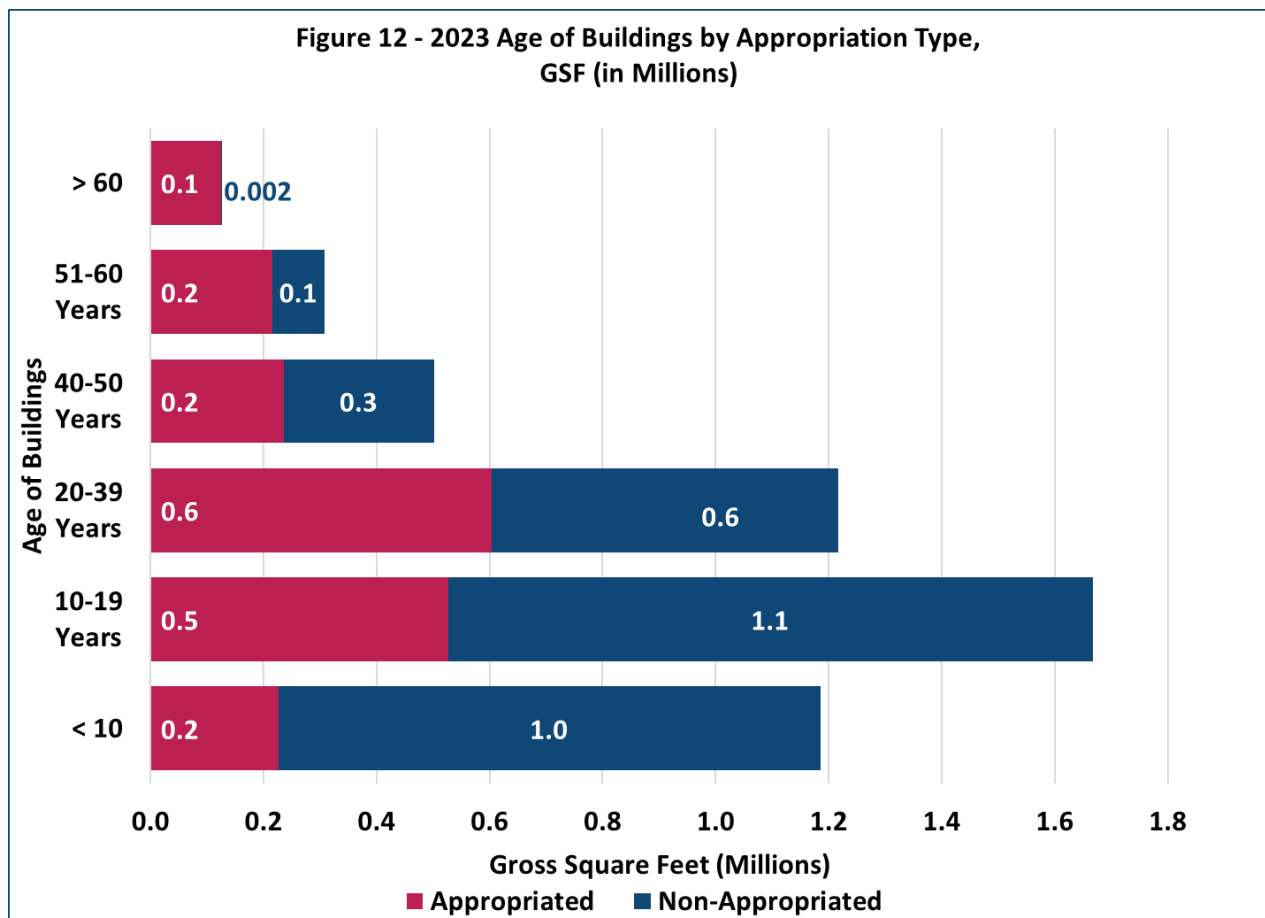
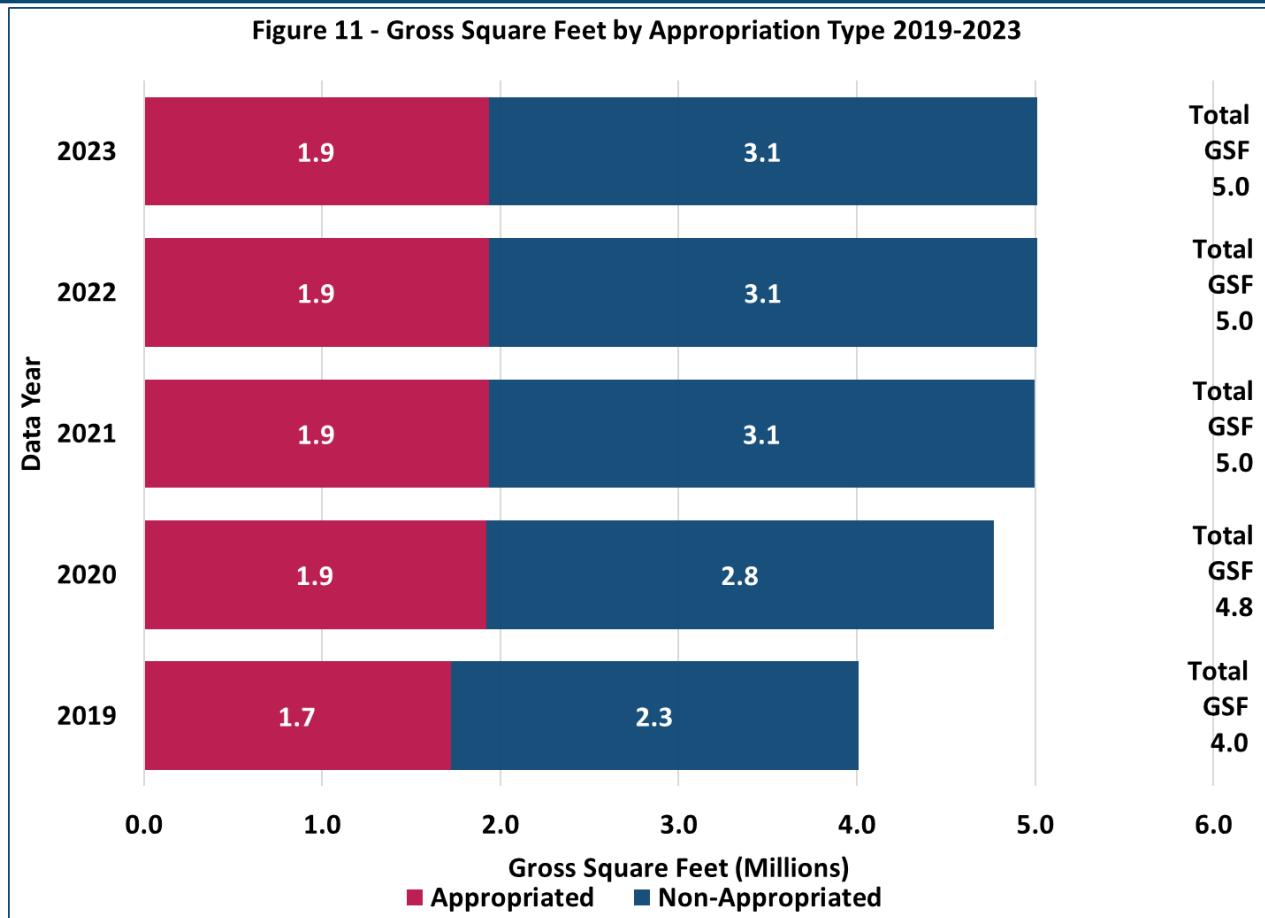
Building Characteristics

University North Carolina Wilmington has 5,008,935 gross square feet of space comprised of 167 buildings (42 residential, 125 non-residential; 71 appropriated, 96 non-appropriated; 130 owned, 6 leased, 31 under other agreement terms) with 2,925,325 square feet of assignable space, having increased by 15.5 percent within the last five years. Since 2022, gross square footage has decreased by -2,825 SF, or -0.1 percent.

UNC Wilmington Building Characteristics	
167 Total Buildings	
130 Owned	
71 Appropriated	6 Leased
96 Non-Appropriated	31 Other Agreement
167 Total	167 Total



University North Carolina Wilmington Summary



Western Carolina University Summary

As the UNC System's westernmost campus, WCU is located just 50 miles west of Asheville in Cullowhee, North Carolina. Originally established as "Cullowhee Academy" in 1889, the university moved to a four-year degree curriculum in 1929 and today is consistently ranked as one of the Top 10 public regional Institutions in the South. The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

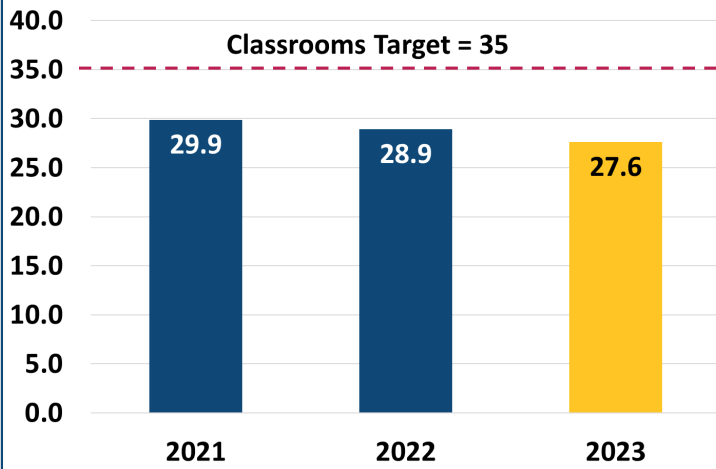


Figure 2 - Weekly Hours for Class Labs

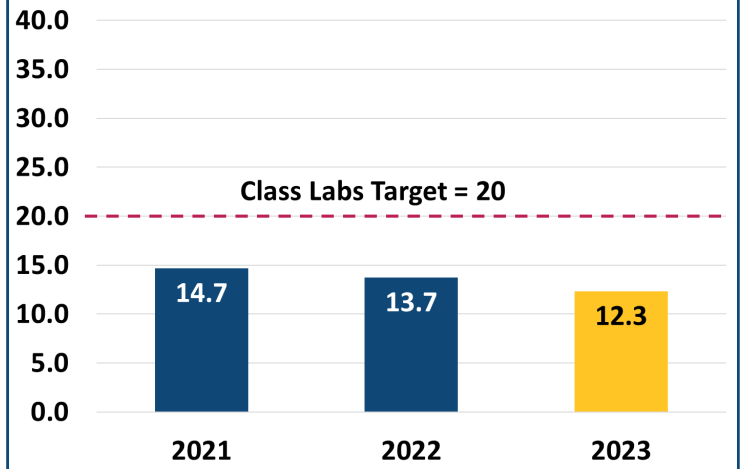


Figure 5 - Station Fill for Classrooms

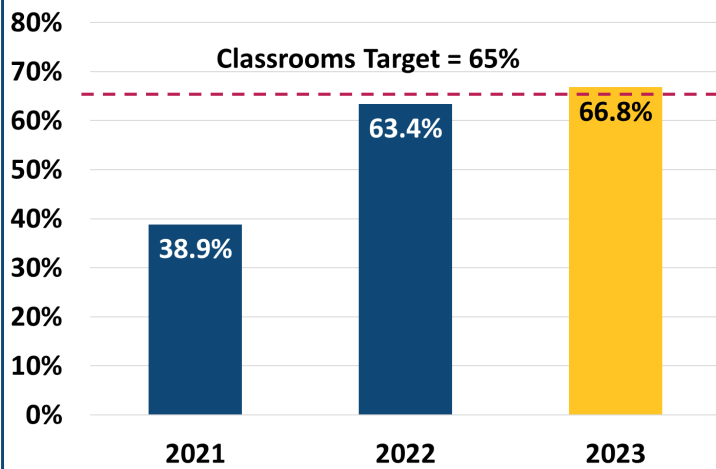
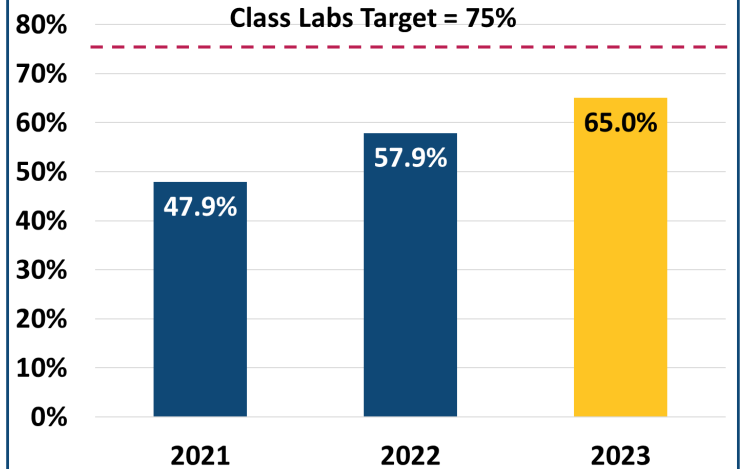


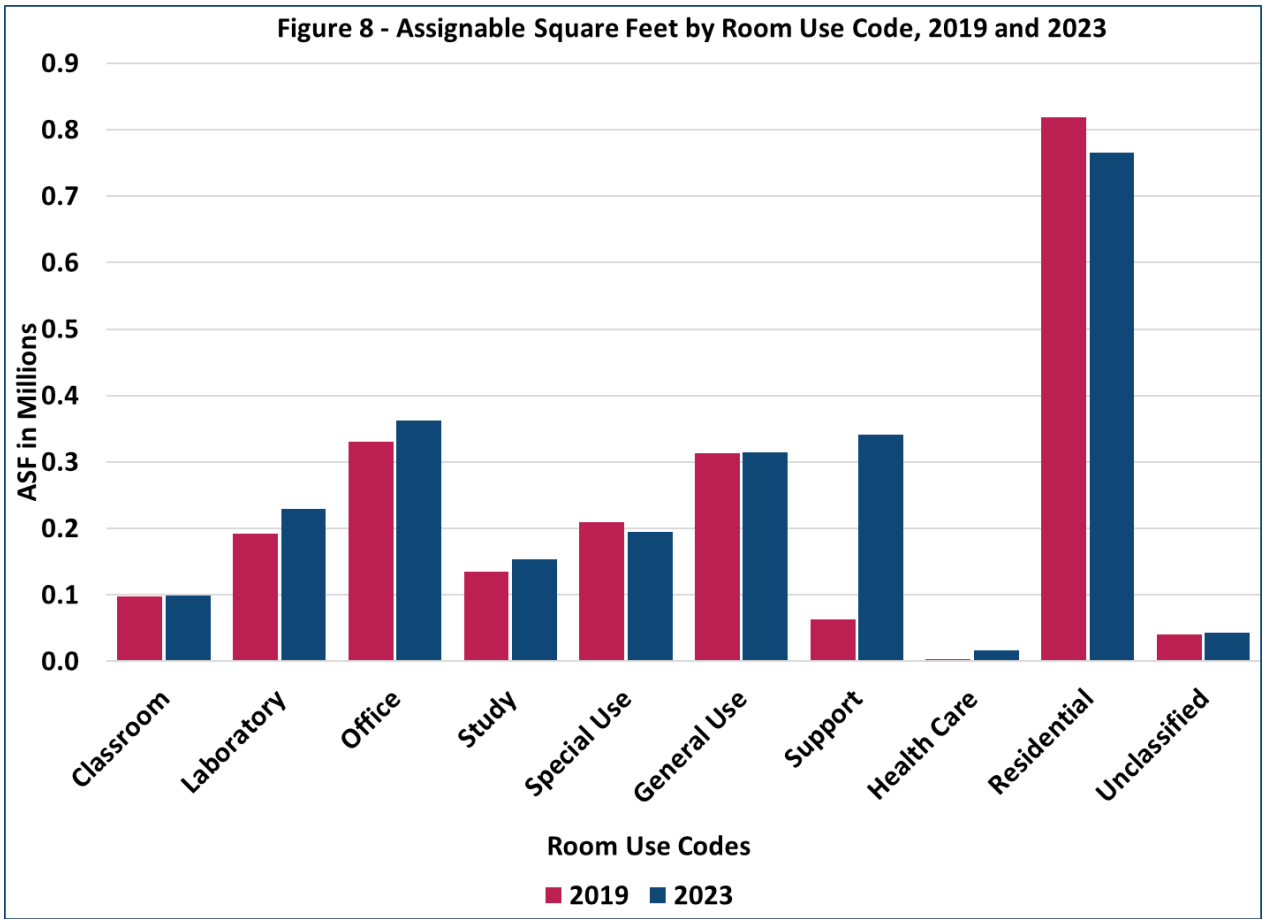
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at WCU increased from 2,121,858 to 2,519,574, or 15.8 percent from the previous

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	554,531	22.01%	21.69%	0.32%
Research	25,784	1.02%	1.34%	-0.32%
Public Service	8,283	0.33%	0.22%	0.11%
Student Service	1,116,019	44.29%	55.00%	-10.70%
Other	814,957	32.35%	21.76%	10.59%

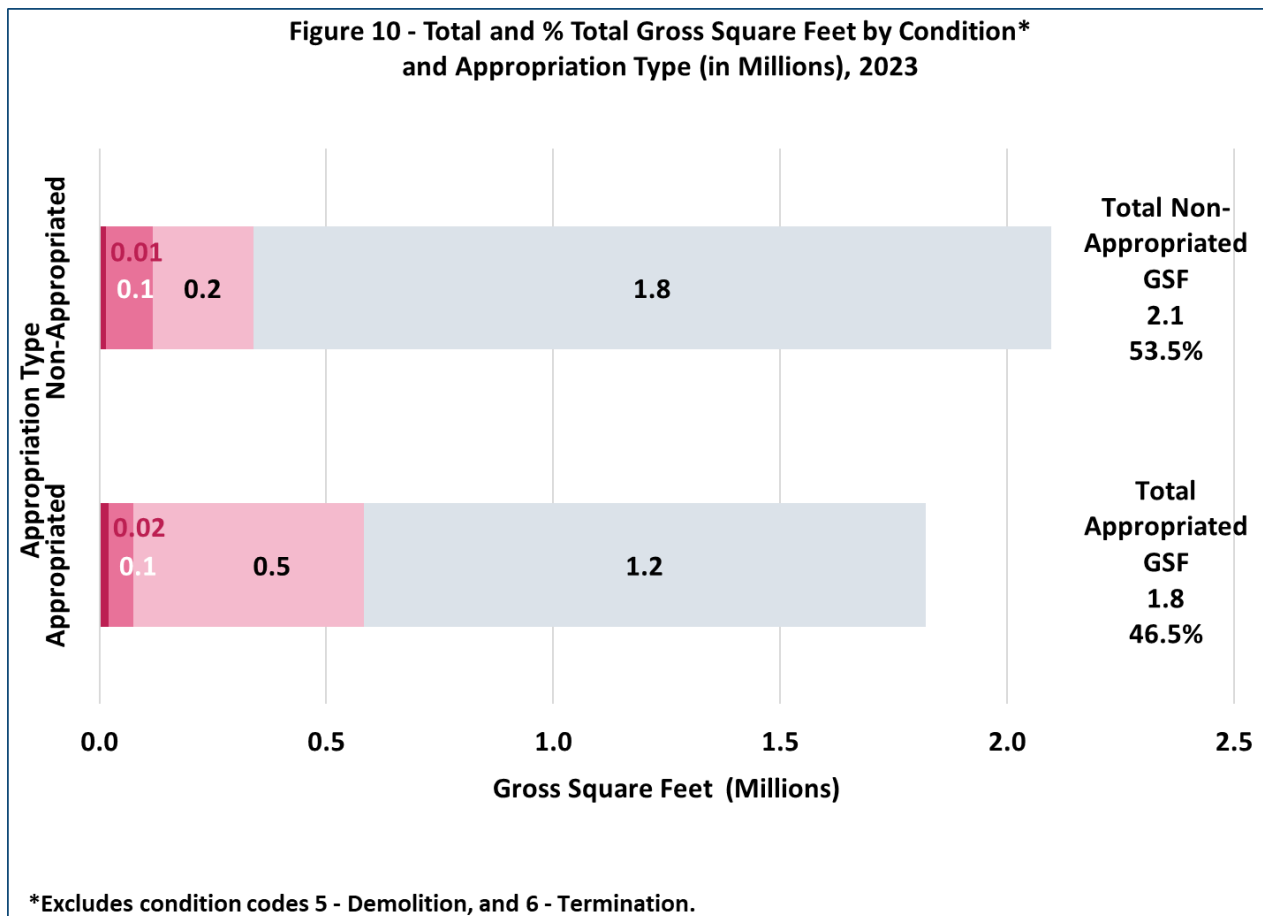
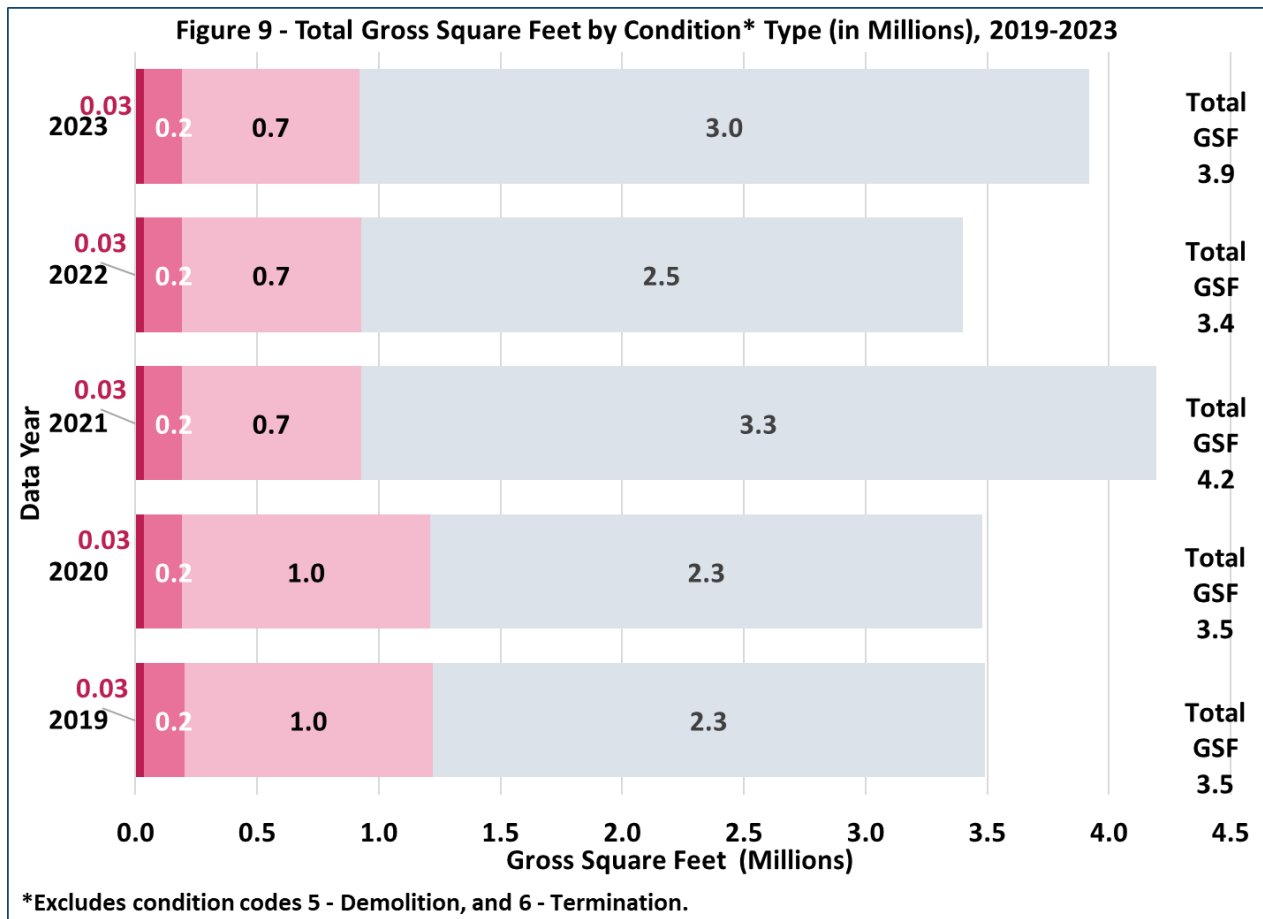


year.

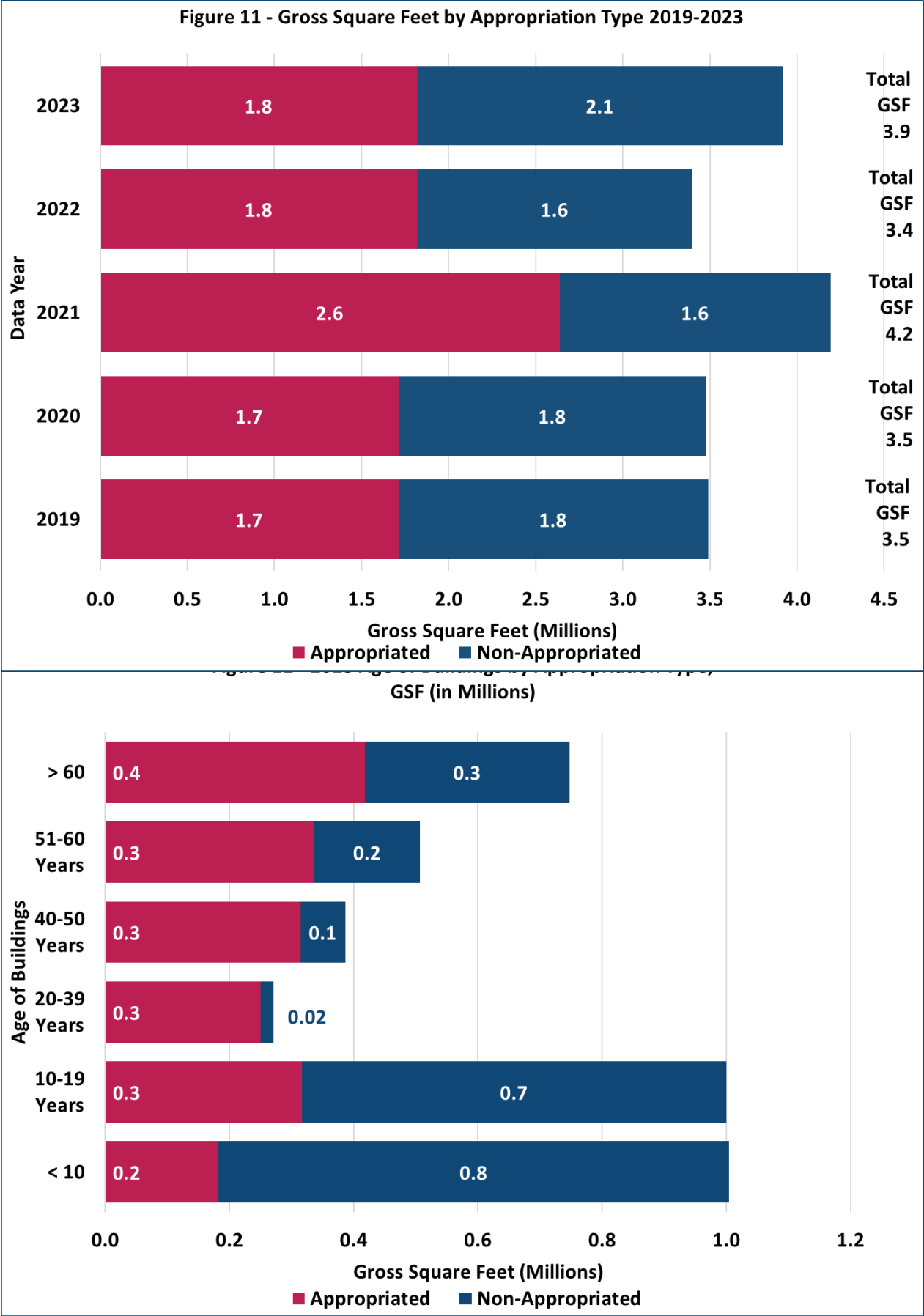
Building Characteristics

Western Carolina University has 3,917,722 gross square feet of space comprised of 109 buildings (35 residential, 74 non-residential; 55 appropriated, 54 non-appropriated; 81 owned, 4 leased, 24 under other agreement terms) with 2,519,574 square feet of assignable space, having increased by 14.3 percent within the last five years. Since 2022, gross square footage has increased 519,264 SF, or 15.3 percent.

Western Carolina University Building Characteristics	
109 Total Buildings	
55 Appropriated	81 Owned
54 Non-Appropriated	4 Leased
109 Total	24 Other Agreement
	109 Total



Western Carolina University Summary



Winston-Salem State University Summary

Founded in 1892, WSSU enjoys a distinguished reputation as a historically black constituent institution of the UNC System that offers a rich curriculum rooted in a high-quality, liberal education. The university fosters the creative thinking, analytical problem-solving, and depth of character that graduates need to transform themselves and their world, embodying WSSU's motto, "Enter to Learn. Depart to Serve." The figures below focus on the utilization of instructional space, room space characteristics and building characteristics at the university.

Utilization of Space

Figure 1 - Weekly Hours for Classrooms

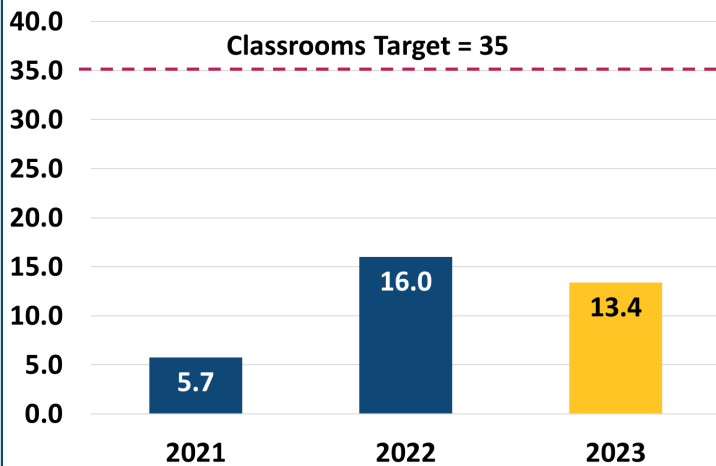


Figure 2 - Weekly Hours for Class Labs

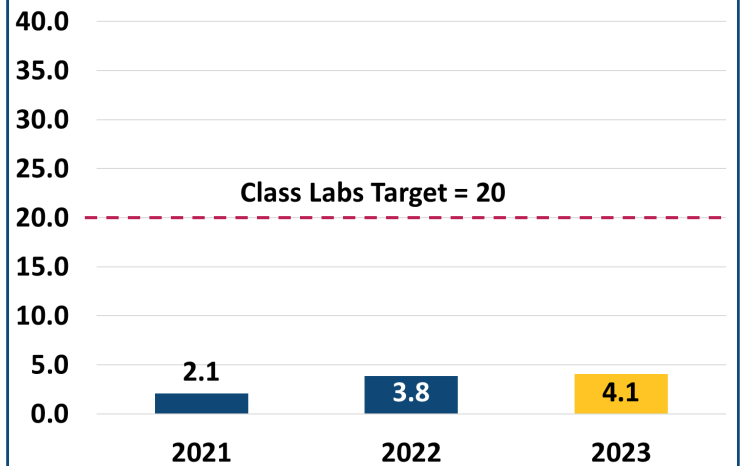


Figure 5 - Station Fill for Classrooms

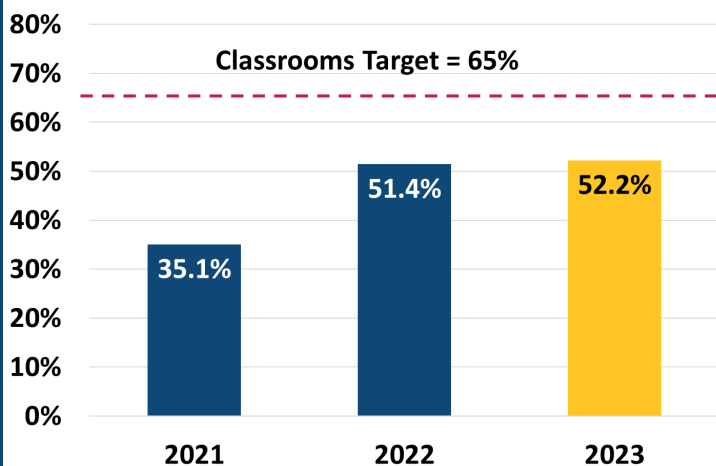
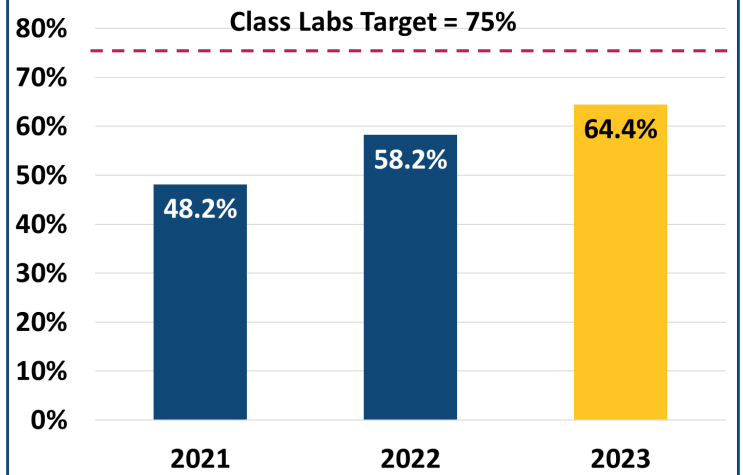


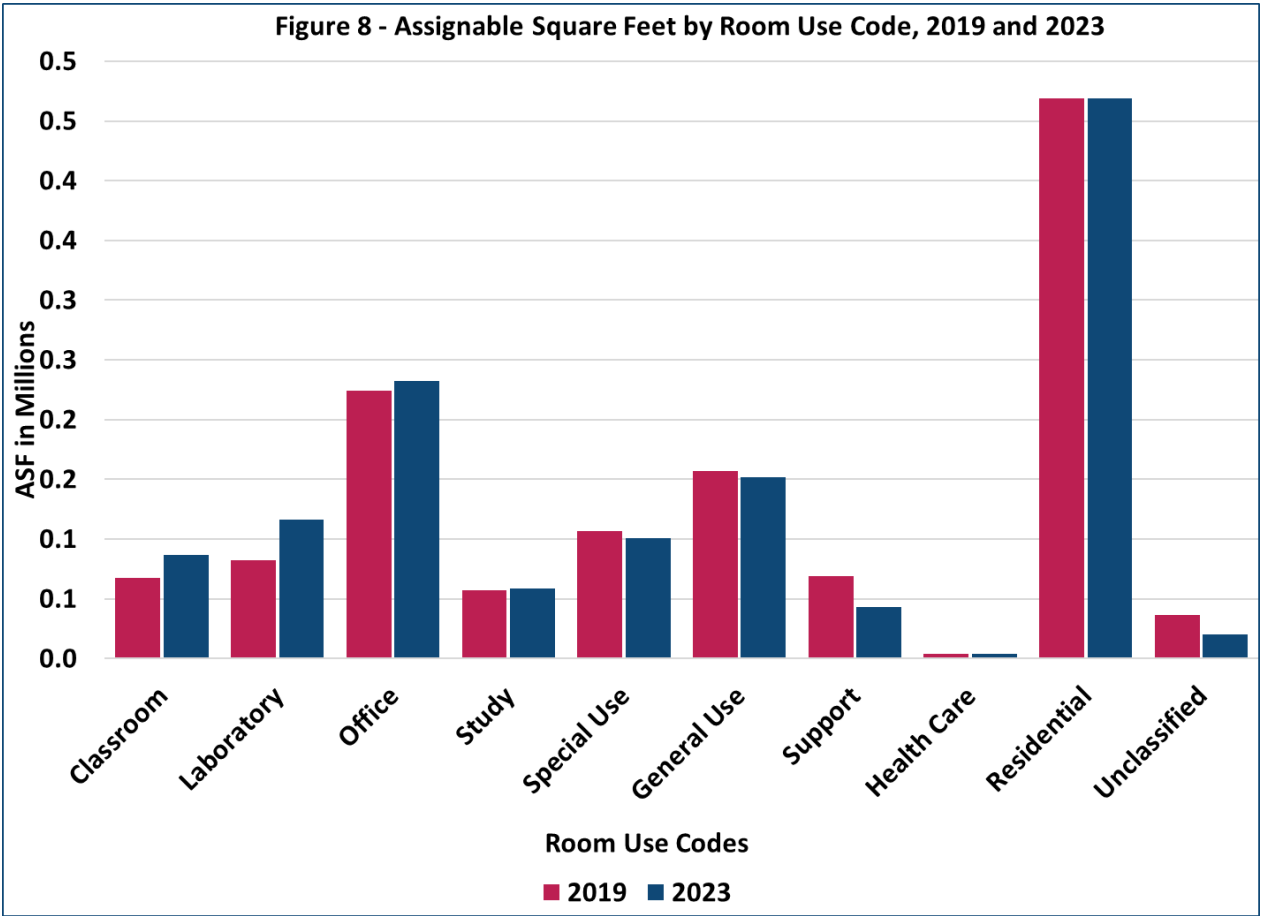
Figure 6 - Station Fill for Class Labs



Room Space Characteristics

In 2023, the assignable square feet at WSSU decreased from 1,284,309 to 1,283,686, or -0.05 percent from the previous

Assignable Space by Program				
Program	Total ASF	% of Total in 2023	% of Total in 2019	% Change
Instruction	309,040	24.07%	20.05%	4.02%
Research	27,814	2.17%	2.66%	-0.49%
Public Service	4,205	0.33%	0.33%	0.00%
Student Service	694,035	54.07%	54.95%	-0.88%
Other	248,592	19.37%	22.01%	-2.65%



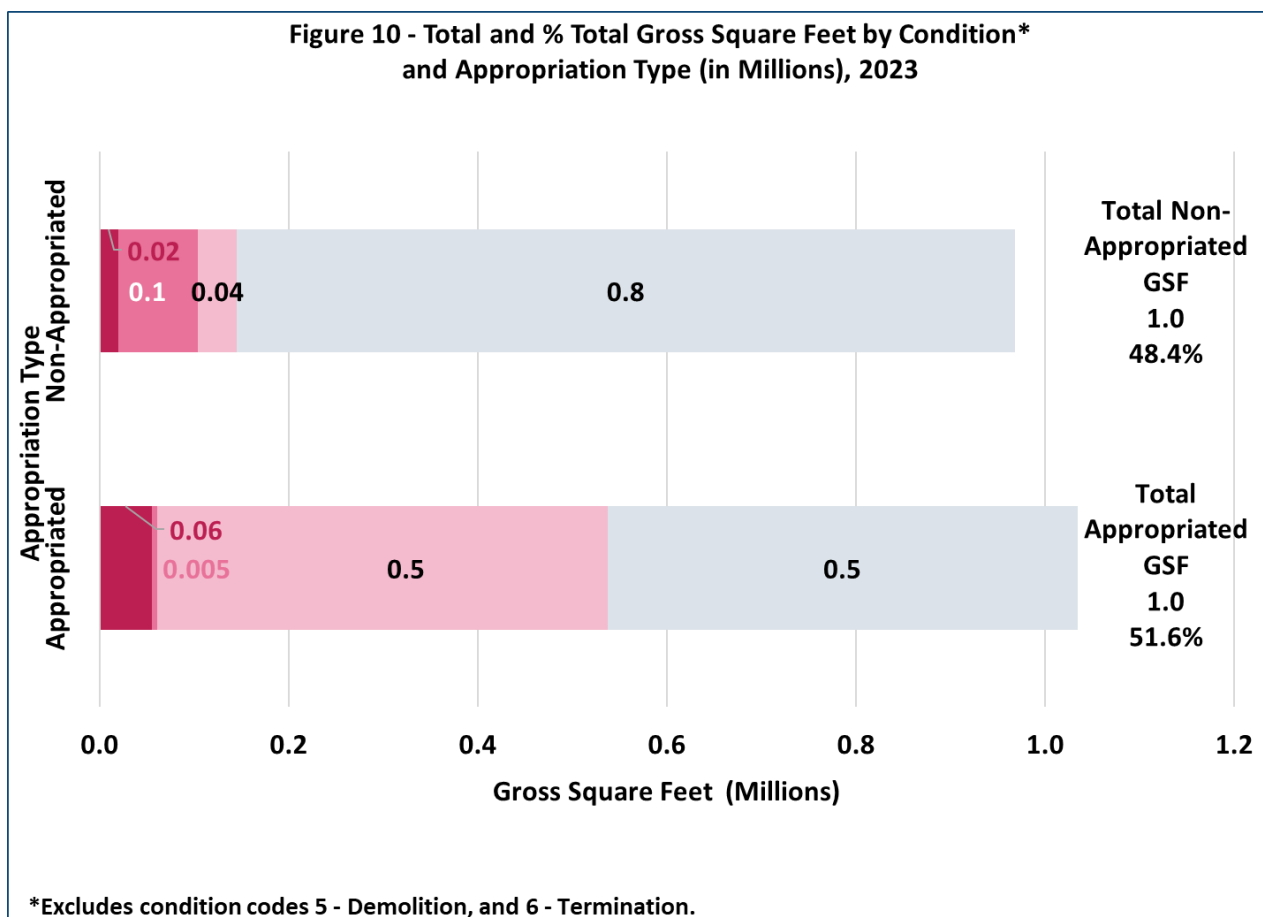
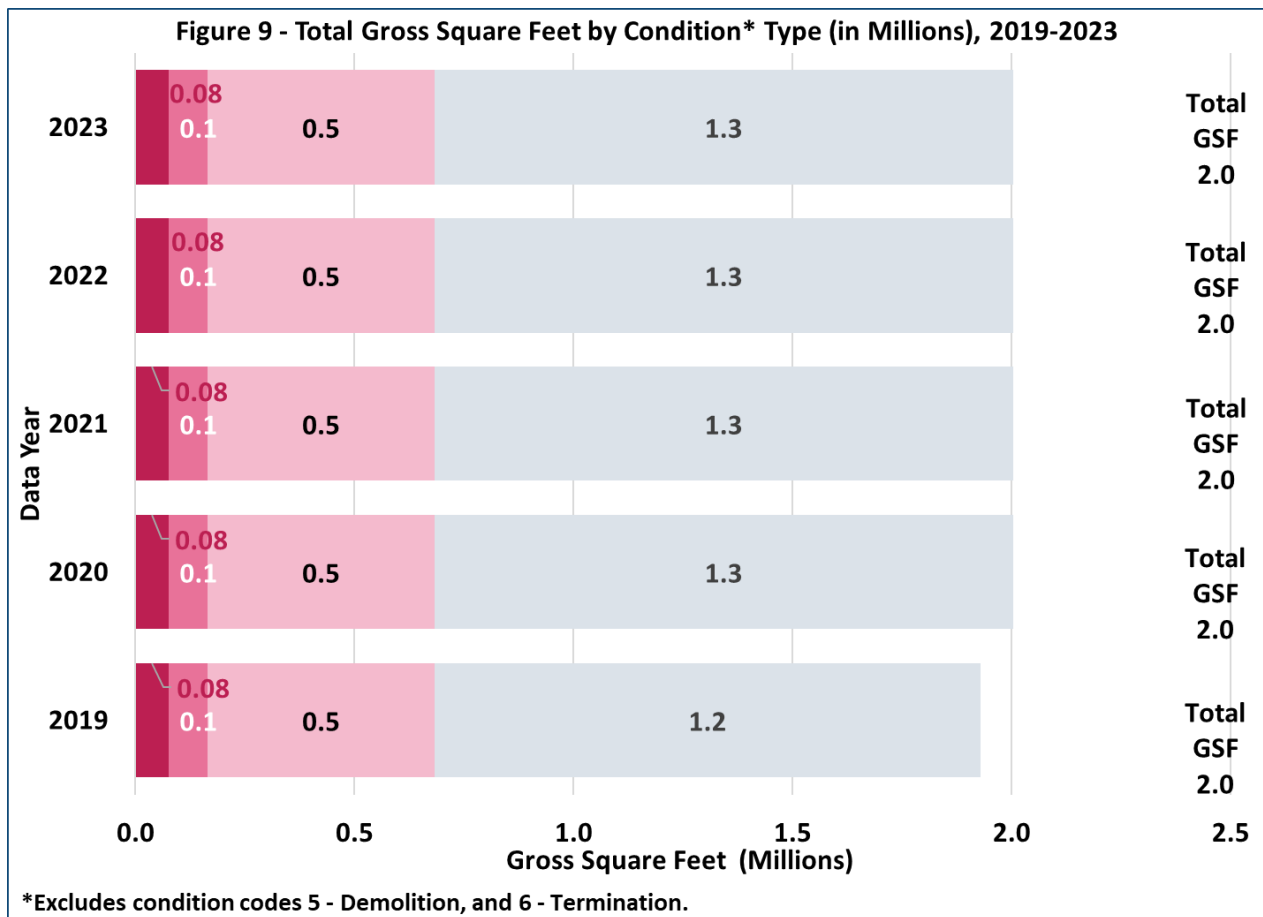
year.

Building Characteristics

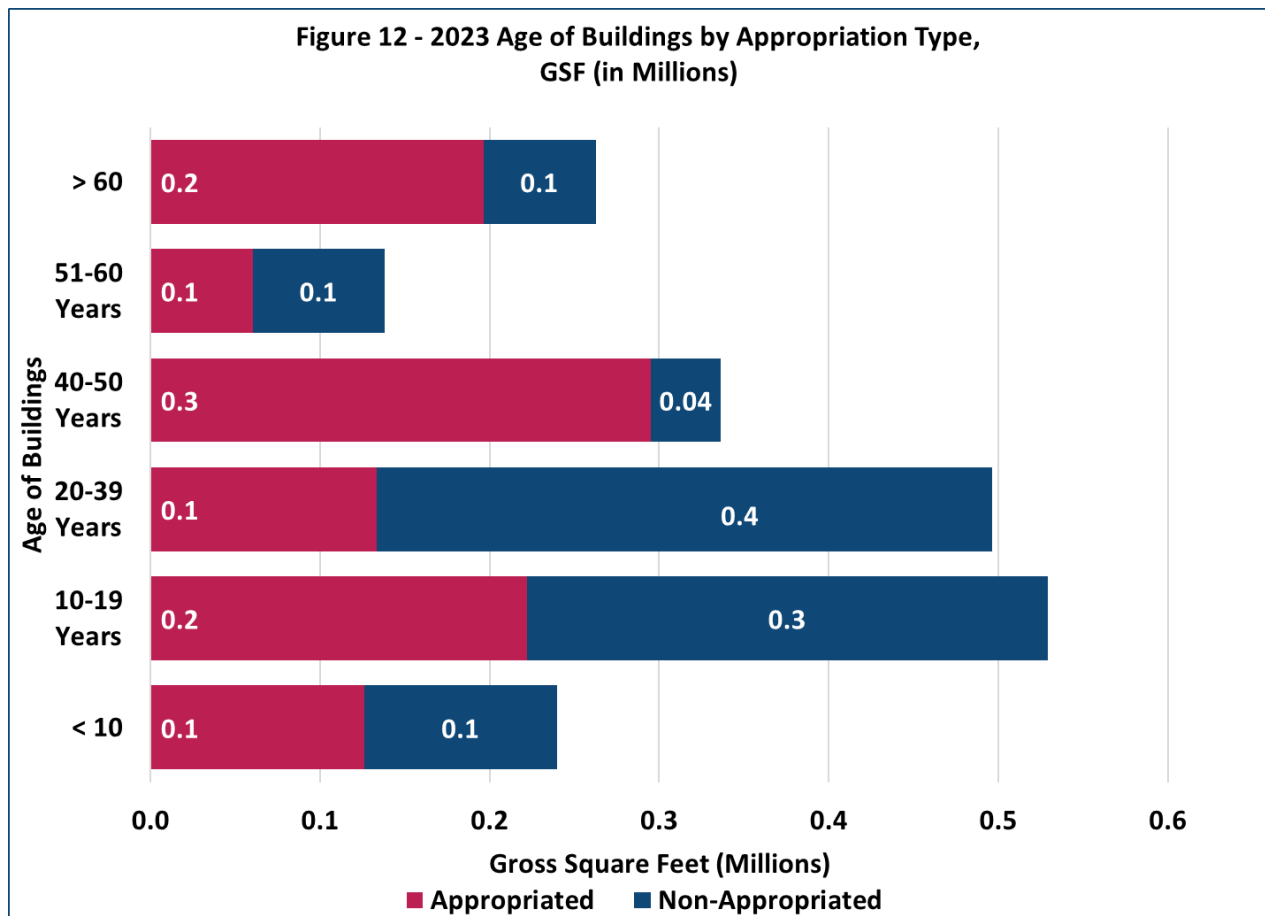
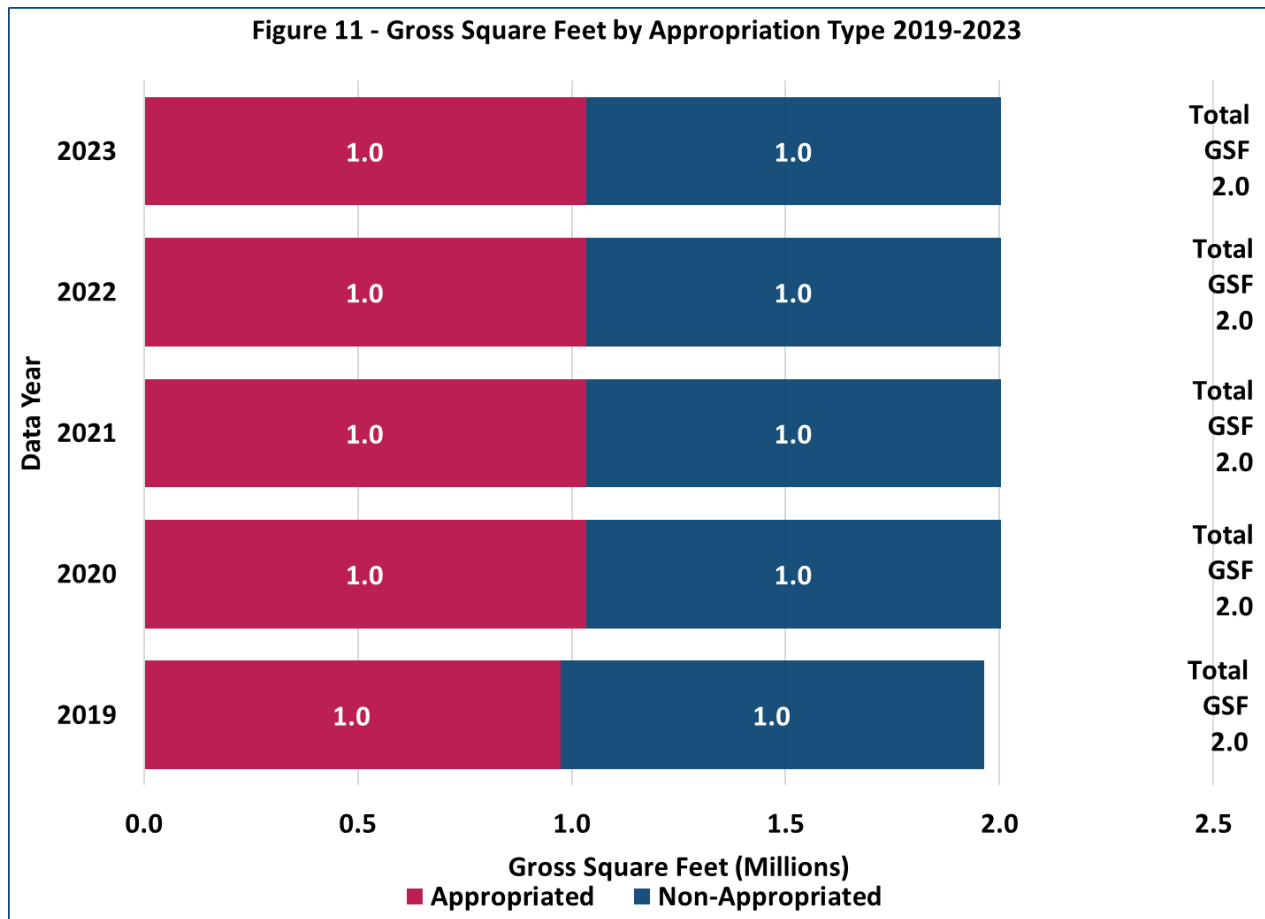
Winston-Salem State University has 2,003,023 gross square feet of space comprised of 50 buildings (15 residential, 35 non-residential; 25 appropriated, 25 non-appropriated; 30 owned, 7 leased, 13 under other agreement terms) with

Winston-Salem State University Building Characteristics	
50 Total Buildings	
25 Appropriated	30 Owned
25 Non-Appropriated	7 Leased
50 Total	13 Other Agreement
	50 Total

1,283,686 square feet of assignable space, having increased by 0.8 percent within the last five years. Since 2022, gross square footage has remained unchanged.



Winston-Salem State University Summary









Legend

The table below identifies the study source for the figures contained in the appendix:

Figure #	Figure Title	Study Source
Figure 1	Average Weekly Hours in Classrooms	Table 3
Figure 2	Average Weekly Hours in Class Labs	Table 4
Figure 5	Station Utilization in Classrooms	Table 7
Figure 6	Station Utilization in Class Labs	Table 7
Figure 8	Assignable Square Feet by Room Use Code, 2023	Table 15
Figure 9	Total Gross Square Feet by Condition Type (in Millions) 2019-2023)	Table 22
Figure 10	Total and Percent Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2023	Table 22 (GSF Only)
Figure 11	Gross Square Feet by Appropriation Type, 2019-2023	Table 21
Figure 12	2023 Age of Buildings by Appropriation Type, GSF	Table 21 (GSF Only)

The chart below defines the condition codes used in figures 9 and 10:

 Condition Code 1 - Satisfactory - Suitable for continued use with normal maintenance	 Condition Code 4 - Remodeling C - More than 50% of the estimated replacement cost of the building
 Condition Code 2 - Remodeling A - Less than 25% of the estimated replacement cost of the building	 Condition Code 5 - Demolition - Identified for demolition, typically because they are unsafe or unsound
 Condition Code 3 - Remodeling B - Between 25% and 50% of the estimated replacement cost of the building	 Condition Code 6 - Termination - No longer in use for reasons other than condition