



MEETING OF THE BOARD OF GOVERNORS
Committee on Budget and Finance

October 19, 2022 at 9:30 a.m.
Via Videoconference and PBS North Carolina Livestream
UNC System Office
140 Friday Center Drive, Board Room
Chapel Hill, North Carolina

AGENDA

- A-1. Approval of the Minutes of September 21, 2022 Mr. Holmes, Jr.
- A-2. Report from the Task Force on Pricing, Flexibility, and Affordability.....Mrs. Murphy
- A-3. Approval of Performance Weighting Component of the Funding Model Ms. Haygood
- A-4. 2022-23 NC Promise Tuition Plan Annual Report..... Ms. Haygood
- A-5. Report on FY 2020 Facilities Inventory and Utilization Study..... Ms. Haygood
- A-6. Proposed Amendments to the UNC Policy Manual..... Ms. Haygood
 - a. Section 200.6, *Policy on Delegation of Authority to the President*
 - b. Section 600.1.1, *Policy on Design, Construction*
 - c. *Financing of Capital Improvement Projects*, and Chapter 100.1 – *The Code*, Appendix 1, *Delegations of Duty and Authority to Boards of Trustees*
- A-7. Capital Improvement Projects Ms. Lynn
- A-8. Disposition of Property by Deed – North Carolina State University..... Ms. Lynn
- A-9. Disposition of Property by Lease – North Carolina State University Ms. Lynn
- A-10. Adjourn



MEETING OF THE BOARD OF GOVERNORS
Committee on Budget and Finance

DRAFT MINUTES

September 21, 2022
Via Videoconference and PBS North Carolina Livestream
UNC System Office
140 Friday Center Drive, Board Room
Chapel Hill, North Carolina

This meeting of the Committee on Budget and Finance was presided over by Chair James L. Holmes Jr. The following committee members, constituting a quorum, were also present in person, by video, or phone: Jimmy D. Clark, Reginald R. Holley, Terry Hutchens, and Lee H. Roberts.

Chancellors participating were Sheri Everts, Robin Cummings, and Randy Woodson.

Guest presenters included Mark Little, Alyse Polly, and Elizabeth Basnight from CREATE/NCGrowth.

Staff members present included Jennifer Haygood, Katherine Lynn, and others from the UNC System Office.

1. Call to Order and Approval of the Open Session Minutes (Item A-1)

- a. Joint Meeting with Military and Public Affairs
- b. Regular Meeting

The chair called the meeting to order at 11 a.m. on Wednesday, September 21, 2022, and called for a motion to approve the minutes from the joint and regular meetings of July 20, 2022.

MOTION: Resolved, that the Committee on Budget and Finance approve the joint and regular meeting minutes of July 20, 2022 as distributed.

Motion: Lee H. Roberts

Motion carried

2. Proposed Performance Weighting Component of the Funding Model (Item A-2)

Chief Financial Officer Jennifer Haygood provided updates on the Proposed Performance Weighting Component of the Funding Model previously approved by the committee. The University of North Carolina System uses a formula based on completed student credit hours to request and allocate enrollment funding to institutions on an annual basis. The new formula includes a performance-based component that needs to be finalized prior to the 2023 legislative session. Previous committee approval for the funding model specified that in the 2023-24 fiscal year the performance-based component be aligned to the strategic goals of the UNC System and the State of North Carolina.

Ms. Haygood updated the committee that her team has reviewed individual campus feedback and that next steps include the Board of Governors of the University of North Carolina System's approval of the performance weighting methodology, developing a preliminary calculation based on performance data and preliminary student credit hour data. The final 2023 long session enrollment funding request will be finalized in January after fall end-of-term enrollment data is available.

This item was for discussion only.

3. 2023-24 Tuition and Fees Instructions (Item A-3)

Ms. Haygood reviewed with the committee the annual process for establishing tuition and fees. The process begins with the senior vice president for finance and administration instructing institutions to submit requests for consideration by the Board. These instructions communicate the parameters that campuses must stay within when developing their requests.

Ms. Haygood asked President Hans to offer his comments on tuition and fee guidance. President Hans discussed the burdens associated with the cost of college and the shared goal of maintaining stable tuition rates for in-state residents. He recommended that the Board extend the six-year tuition freeze while providing opportunities for limited fee increases.

| Tuition | Increase May Be Proposed |
|--|--|
| Undergraduate Resident | No |
| Undergraduate Nonresident | Yes |
| Graduate Resident | Yes |
| Graduate Nonresident | Yes |
| | |
| Fees | Increase May Be Proposed |
| Mandatory Fees (including debt service) | Increases for inflationary cost increases will be considered, subject to 3% statutory cap. Any expansion of services must be supported either by: 1) Reprioritizing how existing fee revenues are used or 2) Offsetting a fee increase with a commensurate decrease to another fee. |
| Special Fees | Increases to existing special fees for inflationary cost increases will be considered. New special fees may only be proposed for graduate programs and newly approved undergraduate programs. New special fees for existing undergraduate programs will not be considered. |
| Application Fees | No |

Ms. Haygood then reviewed the 2023-24 tuition and fee guidance to be sent out to the constituent institutions. She outlined that fee requests would be reviewed by the committee in January of 2023 and voted on in February. This item was for information only.

4. Campus Security Fee (Item A-4)

Chair Holmes asked for a motion to move this committee item to the full Board for consideration the next day.

MOTION: Resolved, that the Committee on Budget and Finance postpone discussions regarding the Campus Security Fee until the following day for consideration by the full Board of Governors.

Motion: Jimmy D. Clark

Motion carried

5. HUB Procurement AICER Partnership (Item A-5)

Ms. Haygood provided background information regarding North Carolina's policy promoting the use of Historically Underutilized Businesses (HUB) vendors in State purchasing of goods and services and the construction of State building projects. G.S. 143-128.2 establishes a 10 percent goal for HUB participation for State building projects, and the State is considering adopting a similar goal for the purchase of goods and services. Ms. Haygood reported that the UNC System Office is partnering with the Anchor Institutions Create Economic Resilience (AICER) – a program developed by CREATE, an affiliated center of UNC–Chapel Hill's Kenan Institute of Private Enterprise – to develop a detailed strategic plan for increasing utilization of North Carolina-based HUB firms.

Mr. Mark Little and Ms. Alyse Polly from CREATE then presented on the history and work being done by the AICER program. Ms. Polly presented that CREATE will complete a Strategic Plan on increasing utilization of North Carolina-based HUB firms by late winter.

This item was for information only.

6. Expansion of Millennial Campus – The UNC System Office (Item A-6)

Ms. Haygood presented on the UNC System Office request for the expansion of the millennial campus to include the properties in Research Triangle Park, consisting of approximately 111 acres, located at 10 T.W. Alexander Road, Durham, North Carolina. The millennial campus designation currently includes Gateway Research Park–North Campus in Brown Summit, NC; Gateway Research Park–South Campus in Greensboro, NC; and the Spangler Complex in Chapel Hill, NC. The expansion of the millennial campus designation to include the additional acreage would facilitate opportunities for the productive and efficient use of the property for University.

MOTION: Resolved, that the Committee on Budget and Finance approve the Expansion of the UNC System Office Millennial Campus and recommend it to the full Board of Governors of the UNC System for a vote through the consent agenda.

Motion: Lee H. Roberts

Motion carried

7. Additional FY23 State Construction Infrastructure Fund (SCIF) R&R Allocations (Item A-7)

Vice President for Finance and Capital Planning Katherine Lynn requested approval for an additional allocation of FY2022-23 SCIF R&R funds to fund specific named R&R projects at each institution. The Board previously approved an initial allocation of FY2022-23 State Capital and Infrastructure Fund (SCIF) R&R funds in the amount of \$69,433,596 for specified capital projects. S.L. 2021-180 provides for an appropriation of \$250 million of R&R funds for each year of the biennium. It was recommended that an additional \$63.15 million of the 2022-23 SCIF R&R funds be allocated as follows:

- \$60 million for maintenance repairs and renovations projects distributed in accordance with the approved R&R allocation model
- \$3.15 million to fund the construction of specified projects

Ms. Lynn further recommended that the Board authorize the reallocation of FY2021-22 SCIF funds and any future SCIF allocations for the following projects to support a change in campus priorities:

- Elizabeth City State University requested the reallocation of \$2.5 million from the Butler Residence Hall Renovation to the New Dining Hall.
- University of North Carolina at Chapel Hill requested the reallocation of \$5.8 million from the Swain Hall Renovation to the Wilson Library Renovation.

Motion: Resolved, that the Committee on Budget and Finance, through delegated authority, approve the additional allocation of 2022-23 SCIF R&R funds in the amount of \$63,150,000 and the reallocation of SCIF R&R for the two specified projects.

Motion: Reginald R. Holley

Motion carried

8. Capital Improvement Projects – East Carolina University, Fayetteville State University, University of North Carolina at Charlotte, The University of North Carolina at Greensboro, and The University of North Carolina at Pembroke (Item A-8)

Ms. Lynn reported that the University of North Carolina at Charlotte had requested a new authorization for one capital improvement project, and East Carolina University, Fayetteville State University, The University of North Carolina at Greensboro, and The University of North Carolina at Pembroke had requested increased authorization for four capital improvement projects. Ms. Lynn recommended the Board approve the projects and the method of funding. She further asked the Board that these projects be authorized and reported to the North Carolina Office of State Budget and Management as non-appropriated projects that do not require any additional debt or burden on state appropriations.

Motion: Resolved, that the Committee on Budget and Finance approve the Capital Improvement Projects at East Carolina University, Fayetteville State University, University of North Carolina at Charlotte, The University of North Carolina at Greensboro, and The University of North Carolina at Pembroke and recommend them to the full Board for a vote through the consent agenda.

Motion: Reginald R. Holley

Motion carried

9. Disposition of Property by Demolition – Elizabeth City State University (Item A-9)

Ms. Lynn reported that the Elizabeth City State University Board of Trustees had requested authorization to dispose of property by demolition of four existing structures: two residence halls, one academic building, and one storage facility. The four structures were no longer in use and were a campus safety concern due to their condition. The two residential structures were Mitchell-Lewis Hall and Wamack Hall, which were constructed in 1969 and have been vacant for the past 10 years. The academic building, Lester Hall, was constructed in 1952 and has not been used for the past two years due to environmental issues. The storage facility was constructed in 1983 and is no longer needed. The total square footage to be demolished is approximately 89,300 gross square feet and the total estimated insurance value is \$15,335,981. The Elizabeth City State University Board of Trustees approved the demolition of the four buildings on September 2, 2022.

Ms. Lynn recommended that the Board approve the demolition requests from the Elizabeth City State University Board of Trustees.

Motion: Resolved, that the Committee on Budget and Finance approve the demolition request from Elizabeth City State University and recommend it to the full Board of Governors for a vote through the consent agenda.

Motion: Reginald R. Holley

Motion carried

10. Acquisition of Property by Deed – North Carolina A&T State University (Item A-10)

Ms. Lynn reported that the North Carolina Agricultural and Technical State University Board of Trustees had requested authorization for acquisition by deed property currently possessed by the North Carolina A&T Estate Foundation, Inc. The property is located at 899 East Lindsay Street, Greensboro, North Carolina and is currently zoned for industrial use. The property includes two industrial buildings of about 95,919 gross square feet and was appraised at \$3,240,000. The N.C. A&T Board of Trustees approved the use of institutional support funds to acquire the property at \$2,963,915 with plans to renovate the buildings for use by the band program and to support other university functions.

Motion: Resolved, that the Committee on Budget and Finance approve the Acquisition of Property by Deed at North Carolina A&T State University and recommend it to the full Board of Governors for a vote through the consent agenda.

Motion: Reginald R. Holley

Motion carried

11. Approval of the Selection of the Design-Build Firm – PBS North Carolina (Item A-11)

Ms. Lynn provided updates on the PBS North Carolina Tower Lighting, FAA Markers, and Tower Elevator Repair project that was previously approved by the Board of Governors during the May 25, 2022 meeting. The total project budget is \$2.2 million and will be funded from the State Construction and Infrastructure Fund. PBS NC advertised a Request for Qualifications (RFQ) on the UNC System's website and received responses from six

firms. After review of the submittals, three firms were interviewed and ranked in priority order. The selection committee included representatives from PBS NC and the UNC System Office. FDH Infrastructure Services, LLC was recommended as the selected firm based on their specialized expertise on this type of project, their past performance on similar projects, the capabilities of their staff, and their proximity to and familiarity with the project locations.

Ms. Lynn recommended that the Board approve the negotiation and award of the design-build contract to FDH Infrastructure Services, LLC.

Motion: Resolved, that the Committee on Budget and Finance approve the selection of to FDH Infrastructure Services, LLC for the design-build project and recommend it to the full Board of Governors for a vote through the consent agenda.

Motion: Reginald R. Holley

Motion carried

12. 2021-22 Annual Report of the Committee on Budget and Finance (Item A-12)

Ms. Haygood provided the 2021-22 Annual Report of the Committee on Budget and Finance. Under the UNC Policy Manual, at least annually, each standing committee should make a written report to the full Board of Governors reviewing the committee's work from the preceding year. Ms. Haygood updated the committee that the report was ready for submission and thanked the committee for their efforts this previous year. Chair Holmes echoed Ms. Haygood's gratitude and expressed his thanks to Ms. Haygood and her team.

Motion: Resolved, that the Committee on Budget and Finance accept the report for submission to the full Board of Governors.

Motion: Reginald R. Holley

Motion carried

13. Adjourn (A-13)

There being no further business and without objection, the meeting adjourned at 12:24 p.m.

Jimmy D. Clark, Secretary

AGENDA ITEM

A-2. Report from the Task Force on Pricing, Flexibility, and AffordabilityMrs. Murphy

| | |
|--------------------|--|
| Situation: | The committee will hear a report on the work of the Task Force on Pricing, Flexibility, and Affordability. |
| Background: | As the policymaking body for the University of North Carolina System, it is important that the Board periodically step back and examine whether the existing approach to tuition and fees aligns with the System's goals for affordability, efficiency, and student success. To this end, the Task Force on Pricing, Flexibility, and Affordability was appointed to undertake a strategic review of policies impacting affordability and identify whether there are reforms that could improve our ability to better serve the interests of our students, taxpayers, and universities. The context for the review will be the Board's commitments to reducing student debt, providing access to a quality university education, and on-time degree completion, as reflected in the UNC System's 2022-27 strategic plan. |
| Assessment: | The report will provide an update on the task force's September meeting, which focused on the issue of student health insurance. |
| Action: | This item is for information only. |

AGENDA ITEM

A-3. Approval of Performance Weighting Component of the Funding Model..... Ms. Haygood

Situation: The University of North Carolina System uses a formula based on completed student credit hours to request and allocate enrollment funding to institutions on an annual basis. The new formula, which was approved by the Board of Governors of the University of North Carolina System in April, included a performance-based component that needs to be finalized prior to the 2023 legislative session.

Background: Earlier this year, the committee discussed and approved a new enrollment funding model that aligns state appropriations with the goal of graduating more North Carolina undergraduates on time and with less debt. The revised enrollment change funding model provides a clearly defined state subsidy for the change in performance-weighted, resident student credit hours.

The adopted model stated that, in the 2023-24 fiscal year, performance weighting would be incorporated into the funding calculation, such that a portion of the generated funding request would be based on university outcomes related to strategic goals of the UNC System and the State of North Carolina.

Assessment: The proposed performance weighting directly ties goals related to increasing undergraduate student success, increasing affordability, and improving productivity to changes in state appropriation. A summary of the performance weights that would be applied to the 2023-24 funding request based on the proposed methodology are included for reference.

Action: This item requires a vote by the committee and a vote by the full Board of Governors.

UNC System Performance Weighting Component of the Funding Model

The University of North Carolina System strategic plan set ambitious goals for access, student success, and economic impact. The Board of Governors of the University of North Carolina System has also set goals for the president on metrics including on-time graduation and degree efficiency, student debt among bachelor's degree completers, and education and related expenses per degree.

In recognition that student enrollment has a greater positive impact on the state if students are graduating on-time and with less debt, the Board of Governors adopted a new enrollment funding model that weights credit hours based on the performance of the institution, such that a portion of the generated funding is based on university outcomes related to strategic goals of the UNC System and the State of North Carolina.

- It is proposed that, effective with the 2023-24 fiscal year, that all resident credit hours be weighted by a performance rate specific to the performance of the institution based on metrics as approved by the Board of Governors.
- To promote alignment and simplicity, it is proposed that the metrics be directly tied to existing goals set for the president by the Board or as part of the UNC System strategic plan, and effective with the 2024-25 fiscal year that at least one of the metrics shall be selected by the institution in accordance with the unique mission and goals of that institution.
- It is proposed that the performance goals be multi-year goals against which progress is measured over an established period to allow sufficient time for the institution to implement strategies to effect meaningful change.
- In recognition that each institution is starting at a different baseline and may have different challenges and resources to make improvements, the performance targets will be data-driven and unique to each institution.
- It is further proposed that on a periodic basis the Board of Governors should set a minimum and maximum performance range that would determine the amount of funding that can be earned or lost in a single year, and that the range effective for the 2023-24 fiscal year be +/- three percent.

2023-24 Proposed Performance Weighting Based on 2021 Performance Outcomes

| | Minimum Score | Maximim Score | Prior Year Score | Current Year Score | Performance Change |
|----------------|------------------|------------------|---------------------|-----------------------|-----------------------|
| ASU | 97% | 103% | 100% | 100.18% | 0.18% |
| ECU | 97% | 103% | 100% | 101.03% | 1.03% |
| ECSU | 97% | 103% | 100% | 102.75% | 2.75% |
| FSU | 97% | 103% | 100% | 100.46% | 0.46% |
| NCA&T | 97% | 103% | 100% | 101.77% | 1.77% |
| NCCU | 97% | 103% | 100% | 101.11% | 1.11% |
| NC State | 97% | 103% | 100% | 102.07% | 2.07% |
| UNCA | 97% | 103% | 100% | 100.18% | 0.18% |
| UNC-CH | 97% | 103% | 100% | 102.15% | 2.15% |
| UNCC | 97% | 103% | 100% | 102.11% | 2.11% |
| UNCG | 97% | 103% | 100% | 101.44% | 1.44% |
| UNCP | 97% | 103% | 100% | 102.46% | 2.46% |
| UNCW | 97% | 103% | 100% | 101.43% | 1.43% |
| UNCSA | 97% | 103% | 100% | 100.96% | 0.96% |
| WCU | 97% | 103% | 100% | 101.19% | 1.19% |
| WSSU | 97% | 103% | 100% | 100.32% | 0.32% |
| Average | 97% | 103% | 100% | 101.35% | 1.35% |

AGENDA ITEM

A-4. 2022-23 NC Promise Tuition Plan Annual Report Ms. Haygood

Situation: General Statute 116-143.11(d) requires the Board of Governors of the University of North Carolina System to report annually on the amount required to offset the foregone tuition receipts at each of the NC Promise institutions, how the funds were allocated to the institutions, the number of enrolled resident students at each institution, and the number of enrolled nonresident students at each institution.

Background: Session Law 2016-94 created the NC Promise Tuition Plan at Elizabeth City State University, The University of North Carolina at Pembroke, and Western Carolina University. The 2021 Appropriations Act also added Fayetteville State University to the NC Promise Program beginning in FY 2022-23. The plan set resident tuition at \$500 per semester and nonresident tuition at \$2,500 per semester beginning in the fall 2018 academic semester. The State promised to buy down the difference in tuition receipts created by the lower tuition compared to the established tuition rate at the three NC Promise schools. The General Assembly appropriated \$82.5 million to offset the lower tuition receipts for FY 2022-23.

Assessment: The NC Promise Tuition Plan Annual Report includes all the information required by G.S.116-143.11(d). To offset the decrease in tuition revenue, ECSU will receive \$7.8 million, FSU will receive \$12.5 million, UNCP will receive \$15.9 million, and WCU will receive \$35 million. The University of North Carolina System Office will make initial allocations to the institutions in the fall based upon fall census data and an average of fall-to-spring retention rates. Funds will be reallocated in the spring after the spring census to match actual enrollment.

Action: This item is for information only.



NC PROMISE TUITION PLAN FY 2022-23 ANNUAL REPORT

**Board of Governors
Committee on Budget and Finance**

October 19, 2022

Buy-down Rate Calculation

| | | Annual Rates | | | |
|-------------|-------------|-----------------------------|------------------------|--------------------------|----------------------|
| Institution | Residency | Previous Base Tuition | New Base Tuition | NC Promise Tuition | Buy- Down Rate |
| ECSU | Resident | \$ 2,856 | \$ 2,856 | \$1,000 | \$ 1,856 |
| | Nonresident | 16,400 | 16,523 | 5,000 | 11,523 |
| FSU | Resident | 2,982 | 2,982 | 1,000 | 1,982 |
| | Nonresident | 14,590 | 14,699 | 5,000 | 9,699 |
| UNCP | Resident | 3,602 | 3,602 | 1,000 | 2,602 |
| | Nonresident | 15,573 | 15,690 | 5,000 | 10,690 |
| WCU | Resident | 3,971 | 3,971 | 1,000 | 2,971 |
| | Nonresident | 14,723 | 14,833 | 5,000 | 9,833 |

FY 2022-23 Calculated Buy-down and Initial Allocation

| Institution | Residency | Fall FTE | Estimated Spring FTE | Buy-down Rate | Calculated Buy-down |
|-------------|--------------|---------------|----------------------|---------------|---------------------|
| ECSU | Resident | 1,369 | 1,263 | \$ 1,856 | \$ 2,442,577 |
| | Nonresident | 485 | 447 | 11,523 | 5,370,684 |
| | Total | 1,854 | 1,710 | | 7,813,262 |
| FSU | Resident | 4,484 | 4,168 | 1,982 | 8,574,189 |
| | Nonresident | 419 | 389 | 9,699 | 3,920,882 |
| | Total | 4,903 | 4,558 | | 12,495,071 |
| UNCP | Resident | 4,545 | 4,093 | 2,602 | 11,237,988 |
| | Nonresident | 458 | 412 | 10,690 | 4,647,889 |
| | Total | 5,003 | 4,505 | | 15,885,876 |
| WCU | Resident | 7,670 | 7,035 | 2,971 | 21,844,941 |
| | Nonresident | 1,398 | 1,282 | 9,833 | 13,176,106 |
| | Total | 9,068 | 8,318 | | 35,021,047 |
| Total | Resident | 18,067 | 16,561 | | 44,101,377 |
| | Nonresident | 2,759 | 2,531 | | 27,115,561 |
| | Total | 20,826 | 19,092 | | 71,215,256 |

QUESTIONS?



**NC Promise Tuition Plan
FY 2022-23 Annual Report
as required by G. S. 116-143.11(d)**

October 19, 2022

NC Promise Tuition Plan Annual Report 2022-23

Session Law 2016-94 created the NC Promise Tuition Plan, which sets tuition at \$500 per semester for residents and \$2,500 per semester for nonresidents at Elizabeth City State University, Fayetteville State University, The University of North Carolina at Pembroke, and Western Carolina University. The North Carolina General Assembly implemented a “buy down” of any financial obligations resulting from the loss of tuition receipts with a \$40 million appropriation in the first year (2018-19) and \$51 million in recurring funds for the 2019-20 academic year. The General Assembly appropriated an additional \$15 million in nonrecurring funds in 2020-21, which was then appropriated on a recurring basis in 2021-22 in the 2021 Appropriations Act, for a total of \$66 million. The 2021 Appropriations Act also added Fayetteville State University to the NC Promise Program beginning in 2022-23. There was an additional \$11.5 million appropriated on a recurring basis beginning in 2022-23 for the tuition buy down of FSU students and an additional \$5 million recurring in 2022-23 for enrollment growth at ECSU, UNCP, and WCU. The total appropriated for the program in 2022-23 is \$82.5 million recurring.

The \$82.5 million buy down that is appropriated to offset the reduced tuition will be allocated for the 2022-23 fiscal year by the University of North Carolina System Office to ECSU, FSU, UNCP, and WCU based upon the enrollment at each institution and the difference in the tuition rate charged by the campus and the NC Promise rate.

The NC Promise Program has generated significant enrollment increases at the four NC Promise institutions. UNCP and WCU enrolled their largest classes ever in the fall of 2018, and ECSU reversed a decreasing enrollment trend. Undergraduate fall 2022 full-time equivalent (FTE) enrollment increased at ECSU, decreased at UNCP and WCU, and FSU enrolled its largest class ever. Enrollment at all four NC Promise institutions remains above enrollments prior to the implementation of the NC Promise program.

The table below shows the buy down calculation for the four NC Promise institutions. To keep up with higher costs and for parity with other institutions, the base tuition rate for nonresidents attending NC Promise institutions increased by .75 percent in 2022-23. The increase is equal to the average increase in nonresident tuition at the other non-research institutions in the UNC System for the 2022-23 academic year. Increasing the base tuition will increase the buy down rate for the institutions but will not increase the tuition paid by students.

Table 1: Buy Down Rate Calculation

| | | Annual Rates | | | |
|-------------|-------------|-----------------------|------------------|--------------------|---------------|
| Institution | Residency | Previous Base Tuition | New Base Tuition | NC Promise Tuition | Buy Down Rate |
| ECSU | Resident | \$ 2,856 | \$ 2,856 | \$1,000 | \$ 1,856 |
| | Nonresident | 16,400 | 16,523 | 5,000 | 11,523 |
| FSU | Resident | 2,982 | 2,982 | 1,000 | 1,982 |
| | Nonresident | 14,590 | 14,699 | 5,000 | 9,699 |
| UNCP | Resident | 3,602 | 3,602 | 1,000 | 2,602 |
| | Nonresident | 15,573 | 15,690 | 5,000 | 10,690 |
| WCU | Resident | 3,971 | 3,971 | 1,000 | 2,971 |
| | Nonresident | 14,723 | 14,833 | 5,000 | 9,833 |

Now that enrollment has been verified at census, the initial 2022-23 allocation of the NC Promise funds will be distributed. Spring semester enrollment was estimated using a three-year average fall-to-spring retention at each institution. ECSU averaged 92.3 percent retention, FSU averaged 93 percent, UNCP averaged 90.1 percent retention, and WCU averaged 91.7 percent. The methodology was the same as required by G. S. 116-30.7 and previously used for the enrollment funding allocation.

Table 2: FY 2022-23 Calculated Buy Down and Initial Allocation

| Institution | Residency | Fall FTE | Estimated Spring FTE | Buy Down Rate | Calculated Buy Down |
|--------------------|------------------|-----------------|-----------------------------|----------------------|----------------------------|
| ECSU | Resident | 1,369 | 1,263 | \$ 1,856 | \$ 2,442,577 |
| | Nonresident | 485 | 447 | 11,523 | 5,370,684 |
| | Total | 1,854 | 1,710 | | 7,813,262 |
| FSU | Resident | 4,484 | 4,168 | 1,982 | 8,574,189 |
| | Nonresident | 419 | 389 | 9,699 | 3,920,882 |
| | Total | 4,903 | 4,558 | | 12,495,071 |
| UNCP | Resident | 4,545 | 4,093 | 2,602 | 11,237,988 |
| | Nonresident | 458 | 412 | 10,690 | 4,647,889 |
| | Total | 5,003 | 4,505 | | 15,885,876 |
| WCU | Resident | 7,670 | 7,035 | 2,971 | 21,844,941 |
| | Nonresident | 1,398 | 1,282 | 9,833 | 13,176,106 |
| | Total | 9,068 | 8,318 | | 35,021,047 |
| Total | Resident | 18,067 | 16,561 | | 44,099,695 |
| | Nonresident | 2,759 | 2,531 | | 27,115,561 |
| | Total | 20,826 | 19,092 | | 71,215,256 |

G.S. 116-143.11(d) requires the System Office to submit an NC Promise report by October 1 of each year; however, the spring census data is not available until late February. The final allocation of the NC Promise buy down does not occur until after the spring census. Changing the reporting date to April 1 would allow the UNC System Office to collect all the relevant data for the current academic year.

The NC Promise Program has been a success on multiple fronts. College affordability has increased, and ECSU, FSU, UNCP, and WCU have increased their enrollment.

AGENDA ITEM

A-5. Report on FY 2020 Facilities Inventory and Utilization Study Ms. Haygood

Situation: The University of North Carolina System Office prepares a systemwide annual facilities inventory and utilization study detailing the utilization of space, room characteristics, and building characteristics as a tool for space management and planning.

Background: Since 1967, the System Office has prepared an annual facilities inventory and utilization study for all public universities and community colleges. In 2019, the report was revised to only include the 16 public universities and to focus on space utilization and building condition. Space utilization is typically based on class hours of instruction and seat fill and is derived from the Fall 2020 scheduling data. However, the COVID-19 pandemic reduced the amount of face-to-face instruction provided, which greatly impacted the space utilization data. The 2020 report includes information on the campuses' physical assets, including the age and condition of buildings at each campus, and is based on data that is self-reported at each campus.

Assessment: No action is required.

Action: This item is for information only.



2020 FACILITIES INVENTORY AND UTILIZATION STUDY

*Board of Governors
Committee on Budget and Finance*

October 19, 2022

Background and Context

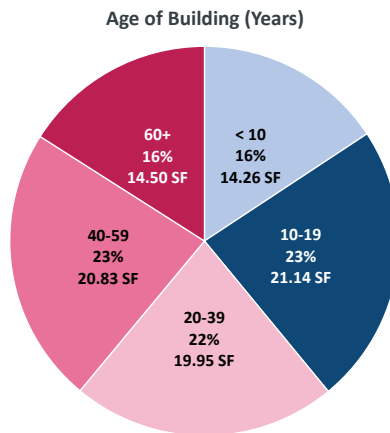
- The UNC System has **90.7 million gross square feet** of space and **3,004 buildings**.*
- What data is used in this study?
 - Annually updated information on facility and room characteristics, as reported by campuses
 - Time and location of fall term courses
- How is this information used?
 - Informs System-level decisions (i.e., R&R formula)
 - Supports campus-level space planning and management
 - Provides comparative data for other commissions

** Includes all 16 university institutions, excluding UNC Hospitals*

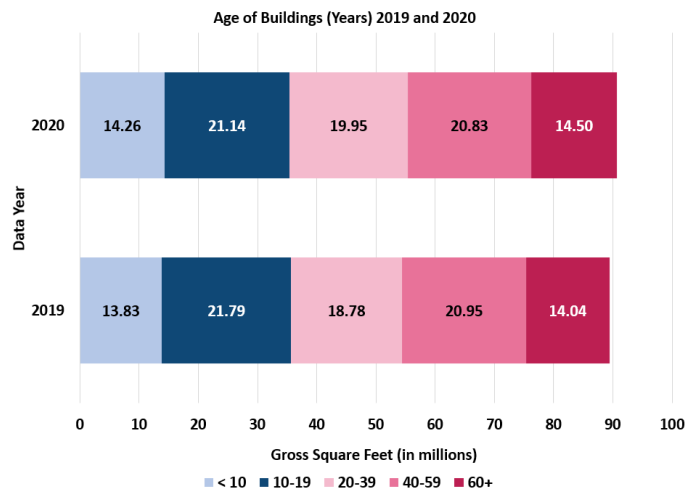
Building Characteristics

| Number of Buildings by Fund Type | |
|---------------------------------------|------------------|
| 1,969 | Appropriated |
| 1,035 | Non-Appropriated |
| 3,004 | Total |
| Gross Square Feet (GSF) - in millions | |
| 46.8 | Appropriated |
| 43.9 | Non-Appropriated |
| 90.7 | Total |

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.

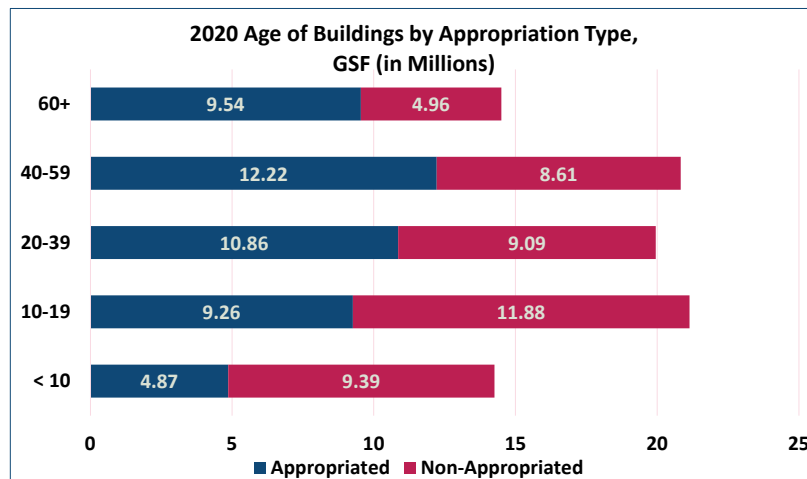


Building Characteristics



The largest increase was in the category of buildings 20 to 39 years old. This is the critical time period for capital reinvestments such as roof replacements, HVAC replacement and upgrades, and similar projects.

Building Characteristics



For buildings 20 years and older, more GSF is in appropriated buildings.

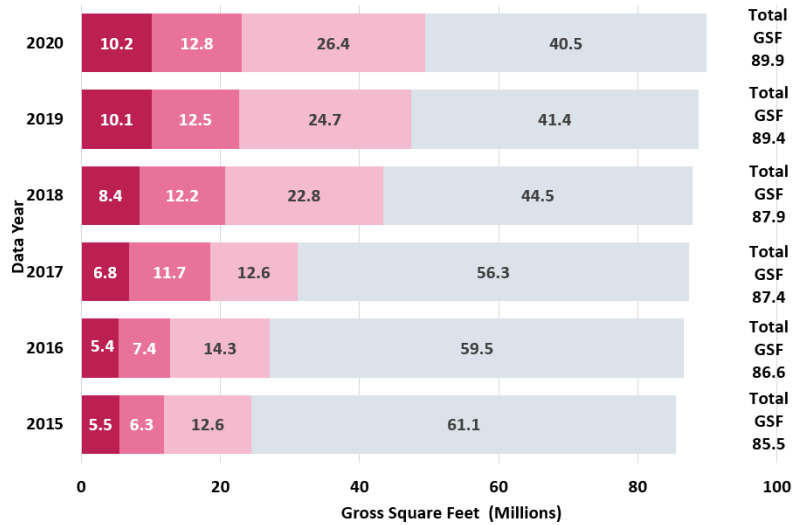
5

Building Condition Categories

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

Building Conditions Have Worsened Over Time

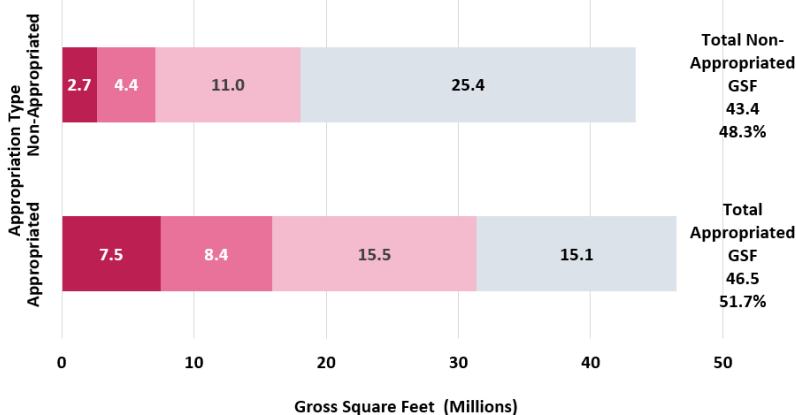
Total Gross Square Feet by Condition Type (in Millions), 2015-2020



7

2020 Building Condition by Fund Type

Total Gross Square Feet by Condition



Chronic deferred maintenance continues to be the primary challenge for all campuses, particularly among appropriated facilities.

8

QUESTIONS?

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**2020 FACILITIES INVENTORY
AND UTILIZATION STUDY**
for
The University of North Carolina System
Fifty-Fourth Edition



Fitts-Woolard Hall, North Carolina State University

September 2022

Fitts-Woolard Hall

North Carolina State University

(Cover Page)

Opened in the summer of 2020, Fitts-Woolard Hall provides critical infrastructure that allows engineering faculty members and students to leverage the power of convergence across disciplines in an atmosphere unmatched anywhere in the nation. NC State University currently produces more than 2,500 engineers and computer scientists each year, among the highest number of engineering degrees in the nation. In the past 10 years, engineering undergraduate enrollment has grown by 22 percent, and graduate enrollment has more than doubled. NC State's engineers continue to change the world through groundbreaking research that solves society's greatest challenges, and Fitts-Woolard Hall's proximity to industry and government facilities on Centennial Campus facilitates this.

The 230,000 square-foot building and associated infrastructure cost \$154 million to complete. The project was funded with state appropriations and private gifts from individuals and corporations who wished to support the broad and enriching experience the building offers to undergraduate and graduate students. The lead designer was Clark Nexsen, and the construction contractor was Skanska USA. The project is currently under review for Leadership in Energy and Environmental Design (LEED) Silver certification by the U.S. Green Building Council.

The state-of-the-art facility is centered on promoting interaction and collaboration between students, faculty, and individual engineering departments. Accommodating the Fitts Department of Industrial and Systems Engineering, the Department of Civil, Construction, and Environmental Engineering, and a portion of the College of Engineering Dean Administration, the new Fitts-Woolard Hall has proximity to six additional university engineering departments. The opportunity for convergence across disciplines fosters an environment of innovation which will be critical in the years to come.

Fitts-Woolard Hall's design is driven by a commitment to "engineering on display." Throughout the four-story facility, high degrees of transparency create a light-filled, vibrant education environment. This concept of "engineering on display" can be seen at the main entrance to the building. People entering the building can see civil and structural engineers testing theories, calculations, and materials in the structural testing lab. In the main lobby, there are steel-plated monumental stairs that connect all four floors. Beside the stairs is a feature wall designed to reflect the diverse engineering studies housed in the building. The theme of "engineering on display" continues throughout the rest of the building. The structural and mechanical aspects of the building have been left exposed as an additional instructional tool. The teaching and research spaces in the building include a large-scale driving simulator, testing labs for military equipment, and labs with scanners that assist in figuring out how to print human tissues.

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Participating Institutions

UNIVERSITY OF NORTH CAROLINA SYSTEM

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

Research Universities I

NC State University

UNC-Chapel Hill

Chancellor

Randy Woodson

Kevin M. Guskiewicz

Project Officer

Sally Rau, Facilities, Information Manager

Suzanne Canipe, Space Information Analyst

Doctoral Universities

East Carolina University

N.C. A & T State University

UNC Charlotte

UNC Greensboro

UNC Wilmington

Philip Rogers

Harold L. Martin, Sr.

Sharon L. Gaber

Franklin D. Gilliam, Jr.

Aswani Volety

Kim Higdon, Space Analyst

Muktha Jost, Vice Provost

Steve Coppola, Provost for Inst. Research

Judy Smith, Dir. Space Management

Tina Ann Strickland, Academic Space Manager

Master's (Comprehensive) Universities and Colleges I

Appalachian State University

Fayetteville State University

North Carolina Central University

UNC Pembroke

Western Carolina University

Winston-Salem State University

Sheri N. Everts

Darrell T. Allison

Johnson O. Akinleye

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Kelli R. Brown

Elwood L. Robinson

Arthur B. Rex, Space Mgmt. & Planning

Ashlynn Moore, Planning & Construction

Tim Williams, Design and Construction

H. Jay Blauser, Assistant Director

Paul Hammer, Research Specialist

Ronald E Vanard, Architect

Baccalaureate Colleges: Arts & Sciences Focus

UNC Asheville

Nancy J. Cable

Keith Krumpke, Senior Admin-Space Planner

Baccalaureate Colleges: Diverse Fields

Elizabeth City State University

Karrie Dixon

Fred Okanda, Dir. Inst. Research

Schools of Art, Music, and Design

UNC School of the Arts

Brian Cole

Jeff Paton, Dir. Inst. Research

Teaching Hospitals

UNC Hospitals at Chapel Hill

Executive Director

Gary L. Park

Project Officer

Laura McClamb, Asset Manager

Foreword

This study, the 54th 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 2020 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 UNC 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. 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.

In the wake of the COVID-19 outbreak, many institutions moved to online instruction. Figure 13 in the Executive Summary demonstrates this increase. In addition, institutions were asked to provide building and room information that reflected changes to accommodate social distancing needs—classes held in alternate locations [such as a gymnasium or cafeteria used as a classroom] could result in decreased utilization (increased stations available = lower utilization); the number of workspaces available in specialized laboratories may have been modified (fewer stations available = increased utilization). Therefore, the space utilization data for 2020 is to be considered an anomaly from previous collections.

The 2020 Facilities Inventory and Utilization Study is being published in its entirety, online, in a format that can be printed front and back. The 2020 study can be found at <https://www.northcarolina.edu/impact/stats-data-reports/facilities-utilization/>

Katherine Lynn

Vice President for Finance and Capital Planning

Table of Contents

Foreword vi

Table of Contents vii

List of Tables.....viii

Introduction..... ix

Executive Summary E1

I. Utilization of Instructional Space..... 1

II. Room Space Characteristics 35

III. Building Characteristics 67

Institutional Index..... 107

Bibliography..... 108

Index..... 109

Appendices 112

List of Tables

Utilization of Instructional Space

| | | | |
|---|----|--|----|
| 1. Capacity/Enrollment Ratio | 3 | 7. Percent Student Station Utilization, Classrooms and Class Laboratories | 15 |
| 2. Square Feet of Academic Facilities per FTE Student..... | 5 | 8. Student Clock Hours of Instruction..... | 17 |
| 3. Average Weekly Room Hours of Instruction in Classrooms | 7 | 9. Space Factors..... | 21 |
| 4. Average Weekly Room Hours of Instruction in Class Laboratories..... | 9 | 10. Range of Selected Space Utilization Indices | 25 |
| 5. Average Weekly Use of Student Stations in Classrooms..... | 11 | 11. Space Standards | 27 |
| 6. Average Weekly Use of Student Stations in Class Laboratories | 13 | 12. Enrollments | 31 |
| | | a. FTE Enrollments by Institution..... | 33 |

Room Space Characteristics

| | | | |
|--|----|--|----|
| 13. Net-To-Gross Ratio..... | 37 | 15. Assignable Area by Room Code | 57 |
| 14. Percentage Distribution of Assignable Area by Summary Programs | 39 | 16. Assignable Square Feet per Student Station for Classrooms..... | 63 |
| a. Instruction, Research & Public Service Subprograms | 43 | 17. Assignable Square Feet per Student Station for Class Laboratories | 65 |
| b. Academic Support Subprograms | 47 | | |
| c. Student Service and Physical Plant Operations Subprograms | 49 | | |
| d. Institutional Administration, Independent Operations and Unassigned Subprograms .. | 53 | | |

Building Characteristics

| | | | |
|---|----|---|-----|
| 18. Ownership of Buildings | 69 | 25. Accessible Area by Summary Programs and Subprograms | 91 |
| 19. Capital Investment, Non-Residential Buildings . | 73 | a. Instruction, Research & Public Service Subprograms | 94 |
| 20. Capital Investment, Residential Buildings | 75 | b. Academic Support Subprograms..... | 97 |
| 21. Age of Buildings Reported by Gross Square Feet | 77 | c. Student Service and Physical Plant Operations Subprograms..... | 99 |
| 22. Condition of Buildings | 81 | d. Institutional Administration, Independent Operations and Unassigned Subprograms | 101 |
| 23. Estimated Cost to Renovate or Replace Unsatisfactory Facilities..... | 85 | 26. Accessible Area by Room Code..... | 103 |
| 24. Accessible Area as a Percentage of Assignable | 89 | | |

Introduction

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators within the UNC 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 UNC System, as well as UNC Hospitals in Chapel Hill, a part of the System. The institutions are listed by Carnegie Classification in each table, and by type on page i along with the name of the chancellor and the project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, 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 NC State University's School 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 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 ECU and UNC-Chapel Hill, UNC Hospitals at Chapel Hill, or the NC State University School 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 School 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.

The 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 UNCSA. It should also be noted that the programs conducted at the UNCSA inherently require significantly more space per student than at other constituent institutions of the UNC 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.

The primary purpose of the annual Facilities Inventory and Utilization Study is to offer higher education administrators within the UNC 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 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 2020, the UNC System had approximately 90.7 million gross square feet of space and 3,004 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. Due to the COVID-19 pandemic, which affected the ability to deliver face-to-face instruction in fall 2020, the analysis of utilization of space is omitted.

Room Space Characteristics

The study includes information on the assignment and use of each room on every campus. Of the 90.7 million gross square feet in the UNC System, excluding UNC Hospitals, 49.5 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 2016 to 2020, the assignable space has increased by 1,766,533 SF or 3.7%.

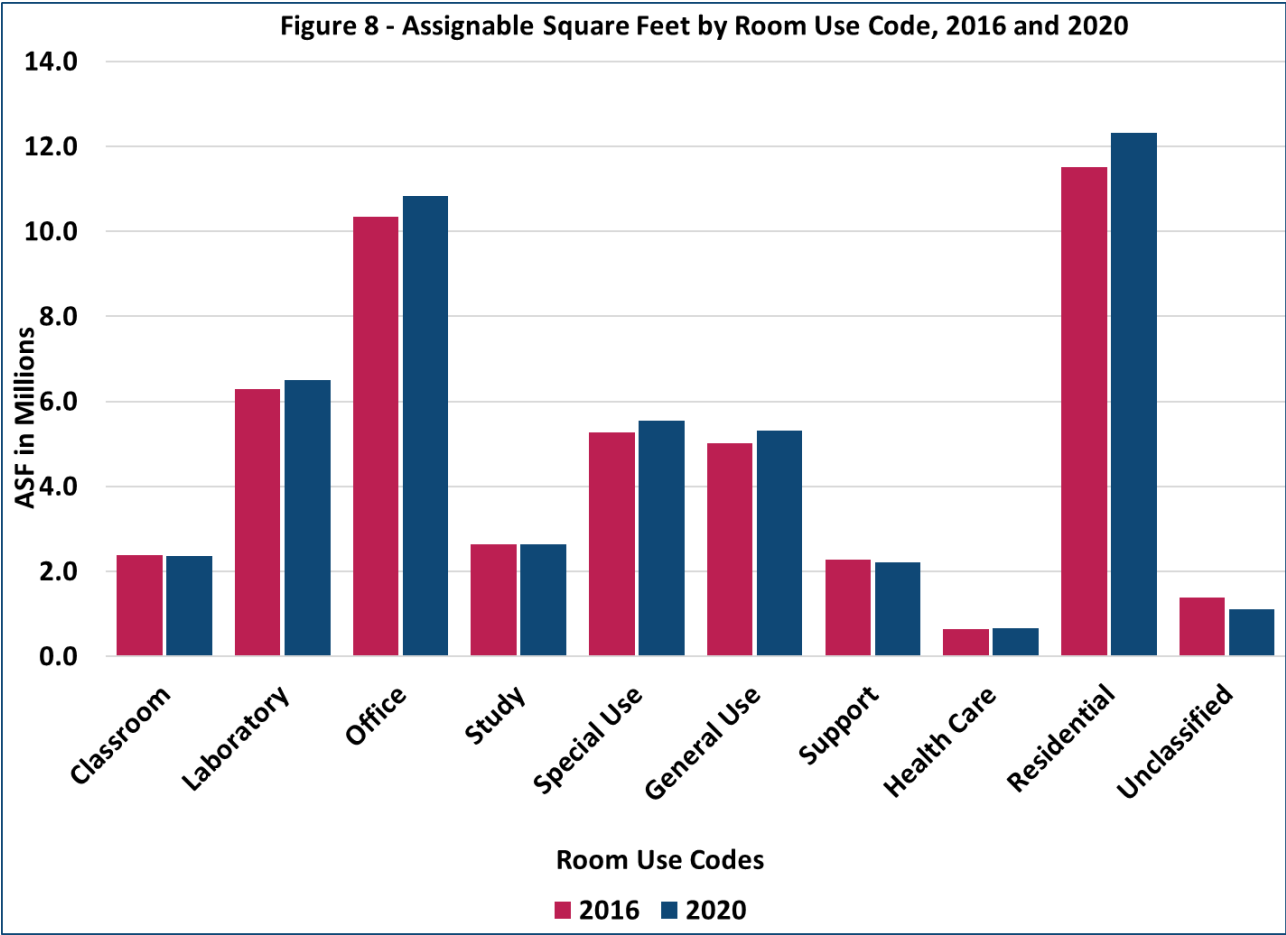
| Assignable Space by Program | | | | |
|-----------------------------|------------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 11,867,663 | 23.97% | 24.04% | -0.07% |
| Research | 5,809,840 | 11.73% | 11.87% | -0.13% |
| Public Service | 1,705,829 | 3.45% | 3.42% | 0.03% |
| Student Service | 20,230,565 | 40.86% | 39.76% | 1.11% |
| Other | 9,895,833 | 19.99% | 20.92% | -0.93% |

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 most 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, 392,112 SF or 3.4 percent; research, 142,923 or 2.5 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 73,981 SF or 4.5 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 1,250,107, or 6.6 percent from 2016. 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 77,664, or 17.4 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. Figure 8 shows the classification of assignable space by room use code.

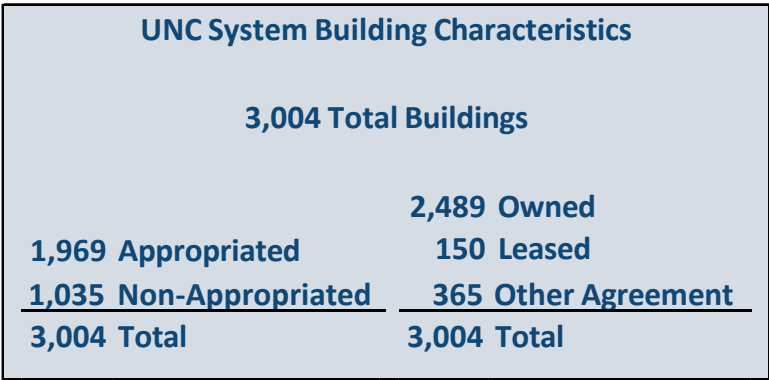
The single largest category of assignable space is for residential facilities, with 12.3M SF, or 25 percent of all space, assigned to this room use code. This represents an increase of 801,565 SF, or 7 percent, since 2016. Office space is the second largest room use category at 10.8M SF, or 22 percent of all assignable space. Office space has increased by 492,107 SF, or 4.8 percent since 2016. Together, these two categories account for nearly 50 percent of the assignable space. 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 39-57 and 89-101 in the study.

Source: Table 15



Building Characteristics

Excluding UNC Hospitals, the UNC System has 90.7 million gross square feet of space comprised of 3,004 buildings and a total estimated replacement value of more than \$27.4B. 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.



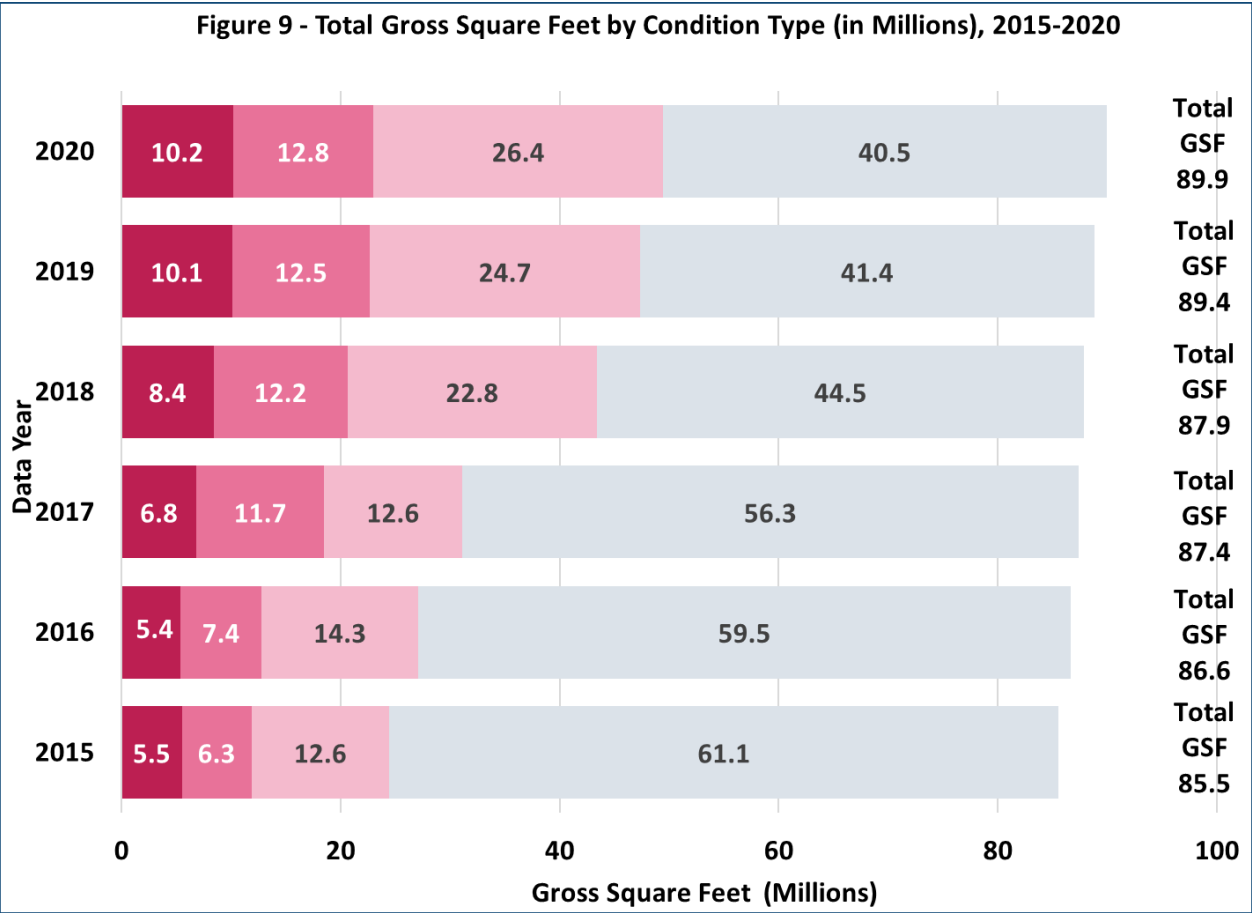
One important building characteristic is building condition. This indicates the extent to which existing facilities are in sound operating order, functioning as originally intended. Building condition categories are listed in the chart below.

| | |
|---|---|
| <div>Condition Code 1 - Satisfactory - Suitable for continued use with normal maintenance</div> <div>Condition Code 2 - Remodeling A - Less than 25% of the estimated replacement cost of the building</div> <div>Condition Code 3 - Remodeling B - Between 25% and 50% of the estimated replacement cost of the building</div> | <div>Condition Code 4 - Remodeling C - More than 50% 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 6 - Termination - No longer in use for reasons other than condition</div> |
|---|---|

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.

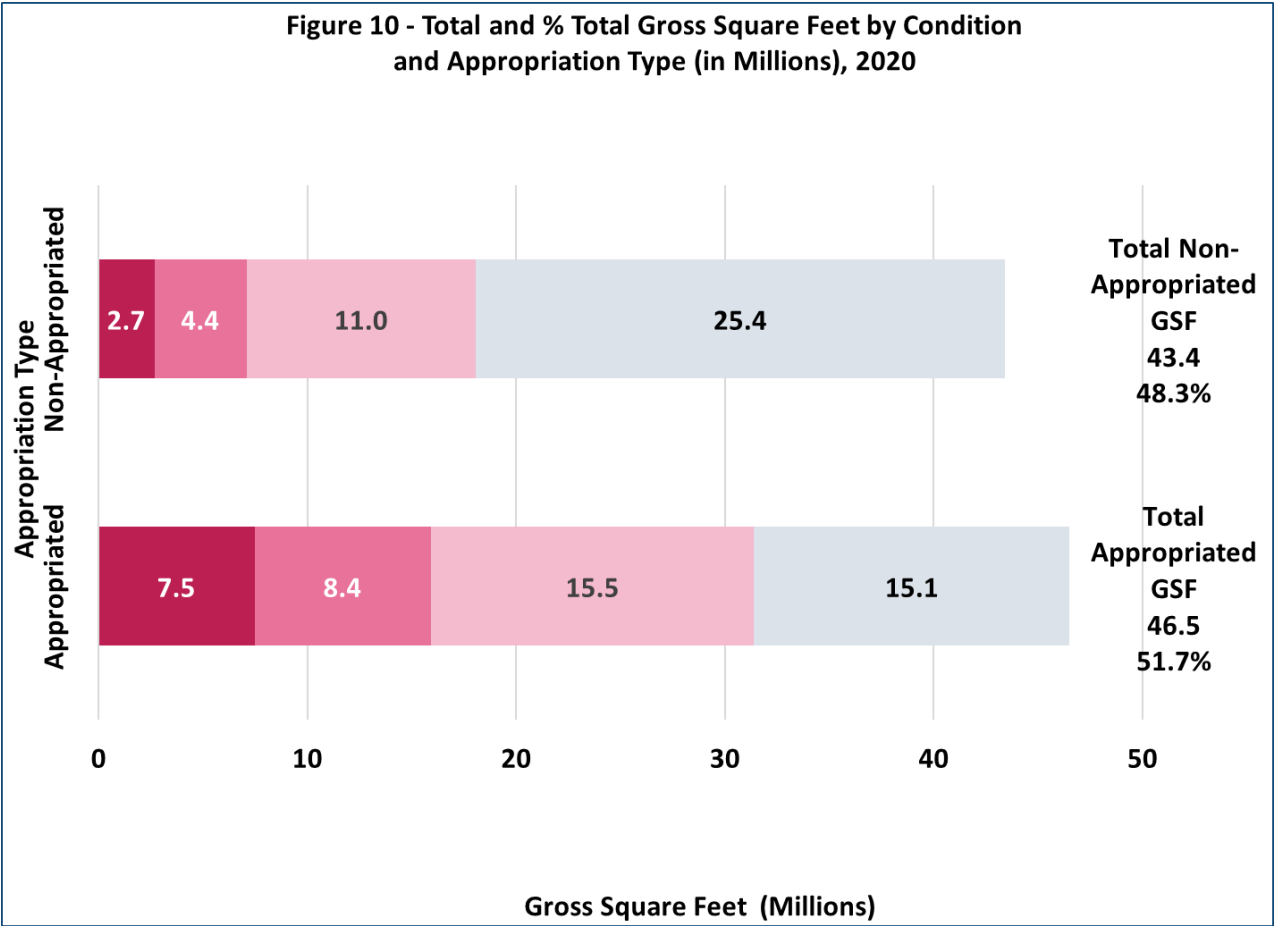
Condition 5 designates facilities that have been identified for demolition, typically because they are unsafe or unsound, while Condition 6 indicates facilities that are no longer in use for reasons other than condition.

Figure 9 illustrates the GSF and condition type from 2016 to 2020. The GSF in Conditions 3 and 4 has increased by 4,766,488 and 5,465,702, or 88 percent and 74 percent respectively since 2016, accounting for more than 20 percent of the 2020 GSF. 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.



Source: Table 22

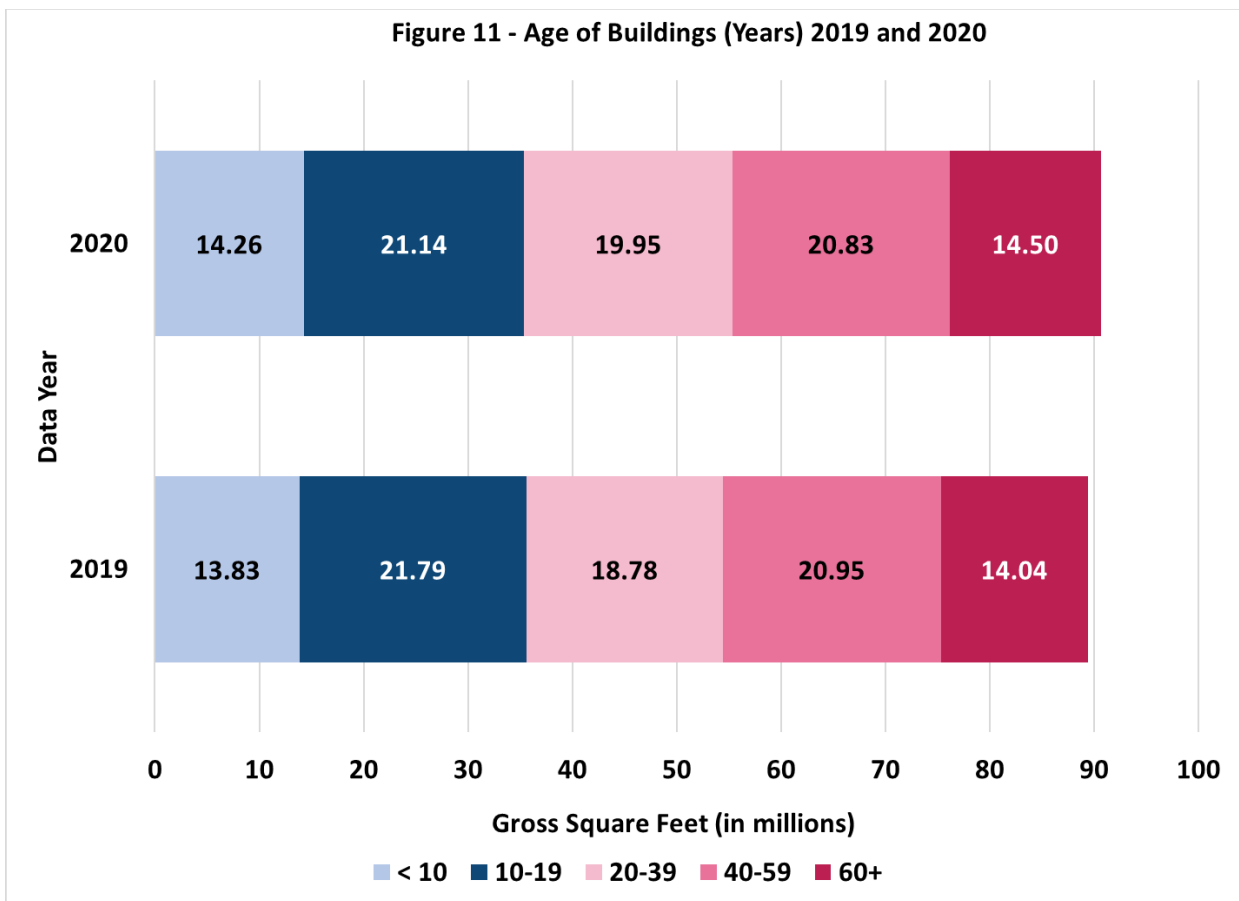
Figure 10 illustrates the GSF by funding type. While state funding can be allocated to address repairs and renovations in appropriated buildings, other sources of funding, including donations, trust funds, or self-liquidating debt, must be identified for non-appropriated buildings. Adequate capital funding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



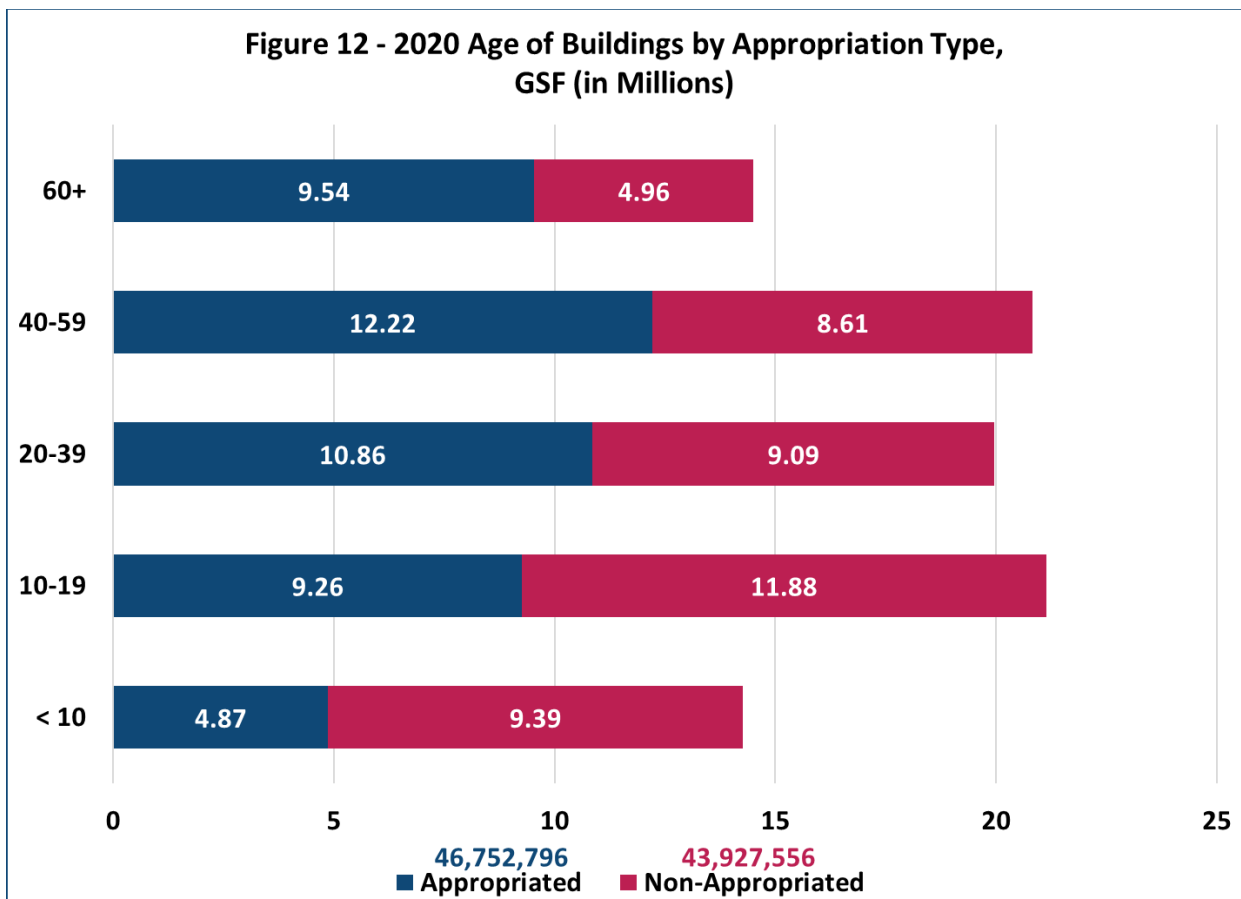
Source: Table 22 (GSF Only)

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. On the next page, Figure 11 illustrates the age of buildings and Figure 12 provides a further breakdown by appropriation type.

Further details regarding building characteristics, including a breakdown by campus, are on pages 77-83 in the study.



Source: Table 21



Source: Table 21 (GSF Only)

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Utilization of Instructional Space

Table 1. Capacity/Enrollment Ratio 3

Table 2. Sq. Ft. Academic Facilities per FTE Student..... 5

Table 3. Room Hours of Instruction in Classroom 7

Table 4. Room Hours of Instruction in Class Laboratories 9

Table 5. Use of Student Stations in Classrooms..... 11

Table 6. Use of Student Stations in Class Laboratories..... 13

Table 7. Percent Student Station Utilization..... 15

Table 8. Student Clock Hours of Instruction 17

Table 9. Space Factors 21

Table 10. Range of Space Utilization Indices 25

Table 11. Space Standards 27

Table 12. FTE Enrollments 31

 Table 12a. FTE Enrollments by Institution..... 33

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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.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

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, 41-44, 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.

| Room Use Codes | |
|------------------------------|-----------------------------------|
| 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

| Institution | ASF of Instructional & Lib. Facilities | Total Student Clock Hours | Capacity / Enrollment Ratio | | | | |
|--|--|---------------------------------|-----------------------------|-------|-------|-------|-------|
| | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | |
| NC State | 1,682,371 | 123,250.0 | 13.65 | 4.10 | 4.34 | 4.44 | 4.46 |
| NC State Veterinary Med | - | - | | | - | - | - |
| UNC-Chapel Hill | 1,953,938 | 1,611.5 | 1212.50 | 6.10 | 6.26 | 6.17 | 6.10 |
| UNC-Chapel Hill Hlth Aff. | - | - | | | - | - | - |
| Subtotal | 3,636,309 | 124,861.5 | 29.12 | 4.96 | 5.17 | 5.20 | 5.19 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 1,032,180 | 131,554.0 | 7.85 | 3.83 | 3.77 | 3.62 | 3.57 |
| East Carolina Hlth Aff. | - | - | | | - | - | - |
| N.C. A&T | 720,191 | 47,920.0 | 15.03 | 4.51 | 4.68 | 4.78 | 5.17 |
| UNC Charlotte | 1,030,635 | 70,772.5 | 14.56 | 2.97 | 2.87 | 2.77 | 2.80 |
| UNC Greensboro | 731,046 | 63,411.5 | 11.53 | 3.74 | 3.52 | 3.65 | 3.59 |
| UNC Wilmington | 617,425 | 25,538.5 | 24.18 | 3.08 | 3.04 | 3.01 | 3.28 |
| Subtotal | 4,131,477 | 339,196.5 | 12.18 | 3.53 | 3.54 | 3.50 | 3.53 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 882,593 | 29,009.5 | 30.42 | 3.25 | 3.37 | 3.10 | 3.11 |
| Fayetteville | 283,535 | 26,617.5 | 10.65 | 5.96 | 5.53 | 6.24 | 5.78 |
| NCCU | 538,119 | 34,286.0 | 15.70 | 6.60 | 6.15 | 5.94 | 5.77 |
| UNC Pembroke | 337,356 | 33,700.5 | 10.01 | 4.78 | 4.67 | 5.04 | 4.75 |
| Western Carolina | 546,556 | 32,911.0 | 16.61 | 3.66 | 3.80 | 3.95 | 4.01 |
| Winston-Salem | 334,111 | 19,549.5 | 17.09 | 4.82 | 4.49 | 4.63 | 4.60 |
| Subtotal | 2,922,270 | 176,074.0 | 16.60 | 4.22 | 3.97 | 3.97 | 3.99 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 233,210 | 19,640.5 | 11.87 | 4.99 | 4.79 | 4.71 | 4.73 |
| Subtotal | 233,210 | 19,640.5 | 11.87 | 4.99 | 7.21 | 7.41 | 7.75 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 281,601 | 11,817.5 | 23.83 | 12.95 | 13.16 | 15.10 | 17.24 |
| Subtotal | 281,601 | 11,817.5 | 23.83 | 12.95 | 7.21 | 7.41 | 7.75 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | - | - | - | 9.94 | 10.52 | 10.48 | 10.37 |
| Subtotal | 0 | 0.0 | - | 9.94 | 10.52 | 10.48 | 10.37 |
| Grand Total | 11,204,867 | 671,590.0 | 16.68 | 4.27 | 4.30 | 4.28 | 4.30 |

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 | | |
|---|---------------|----------------|
| <u>Institutional Level</u> | <u>Public</u> | <u>Private</u> |
| University | 132 | 150 |
| Four-year | 93 | 103 |

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 3). 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, 41-44, 47, 49, and 53) and room use codes (pages 61-62). The term refers to an institution's total assignable area (page 37) 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 31.

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 | | | | |
|--|----------------------------|----------------|--|-------|-------|-------|-------|
| | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | |
| NC State | 6,028,894 | 31,872 | 189 | 185 | 190 | 196 | 198 |
| NC State Veterinary Med | 452,072 | 399 | 1,133 | 1,132 | 1,091 | 1,083 | 1,061 |
| UNC-Chapel Hill | 3,917,171 | 23,159 | 169 | 164 | 161 | 160 | 167 |
| UNC-Chapel Hill Hlth Aff. | 2,496,445 | 4,859 | 514 | 535 | 555 | 535 | 545 |
| Subtotal | 9,946,065 | 55,031 | 181 | 176 | 177 | 180 | 184 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 1,713,118 | 22,786 | 75 | 76 | 75 | 72 | 71 |
| East Carolina Hlth Aff. | 1,079,065 | 2,771 | 389 | 393 | 420 | 415 | 412 |
| N.C. A&T | 1,549,357 | 11,897 | 130 | 132 | 137 | 139 | 149 |
| UNC Charlotte | 1,926,279 | 27,579 | 70 | 72 | 69 | 67 | 70 |
| UNC Greensboro | 1,484,677 | 17,764 | 84 | 81 | 79 | 83 | 83 |
| UNC Wilmington | 1,169,931 | 15,931 | 73 | 64 | 64 | 68 | 71 |
| Subtotal | 7,843,362 | 95,957 | 82 | 81 | 82 | 82 | 84 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 1,313,811 | 19,188 | 68 | 71 | 73 | 69 | 70 |
| Fayetteville | 466,374 | 5,626 | 83 | 84 | 86 | 98 | 96 |
| NCCU | 802,766 | 7,343 | 109 | 110 | 107 | 108 | 108 |
| UNC Pembroke | 548,787 | 7,211 | 76 | 77 | 84 | 96 | 95 |
| Western Carolina | 850,152 | 11,104 | 77 | 76 | 79 | 85 | 86 |
| Winston-Salem | 564,535 | 4,803 | 118 | 110 | 112 | 114 | 112 |
| Subtotal | 4,546,425 | 55,275 | 82 | 83 | 81 | 83 | 85 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 399,168 | 3,105 | 129 | 125 | 118 | 120 | 117 |
| Subtotal | 399,168 | 3,105 | 129 | 125 | 118 | 120 | 117 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 432,616 | 1,822 | 237 | 260 | 278 | 333 | 322 |
| Subtotal | 432,616 | 1,822 | 237 | 260 | 278 | 333 | 322 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 550,860 | 1,059 | 520 | 498 | 515 | 534 | 519 |
| Subtotal | 550,860 | 1,059 | 520 | 498 | 515 | 534 | 519 |
| Grand Total | 23,718,496 | 212,249 | 112 | 110 | 111 | 113 | 115 |

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**

| | Total Room Hours | Average Daytime Hours | Average Nighttime Hours | All Hours | | | | |
|--|---------------------|-----------------------------|-------------------------------|-----------|------|------|------|------|
| Institution | | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | |
| NC State | 2,544.0 | 10.4 | 0.6 | 11.0 | 31.8 | 31.2 | 31.1 | 31.2 |
| UNC-Chapel Hill | 98.5 | 0.3 | 0.0 | 0.3 | 27.3 | 27.6 | 27.7 | 27.4 |
| Subtotal | 2,642.5 | 4.9 | 0.3 | 5.2 | 29.0 | 29.2 | 29.3 | 29.1 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 2,411.5 | 12.5 | 0.9 | 13.4 | 27.1 | 27.2 | 27.7 | 27.5 |
| N.C. A&T | 1,475.0 | 8.4 | 1.3 | 9.7 | 27.9 | 25.4 | 24.4 | 23.1 |
| UNC Charlotte | 2,285.0 | 7.5 | 2.3 | 9.8 | 29.9 | 30.8 | 34.3 | 32.4 |
| UNC Greensboro | 2,186.0 | 14.1 | 2.1 | 16.2 | 32.2 | 31.6 | 30.5 | 29.3 |
| UNC Wilmington | 1,108.0 | 5.9 | 0.9 | 6.8 | 30.8 | 32.2 | 31.1 | 26.6 |
| Subtotal | 9,465.5 | 9.4 | 1.5 | 10.9 | 29.1 | 29.5 | 29.9 | 28.2 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 969.0 | 4.1 | 0.4 | 4.5 | 28.8 | 27.2 | 28.7 | 29.3 |
| Fayetteville | 979.0 | 13.0 | 2.6 | 15.6 | 23.0 | 25.3 | 25.6 | 24.4 |
| NCCU | 892.0 | 5.2 | 0.7 | 5.9 | 14.8 | 16.6 | 16.8 | 16.5 |
| UNC Pembroke | 1,278.0 | 8.6 | 1.3 | 9.9 | 22.4 | 22.8 | 22.2 | 22.9 |
| Western Carolina | 789.0 | 6.2 | 1.4 | 7.6 | 33.2 | 32.3 | 30.9 | 30.3 |
| Winston-Salem | 639.5 | 6.0 | 0.9 | 6.9 | 20.9 | 22.6 | 22.2 | 22.1 |
| Subtotal | 5,546.5 | 6.4 | 1.0 | 7.4 | 24.2 | 24.4 | 24.6 | 24.6 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 625.0 | 10.1 | 1.1 | 11.2 | 27.4 | 28.3 | 25.6 | 27.4 |
| Subtotal | 625.0 | 10.1 | 1.1 | 11.2 | 27.4 | 28.3 | 25.6 | 27.4 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 502.5 | 5.4 | 0.8 | 6.2 | 9.6 | 10.2 | 11.3 | 8.6 |
| Subtotal | 502.5 | 5.4 | 0.8 | 6.2 | 9.6 | 10.2 | 11.3 | 8.6 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | - | - | - | 0.0 | 11.4 | 10.4 | 10.8 | 10.7 |
| Subtotal | 0.0 | 0.0 | 0.0 | 0.0 | 11.4 | 10.4 | 10.8 | 10.7 |
| Grand Total | 18,782.0 | 7.1 | 1.0 | 8.1 | 26.6 | 26.7 | 26.9 | 26.2 |

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 7.

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 | | | | |
|--|------------------|-----------------------|-------------------------|-----------|------|------|------|------|
| | | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | |
| NC State | 1,448.5 | 6.0 | 0.2 | 6.2 | 15.4 | 12.7 | 13.4 | 13.6 |
| UNC-Chapel Hill | - | - | - | - | 8.9 | 9.3 | 9.4 | 9.9 |
| Subtotal | 1,448.5 | 4.2 | 0.2 | 4.4 | 13.3 | 11.8 | 12.2 | 12.5 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 1,924.5 | 10.4 | 1.0 | 11.4 | 14.6 | 15.2 | 15.4 | 14.6 |
| N.C. A&T | 412.5 | 3.7 | 0.5 | 4.2 | 13.3 | 13.0 | 13.2 | 14.6 |
| UNC Charlotte | 1,020.5 | 6.1 | 1.1 | 7.2 | 18.7 | 20.7 | 18.9 | 17.3 |
| UNC Greensboro | 1,282.5 | 11.4 | 1.6 | 13.0 | 18.0 | 17.5 | 18.3 | 20.5 |
| UNC Wilmington | 323.5 | 3.2 | 0.3 | 3.5 | 19.5 | 17.0 | 18.0 | 17.8 |
| Subtotal | 4,963.5 | 7.3 | 0.9 | 8.2 | 16.5 | 16.6 | 16.6 | 16.7 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 518.5 | 3.6 | 0.2 | 3.8 | 20.2 | 20.5 | 21.8 | 21.9 |
| Fayetteville | 373.0 | 9.0 | 1.9 | 10.9 | 14.4 | 15.7 | 12.1 | 11.7 |
| NCCU | 348.5 | 4.8 | 0.6 | 5.4 | 7.5 | 8.5 | 8.9 | 10.4 |
| UNC Pembroke | 423.0 | 9.4 | 0.2 | 9.6 | 14.0 | 17.4 | 14.8 | 16.4 |
| Western Carolina | 816.5 | 8.9 | 0.5 | 9.4 | 18.1 | 17.7 | 17.0 | 16.6 |
| Winston-Salem | 221.0 | 2.3 | 0.4 | 2.7 | 9.6 | 10.1 | 9.2 | 9.1 |
| Subtotal | 2,700.5 | 5.6 | 0.5 | 6.1 | 15.3 | 16.0 | 15.4 | 15.6 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 174.0 | 7.6 | 1.1 | 8.7 | 12.8 | 11.8 | 14.7 | 12.6 |
| Subtotal | 174.0 | 7.6 | 1.1 | 8.7 | 12.8 | 11.8 | 14.7 | 12.6 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 264.0 | 3.4 | 0.7 | 4.1 | 5.9 | 6.7 | 6.1 | 4.6 |
| Subtotal | 264.0 | 3.4 | 0.7 | 4.1 | 5.9 | 6.7 | 6.1 | 4.6 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | - | - | - | - | 13.2 | 12.3 | 13.2 | 12.7 |
| Subtotal | 0.0 | - | - | - | 13.2 | 12.3 | 13.2 | 12.7 |
| Grand Total | 9,550.5 | 5.6 | 0.6 | 6.2 | 14.8 | 14.5 | 14.6 | 14.5 |

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 7 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% 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 | | | | |
|--|-----------------|---------------------------|-----------------------|-------------------------|-----------|------|------|------|------|
| | | | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | | |
| NC State | 14,347 | 79,709.0 | 5.3 | 0.3 | 5.6 | 21.2 | 20.8 | 19.9 | 19.6 |
| UNC-Chapel Hill | 6,575 | 1,472.0 | 0.2 | 0.0 | 0.2 | 19.2 | 18.6 | 18.6 | 18.4 |
| Subtotal | 20,922 | 81,181.0 | 3.7 | 0.2 | 3.9 | 20.0 | 19.7 | 19.2 | 19.0 |
| Doctoral Universities I & II | | | | | | | | | |
| East Carolina | 9,396 | 81,187.0 | 8.3 | 0.4 | 8.7 | 20.9 | 21.7 | 22.8 | 22.3 |
| N.C. A&T | 6,997 | 33,453.0 | 4.3 | 0.5 | 4.8 | 16.3 | 15.4 | 14.8 | 14.1 |
| UNC Charlotte | 11,245 | 55,027.0 | 3.8 | 1.1 | 4.9 | 21.7 | 22.1 | 24.4 | 22.2 |
| UNC Greensboro | 3,222 | 38,275.0 | 10.6 | 1.3 | 11.9 | 17.5 | 18.6 | 18.4 | 18.3 |
| UNC Wilmington | 3,623 | 19,643.0 | 4.8 | 0.7 | 5.5 | 21.8 | 22.2 | 21.4 | 18.3 |
| Subtotal | 34,483 | 227,585.0 | 5.9 | 0.7 | 6.6 | 19.5 | 20.3 | 20.9 | 19.7 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | |
| Appalachian | 3,515 | 17,502.0 | 4.6 | 0.4 | 5.0 | 20.5 | 19.3 | 21.0 | 21.0 |
| Fayetteville | 2,516 | 19,790.0 | 6.7 | 1.1 | 7.8 | 13.9 | 14.8 | 14.0 | 14.9 |
| NCCU | 6,397 | 19,384.0 | 2.7 | 0.3 | 3.0 | 9.2 | 9.6 | 10.2 | 10.0 |
| UNC Pembroke | 4,963 | 24,764.0 | 4.6 | 0.4 | 5.0 | 13.6 | 14.5 | 13.8 | 14.4 |
| Western Carolina | 1,709 | 12,685.0 | 6.2 | 1.2 | 7.4 | 23.7 | 22.3 | 21.0 | 21.0 |
| Winston-Salem | 4,002 | 12,941.0 | 3.0 | 0.3 | 3.3 | 12.7 | 13.7 | 13.3 | 13.2 |
| Subtotal | 23,102 | 107,066.0 | 4.1 | 0.5 | 4.6 | 16.2 | 16.1 | 16.3 | 16.3 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | |
| UNC Asheville | 1,031 | 11,641.0 | 10.3 | 1.0 | 11.3 | 17.5 | 18.2 | 16.0 | 16.1 |
| Subtotal | 1,031 | 11,641.0 | 10.3 | 1.0 | 11.3 | 17.5 | 18.2 | 16.0 | 16.1 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | |
| Elizabeth City | 2,998 | 8,290.0 | 2.5 | 0.3 | 2.8 | 5.2 | 5.1 | 4.2 | 3.5 |
| Subtotal | 2,998 | 8,290.0 | 2.5 | 0.3 | 2.8 | 5.2 | 5.1 | 4.2 | 3.5 |
| Schools of Art, Music, & Design | | | | | | | | | |
| UNC School of the Arts | 1,193 | - | - | - | 0.0 | 6.4 | 5.9 | 6.1 | 6.4 |
| Subtotal | 1,193 | 0.0 | - | - | 0.0 | 6.4 | 5.9 | 6.1 | 6.4 |
| Grand Total | 83,729 | 435,763.0 | 4.7 | 0.5 | 5.2 | 18.4 | 18.4 | 18.5 | 17.9 |

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 9 for a discussion of what the term class laboratory includes and page 7 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% utilization of student stations when class labs are in use (Table 7).

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

| Institution | No. of Stations | Student Clock Hours | Average Daytime Hours | Average Nighttime Hours | All Hours | | | | |
|--|-----------------|---------------------|-----------------------|-------------------------|-----------|------|------|------|------|
| | | | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | | |
| NC State | 6,483 | 29,851.0 | 4.5 | 0.1 | 4.6 | 12.2 | 10.5 | 11.1 | 11.1 |
| UNC-Chapel Hill | 2,675 | - | - | - | 0.0 | 6.8 | 6.8 | 6.6 | 6.8 |
| Subtotal | 9,158 | 29,851.0 | 3.2 | 0.1 | 3.3 | 10.6 | 9.4 | 9.7 | 9.8 |
| Doctoral Universities I & II | | | | | | | | | |
| East Carolina | 4,531 | 39,175.0 | 7.9 | 0.8 | 8.7 | 11.4 | 11.6 | 11.4 | 11.3 |
| N.C. A&T | 2,370 | 7,308.0 | 2.7 | 0.3 | 3.0 | 11.7 | 11.1 | 11.0 | 11.2 |
| UNC Charlotte | 2,746 | 13,561.0 | 4.2 | 0.8 | 5.0 | 13.1 | 14.6 | 13.7 | 12.3 |
| UNC Greensboro | 1,886 | 19,832.0 | 9.4 | 1.1 | 10.5 | 11.7 | 8.9 | 13.1 | 12.8 |
| UNC Wilmington | 1,413 | 4,233.0 | 2.8 | 0.2 | 3.0 | 15.0 | 14.1 | 15.8 | 13.7 |
| Subtotal | 12,946 | 84,109.0 | 5.8 | 0.7 | 6.5 | 12.5 | 11.6 | 12.3 | 11.9 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | |
| Appalachian | 2,010 | 6,419.0 | 3.0 | 0.2 | 3.2 | 17.5 | 17.5 | 18.2 | 18.3 |
| Fayetteville | 940 | 5,365.0 | 4.4 | 1.3 | 5.7 | 10.0 | 10.9 | 8.5 | 9.0 |
| NCCU | 1,387 | 5,817.0 | 3.7 | 0.5 | 4.2 | 7.2 | 8.4 | 8.7 | 10.9 |
| UNC Pembroke | 1426 | 5,788.0 | 4.0 | 0.1 | 4.1 | 11.3 | 14.3 | 11.6 | 13.8 |
| Western Carolina | 1,750 | 11,156.0 | 5.9 | 0.4 | 6.3 | 13.9 | 13.9 | 13.6 | 13.8 |
| Winston-Salem | 1,581 | 2,832.0 | 1.6 | 0.2 | 1.8 | 8.7 | 8.4 | 7.0 | 7.0 |
| Subtotal | 9,094 | 37,377.0 | 3.8 | 0.4 | 4.2 | 12.9 | 13.4 | 13.2 | 13.2 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | |
| UNC Asheville | 730 | 7,855.0 | 9.2 | 1.5 | 10.7 | 10.7 | 10.2 | 11.5 | 10.1 |
| Subtotal | 730 | 7,855.0 | 9.2 | 1.5 | 10.7 | 10.7 | 10.2 | 11.5 | 10.1 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | |
| Elizabeth City | 1,416 | 6,024.0 | 3.4 | 0.9 | 4.3 | 4.3 | 3.9 | 3.6 | 2.7 |
| Subtotal | 1,416 | 6,024.0 | 3.4 | 0.9 | 4.3 | 4.3 | 3.9 | 3.6 | 2.7 |
| Schools of Art, Music, & Design | | | | | | | | | |
| UNC School of the Arts | 1,938 | 15,201.0 | 6.4 | 1.5 | 7.9 | 7.9 | 7.4 | 7.4 | 7.4 |
| Subtotal | 1,938 | 15,201.0 | 6.4 | 1.5 | 7.9 | 7.9 | 7.4 | 7.4 | 7.4 |
| Grand Total | 35,282 | 180,417.0 | 4.1 | 0.4 | 4.5 | 11.5 | 11.1 | 11.3 | 11.2 |

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% for classrooms and 75% 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 | | | | |
|---|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
| | 2020 | 2019 | 2018 | 2017 | 2016 | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | | | |
| NC State | 37.5 | 64.7 | 64.7 | 63.3 | 62.7 | 69.3 | 78.2 | 75.5 | 73.8 | 71.6 |
| UNC-Chapel Hill | 40.9 | 68.6 | 66.9 | 65.5 | 64.6 | 0.0 | 49.5 | 50.1 | 51.2 | 49.6 |
| Subtotal | 37.5 | 66.5 | 65.8 | 64.4 | 63.6 | 69.3 | 69.8 | 67.9 | 67.5 | 65.4 |
| Doctoral Universities I & II | | | | | | | | | | |
| East Carolina | 49.8 | 69.8 | 70.7 | 72.6 | 72.3 | 61.5 | 62.3 | 62.0 | 59.5 | 62.7 |
| N.C. A&T | 36.5 | 54.2 | 54.7 | 55.3 | 54.2 | 67.7 | 76.7 | 73.6 | 71.6 | 70.6 |
| UNC Charlotte | 36.3 | 66.0 | 67.1 | 66.5 | 65.1 | 52.3 | 63.6 | 65.2 | 60.9 | 62.4 |
| UNC Greensboro | 63.3 | 57.9 | 62.0 | 61.6 | 63.3 | 73.4 | 57.5 | 54.2 | 61.5 | 52.7 |
| UNC Wilmington | 63.9 | 67.0 | 63.1 | 65.4 | 63.7 | 70.5 | 68.5 | 70.4 | 75.7 | 72.1 |
| Subtotal | 45.7 | 63.6 | 64.6 | 65.3 | 64.8 | 63.0 | 64.4 | 63.8 | 64.1 | 62.9 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | | |
| Appalachian | 73.8 | 68.3 | 67.6 | 69.3 | 67.6 | 68.9 | 80.0 | 78.2 | 77.4 | 76.8 |
| Fayetteville | 47.5 | 57.0 | 54.9 | 52.5 | 57.5 | 51.9 | 62.0 | 63.6 | 61.2 | 65.6 |
| NCCU | 39.9 | 52.2 | 49.4 | 51.1 | 51.4 | 65.5 | 77.4 | 82.9 | 82.8 | 83.9 |
| UNC Pembroke | 43.5 | 58.1 | 61.4 | 59.5 | 59.7 | 43.3 | 67.6 | 72.8 | 66.9 | 74.7 |
| Western Carolina | 86.1 | 69.7 | 67.0 | 66.8 | 67.1 | 59.7 | 63.6 | 63.0 | 63.7 | 65.4 |
| Winston-Salem | 34.7 | 57.5 | 58.5 | 57.9 | 57.3 | 43.5 | 65.0 | 61.6 | 57.7 | 58.7 |
| Subtotal | 48.0 | 63.0 | 61.9 | 62.1 | 62.1 | 55.7 | 71.2 | 71.1 | 70.0 | 71.8 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | | |
| UNC Asheville | 80.1 | 62.8 | 63.3 | 60.4 | 57.5 | 73.5 | 73.7 | 66.5 | 66.0 | 60.0 |
| Subtotal | 80.1 | 62.8 | 63.3 | 60.4 | 57.5 | 73.5 | 73.7 | 66.5 | 66.0 | 60.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | | |
| Elizabeth City | 31.4 | 44.1 | 41.2 | 35.3 | 38.3 | 41.7 | 47.5 | 40.9 | 38.4 | 43.2 |
| Subtotal | 31.4 | 44.1 | 41.2 | 35.3 | 38.3 | 41.7 | 47.5 | 40.9 | 38.4 | 43.2 |
| Schools of Art, Music, & Design | | | | | | | | | | |
| UNC School of the Arts | 0.0 | 49.5 | 50.5 | 50.7 | 53.2 | 0.0 | 49.8 | 49.6 | 48.0 | 48.1 |
| Subtotal | 0.0 | 49.5 | 50.5 | 50.7 | 53.2 | 0.0 | 49.8 | 49.6 | 48.0 | 48.1 |
| Grand Total | 44.6 | 64.0 | 63.9 | 63.8 | 63.3 | 61.6 | 66.4 | 65.6 | 65.1 | 64.8 |

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 5. 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 | 2020 | | | 2019 | | |
|---|------------------|------------------|-----------------|--------------------|------------------|------------------|
| | Classroom | Laboratory | Other | Classroom | Laboratory | Other |
| Research Universities I | | | | | | |
| NC State | 79,709.0 | 29,851.0 | 13,690.0 | 304,855.5 | 74,105.5 | 30,105.5 |
| UNC-Chapel Hill | 1,472.0 | 0.0 | 139.5 | 278,423.0 | 19,407.0 | 10,721.0 |
| Subtotal | 81,181.0 | 29,851.0 | 13,829.5 | 583,278.5 | 93,512.5 | 40,826.5 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 81,187.0 | 39,174.5 | 11,192.5 | 196,439.5 | 51,854.0 | 21,258.5 |
| N.C. A&T | 33,452.5 | 7,307.5 | 7,160.0 | 113,801.5 | 27,853.5 | 18,044.0 |
| UNC Charlotte | 55,027.0 | 13,561.0 | 2,184.5 | 286,693.0 | 53,460.5 | 5,012.5 |
| UNC Greensboro | 38,274.5 | 19,832.0 | 5,305.0 | 150,149.5 | 34,293.5 | 12,317.5 |
| UNC Wilmington | 19,643.0 | 4,233.0 | 1,662.5 | 136,075.5 | 34,220.0 | 6,925.0 |
| Subtotal | 227,584.0 | 84,108.0 | 27,504.5 | 883,159.0 | 201,681.5 | 63,557.5 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 17,502.0 | 6,419.0 | 5,088.5 | 181,661.5 | 53,750.5 | 35,670.0 |
| Fayetteville | 19,789.5 | 5,365.0 | 1,463.0 | 34,896.0 | 9,447.5 | 3,242.0 |
| NCCU | 19,384.0 | 5,817.0 | 9,085.0 | 58,582.0 | 10,010.5 | 12,926.0 |
| UNC Pembroke | 24,763.5 | 5,788.0 | 3,149.0 | 52,556.5 | 10,150.5 | 2,196.5 |
| Western Carolina | 12,685.0 | 11,156.0 | 9,070.0 | 105,192.0 | 32,018.5 | 12,663.5 |
| Winston-Salem | 12,941.0 | 2,831.5 | 3,777.0 | 41,261.5 | 10,149.0 | 6,475.0 |
| Subtotal | 107,065.0 | 37,376.5 | 31,632.5 | 474,149.5 | 125,526.5 | 73,173.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 11,641.0 | 2,608.0 | 5,391.5 | 34,992.5 | 7,854.5 | 7,452.0 |
| Subtotal | 11,641.0 | 2,608.0 | 5,391.5 | 34,992.5 | 7,854.5 | 7,452.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 8,289.5 | 3,408.0 | 120.0 | 15,444.5 | 6,023.5 | 282.5 |
| Subtotal | 8,289.5 | 3,408.0 | 120.0 | 15,444.5 | 6,023.5 | 282.5 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 0.0 | 0.0 | 0.0 | 7,327.0 | 15,201.0 | 11,183.5 |
| Subtotal | 0.0 | 0.0 | 0.0 | 7,327.0 | 15,201.0 | 11,183.5 |
| Grand Total | 435,760.5 | 157,351.5 | 78,478.0 | 1,998,351.0 | 449,799.5 | 196,475.0 |

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

| Institution | 2018 | | |
|---|--------------------|------------------|------------------|
| | Classroom | Laboratory | Other |
| Research Universities I | | | |
| NC State | 298,774.0 | 68,833.0 | 24,844.0 |
| UNC-Chapel Hill | 272,809.5 | 19,262.5 | 9,342.0 |
| Subtotal | 571,583.5 | 88,095.5 | 34,186.0 |
| Doctoral Universities I & II | | | |
| East Carolina | 209,314.0 | 52,921.0 | 16,752.5 |
| N.C. A&T | 108,162.5 | 26,379.0 | 19,441.0 |
| UNC Charlotte | 294,111.0 | 48,360.0 | 7,458.5 |
| UNC Greensboro | 160,779.0 | 32,092.5 | 14,199.0 |
| UNC Wilmington | 132,221.0 | 30,029.0 | 9,219.5 |
| Subtotal | 904,587.5 | 189,781.5 | 67,070.5 |
| Master's (Comprehensive) Universities & Colleges I | | | |
| Appalachian | 183,397.5 | 55,138.0 | 31,280.0 |
| Fayetteville | 37,070.5 | 10,843.5 | 3,302.0 |
| NCCU | 61,556.5 | 11,688.0 | 14,278.0 |
| UNC Pembroke | 53,218.0 | 9,853.0 | 2,573.5 |
| Western Carolina | 101,800.5 | 31,066.0 | 11,381.0 |
| Winston-Salem | 45,185.5 | 10,168.0 | 8,238.0 |
| Subtotal | 482,228.5 | 128,756.5 | 71,052.5 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | |
| UNC Asheville | 36,343.5 | 7,416.5 | 8,649.0 |
| Subtotal | 36,343.5 | 7,416.5 | 8,649.0 |
| Baccalaureate Colleges: Diverse Fields | | | |
| Elizabeth City | 15,405.0 | 5,523.5 | 472.5 |
| Subtotal | 15,405.0 | 5,523.5 | 472.5 |
| Schools of Art, Music, & Design | | | |
| UNC School of the Arts | 6,782.0 | 14,278.5 | 10,810.0 |
| Subtotal | 6,782.0 | 14,278.5 | 10,810.0 |
| Grand Total | 2,016,930.0 | 433,852.0 | 192,240.5 |

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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:

$$\text{Classroom Space Factor} = \frac{48}{8.1 \times .446} = 2.64$$

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 | | | | |
|---|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|--------------|
| | 2020 | 2019 | 2018 | 2017 | 2016 | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | | | |
| NC State | 3.10 | 0.82 | 0.83 | 0.87 | 0.88 | 8.84 | 3.29 | 3.88 | 3.73 | 3.71 |
| UNC-Chapel Hill | 173.79 | 0.93 | 0.94 | 0.94 | 0.95 | 0.00 | 5.04 | 4.97 | 5.01 | 4.81 |
| Subtotal | 6.20 | 0.87 | 0.89 | 0.91 | 0.91 | 11.83 | 3.65 | 4.12 | 4.01 | 3.95 |
| Doctoral Universities I & II | | | | | | | | | | |
| East Carolina | 2.03 | 0.84 | 0.81 | 0.77 | 0.78 | 4.15 | 3.14 | 3.11 | 3.19 | 3.20 |
| N.C. A&T | 4.11 | 1.21 | 1.27 | 1.33 | 1.42 | 13.03 | 3.42 | 3.61 | 3.66 | 3.52 |
| UNC Charlotte | 4.39 | 0.84 | 0.82 | 0.77 | 0.81 | 12.36 | 3.04 | 2.60 | 2.98 | 3.20 |
| UNC Greensboro | 3.59 | 0.96 | 0.92 | 0.92 | 0.93 | 6.76 | 3.96 | 4.22 | 3.67 | 3.75 |
| UNC Wilmington | 8.05 | 0.96 | 0.94 | 0.95 | 1.44 | 21.33 | 2.45 | 2.75 | 2.52 | 2.77 |
| Subtotal | 3.69 | 0.93 | 0.91 | 0.88 | 0.99 | 7.73 | 3.17 | 3.18 | 3.16 | 3.26 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | | |
| Appalachian | 10.38 | 0.99 | 1.04 | 0.94 | 0.94 | 21.18 | 2.55 | 2.53 | 2.40 | 2.39 |
| Fayetteville | 2.54 | 1.44 | 1.37 | 1.46 | 1.36 | 6.66 | 3.78 | 3.38 | 4.32 | 4.11 |
| NCCU | 6.16 | 2.04 | 1.94 | 1.83 | 1.88 | 10.24 | 5.95 | 5.10 | 4.92 | 3.93 |
| UNC Pembroke | 4.30 | 1.62 | 1.59 | 1.68 | 1.61 | 7.27 | 3.53 | 2.91 | 3.59 | 3.02 |
| Western Carolina | 7.13 | 0.86 | 0.91 | 0.96 | 0.98 | 8.67 | 3.02 | 3.11 | 3.23 | 3.20 |
| Winston-Salem | 6.48 | 1.57 | 1.45 | 1.51 | 1.51 | 24.97 | 4.29 | 4.30 | 5.15 | 5.15 |
| Subtotal | 5.91 | 1.24 | 1.25 | 1.24 | 1.23 | 11.79 | 3.25 | 3.14 | 3.30 | 3.16 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | | |
| UNC Asheville | 3.75 | 1.24 | 1.19 | 1.34 | 1.33 | 6.43 | 4.87 | 5.16 | 4.76 | 4.10 |
| Subtotal | 3.75 | 1.24 | 1.19 | 1.34 | 1.33 | 6.43 | 4.87 | 5.16 | 4.76 | 4.10 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | | |
| Elizabeth City | 7.75 | 4.16 | 4.17 | 5.01 | 5.96 | 14.49 | 8.20 | 8.90 | 9.72 | 12.10 |
| Subtotal | 7.75 | 4.16 | 4.17 | 5.01 | 5.96 | 14.49 | 8.20 | 8.90 | 9.72 | 12.10 |
| Schools of Art, Music, & Design | | | | | | | | | | |
| UNC School of the Arts | 0.00 | 4.10 | 4.43 | 4.25 | 4.11 | 0.00 | 5.59 | 5.95 | 5.79 | 5.79 |
| Subtotal | 0.00 | 4.10 | 4.43 | 4.25 | 4.11 | 0.00 | 5.59 | 5.95 | 5.79 | 5.79 |
| Grand Total | 4.85 | 1.03 | 1.09 | 1.08 | 1.14 | 10.14 | 3.47 | 3.81 | 3.82 | 3.81 |

Table 9. (Continued) Space Factors

| Institution | Teaching Areas | | | | |
|---|----------------|-------------|-------------|-------------|-------------|
| | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | |
| NC State | 4.67 | 1.30 | 1.40 | 1.45 | 1.46 |
| UNC-Chapel Hill | 234.51 | 1.19 | 1.21 | 1.22 | 1.21 |
| Subtotal | 7.71 | 1.25 | 1.32 | 1.34 | 1.35 |
| Doctoral Universities I & II | | | | | |
| East Carolina | 2.72 | 1.32 | 1.27 | 1.21 | 1.23 |
| N.C. A&T | 5.71 | 1.64 | 1.73 | 1.80 | 1.84 |
| UNC Charlotte | 5.96 | 1.19 | 1.07 | 1.10 | 1.14 |
| UNC Greensboro | 4.67 | 1.52 | 1.47 | 1.37 | 1.41 |
| UNC Wilmington | 10.41 | 1.26 | 1.27 | 1.26 | 1.69 |
| Subtotal | 4.78 | 1.34 | 1.30 | 1.28 | 1.37 |
| Master's (Comprehensive) Universities & Colleges I | | | | | |
| Appalachian | 13.28 | 1.35 | 1.38 | 1.27 | 1.27 |
| Fayetteville | 3.42 | 1.94 | 1.82 | 2.17 | 2.04 |
| NCCU | 7.11 | 2.61 | 2.44 | 2.32 | 2.27 |
| UNC Pembroke | 4.86 | 1.93 | 1.80 | 1.94 | 1.83 |
| Western Carolina | 7.85 | 1.37 | 1.42 | 1.49 | 1.48 |
| Winston-Salem | 9.80 | 2.10 | 1.97 | 2.10 | 2.10 |
| Subtotal | 7.43 | 1.67 | 1.65 | 1.66 | 1.64 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | |
| UNC Asheville | 4.24 | 1.90 | 1.86 | 1.85 | 1.71 |
| Subtotal | 4.24 | 1.90 | 1.86 | 1.85 | 1.71 |
| Baccalaureate Colleges: Diverse Fields | | | | | |
| Elizabeth City | 9.71 | 5.29 | 5.42 | 6.38 | 7.70 |
| Subtotal | 9.71 | 5.29 | 5.42 | 6.38 | 7.70 |
| Schools of Art, Music, & Design | | | | | |
| UNC School of the Arts | 0.00 | 5.10 | 5.46 | 5.28 | 5.22 |
| Subtotal | 0.00 | 5.10 | 5.46 | 5.28 | 5.22 |
| Grand Total | 8.59 | 1.48 | 1.57 | 1.57 | 1.61 |

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

| Classification | | | | | | | Space Factor | | |
|---|------|------|-----|------|------|------|--------------|------|-----|
| | High | Mean | Low | High | Mean | Low | High | Mean | Low |
| Classrooms | | | | | | | | | |
| Research Universities I | 11.0 | 5.7 | 0.3 | 40.9 | 39.2 | 37.5 | 173.8 | 88.4 | 3.1 |
| Doctoral Universities I & II | 16.2 | 11.2 | 6.8 | 63.9 | 49.9 | 36.3 | 8.1 | 4.4 | 2.0 |
| Master's (Comprehensive) Universities I | 15.6 | 8.4 | 4.5 | 86.1 | 54.2 | 34.7 | 10.4 | 6.2 | 2.5 |
| Baccalaureate Colleges | 11.2 | 8.7 | 6.2 | 80.1 | 55.7 | 31.4 | 7.7 | 5.7 | 3.7 |
| Schools of Art, Music, & Design* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Grand Total | | | | | | | | | |
| State Range | 16.2 | 8.4 | 0.0 | 86.1 | 47.8 | 0.0 | 173.8 | 15.5 | 0.0 |
| Typical Standard | - | 35.0 | - | - | 65.0 | - | - | 0.8 | - |
| Class Laboratories | | | | | | | | | |
| Research Universities I | 6.2 | 3.1 | 0.0 | 69.3 | 34.7 | 0.0 | 8.8 | 4.4 | 0.0 |
| Doctoral Universities I & II | 13.0 | 7.9 | 3.5 | 73.4 | 65.1 | 52.3 | 21.3 | 11.5 | 4.1 |
| Master's (Comprehensive) Universities I | 10.9 | 7.0 | 2.7 | 68.9 | 55.4 | 43.3 | 25.0 | 13.2 | 6.7 |
| Baccalaureate Colleges | 8.7 | 6.4 | 4.1 | 73.5 | 57.6 | 41.7 | 14.5 | 10.5 | 6.4 |
| Schools of Art, Music, & Design* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Grand Total | | | | | | | | | |
| State Range | 13.0 | 6.3 | 0.0 | 73.5 | 52.7 | 0.0 | 25.0 | 10.4 | 0.0 |
| Typical Standard | - | 20.0 | - | - | 75.0 | - | - | 7.2 | - |

*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% 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 | | |
|--|---|---|
| Central Libraries only (Program Code 41) | | |
| 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 |

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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 the 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 | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | 55,031 | 55,225 | 59,872 | 58,776 | 57,752 |
| Doctoral Universities I and II | 95,957 | 95,614 | 82,637 | 82,278 | 80,655 |
| Master's (Comprehensive) Universities & Colleges I | 55,275 | 54,176 | 68,341 | 66,317 | 65,162 |
| Baccalaureate Colleges: Arts & Sciences Focus | 3,105 | 3,295 | 3,489 | 3,553 | 3,517 |
| Baccalaureate Colleges: Diverse Fields | 1,822 | 1,663 | 1,554 | 1,298 | 1,292 |
| Schools of Art, Music, & Design | 1,059 | 1,075 | 1,040 | 998 | 1,026 |
| Grand Total | 212,249 | 211,048 | 216,933 | 213,220 | 209,404 |

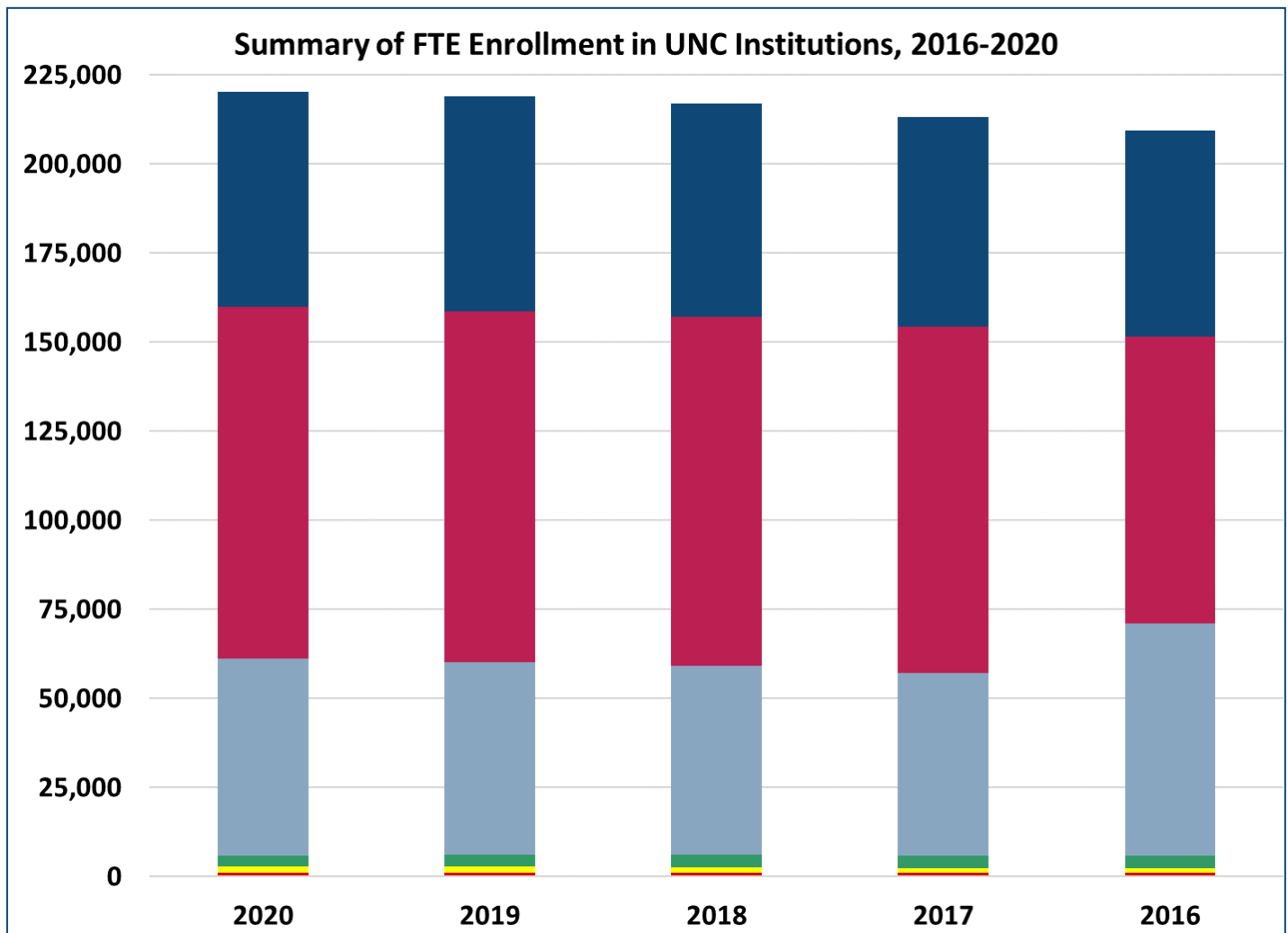


Table 12a. FTE Enrollments by Institution

| Institution | 2020 | | 2019 | 2018 | 2017 | 2016 |
|---|----------------|--------------|----------------|----------------|----------------|----------------|
| | On-Campus | Total | On-Campus | On-Campus | On-Campus | On-Campus |
| Research Universities I | | | | | | |
| NC State | 31,872 | - | 32,121 | 31,513 | 30,552 | 29,838 |
| NC State Veterinary Med | 399 | - | 398 | 400 | 402 | 393 |
| UNC-Chapel Hill | 23,159 | - | 23,104 | 23,326 | 23,207 | 22,971 |
| UNC-Chapel Hill Hlth Aff. | 4,859 | - | 4,752 | 4,633 | 4,615 | 4,550 |
| Subtotal | 60,289 | - | 60,375 | 59,872 | 58,776 | 57,752 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 22,786 | - | 22,701 | 22,958 | 23,483 | 23,364 |
| East Carolina Hlth Aff. | 2,771 | - | 2,744 | 2,754 | 2,747 | 2,674 |
| N.C. A&T | 11,897 | - | 11,765 | 11,346 | 11,112 | 10,457 |
| UNC Charlotte | 27,579 | - | 27,167 | 27,340 | 26,783 | 26,275 |
| UNC Greensboro | 17,764 | - | 18,184 | 18,239 | 18,153 | 17,885 |
| UNC Wilmington | 15,931 | - | 15,797 | 15,157 | 15,065 | 14,463 |
| Subtotal | 98,728 | - | 98,358 | 97,794 | 97,343 | 95,118 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 19,188 | - | 18,572 | 18,394 | 18,099 | 17,571 |
| Fayetteville | 5,626 | - | 5,567 | 5,431 | 5,345 | 5,431 |
| NCCU | 7,343 | - | 7,291 | 7,502 | 7,471 | 7,492 |
| UNC Pembroke | 7,211 | - | 6,856 | 6,354 | 5,555 | 5,584 |
| Western Carolina | 11,104 | - | 11,103 | 10,660 | 10,031 | 9,815 |
| Winston-Salem | 4,803 | - | 4,787 | 4,843 | 4,751 | 4,806 |
| Subtotal | 55,275 | - | 54,176 | 53,184 | 51,252 | 50,699 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 3,105 | - | 3,295 | 3,489 | 3,553 | 3,517 |
| Subtotal | 3,105 | - | 3,295 | 3,489 | 3,553 | 3,517 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 1,822 | - | 1,663 | 1,554 | 1,298 | 1,292 |
| Subtotal | 1,822 | - | 1,663 | 1,554 | 1,298 | 1,292 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 1,059 | (278) | 1,075 | 1,040 | 998 | 1,026 |
| Subtotal | 1,059 | (278) | 1,075 | 1,040 | 998 | 1,026 |
| Grand Total | 220,278 | (278) | 218,942 | 216,933 | 213,220 | 209,404 |

2020 UNCSA FTE enrollment including high school students is 1,337.

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Room Space Characteristics

Table 13. Net-to-Gross Ratio 37

Table 14. Summary Programs 39

 Table 14a. Instruction, Research, and Public Service Subprograms..... 43

 Table 14b. Academic Support Subprograms..... 47

 Table 14c. Student Service and Physical Plant Operations Subprograms 49

 Table 14d. Institutional Administrations, Independent Operations & Unassigned Subprograms 53

Table 15. Assignable Area by Room Code 57

Room Use Codes 61

Table 16. ASF per Student Stations for Classrooms..... 63

Table 17. ASF per Student Stations for Class Laboratories 65

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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 | 384,144 GSF |
| N. C. State University | 2,404,414 GSF |
| N.C. State Veterinary Medicine | 186,098 GSF |
| UNC Asheville | 136,854 GSF |
| UNC-Chapel Hill - Academic Affairs | 1,707,986 GSF |
| UNC-Chapel Hill - Health Affairs | 1,245,597 GSF |
| UNC Charlotte | 3,049,241 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 | 61.8% |
| N.C. State University | 65.3% |
| N.C. State Veterinary Medicine | 64.3% |
| UNC Asheville | 62.3% |
| UNC-Chapel Hill Health Affairs | 63.3% |
| UNC-Chapel Hill - Academic Affairs | 60.6% |
| UNC Charlotte | 56.5% |
| UNC Greensboro | 58.6% |
| UNC Wilmington | 68.5% |

Table 13 Net-to-Gross Ratio

| | | Assignable | Net-to-Gross % | | | | |
|--|---------------|------------|----------------|------|------|------|------|
| Institution | Gross Sq. Ft. | Sq. Ft. | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | |
| NC State | 16,735,185 | 9,353,620 | 55.9 | 55.6 | 55.4 | 55.5 | 55.5 |
| NC State Veterinary Med | 908,277 | 464,069 | 51.1 | 51.1 | 50.5 | 50.3 | 49.7 |
| UNC-Chapel Hill | 13,445,549 | 7,431,949 | 55.3 | 54.9 | 55.1 | 55.2 | 54.9 |
| UNC-Chapel Hill Hlth Aff. | 6,902,797 | 2,568,650 | 37.2 | 38.0 | 38.1 | 38.3 | 40.1 |
| Subtotal | 37,991,808 | 19,818,288 | 52.2 | 52.0 | 52.0 | 52.1 | 52.4 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 5,839,733 | 3,478,978 | 59.6 | 59.5 | 64.5 | 65.2 | 66.3 |
| East Carolina Hlth Aff. | 1,915,666 | 1,086,016 | 56.7 | 56.7 | 61.4 | 61.3 | 58.1 |
| N.C. A&T | 3,404,024 | 2,359,182 | 69.3 | 69.3 | 69.2 | 69.8 | 69.7 |
| UNC Charlotte | 9,895,743 | 4,083,322 | 41.3 | 40.8 | 41.7 | 42.0 | 40.5 |
| UNC Greensboro | 6,669,240 | 3,388,107 | 50.8 | 50.9 | 50.7 | 50.7 | 49.4 |
| UNC Wilmington | 4,769,221 | 2,760,536 | 57.9 | 63.2 | 63.4 | 62.5 | 58.5 |
| Subtotal | 32,493,627 | 17,156,141 | 52.8 | 53.3 | 54.7 | 54.6 | 53.5 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 5,084,379 | 2,902,433 | 57.1 | 56.7 | 56.4 | 56.5 | 56.6 |
| Fayetteville | 1,472,197 | 919,639 | 62.5 | 62.5 | 62.5 | 61.1 | 61.1 |
| NCCU | 2,194,489 | 1,404,771 | 64.0 | 64.0 | 64.7 | 64.8 | 64.8 |
| UNC Pembroke | 1,803,081 | 1,170,530 | 64.9 | 67.0 | 65.9 | 65.9 | 66.0 |
| Western Carolina | 3,480,410 | 2,205,786 | 63.4 | 63.2 | 63.4 | 63.8 | 64.1 |
| Winston-Salem | 2,003,023 | 1,284,309 | 64.1 | 64.8 | 64.6 | 64.7 | 64.7 |
| Subtotal | 16,037,579 | 9,887,468 | 61.7 | 61.8 | 61.7 | 61.7 | 61.9 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 1,643,696 | 939,281 | 57.1 | 57.7 | 57.7 | 57.4 | 57.7 |
| Subtotal | 1,643,696 | 939,281 | 57.1 | 57.7 | 57.7 | 57.4 | 57.7 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 1,301,088 | 864,764 | 66.5 | 66.5 | 66.5 | 66.5 | 67.2 |
| Subtotal | 1,301,088 | 864,764 | 66.5 | 66.5 | 66.5 | 66.5 | 67.2 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 1,212,554 | 843,788 | 69.6 | 67.7 | 67.7 | 67.4 | 68.7 |
| Subtotal | 1,212,554 | 843,788 | 69.6 | 67.7 | 67.7 | 67.4 | 68.7 |
| 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 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| Grand Total | 93,179,601 | 50,868,033 | 54.6 | 54.7 | 55.1 | 62.0 | 55.0 |

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 are 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 |
|---|-----------------------|----------------|----------------|----------------------|---------------------------|
| Research Universities I | | | | | |
| NC State | 9,353,620 | 18.9 | 27.7 | 4.8 | 6.3 |
| NC State Veterinary Med | 464,069 | 21.1 | 34.7 | 28.5 | 7.0 |
| UNC-Chapel Hill | 7,431,949 | 23.0 | 7.5 | 0.6 | 10.9 |
| UNC-Chapel Hill Hlth Aff. | 2,568,650 | 22.6 | 49.8 | 10.9 | 7.9 |
| Subtotal | 19,818,288 | 21.0 | 23.2 | 4.6 | 8.3 |
| Doctoral Universities I & II | | | | | |
| East Carolina | 3,478,978 | 29.0 | 3.1 | 0.3 | 6.2 |
| East Carolina Hlth Aff. | 1,086,016 | 20.5 | 17.6 | 47.7 | 9.0 |
| N.C. A&T | 2,359,182 | 31.0 | 7.6 | 1.0 | 12.9 |
| UNC Charlotte | 4,083,322 | 21.4 | 7.1 | 1.5 | 10.3 |
| UNC Greensboro | 3,388,107 | 20.7 | 5.5 | 0.2 | 8.7 |
| UNC Wilmington | 2,760,536 | 21.9 | 4.5 | 1.0 | 9.0 |
| Subtotal | 17,156,141 | 24.2 | 6.3 | 3.8 | 9.2 |
| Master's (Comprehensive) Universities & Colleges I | | | | | |
| Appalachian | 2,902,433 | 30.3 | 0.6 | 2.6 | 5.3 |
| Fayetteville | 919,639 | 28.1 | 1.0 | 0.1 | 10.5 |
| NCCU | 1,404,771 | 37.8 | 2.3 | 0.6 | 7.9 |
| UNC Pembroke | 1,170,530 | 26.8 | 0.0 | 0.0 | 10.1 |
| Western Carolina | 2,205,786 | 21.6 | 1.4 | 0.2 | 9.1 |
| Winston-Salem | 1,284,309 | 24.1 | 2.6 | 0.3 | 7.5 |
| Subtotal | 9,887,468 | 28.0 | 1.3 | 1.0 | 7.9 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | |
| UNC Asheville | 939,281 | 22.0 | 1.4 | 1.1 | 8.8 |
| Subtotal | 939,281 | 22.0 | 1.4 | 1.1 | 8.8 |
| Baccalaureate Colleges: Diverse Fields | | | | | |
| Elizabeth City | 864,764 | 30.4 | 0.3 | 2.2 | 5.3 |
| Subtotal | 864,764 | 30.4 | 0.3 | 2.2 | 5.3 |
| Schools of Art, Music, & Design | | | | | |
| UNC School of the Arts | 843,788 | 39.1 | 0.0 | 3.0 | 8.4 |
| Subtotal | 843,788 | 39.1 | 0.0 | 3.0 | 8.4 |
| Teaching Hospitals | | | | | |
| UNC Hospitals | 1,358,303 | 1.0 | 0.5 | 81.8 | 0.0 |
| Subtotal | 1,358,303 | 1.0 | 0.5 | 81.8 | 0.0 |
| Grand Total | 50,868,033 | 23.5 | 11.5 | 5.5 | 8.3 |

**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 |
|---|---------------------------|--------------------|----------------------|--------------------|------------------|
| Research Universities I | | | | | |
| NC State | 31.2 | 5.4 | 1.5 | 1.5 | 2.8 |
| NC State Veterinary Med | 1.4 | 1.3 | 4.4 | 0.7 | 1.1 |
| UNC-Chapel Hill | 45.6 | 5.8 | 2.9 | 0.8 | 2.9 |
| UNC-Chapel Hill Hlth Aff. | 0.3 | 2.7 | 0.2 | 2.1 | 3.5 |
| Subtotal | 31.9 | 5.1 | 1.9 | 1.3 | 2.9 |
| Doctoral Universities I & II | | | | | |
| East Carolina | 45.9 | 7.3 | 2.5 | 1.5 | 4.3 |
| East Carolina Hlth Aff. | 0.1 | 2.7 | 2.3 | 0.0 | 0.0 |
| N.C. A&T | 33.6 | 11.3 | 1.3 | 0.9 | 0.3 |
| UNC Charlotte | 50.9 | 4.6 | 1.6 | 0.0 | 2.5 |
| UNC Greensboro | 53.2 | 7.7 | 2.3 | 1.5 | 0.2 |
| UNC Wilmington | 56.0 | 4.5 | 0.7 | 1.9 | 0.4 |
| Subtotal | 45.6 | 6.6 | 1.8 | 1.0 | 1.6 |
| Master's (Comprehensive) Universities & Colleges I | | | | | |
| Appalachian | 52.1 | 4.7 | 1.6 | 0.3 | 2.4 |
| Fayetteville | 41.1 | 4.6 | 1.4 | 1.3 | 11.9 |
| NCCU | 37.5 | 6.3 | 0.6 | 1.3 | 5.7 |
| UNC Pembroke | 51.7 | 9.4 | 1.7 | 0.0 | 0.2 |
| Western Carolina | 55.0 | 6.7 | 2.7 | 1.3 | 1.9 |
| Winston-Salem | 54.0 | 6.9 | 1.7 | 0.7 | 2.1 |
| Subtotal | 49.9 | 6.2 | 1.7 | 0.8 | 3.3 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | |
| UNC Asheville | 54.5 | 4.9 | 4.5 | 1.2 | 1.4 |
| Subtotal | 54.5 | 4.9 | 4.5 | 1.2 | 1.4 |
| Baccalaureate Colleges: Diverse Fields | | | | | |
| Elizabeth City | 46.1 | 5.1 | 0.9 | 0.0 | 9.6 |
| Subtotal | 46.1 | 5.1 | 0.9 | 0.0 | 9.6 |
| Schools of Art, Music, & Design | | | | | |
| UNC School of the Arts | 30.1 | 11.1 | 2.6 | 0.3 | 5.4 |
| Subtotal | 30.1 | 11.1 | 2.6 | 0.3 | 5.4 |
| Teaching Hospitals | | | | | |
| UNC Hospitals | 0.0 | 10.8 | 1.8 | 1.0 | 3.1 |
| Subtotal | 0.0 | 10.8 | 1.8 | 1.0 | 3.1 |
| Grand Total | 39.5 | 6.1 | 1.9 | 1.1 | 2.6 |

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 |
|---|------------------------------------|--|--|-----------------------|--|--------------------------------|--------------------------|
| Research Universities I | | | | | | | |
| NC State | 18.7 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| NC State Veterinary Med | 21.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNC-Chapel Hill | 22.2 | 0.0 | 0.0 | 0.5 | 0.3 | 0.0 | 0.0 |
| UNC-Chapel Hill Hlth Aff. | 22.3 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 |
| Subtotal | 20.6 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 29.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| East Carolina Hlth Aff. | 20.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| N.C. A&T | 31.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNC Charlotte | 21.3 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| UNC Greensboro | 20.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNC Wilmington | 21.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Subtotal | 24.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 30.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fayetteville | 27.8 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| NCCU | 37.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| UNC Pembroke | 25.7 | 0.0 | 0.5 | 0.6 | 0.1 | 0.0 | 0.0 |
| Western Carolina | 21.3 | 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 | 27.7 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 21.6 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| Subtotal | 21.6 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 30.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| Subtotal | 30.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 39.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Subtotal | 39.1 | 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 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| Grand Total | 23.1 | 0.0 | 0.0 | 0.2 | 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 | Broad- casting Services 35 |
|---|--|---|--|---------------------------------|----------------------------------|-----------------------------|--|-------------------------------------|
| Research Universities I | | | | | | | | |
| NC State | 0.0 | 7.3 | 20.3 | 0.0 | 0.0 | 2.0 | 2.8 | 0.0 |
| NC State Veterinary Med | 0.0 | 0.0 | 34.7 | 16.8 | 11.6 | 0.0 | 0.1 | 0.0 |
| UNC-Chapel Hill | 0.0 | 0.6 | 6.9 | 0.0 | 0.1 | 0.4 | 0.0 | 0.1 |
| UNC-Chapel Hill Hlth Aff. | 0.0 | 1.8 | 47.9 | 4.9 | 5.5 | 0.5 | 0.0 | 0.0 |
| Subtotal | 0.0 | 3.9 | 19.2 | 1.0 | 1.0 | 1.1 | 1.3 | 0.0 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 0.0 | 1.0 | 2.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 |
| East Carolina Hlth Aff. | 0.0 | 0.6 | 17.0 | 29.6 | 17.5 | 0.6 | 0.0 | 0.0 |
| N.C. A&T | 0.0 | 2.3 | 5.3 | 0.0 | 0.0 | 0.3 | 0.7 | 0.1 |
| UNC Charlotte | 0.0 | 2.5 | 4.6 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 |
| UNC Greensboro | 0.0 | 0.0 | 5.5 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |
| UNC Wilmington | 0.0 | 4.1 | 0.3 | 0.0 | 0.2 | 0.8 | 0.0 | 0.0 |
| Subtotal | 0.0 | 1.8 | 4.5 | 1.9 | 1.2 | 0.6 | 0.1 | 0.0 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 0.0 | 0.1 | 0.4 | 0.4 | 0.0 | 2.2 | 0.0 | 0.0 |
| Fayetteville | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| NCCU | 0.0 | 1.4 | 1.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.4 |
| UNC Pembroke | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Western Carolina | 0.1 | 0.7 | 0.7 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| Winston-Salem | 0.0 | 1.1 | 1.5 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 |
| Subtotal | 0.0 | 0.5 | 0.7 | 0.1 | 0.0 | 0.8 | 0.0 | 0.1 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 0.1 | 0.3 | 1.1 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 |
| Subtotal | 0.1 | 0.3 | 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 | 1.8 | 0.0 | 0.3 |
| Subtotal | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 1.8 | 0.0 | 0.3 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Subtotal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 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 | 0.0 | 0.0 | 0.5 | 33.4 | 48.4 | 0.0 | 0.0 | 0.0 |
| Grand Total | 0.0 | 2.3 | 9.2 | 2.0 | 2.1 | 0.9 | 0.6 | 0.0 |

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 |
|---|------------------------------------|---|--|--|-------------------------------------|-----------------------------------|--|---|
| Research Universities I | | | | | | | | |
| NC State | 3.4 | 0.2 | 0.5 | 0.5 | 0.0 | 1.7 | 0.0 | 0.0 |
| NC State Veterinary Med | 2.6 | 0.0 | 0.3 | 0.3 | 0.0 | 3.7 | 0.0 | 0.0 |
| UNC-Chapel Hill | 8.4 | 0.5 | 0.1 | 0.4 | 0.1 | 1.4 | 0.0 | 0.2 |
| UNC-Chapel Hill Hlth Aff. | 2.2 | 0.0 | 0.0 | 0.1 | 1.2 | 4.4 | 0.0 | 0.0 |
| Subtotal | 5.1 | 0.3 | 0.2 | 0.4 | 0.2 | 1.9 | 0.0 | 0.1 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 5.0 | 0.2 | 0.1 | 0.1 | 0.2 | 0.6 | 0.0 | 0.0 |
| East Carolina Hlth Aff. | 6.4 | 0.3 | 0.2 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 |
| N.C. A&T | 4.9 | 0.7 | 0.1 | 0.2 | 3.7 | 3.3 | 0.0 | 0.0 |
| UNC Charlotte | 5.1 | 0.2 | 0.3 | 0.5 | 0.0 | 4.3 | 0.0 | 0.0 |
| UNC Greensboro | 3.6 | 0.8 | 0.4 | 0.1 | 0.5 | 3.4 | 0.0 | 0.0 |
| UNC Wilmington | 4.0 | 0.2 | 0.0 | 0.4 | 0.0 | 4.3 | 0.0 | 0.0 |
| Subtotal | 4.7 | 0.4 | 0.2 | 0.2 | 0.6 | 3.1 | 0.0 | 0.0 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 3.6 | 0.0 | 0.0 | 0.4 | 0.1 | 1.1 | 0.1 | 0.0 |
| Fayetteville | 7.2 | 0.0 | 0.5 | 0.7 | 0.7 | 1.4 | 0.0 | 0.0 |
| NCCU | 4.5 | 0.3 | 0.1 | 0.4 | 0.6 | 1.9 | 0.0 | 0.2 |
| UNC Pembroke | 3.0 | 0.6 | 0.6 | 0.3 | 0.8 | 4.8 | 0.0 | 0.0 |
| Western Carolina | 5.4 | 0.8 | 0.1 | 0.1 | 0.6 | 2.0 | 0.0 | 0.2 |
| Winston-Salem | 3.4 | 0.9 | 0.2 | 0.4 | 0.1 | 2.5 | 0.0 | 0.0 |
| Subtotal | 4.4 | 0.4 | 0.2 | 0.3 | 0.4 | 2.1 | 0.0 | 0.1 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 6.7 | 0.0 | 0.6 | 0.9 | 0.5 | 0.2 | 0.0 | 0.1 |
| Subtotal | 6.7 | 0.0 | 0.6 | 0.9 | 0.5 | 0.2 | 0.0 | 0.1 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 4.1 | 0.1 | 0.0 | 0.4 | 0.4 | 0.3 | 0.0 | 0.0 |
| Subtotal | 4.1 | 0.1 | 0.0 | 0.4 | 0.4 | 0.3 | 0.0 | 0.0 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | 6.6 | 0.1 | 0.0 | 0.0 | 0.1 | 1.5 | 0.0 | 0.0 |
| Subtotal | 6.6 | 0.1 | 0.0 | 0.0 | 0.1 | 1.5 | 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Grand Total | 4.7 | 0.3 | 0.2 | 0.3 | 0.4 | 2.2 | 0.0 | 0.1 |

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% 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 |
|---|-----------------------------|---------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|
| Research Universities I | | | | | | |
| NC State | 0.3 | 1.9 | 0.3 | 0.1 | 22.9 | 5.1 |
| NC State Veterinary Med | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 |
| UNC-Chapel Hill | 0.6 | 2.9 | 0.3 | 0.1 | 31.2 | 10.0 |
| UNC-Chapel Hill Hlth Aff. | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| Subtotal | 0.4 | 2.0 | 0.2 | 0.1 | 22.6 | 6.2 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 1.6 | 8.1 | 0.1 | 0.1 | 30.3 | 5.2 |
| East Carolina Hlth Aff. | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| N.C. A&T | 0.3 | 4.3 | 0.5 | 0.2 | 24.2 | 3.4 |
| UNC Charlotte | 0.6 | 8.8 | 0.5 | 0.1 | 38.1 | 2.5 |
| UNC Greensboro | 0.1 | 5.2 | 0.3 | 0.1 | 44.2 | 2.7 |
| UNC Wilmington | 0.7 | 7.0 | 0.2 | 0.0 | 43.2 | 4.4 |
| Subtotal | 0.6 | 6.5 | 0.3 | 0.1 | 34.2 | 3.4 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 0.1 | 10.7 | 0.3 | 0.2 | 36.2 | 4.1 |
| Fayetteville | 0.7 | 6.8 | 0.5 | 0.0 | 29.3 | 3.3 |
| NCCU | 0.6 | 3.6 | 0.8 | 0.3 | 29.1 | 2.8 |
| UNC Pembroke | 0.6 | 4.1 | 0.2 | 0.2 | 43.6 | 2.5 |
| Western Carolina | 0.3 | 9.3 | 0.6 | 0.1 | 41.5 | 3.0 |
| Winston-Salem | 1.4 | 7.6 | 0.3 | 0.1 | 41.1 | 3.1 |
| Subtotal | 0.5 | 7.8 | 0.5 | 0.2 | 37.2 | 3.3 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0.1 | 8.7 | 0.3 | 0.2 | 37.5 | 7.1 |
| Subtotal | 0.1 | 8.7 | 0.3 | 0.2 | 37.5 | 7.1 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 0.5 | 5.2 | 0.5 | 0.2 | 37.7 | 1.7 |
| Subtotal | 0.5 | 5.2 | 0.5 | 0.2 | 37.7 | 1.7 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 0.0 | 8.7 | 0.2 | 0.3 | 20.4 | 0.0 |
| Subtotal | 0.0 | 8.7 | 0.2 | 0.3 | 20.4 | 0.0 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Subtotal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Grand Total | 0.5 | 4.9 | 0.3 | 0.1 | 29.2 | 4.3 |

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 |
|---|-----------------------------------|-----------------------------|--------------------|--------------------|-----------------|------------------------------------|
| Research Universities I | | | | | | |
| NC State | 0.5 | 0.1 | 0.3 | 0.1 | 0.3 | 0.5 |
| NC State Veterinary Med | 0.0 | 0.0 | 2.0 | 0.2 | 0.9 | 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 | 0.4 | 0.1 | 0.4 | 0.2 | 0.6 | 0.5 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 0.4 | 0.3 | 1.4 | 0.1 | 0.0 | 0.4 |
| East Carolina Hlth Aff. | 0.0 | 0.0 | 0.0 | 0.1 | 1.8 | 0.5 |
| N.C. A&T | 0.8 | 0.3 | 0.8 | 0.0 | 0.2 | 0.0 |
| UNC Charlotte | 0.5 | 0.2 | 1.2 | 0.1 | 0.1 | 0.0 |
| UNC Greensboro | 0.7 | 0.1 | 0.8 | 0.0 | 0.7 | 0.5 |
| UNC Wilmington | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 |
| Subtotal | 0.5 | 0.2 | 0.9 | 0.1 | 0.3 | 0.2 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 0.5 | 0.5 | 0.9 | 0.1 | 0.2 | 0.0 |
| Fayetteville | 0.5 | 0.3 | 0.2 | 0.1 | 0.2 | 0.5 |
| NCCU | 0.3 | 0.2 | 0.4 | 0.0 | 0.0 | 0.1 |
| UNC Pembroke | 0.5 | 0.6 | 0.6 | 0.2 | 0.2 | 0.1 |
| Western Carolina | 0.3 | 2.1 | 0.4 | 0.0 | 0.1 | 0.1 |
| Winston-Salem | 0.4 | 0.9 | 0.3 | 0.3 | 0.1 | 0.1 |
| Subtotal | 0.4 | 0.8 | 0.5 | 0.1 | 0.1 | 0.1 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0.7 | 0.0 | 2.1 | 0.2 | 2.1 | 0.0 |
| Subtotal | 0.7 | 0.0 | 2.1 | 0.2 | 2.1 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 0.3 | 0.5 | 0.4 | 0.0 | 0.1 | 0.0 |
| Subtotal | 0.3 | 0.5 | 0.4 | 0.0 | 0.1 | 0.0 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 0.5 | 0.5 | 1.1 | 0.2 | 0.0 | 0.7 |
| Subtotal | 0.5 | 0.5 | 1.1 | 0.2 | 0.0 | 0.7 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 0.0 | 0.0 | 1.4 | 0.5 | 0.0 | 0.0 |
| Subtotal | 0.0 | 0.0 | 1.4 | 0.5 | 0.0 | 0.0 |
| Grand Total | 0.4 | 0.3 | 0.7 | 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 |
| Research Universities I | | | | | | | | |
| NC State | 0.4 | 0.2 | 2.1 | 1.0 | 0.8 | 0.7 | 0.1 | 0.0 |
| NC State Veterinary Med | 0.0 | 0.5 | 0.3 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 |
| UNC-Chapel Hill | 0.4 | 0.6 | 2.1 | 1.3 | 0.3 | 0.9 | 0.2 | 0.0 |
| UNC-Chapel Hill Hlth Aff. | 0.0 | 0.8 | 1.7 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| Subtotal | 0.3 | 0.4 | 2.0 | 1.0 | 0.5 | 0.7 | 0.1 | 0.0 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 1.5 | 2.2 | 1.8 | 0.8 | 0.5 | 0.3 | 0.1 | 0.1 |
| East Carolina Hlth Aff. | 0.0 | 1.6 | 0.1 | 0.6 | 0.0 | 0.3 | 0.0 | 0.1 |
| N.C. A&T | 0.5 | 0.5 | 8.5 | 0.8 | 0.4 | 0.4 | 0.2 | 0.1 |
| UNC Charlotte | 0.5 | 0.5 | 1.4 | 0.5 | 0.3 | 1.1 | 0.3 | 0.1 |
| UNC Greensboro | 0.4 | 0.3 | 4.0 | 1.0 | 0.9 | 0.8 | 0.3 | 0.1 |
| UNC Wilmington | 0.6 | 0.2 | 2.1 | 0.6 | 0.1 | 0.3 | 0.3 | 0.3 |
| Subtotal | 0.7 | 0.8 | 3.0 | 0.7 | 0.4 | 0.6 | 0.2 | 0.1 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 0.3 | 0.4 | 2.0 | 0.3 | 0.5 | 0.6 | 0.3 | 0.2 |
| Fayetteville | 1.0 | 0.8 | 1.4 | 0.1 | 0.8 | 0.3 | 0.1 | 0.1 |
| NCCU | 0.7 | 0.5 | 2.8 | 0.7 | 0.8 | 0.4 | 0.3 | 0.1 |
| UNC Pembroke | 1.4 | 0.5 | 4.0 | 1.0 | 1.0 | 0.8 | 0.4 | 0.2 |
| Western Carolina | 0.5 | 0.4 | 0.7 | 0.8 | 2.9 | 0.8 | 0.3 | 0.3 |
| Winston-Salem | 0.7 | 1.0 | 2.3 | 0.5 | 1.7 | 0.5 | 0.2 | 0.1 |
| Subtotal | 0.7 | 0.5 | 2.1 | 0.6 | 1.3 | 0.6 | 0.3 | 0.2 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 1.3 | 0.5 | 0.8 | 0.0 | 0.9 | 0.8 | 0.5 | 0.2 |
| Subtotal | 1.3 | 0.5 | 0.8 | 0.0 | 0.9 | 0.8 | 0.5 | 0.2 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 0.7 | 0.5 | 1.3 | 0.9 | 1.2 | 0.2 | 0.2 | 0.2 |
| Subtotal | 0.7 | 0.5 | 1.3 | 0.9 | 1.2 | 0.2 | 0.2 | 0.2 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | 0.9 | 0.2 | 6.2 | 0.4 | 1.7 | 1.2 | 0.3 | 0.3 |
| Subtotal | 0.9 | 0.2 | 6.2 | 0.4 | 1.7 | 1.2 | 0.3 | 0.3 |
| Teaching Hospitals | | | | | | | | |
| UNC Hospitals | 0.6 | 3.7 | 4.3 | 1.6 | 0.5 | 0.1 | 0.0 | 0.0 |
| Subtotal | 0.6 | 3.7 | 4.3 | 1.6 | 0.5 | 0.1 | 0.0 | 0.0 |
| Grand Total | 0.5 | 0.7 | 2.5 | 0.8 | 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 |
| Research Universities I | | | | |
| NC State | 0.0 | 1.5 | 0.7 | 2.2 |
| NC State Veterinary Med | 0.0 | 0.7 | 1.1 | 0.0 |
| UNC-Chapel Hill | 0.3 | 0.5 | 2.3 | 0.6 |
| UNC-Chapel Hill Hlth Aff. | 1.0 | 1.1 | 3.2 | 0.3 |
| Subtotal | 0.3 | 1.0 | 1.6 | 1.3 |
| Doctoral Universities I & II | | | | |
| East Carolina | 0.0 | 1.5 | 0.1 | 4.2 |
| 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 | 0.6 | 1.9 |
| UNC Greensboro | 0.0 | 1.5 | 0.0 | 0.1 |
| UNC Wilmington | 0.5 | 1.4 | 0.1 | 0.3 |
| Subtotal | 0.1 | 0.9 | 0.2 | 1.4 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | 0.1 | 0.2 | 0.0 | 2.4 |
| Fayetteville | 0.3 | 1.0 | 4.6 | 7.3 |
| NCCU | 0.1 | 1.2 | 1.1 | 4.6 |
| UNC Pembroke | 0.0 | 0.0 | 0.2 | 0.0 |
| Western Carolina | 0.4 | 0.9 | 0.2 | 1.7 |
| Winston-Salem | 0.5 | 0.2 | 1.7 | 0.4 |
| Subtotal | 0.2 | 0.6 | 0.9 | 2.5 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 0.0 | 1.2 | 0.1 | 1.3 |
| Subtotal | 0.0 | 1.2 | 0.1 | 1.3 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 0.0 | 0.0 | 8.0 | 1.7 |
| Subtotal | 0.0 | 0.0 | 8.0 | 1.7 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 0.3 | 0.0 | 3.1 | 2.3 |
| Subtotal | 0.3 | 0.0 | 3.1 | 2.3 |
| Teaching Hospitals | | | | |
| UNC Hospitals | 0.0 | 1.0 | 0.7 | 2.3 |
| Subtotal | 0.0 | 1.0 | 0.7 | 2.3 |
| Grand Total | 0.2 | 0.9 | 1.1 | 1.6 |

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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 data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15.

| Room Use Codes | HEGIS Norm (%) | All UNC Institutions 2020 (%) |
|---------------------------|-------------------|-------------------------------------|
| Classroom (Series 100) | 8.0 | 4.7 |
| Laboratory (Series 200) | 14.5 | 12.8 |
| Office (Series 300) | 13.0 | 22.0 |
| Study (Series 400) | 6.8 | 5.2 |
| Special Use (Series 500) | 8.9 | 11.0 |
| General Use (Series 600) | 12.0 | 10.6 |
| Support (Series 700) | 6.5 | 4.5 |
| Health Care (Series 800) | 1.4 | 2.8 |
| Residential (Series 900) | 26.7 | 24.2 |
| Unclassified (Series 000) | 2.2 | 2.2 |

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 | % |
| Research Universities I | | | | | | | | | |
| NC State | 9,353,620 | 259,441 | 2.8 | 1,655,564 | 17.7 | 1,957,510 | 20.9 | 357,253 | 3.8 |
| NC State Veterinary Med | 464,069 | 7,757 | 1.7 | 102,237 | 22.0 | 97,009 | 20.9 | 10,739 | 2.3 |
| UNC-Chapel Hill | 7,431,949 | 268,744 | 3.6 | 611,065 | 8.2 | 1,696,392 | 22.8 | 633,657 | 8.5 |
| UNC-Chapel Hill Hlth Aff. | 2,568,650 | 89,030 | 3.5 | 815,653 | 31.8 | 1,074,769 | 41.8 | 51,551 | 2.0 |
| Subtotal | 19,818,288 | 624,972 | 3.2 | 3,184,519 | 16.1 | 4,825,680 | 24.3 | 1,053,200 | 5.3 |
| Doctoral Universities I & II | | | | | | | | | |
| East Carolina | 3,478,978 | 171,708 | 4.9 | 376,629 | 10.8 | 799,651 | 23.0 | 193,088 | 5.6 |
| East Carolina Hlth Aff. | 1,086,016 | 42,820 | 3.9 | 151,503 | 14.0 | 423,904 | 39.0 | 74,783 | 6.9 |
| N.C. A&T | 2,359,182 | 143,568 | 6.1 | 362,954 | 15.4 | 466,107 | 19.8 | 137,842 | 5.8 |
| UNC Charlotte | 4,083,322 | 249,023 | 6.1 | 536,632 | 13.1 | 945,862 | 23.2 | 229,639 | 5.6 |
| UNC Greensboro | 3,388,107 | 143,597 | 4.2 | 372,297 | 11.0 | 627,290 | 18.5 | 134,003 | 4.0 |
| UNC Wilmington | 2,760,536 | 182,664 | 6.6 | 285,857 | 10.4 | 501,799 | 18.2 | 142,074 | 5.1 |
| Subtotal | 17,156,141 | 933,380 | 5.4 | 2,085,872 | 12.2 | 3,764,613 | 21.9 | 911,429 | 5.3 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | |
| Appalachian | 2,902,433 | 188,726 | 6.5 | 281,177 | 9.7 | 576,766 | 19.9 | 104,102 | 3.6 |
| Fayetteville | 919,639 | 54,864 | 6.0 | 60,047 | 6.5 | 202,077 | 22.0 | 68,222 | 7.4 |
| NCCU | 1,404,771 | 125,660 | 8.9 | 146,171 | 10.4 | 309,940 | 22.1 | 103,940 | 7.4 |
| UNC Pembroke | 1,170,530 | 109,971 | 9.4 | 68,425 | 5.8 | 218,096 | 18.6 | 40,158 | 3.4 |
| Western Carolina | 2,205,786 | 96,739 | 4.4 | 192,521 | 8.7 | 330,532 | 15.0 | 135,227 | 6.1 |
| Winston-Salem | 1,284,309 | 86,812 | 6.8 | 115,958 | 9.0 | 231,021 | 18.0 | 58,950 | 4.6 |
| Subtotal | 9,887,468 | 662,772 | 6.7 | 864,299 | 8.7 | 1,868,432 | 18.9 | 510,599 | 5.2 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | |
| UNC Asheville | 939,281 | 44,966 | 4.8 | 99,628 | 10.6 | 154,153 | 16.4 | 66,983 | 7.1 |
| Subtotal | 939,281 | 44,966 | 4.8 | 99,628 | 10.6 | 154,153 | 16.4 | 66,983 | 7.1 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | |
| Elizabeth City | 864,764 | 70,711 | 8.2 | 66,849 | 7.7 | 117,493 | 13.6 | 38,667 | 4.5 |
| Subtotal | 864,764 | 70,711 | 8.2 | 66,849 | 7.7 | 117,493 | 13.6 | 38,667 | 4.5 |
| Schools of Art, Music, & Design | | | | | | | | | |
| UNC School of the Arts | 843,788 | 31,981 | 3.8 | 203,907 | 24.2 | 111,407 | 13.2 | 47,673 | 5.6 |
| Subtotal | 843,788 | 31,981 | 3.8 | 203,907 | 24.2 | 111,407 | 13.2 | 47,673 | 5.6 |
| 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 | 0.7 | 10,829 | 0.8 | 371,821 | 27.4 | 3,244 | 0.2 |
| Grand Total | 50,868,033 | 2,378,708 | 4.7 | 6,515,903 | 12.8 | 11,213,599 | 22.0 | 2,631,795 | 5.2 |

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 | % |
| Research Universities I | | | | | | | | |
| NC State | 1,735,983 | 18.6 | 784,782 | 8.4 | 437,089 | 4.7 | 29,709 | 0.3 |
| NC State Veterinary Med | 78,917 | 17.0 | 13,240 | 2.9 | 27,844 | 6.0 | 121,397 | 26.2 |
| UNC-Chapel Hill | 950,831 | 12.8 | 856,288 | 11.5 | 453,648 | 6.1 | 23,455 | 0.3 |
| UNC-Chapel Hill Hlth Aff. | 203,311 | 7.9 | 92,999 | 3.6 | 33,569 | 1.3 | 175,256 | 6.8 |
| Subtotal | 2,969,042 | 15.0 | 1,747,309 | 8.8 | 952,150 | 4.8 | 349,817 | 1.8 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 366,752 | 10.5 | 395,537 | 11.4 | 176,162 | 5.1 | 7,454 | 0.2 |
| East Carolina Hlth Aff. | 113,625 | 10.5 | 25,348 | 2.3 | 25,057 | 2.3 | 228,976 | 21.1 |
| N.C. A&T | 289,560 | 12.3 | 300,680 | 12.7 | 213,474 | 9.0 | 12,809 | 0.5 |
| UNC Charlotte | 222,122 | 5.4 | 472,722 | 11.6 | 65,008 | 1.6 | 8,696 | 0.2 |
| UNC Greensboro | 123,695 | 3.7 | 558,932 | 16.5 | 273,689 | 8.1 | 13,242 | 0.4 |
| UNC Wilmington | 245,628 | 8.9 | 242,005 | 8.8 | 80,869 | 2.9 | 14,137 | 0.5 |
| Subtotal | 1,361,382 | 7.9 | 1,995,224 | 11.6 | 834,259 | 4.9 | 285,314 | 1.7 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 386,659 | 13.3 | 373,012 | 12.9 | 84,067 | 2.9 | 11,733 | 0.4 |
| Fayetteville | 72,661 | 7.9 | 112,700 | 12.3 | 19,413 | 2.1 | 2,319 | 0.3 |
| NCCU | 126,492 | 9.0 | 159,813 | 11.4 | 25,663 | 1.8 | 2,805 | 0.2 |
| UNC Pembroke | 89,672 | 7.7 | 123,536 | 10.6 | 55,662 | 4.8 | 3,497 | 0.3 |
| Western Carolina | 209,981 | 9.5 | 313,046 | 14.2 | 63,770 | 2.9 | 3,246 | 0.1 |
| Winston-Salem | 107,068 | 8.3 | 151,950 | 11.8 | 43,083 | 3.4 | 4,228 | 0.3 |
| Subtotal | 992,533 | 10.0 | 1,234,057 | 12.5 | 291,658 | 2.9 | 27,828 | 0.3 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 107,638 | 11.5 | 110,238 | 11.7 | 43,026 | 4.6 | 3,088 | 0.3 |
| Subtotal | 107,638 | 11.5 | 110,238 | 11.7 | 43,026 | 4.6 | 3,088 | 0.3 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 91,449 | 10.6 | 98,473 | 11.4 | 16,713 | 1.9 | 1,574 | 0.2 |
| Subtotal | 91,449 | 10.6 | 98,473 | 11.4 | 16,713 | 1.9 | 1,574 | 0.2 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | 23,768 | 2.8 | 135,996 | 16.1 | 82,629 | 9.8 | 3,073 | 0.4 |
| Subtotal | 23,768 | 2.8 | 135,996 | 16.1 | 82,629 | 9.8 | 3,073 | 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 | 2.4 | 62,294 | 4.6 | 85,493 | 6.3 | 736,525 | 54.2 |
| Grand Total | 5,578,305 | 11.0 | 5,383,591 | 10.6 | 2,305,928 | 4.5 | 1,407,219 | 2.8 |

Table 15. (Continued) Assignable Area by Room Codes

| Institution | Residential Facilities 900 | | Unclassified Facilities 000 | |
|---|----------------------------------|-------------|-----------------------------------|------------|
| | ASF | % | ASF | % |
| Research Universities I | | | | |
| NC State | 1,877,995 | 20.1 | 258,294 | 2.8 |
| NC State Veterinary Med | 0 | 0.0 | 4,929 | 1.1 |
| UNC-Chapel Hill | 1,830,777 | 24.6 | 107,092 | 1.4 |
| UNC-Chapel Hill Hlth Aff. | 431 | 0.0 | 32,081 | 1.2 |
| Subtotal | 3,709,203 | 18.7 | 402,396 | 2.0 |
| Doctoral Universities I & II | | | | |
| East Carolina | 844,622 | 24.3 | 147,375 | 4.2 |
| East Carolina Hlth Aff. | 0 | 0.0 | 0 | 0.0 |
| N.C. A&T | 425,339 | 18.0 | 6,849 | 0.3 |
| UNC Charlotte | 1,258,957 | 30.8 | 94,661 | 2.3 |
| UNC Greensboro | 1,137,190 | 33.6 | 4,172 | 0.1 |
| UNC Wilmington | 1,053,623 | 38.2 | 11,880 | 0.4 |
| Subtotal | 4,719,731 | 27.5 | 264,937 | 1.5 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | 827,592 | 28.5 | 68,599 | 2.4 |
| Fayetteville | 220,894 | 24.0 | 106,442 | 11.6 |
| NCCU | 324,984 | 23.1 | 79,303 | 5.6 |
| UNC Pembroke | 461,513 | 39.4 | 0 | 0.0 |
| Western Carolina | 818,267 | 37.1 | 42,457 | 1.9 |
| Winston-Salem | 469,099 | 36.5 | 16,140 | 1.3 |
| Subtotal | 3,122,349 | 31.6 | 312,941 | 3.2 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 296,237 | 31.5 | 13,324 | 1.4 |
| Subtotal | 296,237 | 31.5 | 13,324 | 1.4 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 303,357 | 35.1 | 59,478 | 6.9 |
| Subtotal | 303,357 | 35.1 | 59,478 | 6.9 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 159,301 | 18.9 | 44,053 | 5.2 |
| Subtotal | 159,301 | 18.9 | 44,053 | 5.2 |
| Teaching Hospitals | | | | |
| UNC Hospitals | 3,785 | 0.3 | 41,893 | 3.1 |
| Subtotal | 3,785 | 0.3 | 41,893 | 3.1 |
| Grand Total | 12,313,963 | 24.2 | 1,139,022 | 2.2 |

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

950X Apartment Equipped for Mobility
Impaired

955 Apartment Service

970 House

000 Unclassified Facilities

10 Elevator

11 Men's Toilet Equipped for
Mobility Impaired

12 Women's Toilet Equipped for
Mobility Impaired

13 Unisex Toilet Equipped for
Mobility Impaired

050 Inactive Area

060 Alteration or Conversion Area

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 | | | | |
|--|-----------------|-------------------------|-----------------------|--------------------------|-----------------------------|------|--------|------|------|
| | | | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | | |
| NC State | 230 | 14,347 | 62 | 247,459 | 17 | 17 | 17.345 | 17 | 17 |
| NC State Veterinary Med | 5 | 401 | 80 | 7,343 | 18 | 18 | 18.312 | 18 | 18 |
| UNC-Chapel Hill | 276 | 6,575 | 24 | 255,815 | 39 | 18 | 17.565 | 17 | 17 |
| UNC-Chapel Hill Hlth Aff. | 97 | 4,384 | 45 | 86,664 | 20 | 18 | 18.4 | 18 | 18 |
| Subtotal | 608 | 25,707 | 42 | 597,281 | 23 | 18 | 18 | 17 | 17 |
| Doctoral Universities I & II | | | | | | | | | |
| East Carolina | 180 | 9,396 | 52 | 164,483 | 18 | 17 | 17.569 | 18 | 17 |
| East Carolina Hlth Aff. | 41 | 2,138 | 52 | 41,543 | 19 | 19 | 19.343 | 19 | 20 |
| N.C. A&T | 152 | 6,997 | 46 | 137,354 | 20 | 20 | 19.63 | 20 | 20 |
| UNC Charlotte | 233 | 11,245 | 48 | 241,407 | 21 | 18 | 18.173 | 19 | 18 |
| UNC Greensboro | 135 | 3,222 | 24 | 137,336 | 43 | 17 | 17.028 | 17 | 17 |
| UNC Wilmington | 163 | 3,623 | 22 | 158,192 | 44 | 21 | 20.768 | 20 | 26 |
| Subtotal | 904 | 36,621 | 41 | 880,315 | 24 | 18 | 18 | 18 | 18 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | |
| Appalachian | 214 | 3,515 | 16 | 181,733 | 52 | 20 | 20.057 | 20 | 20 |
| Fayetteville | 63 | 2,516 | 40 | 50,361 | 20 | 20 | 20.146 | 20 | 20 |
| NCCU | 152 | 6,397 | 42 | 119,498 | 19 | 19 | 18.68 | 19 | 19 |
| UNC Pembroke | 129 | 4,963 | 38 | 106,450 | 21 | 22 | 23.171 | 23 | 23 |
| Western Carolina | 104 | 1,709 | 16 | 90,425 | 53 | 20 | 20.357 | 20 | 21 |
| Winston-Salem | 93 | 4,002 | 43 | 83,853 | 21 | 20 | 19.901 | 20 | 20 |
| Subtotal | 755 | 23,102 | 31 | 632,320 | 27 | 20 | 20 | 20 | 21 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | |
| UNC Asheville | 56 | 1,031 | 18 | 43,601 | 42 | 22 | 21.719 | 21 | 21 |
| Subtotal | 56 | 1,031 | 18 | 43,601 | 42 | 22 | 22 | 21 | 21 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | |
| Elizabeth City | 81 | 2,998 | 37 | 64,221 | 21 | 21 | 21.421 | 21 | 21 |
| Subtotal | 81 | 2,998 | 37 | 64,221 | 21 | 21 | 21 | 21 | 21 |
| Schools of Art, Music, & Design | | | | | | | | | |
| UNC School of the Arts | 52 | 1,193 | 23 | 31,564 | 26 | 26 | 26.209 | 26 | 26 |
| Subtotal | 52 | 1,193 | 23 | 31,564 | 26 | 26 | 26 | 26 | 26 |
| Grand Total | 2,456 | 90,652 | 37 | 2,249,302 | 25 | 19 | 19 | 19 | 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 do 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 | Ave. Stu Sta Per Room | Assignable Sq. Ft. | Sq. Ft. Per Student Station | | | | |
|--|--------------|-------------------------|-----------------------|--------------------|-----------------------------|------|------|------|------|
| | | | | | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | | | |
| NC State | 234 | 6,483 | 28 | 263,764 | 41 | 40 | 41 | 42 | 41 |
| NC State Veterinary Med | 8 | 236 | 30 | 11,184 | 47 | 47 | 48 | 48 | 48 |
| UNC-Chapel Hill | 95 | 2,675 | 28 | 89,387 | 33 | 34 | 34 | 33 | 33 |
| UNC-Chapel Hill Hlth Aff. | 67 | 835 | 12 | 38,194 | 46 | 41 | 41 | 40 | 40 |
| Subtotal | 404 | 10,229 | 25 | 402,529 | 39 | 39 | 39 | 39 | 39 |
| Doctoral Universities I & II | | | | | | | | | |
| East Carolina | 169 | 4,531 | 27 | 162,533 | 36 | 36 | 36 | 36 | 36 |
| East Carolina Hlth Aff. | - | - | - | - | - | - | 43 | 42 | 42 |
| N.C. A&T | 99 | 2,370 | 24 | 95,207 | 40 | 40 | 40 | 40 | 40 |
| UNC Charlotte | 143 | 2,746 | 19 | 167,594 | 61 | 41 | 38 | 41 | 40 |
| UNC Greensboro | 99 | 1,886 | 19 | 134,161 | 71 | 49 | 38 | 48 | 48 |
| UNC Wilmington | 92 | 1,413 | 15 | 90,306 | 64 | 37 | 39 | 40 | 38 |
| Subtotal | 602 | 12,946 | 22 | 649,801 | 50 | 40 | 38 | 41 | 40 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | | |
| Appalachian | 137 | 2,010 | 15 | 135,964 | 68 | 45 | 44 | 44 | 44 |
| Fayetteville | 34 | 940 | 28 | 35,737 | 38 | 38 | 37 | 37 | 37 |
| NCCU | 65 | 1,387 | 21 | 59,580 | 43 | 43 | 43 | 43 | 43 |
| UNC Pembroke | 44 | 1,426 | 32 | 42,096 | 30 | 40 | 42 | 42 | 42 |
| Western Carolina | 86 | 1,750 | 20 | 96,744 | 55 | 42 | 43 | 44 | 44 |
| Winston-Salem | 79 | 1,581 | 20 | 70,691 | 45 | 37 | 36 | 36 | 36 |
| Subtotal | 445 | 9,094 | 20 | 440,812 | 48 | 42 | 41 | 41 | 41 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | | |
| UNC Asheville | 20 | 348 | 17 | 16,776 | 48 | 52 | 52 | 55 | 41 |
| Subtotal | 20 | 348 | 17 | 16,776 | 48 | 52 | 52 | 55 | 41 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | | |
| Elizabeth City | 64 | 1,416 | 22 | 49,386 | 35 | 35 | 35 | 35 | 34 |
| Subtotal | 64 | 1,416 | 22 | 49,386 | 35 | 35 | 35 | 35 | 34 |
| Schools of Art, Music, & Design | | | | | | | | | |
| UNC School of the Arts | 76 | 1,938 | 26 | 84,924 | 44 | 44 | 44 | 43 | 43 |
| Subtotal | 76 | 1,938 | 26 | 84,924 | 44 | 44 | 44 | 43 | 43 |
| Grand Total | 1,611 | 35,971 | 22 | 1,644,228 | 46 | 40 | 40 | 41 | 40 |

Building Characteristics

Table 18. Ownership of Buildings 69

Tables 19 & 20. Capital Investment in Buildings..... 73

Table 21. Age of Buildings 77

Table 22. Condition of Buildings 81

Table 23. Estimated Cost to Renovate and Replace Unsatisfactory Facilities 85

Table 24. Accessible Area as a Percentage of Assignable 89

Table 25. Accessible Area by Summary Programs and Subprograms..... 91

 Table 25a. Accessible Area by Instruction, Research, and Public Service Subprograms..... 94

 Table 25b. Accessible Area by Academic Subprograms..... 97

 Table 25c. Accessible Area by Student Service and Physical Plant Operations Subprograms 99

 Table 25d. Accessible Area by Institutional Administration, Independent Operations, and
 Unassigned Programs 101

Table 26. Accessible Area by Room Codes 103

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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.

| | | | |
|---|--|---|---|
| 1 | Owned in fee simple. | 5 | Not owned by the institution but made available to the institution either at no cost or at a nominal rate. |
| 2 | 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. | 6 | Not owned by the institution but shared with an educational organization that is not a postsecondary institution. |
| 3 | Title vested in 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). | 7 | Not owned by the institution but shared with another postsecondary educational institution. |
| 4 | Not owned by the institution but leased or rented to the institution at a typical local rate. | 8 | Other (e.g., not owned by the institution, but shared with a noneducational institution). |

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 | % | GSF | % | GSF | % |
| Research Universities I | | | | | | |
| NC State *** | 13,028,715 | 77.9 | 3,016,718 | 18.0 | 0 | |
| NC State Veterinary Med | 657,639 | 72.4 | 229,495 | 25.3 | 0 | |
| UNC-Chapel Hill *** | 13,189,575 | 98.1 | 0 | - | 68,760 | 0.5 |
| UNC-Chapel Hill Health Aff.** | 5,946,215 | 86.1 | 537,875 | 7.8 | 128,275 | 1.9 |
| Subtotal | 32,822,144 | 86.4 | 3,784,088 | 10.0 | 197,035 | 0.5 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 5,629,500 | 96.4 | 0 | - | 0 | |
| East Carolina Hlth Aff. | 1,590,604 | 83.0 | 0 | - | 0 | |
| N.C. A&T | 3,257,680 | 95.7 | 0 | - | 0 | |
| UNC Charlotte | 4,880,326 | 49.3 | 4,877,418 | 49.3 | 137,999 | 1.4 |
| UNC-Greensboro** | 3,673,322 | 55.1 | 2,805,175 | 42.1 | 29,296 | 0.4 |
| UNC Wilmington | 3,431,046 | 71.9 | 556,972 | 11.7 | 738,804 | 15.5 |
| Subtotal | 22,462,478 | 69.1 | 8,239,565 | 25.4 | 906,099 | 2.8 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 3,417,927 | 67.2 | 1,511,371 | 29.7 | 148,071 | 2.9 |
| Fayetteville | 1,193,794 | 81.1 | 191,904 | 13.0 | 86,499 | 5.9 |
| NCCU | 2,060,197 | 93.9 | 134,292 | 6.1 | 0 | |
| UNC Pembroke | 1,205,238 | 66.8 | 0 | - | 0 | |
| Western Carolina | 2,181,552 | 62.7 | 839,064 | 24.1 | 431,581 | 12.4 |
| Winston-Salem | 1,358,754 | 67.8 | 128,194 | 6.4 | 441,407 | 22.0 |
| Subtotal | 11,417,462 | 71.2 | 2,804,825 | 17.5 | 1,107,558 | 6.9 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 1,256,934 | 76.5 | 359,872 | 21.9 | 0 | |
| Subtotal | 1,256,934 | 76.5 | 359,872 | 21.9 | 0 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 1,088,834 | 83.7 | 66,576 | 5.1 | 145,678 | 11.2 |
| Subtotal | 1,088,834 | 83.7 | 66,576 | 5.1 | 145,678 | 11.2 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 1,040,301 | 85.8 | 77,150 | 6.4 | 80,440 | 6.6 |
| Subtotal | 1,040,301 | 85.8 | 77,150 | 6.4 | 80,440 | 6.6 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals** | 2,434,713 | 97.4 | 0 | - | 0 | |
| Subtotal | 2,434,713 | 97.4 | 0 | 0.0 | 0 | 0.0 |
| Grand Total | 72,522,866 | 77.8 | 15,332,076 | 16.5 | 2,436,810 | 2.6 |

** 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 | % | GSF | % | GSF | % | |
| Research Universities I | | | | | | | |
| NC State *** | 472,998 | 2.8 | 211,106 | 1.3 | 5,648 | 0.03 | 16,735,189 |
| NC State Veterinary Med | 21,143 | 2.3 | 0 | - | 0 | - | 908,277 |
| UNC-Chapel Hill *** | 164,378 | 1.2 | 12,549 | 0.1 | 10,287 | 0.1 | 13,445,549 |
| UNC-Chapel Hill Health Aff.** | 290,432 | 4.2 | 0 | - | 0 | - | 6,902,797 |
| Subtotal | 948,951 | 2.5 | 223,655 | 0.6 | 15,935 | 0.0 | 37,991,808 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 76,281 | 1.3 | 38,492 | 0.7 | 95,460 | 1.6 | 5,839,733 |
| East Carolina Hlth Aff. | 280,113 | 14.6 | 3,593 | 0.2 | 41,356 | 2.2 | 1,915,666 |
| N.C. A&T | 54,007 | 1.6 | 0 | - | 92,337 | 2.7 | 3,404,024 |
| UNC Charlotte | 0 | - | 0 | - | 0 | - | 9,895,743 |
| UNC-Greensboro** | 75,836 | 1.1 | 4,893 | - | 80,718 | - | 6,669,240 |
| UNC Wilmington | 42,399 | 0.9 | 0 | - | 0 | - | 4,769,221 |
| Subtotal | 528,636 | 1.6 | 46,978 | 0.1 | 309,871 | 1.0 | 32,493,627 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 7,010 | 0.1 | 0 | - | 0 | - | 5,084,379 |
| Fayetteville | 0 | - | 0 | - | 0 | - | 1,472,197 |
| NCCU | 0 | - | 0 | - | 0 | - | 2,194,489 |
| UNC Pembroke | 21,137 | 1.2 | 0 | - | 576,706 | - | 1,803,081 |
| Western Carolina | 28,213 | 0.8 | 0 | - | 0 | - | 3,480,410 |
| Winston-Salem | 74,668 | 3.7 | 0 | - | 0 | - | 2,003,023 |
| Subtotal | 131,028 | 0.8 | 0 | 0.0 | 576,706 | 3.6 | 16,037,579 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 26,890 | 1.6 | 0 | - | 0 | - | 1,643,696 |
| Subtotal | 26,890 | 1.6 | 0 | 0.0 | 0 | 0.0 | 1,643,696 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 0 | - | 0 | - | 0 | - | 1,301,088 |
| Subtotal | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1,301,088 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 2,760 | 0.2 | 11,053 | 0.9 | 850 | 0.1 | 1,212,554 |
| Subtotal | 2,760 | 0.2 | 11,053 | 0.9 | 850 | 0.1 | 1,212,554 |
| Teaching Hospitals | | | | | | | |
| UNC Hospitals** | 57,815 | 2.3 | 0 | - | 6,721 | 0.3 | 2,499,249 |
| Subtotal | 57,815 | 2.3 | 0 | 0.0 | 6,721 | 0.3 | 2,499,249 |
| Grand Total | 1,696,080 | 1.8 | 281,686 | 0.3 | 910,083 | 1.0 | 93,179,601 |

** 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.

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. Property values have recovered, and this continued upward trend is reflected in the 2020 factor applied to the estimated replacement values for the current year.

| Annual Year Increase | | Annual Year Increase | | Annual Year Increase | |
|-------------------------|--------|-------------------------|--------|-------------------------|-------|
| 2003 | 1.20% | 2009 | -3.70% | 2015 | 2.10% |
| 2004 | 12.60% | 2010 | 0.80% | 2016 | 2.60% |
| 2005 | 9.80% | 2011 | 5.90% | 2017 | 2.70% |
| 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% |

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 1, UNC-CH Health Affairs 1, 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 |
| Research Universities I | | | | |
| NC State | 971 | \$1,103,798,041 | \$4,585,928,327 | 13,588,581 |
| NC State Veterinary Med | 49 | 108,729,370 | 373,152,117 | 908,277 |
| UNC-Chapel Hill | 296 | 1,521,166,934 | 3,717,397,983 | 10,007,852 |
| UNC-Chapel Hill Hlth Aff. | 104 | 847,266,149 | 2,153,914,071 | 6,901,555 |
| Subtotal | 1,420 | \$3,580,960,494 | \$10,830,392,498 | 31,406,265 |
| Doctoral Universities I and II | | | | |
| East Carolina | 149 | \$451,176,606 | \$1,483,769,072 | 4,520,731 |
| East Carolina Hlth Aff. | 55 | 284,171,320 | 637,739,878 | 1,915,666 |
| NC A&T | 108 | 290,908,077 | 1,014,062,969 | 2,816,397 |
| UNC Charlotte | 86 | 859,794,324 | 1,756,964,550 | 7,699,143 |
| UNC Greensboro | 122 | 388,885,386 | 1,963,241,979 | 4,482,735 |
| UNC Wilmington | 126 | 464,103,181 | 836,519,076 | 3,348,348 |
| Subtotal | 646 | \$2,739,038,894 | \$7,692,297,524 | 24,783,020 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | 69 | \$463,770,713 | \$1,051,238,073 | 3,604,022 |
| Fayetteville | 41 | 110,938,819 | 284,077,482 | 1,120,153 |
| NC Central | 46 | 173,952,332 | 668,506,456 | 1,544,077 |
| UNC Pembroke | 41 | 119,447,457 | 355,394,603 | 1,101,971 |
| Western Carolina | 69 | 176,361,764 | 517,085,878 | 2,107,683 |
| Winston-Salem | 35 | 150,930,719 | 341,938,185 | 1,254,188 |
| Subtotal | 301 | \$1,195,401,804 | \$3,218,240,677 | 10,732,094 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 30 | \$134,460,661 | \$385,840,814 | 1,113,218 |
| Subtotal | 30 | \$134,460,661 | \$385,840,814 | 1,113,218 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 38 | \$86,457,915 | \$273,429,082 | 853,073 |
| Subtotal | 38 | \$86,457,915 | \$273,429,082 | 853,073 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 46 | \$97,021,127 | \$260,198,806 | 992,472 |
| Subtotal | 46 | \$97,021,127 | \$260,198,806 | 992,472 |
| Teaching Hospitals | | | | |
| UNC Hospitals | 30 | \$151,744,106 | \$1,074,613,393 | 2,499,249 |
| Subtotal | 30 | \$151,744,106 | \$1,074,613,393 | 2,499,249 |
| Grand Total | 2,511 | \$7,985,085,001 | \$23,735,012,794 | 72,379,391 |

Table 20 Residential Capital Investment

| Institution | Residential Buildings | | | |
|---|-----------------------|------------------------|------------------------|-------------------------|
| | No. of Bldgs. | Building Cost | Replacement Value | Gross Sq. Ft. on Campus |
| Research Universities I | | | | |
| NC State | 148 | \$229,507,522 | \$772,095,184 | 3,146,604 |
| NC State Veterinary Med | 0 | 0 | 0 | 0 |
| UNC-Chapel Hill | 76 | 222,353,131 | 689,898,004 | 3,437,697 |
| UNC-Chapel Hill Hlth Aff. | 1 | 31,500 | 195,113 | 1,242 |
| Subtotal | 225 | \$451,892,153 | \$1,462,188,301 | 6,585,543 |
| Doctoral Universities I and II | | | | |
| East Carolina | 18 | \$103,507,000 | \$324,282,823 | 1,319,002 |
| East Carolina Hlth Aff. | 0 | 0 | 0 | 0 |
| NC A&T | 14 | 29,173,424 | 156,175,558 | 587,627 |
| UNC Charlotte | 34 | 289,719,444 | 489,328,895 | 2,196,600 |
| UNC Greensboro | 30 | 170,219,604 | 849,565,226 | 2,186,505 |
| UNC Wilmington | 40 | 199,467,621 | 326,625,784 | 1,420,873 |
| Subtotal | 136 | \$792,087,093 | \$2,145,978,286 | 7,710,607 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | 24 | \$165,429,503 | \$341,633,375 | 1,480,357 |
| Fayetteville | 9 | 27,407,381 | 68,784,616 | 352,044 |
| NC Central | 11 | 60,463,229 | 210,595,647 | 650,412 |
| UNC Pembroke | 10 | 10,309,198 | 132,345,275 | 701,110 |
| Western Carolina | 39 | 172,372,555 | 325,915,499 | 1,372,727 |
| Winston-Salem | 15 | 92,053,235 | 167,533,547 | 748,835 |
| Subtotal | 108 | \$528,035,101 | \$1,246,807,959 | 5,305,485 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 21 | \$86,308,807 | \$169,246,619 | 530,478 |
| Subtotal | 21 | \$86,308,807 | \$169,246,619 | 530,478 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 14 | \$34,818,578 | \$81,960,645 | 448,015 |
| Subtotal | 14 | \$34,818,578 | \$81,960,645 | 448,015 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 19 | \$10,995,657 | \$37,318,037 | 220,082 |
| Subtotal | 19 | \$10,995,657 | \$37,318,037 | 220,082 |
| Teaching Hospitals | | | | |
| UNC Hospitals | - | - | - | - |
| Subtotal | 0 | \$0 | \$0 | 0 |
| Grand Total | 523 | \$1,904,137,389 | \$5,143,499,847 | 20,800,210 |

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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 Gross Square Feet | Pre-1901 GSF | 100-119 Years (1901-1920) GSF | 80-99 Years (1921-1940) GSF | 60-79 Years (1941-1960) GSF | 40-59 Years (1961-1980) GSF |
|---|-------------------------|----------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Research Universities I | | | | | | |
| NC State | 16,735,185 | 75,481 | 352,724 | 1,348,926 | 2,125,568 | 4,257,888 |
| NC State Veterinary Med | 908,277 | | | 25,128 | 14,591 | 24,055 |
| UNC-Chapel Hill | 13,445,549 | 150,072 | 536,579 | 1,430,329 | 883,515 | 2,573,205 |
| UNC-Chapel Hill Hlth Aff. | 6,902,797 | | | 121,141 | 308,400 | 1,901,453 |
| Subtotal | 37,991,808 | 225,553 | 889,303 | 2,925,524 | 3,332,074 | 8,756,601 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 5,839,733 | | 278,478 | 463,789 | 942,902 | 1,787,375 |
| East Carolina Hlth Aff. | 1,915,666 | 1,275 | | 10,443 | | 80,199 |
| N.C. A&T | 3,404,024 | | | 285,597 | 673,864 | 716,693 |
| UNC Charlotte | 9,895,743 | | | | | 1,573,220 |
| UNC Greensboro | 6,669,240 | 37,259 | 330,087 | 742,065 | 528,802 | 1,327,621 |
| UNC Wilmington | 4,769,221 | | 26,858 | 6,794 | 2,266 | 767,256 |
| Subtotal | 32,493,627 | 38,534 | 635,423 | 1,508,688 | 2,147,834 | 6,252,364 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 5,084,379 | | | 198,318 | 244,273 | 1,647,937 |
| Fayetteville | 1,472,197 | | | 152,902 | 79,409 | 471,402 |
| NCCU | 2,194,489 | | | 237,720 | 335,076 | 537,806 |
| UNC Pembroke | 1,803,081 | | | 37,746 | 101,889 | 656,221 |
| Western Carolina | 3,480,410 | 2,563 | | 227,833 | 429,225 | 1,092,045 |
| Winston-Salem | 2,003,023 | | | 94,070 | 54,636 | 474,729 |
| Subtotal | 16,037,579 | 2,563 | 0 | 948,589 | 1,244,508 | 4,880,140 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 1,643,696 | | | 4,249 | | 384,732 |
| Subtotal | 1,643,696 | 0 | 0 | 4,249 | 0 | 384,732 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 1,301,088 | | 18,118 | 114,331 | 98,237 | 325,095 |
| Subtotal | 1,301,088 | 0 | 18,118 | 114,331 | 98,237 | 325,095 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 1,212,554 | | 19,859 | 178,092 | 168,339 | 231,777 |
| Subtotal | 1,212,554 | 0 | 19,859 | 178,092 | 168,339 | 231,777 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 2,499,249 | | | 8,040 | 371,420 | 581,341 |
| Subtotal | 2,499,249 | 0 | 0 | 8,040 | 371,420 | 581,341 |
| Grand Total | 93,179,601 | 266,650 | 1,562,703 | 5,687,513 | 7,362,412 | 21,412,050 |

Table 21. (Continued) Age of Buildings

| Institution | 20-39 Years (1981-2000) GSF | 15-19 Years (2001-2005) GSF | 10-14 Years (2006-2010) GSF | 5-9 Years (2011-2015) GSF | Less than 5 Years (2016-2020) GSF |
|---|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|--|
| Research Universities I | | | | | |
| NC State | 3,177,220 | 2,463,409 | 900,522 | 1,573,299 | 460,148 |
| NC State Veterinary Med | 387,064 | 101,690 | 186,098 | 136,241 | 33,410 |
| UNC-Chapel Hill | 2,908,656 | 1,708,476 | 2,393,857 | 443,831 | 417,029 |
| UNC-Chapel Hill Hlth Aff. | 2,605,449 | 619,085 | 640,588 | 666,715 | 39,966 |
| Subtotal | 9,078,389 | 4,892,660 | 4,121,065 | 2,820,086 | 950,553 |
| Doctoral Universities I & II | | | | | |
| East Carolina | 632,380 | 417,210 | 182,592 | 400,491 | 734,516 |
| East Carolina Hlth Aff. | 734,006 | 36,013 | 590,154 | 450,526 | 13,050 |
| N.C. A&T | 481,863 | 525,994 | 345,755 | 203,712 | 170,546 |
| UNC Charlotte | 2,477,892 | 1,205,184 | 1,375,389 | 2,841,803 | 422,255 |
| UNC Greensboro | 1,352,288 | 558,227 | 520,664 | 757,627 | 514,600 |
| UNC Wilmington | 1,190,706 | 261,345 | 1,443,731 | 193,221 | 877,044 |
| Subtotal | 6,869,135 | 3,003,973 | 4,458,285 | 4,847,380 | 2,732,011 |
| Master's (Comprehensive) Universities & Colleges I | | | | | |
| Appalachian | 843,436 | 885,132 | 493,279 | 420,846 | 351,158 |
| Fayetteville | 443,005 | 74,097 | 55,324 | 196,058 | 0 |
| NCCU | 519,045 | 227,015 | 109,567 | 228,260 | 0 |
| UNC Pembroke | 213,005 | 326,235 | 172,492 | 210,316 | 85,177 |
| Western Carolina | 440,547 | 453,178 | 389,047 | 159,767 | 286,205 |
| Winston-Salem | 463,058 | 416,952 | 160,052 | 167,431 | 172,095 |
| Subtotal | 2,922,096 | 2,382,609 | 1,379,761 | 1,382,678 | 894,635 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | |
| UNC Asheville | 581,382 | 182,407 | 153,099 | 221,786 | 116,041 |
| Subtotal | 581,382 | 182,407 | 153,099 | 221,786 | 116,041 |
| Baccalaureate Colleges: Diverse Fields | | | | | |
| Elizabeth City | 293,073 | 283,358 | 52,895 | 115,981 | 0 |
| Subtotal | 293,073 | 283,358 | 52,895 | 115,981 | 0 |
| Schools of Art, Music, & Design | | | | | |
| UNC School of the Arts | 207,837 | 223,480 | 6,307 | 176,863 | 0 |
| Subtotal | 207,837 | 223,480 | 6,307 | 176,863 | 0 |
| Teaching Hospitals | | | | | |
| UNC Hospitals | 604,395 | 562,415 | 371,638 | 0 | 0 |
| Subtotal | 604,395 | 562,415 | 371,638 | 0 | 0 |
| Grand Total | 20,556,307 | 11,530,902 | 10,543,050 | 9,564,774 | 4,693,240 |

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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% 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%, but not greater than 50% 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% 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 | % | GSF | % | GSF | % | GSF | % |
| Research Universities I | | | | | | | | |
| NC State | 6,938,780 | 41.5 | 3,848,660 | 23.0 | 4,300,204 | 25.7 | 1,533,282 | 9.2 |
| NC State Veterinary Med | 356,004 | 39.2 | 107,555 | 11.8 | 444,718 | 49.0 | 0 | 0.0 |
| UNC-Chapel Hill | 857,447 | 6.4 | 7,832,369 | 58.3 | 2,897,496 | 21.5 | 1,750,303 | 13.0 |
| UNC-Chapel Hill Hlth Aff. | 1,393,092 | 20.2 | 3,954,569 | 57.3 | 1,076,466 | 15.6 | 478,670 | 6.9 |
| Subtotal | 9,545,323 | 25.1 | 15,743,153 | 41.4 | 8,718,884 | 22.9 | 3,762,255 | 9.9 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 2,490,238 | 42.6 | 1,031,825 | 17.7 | 523,570 | 9.0 | 1,783,568 | 30.5 |
| East Carolina Hlth Aff. | 1,292,581 | 67.5 | 100,391 | 5.2 | 5,790 | 0.3 | 516,904 | 27.0 |
| N.C. A&T | 1,901,966 | 55.9 | 130,194 | 3.8 | 431,351 | 12.7 | 940,513 | 27.6 |
| UNC Charlotte | 7,180,817 | 72.6 | 1,169,374 | 11.8 | 749,196 | 7.6 | 796,356 | 8.0 |
| UNC Greensboro | 3,420,294 | 51.3 | 2,413,834 | 36.2 | 554,473 | 8.3 | 274,591 | 4.1 |
| UNC Wilmington | 4,761,805 | 99.8 | 5,066 | 0.1 | 0 | 0.0 | 2,350 | 0.0 |
| Subtotal | 21,047,701 | 64.8 | 4,850,684 | 14.9 | 2,264,380 | 7.0 | 4,314,282 | 13.3 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 1,532,886 | 30.1 | 2,071,727 | 40.7 | 376,283 | 7.4 | 774,144 | 15.2 |
| Fayetteville | 196,605 | 13.4 | 599,316 | 40.7 | 410,793 | 27.9 | 168,589 | 11.5 |
| NCCU | 1,967,146 | 89.6 | 62,995 | 2.9 | 150,944 | 6.9 | 2,000 | 0.1 |
| UNC Pembroke | 315,117 | 17.5 | 614,297 | 34.1 | 352,704 | 19.6 | 476,447 | 26.4 |
| Western Carolina | 2,267,905 | 65.2 | 1,021,286 | 29.3 | 156,405 | 4.5 | 34,814 | 1.0 |
| Winston-Salem | 1,320,026 | 65.9 | 517,748 | 25.8 | 89,733 | 4.5 | 75,516 | 3.8 |
| Subtotal | 7,599,685 | 47.4 | 4,887,369 | 30.5 | 1,536,862 | 9.6 | 1,531,510 | 9.5 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 496,533 | 30.2 | 520,833 | 31.7 | 230,278 | 14.0 | 396,052 | 24.1 |
| Subtotal | 496,533 | 30.2 | 520,833 | 31.7 | 230,278 | 14.0 | 396,052 | 24.1 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 853,922 | 65.6 | 226,441 | 17.4 | 85,200 | 6.5 | 108,035 | 8.3 |
| Subtotal | 853,922 | 65.6 | 226,441 | 17.4 | 85,200 | 6.5 | 108,035 | 8.3 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | 933,941 | 77.0 | 212,096 | 17.5 | 10,605 | 0.9 | 50,084 | 4.1 |
| Subtotal | 933,941 | 77.0 | 212,096 | 17.5 | 10,605 | 0.9 | 50,084 | 4.1 |
| Teaching Hospitals | | | | | | | | |
| UNC Hospitals | 2,499,249 | 100 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Subtotal | 2,499,249 | 100 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Grand Total | 42,976,354 | 46.1 | 26,440,576 | 28.4 | 12,846,209 | 13.8 | 10,162,218 | 10.9 |

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

| | Demolition | | Termination | | Total Gross Square Feet |
|--|------------|-----|-------------|--------|----------------------------|
| Institution | GSF | % | GSF | % | |
| Research Universities I | | | | | |
| NC State | 112,535 | 0.7 | 1,724 | 0.01 | 16,735,185 |
| NC State Veterinary Med | 0 | 0.0 | 0 | 0.00 | 908,277 |
| UNC-Chapel Hill | 107,934 | 0.8 | 0 | 0.00 | 13,445,549 |
| UNC-Chapel Hill Hlth Aff. | 0 | 0.0 | 0 | 0.00 | 6,902,797 |
| Subtotal | 220,469 | 0.6 | 1,724 | 0.005 | 37,991,808 |
| Doctoral Universities I & II | | | | | |
| East Carolina | 10,385 | 0.2 | 147 | 0.003 | 5,839,733 |
| East Carolina Hlth Aff. | 0 | 0.0 | 0 | 0.00 | 1,915,666 |
| N.C. A&T | 0 | 0.0 | 0 | 0.00 | 3,404,024 |
| UNC Charlotte | 0 | 0.0 | 0 | 0.00 | 9,895,743 |
| UNC Greensboro | 6,048 | 0.1 | 0 | 0.00 | 6,669,240 |
| UNC Wilmington | 0 | 0.0 | 0 | 0.00 | 4,769,221 |
| Subtotal | 16,433 | 0.1 | 147 | 0.0005 | 32,493,627 |
| Master's (Comprehensive) Universities & Colleges I | | | | | |
| Appalachian | 45,707 | 0.9 | 283,632 | 5.6 | 5,084,379 |
| Fayetteville | 96,894 | 6.6 | 0 | 0.0 | 1,472,197 |
| NCCU | 11,404 | 0.5 | 0 | 0.0 | 2,194,489 |
| UNC Pembroke | 44,516 | 2.5 | 0 | 0.0 | 1,803,081 |
| Western Carolina | 0 | 0.0 | 0 | 0.0 | 3,480,410 |
| Winston-Salem | 0 | 0.0 | 0 | 0.0 | 2,003,023 |
| Subtotal | 198,521 | 1.2 | 283,632 | 1.8 | 16,037,579 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | |
| UNC Asheville | 0 | 0.0 | 0 | 0.00 | 1,643,696 |
| Subtotal | 0 | 0.0 | 0 | 0.0 | 1,643,696 |
| Baccalaureate Colleges: Diverse Fields | | | | | |
| Elizabeth City | 27,490 | 2.1 | 0 | 0.0 | 1,301,088 |
| Subtotal | 27,490 | 2.1 | 0 | 0.0 | 1,301,088 |
| Schools of Art, Music, & Design | | | | | |
| UNC School of the Arts | 5,828 | 0.5 | 0 | 0.0 | 1,212,554 |
| Subtotal | 5,828 | 0.5 | 0 | 0.0 | 1,212,554 |
| Teaching Hospitals | | | | | |
| UNC Hospitals | 0 | 0.0 | 0 | 0.00 | 2,499,249 |
| Subtotal | 0 | 0.0 | 0 | 0.0 | 2,499,249 |
| Grand Total | 468,741 | 0.5 | 285,503 | 0.31 | 93,179,601 |

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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 95) 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 \$310 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .546. This means that new construction costs are approximately \$568 per

assignable square foot. Thus, every assignable square foot created through a renovation can be viewed as saving the institution \$568 in new construction costs.

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

CONSTRUCTION COST/ASF = $\frac{\$310}{.546} = \568

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 1, UNC-CH Health Affairs 1, UNCP 1, WCU 1, and WSSU 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 |
|---|----------------------------|------------------------|----------------------------|---|--|--|
| Research Universities I | | | | | | |
| NC State | 1,119 | \$1,333,305,563 | \$5,358,023,511 | 524 | 492,829,444 | \$3,398,323,982 |
| NC State Veterinary Med | 49 | 108,729,370 | 373,152,117 | 39 | 46,405,846 | 262,792,409 |
| UNC-Chapel Hill | 372 | 1,743,520,065 | 4,407,295,987 | 347 | 1,410,630,910 | 4,011,911,269 |
| UNC-Chapel Hill Hlth Aff. | 105 | 847,297,649 | 2,154,109,184 | 82 | 718,405,237 | 1,812,137,372 |
| Subtotal | 1,645 | \$4,032,852,647 | \$12,292,580,799 | 992 | 2,668,271,437 | \$9,485,165,032 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 167 | \$554,683,606 | \$1,808,051,895 | 95 | 143,657,132 | \$988,686,304 |
| East Carolina Hlth Aff. | 55 | 284,171,320 | 637,739,878 | 18 | 32,694,549 | 166,468,882 |
| NC A&T | 122 | 320,081,501 | 1,170,238,527 | 43 | 46,346,938 | 536,235,275 |
| UNC Charlotte | 120 | 1,149,513,768 | 2,246,293,445 | 38 | 233,252,435 | 818,820,299 |
| UNC Greensboro | 152 | 559,104,990 | 2,812,807,205 | 83 | 194,706,322 | 1,468,885,005 |
| UNC Wilmington | 166 | 663,570,802 | 1,163,144,860 | 2 | 297,170 | 808,759 |
| Subtotal | 782 | \$3,531,125,987 | \$9,838,275,810 | 279 | 650,954,546 | \$3,979,904,524 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 93 | \$629,200,216 | \$1,392,871,448 | 56 | 370,883,875 | \$948,502,606 |
| Fayetteville | 50 | 138,346,200 | 352,862,098 | 47 | 94,236,504 | 288,147,204 |
| NC Central | 57 | 234,415,561 | 879,102,103 | 13 | 3,651,000 | 81,210,652 |
| UNC Pembroke | 51 | 129,756,655 | 487,739,878 | 43 | 94,678,165 | 401,290,563 |
| Western Carolina | 108 | 348,734,319 | 843,001,377 | 43 | 33,345,671 | 228,434,304 |
| Winston-Salem | 50 | 242,983,954 | 509,471,732 | 21 | 20,703,599 | 135,768,121 |
| Subtotal | 409 | \$1,723,436,905 | \$4,465,048,636 | 223 | 617,498,814 | \$2,083,353,450 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 51 | \$220,769,468 | \$555,087,433 | 30 | 117,803,767 | \$386,251,464 |
| Subtotal | 51 | \$220,769,468 | \$555,087,433 | 30 | 117,803,767 | \$386,251,464 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 52 | \$121,276,493 | \$355,389,727 | 20 | 15,390,686 | \$113,459,443 |
| Subtotal | 52 | \$121,276,493 | \$355,389,727 | 20 | 15,390,686 | \$113,459,443 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 65 | \$108,016,784 | \$297,516,843 | 20 | 6,444,417 | \$47,349,594 |
| Subtotal | 65 | \$108,016,784 | \$297,516,843 | 20 | 6,444,417 | \$47,349,594 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 30 | \$151,744,106 | \$1,074,613,393 | 0 | 0 | \$0 |
| Subtotal | 30 | \$151,744,106 | \$1,074,613,393 | 0 | 0 | \$0 |
| Grand Total | 3,034 | \$9,889,222,390 | \$28,878,512,641 | 1,564 | 4,076,363,667 | \$16,095,483,507 |

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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% 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. | 2020 | 2019 | 2018 | 2017 | 2016 |
| Research Universities I | | | | | | | |
| NC State | 9,353,620 | 7,632,724 | 81.6 | 81.4 | 83.4 | 80.7 | 81.5 |
| NC State Veterinary Med | 464,069 | 429,365 | 92.5 | 92.5 | 93.4 | 88.8 | 88.3 |
| UNC-Chapel Hill | 7,431,949 | 7,429,954 | 100.0 | 99.4 | 99.5 | 99.7 | 100 |
| UNC-Chapel Hill Hlth Aff. | 2,568,650 | 2,549,461 | 99.3 | 99.3 | 99.4 | 99.5 | 100 |
| Subtotal | 19,818,288 | 18,041,504 | 91.0 | 90.8 | 91.8 | 90.5 | 91.1 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 3,478,978 | 2,992,360 | 86.0 | 86.0 | 86.4 | 86.1 | 83.4 |
| East Carolina Hlth Aff. | 1,086,016 | 843,117 | 77.6 | 77.6 | 76.3 | 79.1 | 76.1 |
| N.C. A&T | 2,359,182 | 2,089,772 | 88.6 | 88.6 | 88.6 | 88.1 | 87.4 |
| UNC Charlotte | 4,083,322 | 3,960,604 | 97.0 | 96.8 | 97.7 | 95.9 | 97.4 |
| UNC Greensboro | 3,388,107 | 2,988,331 | 88.2 | 79.2 | 79.8 | 80.6 | 88 |
| UNC Wilmington | 2,760,536 | 2,760,536 | 100.0 | 97.2 | 95.8 | 96.1 | 98.9 |
| Subtotal | 17,156,141 | 15,634,720 | 91.1 | 88.7 | 88.8 | 88.6 | 89.9 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 2,902,433 | 2,473,755 | 85.2 | 85.3 | 85.1 | 84.4 | 84 |
| Fayetteville | 919,639 | 777,177 | 84.5 | 84.5 | 84.5 | 84.2 | 84.3 |
| NCCU | 1,404,771 | 1,282,397 | 91.3 | 91.3 | 90.9 | 90.5 | 90.5 |
| UNC Pembroke | 1,170,530 | 1,099,912 | 94.0 | 92.0 | 91 | 91 | 90.9 |
| Western Carolina | 2,205,786 | 1,689,848 | 76.6 | 76.6 | 75.5 | 75.4 | 75.3 |
| Winston-Salem | 1,284,309 | 1,157,998 | 90.2 | 89.4 | 87.5 | 87.1 | 87.1 |
| Subtotal | 9,887,468 | 8,481,087 | 85.8 | 85.5 | 84.8 | 84.4 | 84.3 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 939,281 | 85,030 | 9.1 | 7.6 | 7.6 | - | 96.9 |
| Subtotal | 939,281 | 85,030 | 9.1 | 7.6 | 7.6 | 0.0 | 96.9 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 864,764 | 746,170 | 86.3 | 86.3 | 86.3 | 86.3 | 81.8 |
| Subtotal | 864,764 | 746,170 | 86.3 | 86.3 | 86.3 | 86.3 | 81.8 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 843,788 | 763,486 | 90.5 | 90.2 | 90.2 | 90.1 | 90.1 |
| Subtotal | 843,788 | 763,486 | 90.5 | 90.2 | 90.2 | 90.1 | 90.1 |
| 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 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| Grand Total | 50,868,033 | 44,946,180 | 88.4 | 87.3 | 87.6 | 86.9 | 89.2 |

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 |
|---|-----------------------|-------------------|----------------|-------------------------|---------------------------|---------------------------|
| Research Universities I | | | | | | |
| NC State | 7,632,724 | 90.7 | 77.5 | 67.4 | 97.0 | 78.8 |
| NC State Veterinary Med | 429,365 | 88.9 | 93.4 | 95.8 | 94.7 | 100 |
| UNC-Chapel Hill | 7,429,954 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 2,549,461 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 |
| Subtotal | 18,041,504 | 95.8 | 87.1 | 83.3 | 98.8 | 90.2 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 2,992,360 | 93.2 | 67.3 | 89.0 | 93.8 | 95.3 |
| East Carolina Hlth Aff. | 843,117 | 86.0 | 97.3 | 62.7 | 96.7 | 51.9 |
| N.C. A&T | 2,089,772 | 93.2 | 83.9 | 95.2 | 95.4 | 79.0 |
| UNC Charlotte | 3,960,604 | 96.5 | 99.0 | 100 | 99.2 | 96.6 |
| UNC Greensboro | 2,988,331 | 94.9 | 92.2 | 78.6 | 87.6 | 85.7 |
| UNC Wilmington | 2,760,536 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 15,634,720 | 94.8 | 91.9 | 69.7 | 95.5 | 92.7 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 2,473,755 | 91.0 | 70.5 | 32.7 | 100 | 82.7 |
| Fayetteville | 777,177 | 100 | 100 | 100 | 100 | 64.6 |
| NCCU | 1,282,397 | 90.2 | 98.0 | 96.5 | 95.1 | 93.3 |
| UNC Pembroke | 1,099,912 | 97.1 | 100 | 100 | 99.2 | 90.4 |
| Western Carolina | 1,689,848 | 94.1 | 91.7 | 100 | 95.5 | 66.2 |
| Winston-Salem | 1,157,998 | 91.2 | 100 | 87.9 | 97.0 | 91.9 |
| Subtotal | 8,481,087 | 92.9 | 93.5 | 45.1 | 97.6 | 80.6 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 85,030 | 10.3 | 0.0 | 0.0 | 0.0 | 12.3 |
| Subtotal | 85,030 | 10.3 | 0.0 | 0.0 | 0.0 | 12.3 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 746,170 | 86.5 | 100 | 100 | 99.0 | 89.0 |
| Subtotal | 746,170 | 86.5 | 100 | 100 | 99.0 | 89.0 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 763,486 | 93.2 | - | 100 | 93.7 | 84.8 |
| Subtotal | 763,486 | 93.2 | - | 100 | 93.7 | 84.8 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 1,194,183 | 100 | 100 | 85.3 | - | - |
| Subtotal | 1,194,183 | 100 | 100 | 85.3 | - | - |
| Grand Total | 44,946,180 | 93.0 | 87.9 | 79.6 | 95.3 | 86.8 |

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

| Institution | Inst. Admin. 60 | Physical Plant 70 | Indep. Opns. 90 | Un- assigned 00 |
|---|--------------------------------|----------------------------------|--------------------------------|--------------------------------|
| Research Universities I | | | | |
| NC State | 84.9 | 85.9 | 92.5 | 67.1 |
| NC State Veterinary Med | 89.0 | 98.1 | 100 | 0.0 |
| UNC-Chapel Hill | 100.0 | 100 | 100.0 | 99.2 |
| UNC-Chapel Hill Hlth Aff. | 100.0 | 100.0 | 100 | 79.2 |
| Subtotal | 92.4 | 94.8 | 95.8 | 80.4 |
| Doctoral Universities I & II | | | | |
| East Carolina | 66.2 | 27.3 | 100 | 2.8 |
| East Carolina Hlth Aff. | 84.5 | 79.5 | - | 100 |
| N.C. A&T | 99.5 | 78.2 | 100 | 86.8 |
| UNC Charlotte | 94.3 | 93.3 | - | 99.3 |
| UNC Greensboro | 89.6 | 70.1 | 100.0 | 25.1 |
| UNC Wilmington | 100.0 | 100 | 100.0 | 100.0 |
| Subtotal | 88.5 | 66.6 | 100.0 | 45.3 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | 82.3 | 85.7 | 100 | 100 |
| Fayetteville | 96.8 | 100 | 88.0 | 94.8 |
| NCCU | 80.4 | 79.0 | 99.4 | 88.2 |
| UNC Pembroke | 97.6 | 99.9 | - | 100.0 |
| Western Carolina | 55.8 | 98.4 | 100 | 100 |
| Winston-Salem | 67.9 | 95.8 | 100 | 62.7 |
| Subtotal | 77.3 | 93.8 | 98.0 | 92.3 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 0.0 | 0.0 | 0.0 | 4.1 |
| Subtotal | 0.0 | 0.0 | 0.0 | 4.1 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 80.1 | 100 | - | 64.1 |
| Subtotal | 80.1 | 100 | - | 64.1 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 88.6 | 96.6 | 100 | 92.9 |
| Subtotal | 88.6 | 96.6 | 100 | 92.9 |
| Teaching Hospitals | | | | |
| UNC Hospitals | 100 | 98.5 | 100 | 100 |
| Subtotal | 100 | 98.5 | 100 | 100 |
| Grand Total | 86.6 | 81.5 | 95.6 | 75.5 |

**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 |
|---|--|--|--|-----------------------------------|--|--|--|
| Research Universities I | | | | | | | |
| NC State | 90.6 | - | - | 100.0 | - | - | - |
| NC State Veterinary Med | 88.9 | - | - | - | - | - | - |
| UNC-Chapel Hill | 100.0 | - | - | 100.0 | 100.0 | - | - |
| UNC-Chapel Hill Hlth Aff. | 100.0 | - | 100.0 | 100.0 | 100.0 | - | - |
| Subtotal | 95.7 | - | 100.0 | 100.0 | 100.0 | - | - |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 93.2 | - | 100.0 | - | - | - | - |
| East Carolina Hlth Aff. | 86.0 | - | - | - | 100.0 | - | - |
| N.C. A&T | 93.2 | - | - | - | - | - | - |
| UNC Charlotte | 96.5 | - | - | 100.0 | - | - | - |
| UNC Greensboro | 95.1 | - | 0.0 | - | - | - | - |
| UNC Wilmington | 100.0 | - | - | 100.0 | - | - | - |
| Subtotal | 94.8 | - | 28.6 | 100.0 | 100.0 | - | - |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 91.0 | - | - | - | - | - | - |
| Fayetteville | 100.0 | - | - | 100.0 | - | - | - |
| NCCU | 90.2 | - | - | - | - | - | - |
| UNC Pembroke | 97.0 | - | 100.0 | 97.1 | 100.0 | - | - |
| Western Carolina | 94.0 | - | - | 100.0 | - | - | - |
| Winston-Salem | 91.1 | - | 100.0 | - | - | - | - |
| Subtotal | 92.9 | - | 99.7 | 98.4 | 100.0 | - | - |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 10.5 | - | - | 0.0 | - | - | - |
| Subtotal | 10.5 | - | - | 0.0 | - | - | - |
| Baccalaureate Colleges: Diverse Fields | | | | | | | |
| Elizabeth City | 86.4 | - | - | 100.0 | - | - | - |
| Subtotal | 86.4 | - | - | 100.0 | - | - | - |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 93.2 | - | - | - | - | - | - |
| Subtotal | 93.2 | - | - | - | - | - | - |
| Teaching Hospitals | | | | | | | |
| UNC Hospitals | 100.0 | - | - | 100.0 | - | - | - |
| Subtotal | 100.0 | - | - | 100.0 | - | - | - |
| Grand Total | 93.0 | - | 90.8 | 96.9 | 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 |
|---|--|---|--|---------------------------------------|
| Research Universities I | | | | |
| NC State | - | 67.9 | 81.0 | - |
| NC State Veterinary Med | - | - | 93.4 | 94.7 |
| UNC-Chapel Hill | - | 100.0 | 100.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | - | 100.0 | 100.0 | 100.0 |
| Subtotal | - | 71.7 | 90.2 | 98.0 |
| Doctoral Universities I & II | | | | |
| East Carolina | - | 15.7 | 91.7 | - |
| East Carolina Hlth Aff. | - | 100.0 | 97.2 | 65.0 |
| N.C. A&T | - | 98.5 | 77.7 | - |
| UNC Charlotte | - | 99.1 | 98.9 | - |
| UNC Greensboro | - | - | 92.2 | 100.0 |
| UNC Wilmington | - | 100.0 | 100.0 | 100.0 |
| Subtotal | - | 90.0 | 92.7 | 65.4 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | - | 100.0 | 62.0 | 100.0 |
| Fayetteville | - | - | 100.0 | - |
| NCCU | - | 99.0 | 96.4 | - |
| UNC Pembroke | - | - | 100.0 | - |
| Western Carolina | 100.0 | 83.7 | 100.0 | - |
| Winston-Salem | - | 100.0 | 100.0 | - |
| Subtotal | 100.0 | 94.8 | 92.4 | 100.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 0.0 | 0.0 | 0.0 | - |
| Subtotal | 0.0 | 0.0 | 0.0 | - |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | - | - | 100.0 | - |
| Subtotal | - | - | 100.0 | - |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | - | - | - | - |
| Subtotal | - | - | - | - |
| Teaching Hospitals | | | | |
| UNC Hospitals | - | - | 100.0 | 79.7 |
| Subtotal | - | - | 100.0 | 79.7 |
| Grand Total | 55.8 | 77.6 | 90.5 | 79.0 |

**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 |
|---|--|--------------------------------------|--|--|
| Research Universities I | | | | |
| NC State | - | 89.3 | 51.9 | 100.0 |
| NC State Veterinary Med | 97.5 | - | 100.0 | - |
| UNC-Chapel Hill | 100.0 | 100.0 | 100.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 99.8 | 100.0 | 100.0 | - |
| Subtotal | 99.2 | 91.2 | 52.5 | 100.0 |
| Doctoral Universities I & II | | | | |
| East Carolina | 67.0 | 100.0 | - | 96.6 |
| East Carolina Hlth Aff. | 57.8 | 100.0 | - | - |
| N.C. A&T | - | 98.1 | 93.3 | 100.0 |
| UNC Charlotte | - | 99.8 | - | - |
| UNC Greensboro | - | 46.3 | - | - |
| UNC Wilmington | 100.0 | 100.0 | - | - |
| Subtotal | 58.9 | 98.6 | 93.3 | 98.0 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | - | 20.5 | - | - |
| Fayetteville | - | 100.0 | - | 100.0 |
| NCCU | - | 100.0 | - | 94.7 |
| UNC Pembroke | - | 100.0 | - | - |
| Western Carolina | 100.0 | 100.0 | - | 100.0 |
| Winston-Salem | - | 86.4 | - | 100.0 |
| Subtotal | 100.0 | 32.4 | - | 95.4 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | - | 0.0 | - | - |
| Subtotal | - | 0.0 | - | - |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | - | 100.0 | - | 100.0 |
| Subtotal | - | 100.0 | - | 100.0 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | - | 100.0 | - | - |
| Subtotal | - | 100.0 | - | - |
| Teaching Hospitals | | | | |
| UNC Hospitals | 89.1 | - | - | - |
| Subtotal | 89.1 | - | - | - |
| Grand Total | 85.4 | 81.7 | 54.8 | 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 |
|---|------------------------|------------------------------|---------------------------------------|--|
| Research Universities I | | | | |
| NC State | 99.1 | 84.4 | 100.0 | 86.8 |
| NC State Veterinary Med | 100.0 | - | 100.0 | 4.0 |
| UNC-Chapel Hill | 100.0 | 100.0 | 100.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 99.7 | 94.7 | 100.0 | 90.4 |
| Doctoral Universities I & II | | | | |
| East Carolina | 95.3 | 100.0 | 99.2 | 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 | 98.6 | 99.9 |
| UNC Greensboro | 85.4 | 100.0 | 31.3 | 85.9 |
| UNC Wilmington | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 96.6 | 95.5 | 72.3 | 91.9 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| 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 | 99.6 | 100.0 | 100.0 | 100.0 |
| Western Carolina | 100.0 | 82.7 | 57.6 | 18.4 |
| Winston-Salem | 100.0 | 92.9 | 100.0 | 100.0 |
| Subtotal | 99.9 | 90.3 | 95.8 | 94.4 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 0.0 | - | 0.0 | 0.0 |
| Subtotal | 0.0 | - | 0.0 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 100.0 | 100.0 | - | 100.0 |
| Subtotal | 100.0 | 100.0 | - | 100.0 |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 100.0 | 100.0 | 100.0 | 42.2 |
| Subtotal | 100.0 | 100.0 | 100.0 | 42.2 |
| Teaching Hospitals | | | | |
| UNC Hospitals | - | - | - | - |
| Subtotal | - | - | - | - |
| Grand Total | 96.1 | 93.9 | 85.7 | 87.3 |

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

| Institution | Ancillary Support 45 | Academic Admin. 46 | Course & Curriculum Dev. 47 | Academic Personnel Dev. 48 |
|---|-------------------------|-----------------------|--------------------------------------|-------------------------------------|
| Research Universities I | | | | |
| NC State | 63.6 | 97.2 | 100.0 | 100.0 |
| NC State Veterinary Med | 100.0 | 98.8 | - | - |
| UNC-Chapel Hill | 100.0 | 100.0 | 100.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 97.1 | 98.8 | 100.0 | 100.0 |
| Doctoral Universities I & II | | | | |
| East Carolina | 100.0 | 89.4 | - | - |
| East Carolina Hlth Aff. | 100.0 | 100.0 | - | - |
| N.C. A&T | 95.2 | 87.3 | - | - |
| UNC Charlotte | - | 98.8 | - | - |
| UNC Greensboro | 87.9 | 93.3 | - | 100.0 |
| UNC Wilmington | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 94.4 | 95.9 | 100.0 | 100.0 |
| Master's (Comprehensive) Universities & Colleges I | | | | |
| Appalachian | 100.0 | 100.0 | 100.0 | - |
| Fayetteville | 100.0 | 100.0 | - | - |
| NCCU | 59.1 | 93.4 | - | 100.0 |
| UNC Pembroke | 100.0 | 98.5 | - | 100.0 |
| Western Carolina | 100.0 | 92.4 | - | 100.0 |
| Winston-Salem | 100.0 | 93.9 | - | - |
| Subtotal | 92.0 | 96.2 | 100.0 | 100.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | |
| UNC Asheville | 0.0 | 0.0 | - | 0.0 |
| Subtotal | 0.0 | 0.0 | - | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | |
| Elizabeth City | 87.5 | 100.0 | - | - |
| Subtotal | 87.5 | 100.0 | - | - |
| Schools of Art, Music, & Design | | | | |
| UNC School of the Arts | 100.0 | 65.4 | - | - |
| Subtotal | 100.0 | 65.4 | - | - |
| Teaching Hospitals | | | | |
| UNC Hospitals | - | - | - | - |
| Subtotal | - | - | - | - |
| Grand Total | 92.3 | 96.5 | 100.0 | 98.1 |

**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 |
|---|--------------------------------------|--|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Research Universities I | | | | | | |
| NC State | 99.6 | 92.3 | 99.3 | 100.0 | 72.1 | 99.0 |
| NC State Veterinary Med | - | - | - | - | 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 | 100.0 | - |
| Subtotal | 99.9 | 96.5 | 99.6 | 100.0 | 86.6 | 99.6 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 93.7 | 86.6 | 70.5 | 100.0 | 99.9 | 83.6 |
| East Carolina Hlth Aff. | - | - | - | - | 51.9 | - |
| N.C. A&T | 77.8 | 92.5 | 100.0 | 100.0 | 79.0 | 69.0 |
| UNC Charlotte | 99.4 | 98.8 | 86.5 | 100.0 | 96.3 | 97.1 |
| UNC Greensboro | 97.0 | 94.3 | 100.0 | - | 84.4 | 84.9 |
| UNC Wilmington | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 95.1 | 94.6 | 91.7 | 99.7 | 93.0 | 87.6 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 100.0 | 99.4 | 100.0 | 97.0 | 75.3 | 100.0 |
| Fayetteville | 100.0 | 43.7 | 100.0 | 100.0 | 63.5 | 98.2 |
| NCCU | 100.0 | 94.0 | 85.1 | 100.0 | 94.5 | 80.7 |
| UNC Pembroke | 99.8 | 77.9 | 100.0 | 100.0 | 90.9 | 96.3 |
| Western Carolina | 100.0 | 98.6 | 100.0 | 100.0 | 55.9 | 94.4 |
| Winston-Salem | 77.1 | 100.0 | 100.0 | 100.0 | 90.2 | 100.0 |
| Subtotal | 91.5 | 93.1 | 96.5 | 98.8 | 76.1 | 96.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0.0 | 0.0 | 0.0 | 0.0 | 17.9 | 0.0 |
| Subtotal | 0.0 | 0.0 | 0.0 | 0.0 | 17.9 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 100.0 | 100.0 | 100.0 | 100.0 | 86.8 | 95.1 |
| Subtotal | 100.0 | 100.0 | 100.0 | 100.0 | 86.8 | 95.1 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 100.0 | 93.0 | 100.0 | 100.0 | 81.9 | - |
| Subtotal | 100.0 | 93.0 | 100.0 | 100.0 | 81.9 | - |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | - | - | - | - | - | - |
| Subtotal | - | - | - | - | - | - |
| Grand Total | 95.5 | 91.4 | 94.5 | 96.1 | 84.8 | 92.9 |

**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 |
|---|-----------------------------------|-----------------------------|--------------------|--------------------|-----------------|------------------------------------|
| Research Universities I | | | | | | |
| NC State | 98.3 | 100.0 | 100.0 | 100.0 | 82.6 | 71.3 |
| NC State Veterinary Med | - | - | 99.4 | 100.0 | 92.2 | 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 | 99.0 | 100.0 | 99.9 | 100.0 | 94.9 | 85.2 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 91.5 | 61.6 | 9.2 | 90.1 | - | 60.3 |
| East Carolina Hlth Aff. | - | 0.0 | 100.0 | 87.6 | 100.0 | 0.0 |
| N.C. A&T | 31.0 | 100.0 | 87.7 | 70.2 | 8.1 | 100.0 |
| UNC Charlotte | 85.5 | 79.3 | 97.0 | 94.2 | 72.1 | - |
| UNC Greensboro | 100.0 | 100.0 | 98.6 | 71.4 | 61.9 | 36.2 |
| UNC Wilmington | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 81.2 | 86.2 | 66.6 | 90.6 | 73.5 | 43.8 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 100.0 | 97.3 | 81.8 | - | 100.0 | - |
| Fayetteville | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| NCCU | 82.4 | 57.2 | 82.5 | 100.0 | 100.0 | 100.0 |
| UNC Pembroke | 100.0 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| Western Carolina | 100.0 | 100.0 | 88.9 | 100.0 | 100.0 | 100.0 |
| Winston-Salem | 100.0 | 93.2 | 98.8 | 96.6 | 100.0 | 100.0 |
| Subtotal | 98.2 | 97.4 | 87.5 | 81.5 | 100.0 | 100.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | - |
| Subtotal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | - |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 100.0 | 100.0 | 100.0 | - | 100.0 | - |
| Subtotal | 100.0 | 100.0 | 100.0 | - | 100.0 | - |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 44.6 | 82.5 | 100.0 | 100.0 | - | 100.0 |
| Subtotal | 44.6 | 82.5 | 100.0 | 100.0 | - | 100.0 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | - | - | 100.0 | 94.3 | - | - |
| Subtotal | - | - | 100.0 | 94.3 | - | - |
| Grand Total | 88.2 | 94.5 | 77.4 | 91.0 | 79.9 | 76.2 |

**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 |
|---|---------------------|-----------------|-------------------------|------------------|----------------------------|----------------------|
| Research Universities I | | | | | | |
| NC State | 100.0 | 98.0 | 98.8 | 60.9 | 55.7 | 97.0 |
| NC State Veterinary Med | - | 100.0 | 100.0 | 31.6 | 100.0 | - |
| UNC-Chapel Hill | 100.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 100.0 | 99.6 | 99.4 | 80.9 | 66.2 | 98.4 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 78.2 | 25.7 | 79.7 | 96.3 | 98.1 | 88.3 |
| East Carolina Hlth Aff. | 100.0 | 75.0 | 91.7 | 100.0 | - | 100.0 |
| N.C. A&T | 100.0 | 100.0 | 99.9 | 94.3 | 100.0 | 100.0 |
| UNC Charlotte | 97.0 | 75.4 | 91.1 | 98.6 | 100.0 | 100.0 |
| UNC Greensboro | 99.8 | 100.0 | 94.9 | 99.1 | 45.3 | 88.6 |
| UNC Wilmington | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 89.5 | 53.6 | 95.2 | 97.9 | 75.8 | 95.7 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 100.0 | 90.8 | 80.1 | 100.0 | 91.7 | 81.3 |
| Fayetteville | 98.0 | 100.0 | 100.0 | 78.4 | 98.4 | 69.4 |
| NCCU | 100.0 | 100.0 | 63.9 | 97.2 | 100.0 | 100.0 |
| UNC Pembroke | 100.0 | 100.0 | 99.7 | 94.1 | 100.0 | 80.5 |
| Western Carolina | 78.1 | 100.0 | 100.0 | 97.3 | 7.2 | 80.4 |
| Winston-Salem | 90.4 | 69.9 | 62.6 | 97.5 | 51.5 | 63.3 |
| Subtotal | 94.8 | 90.4 | 81.9 | 96.9 | 45.2 | 80.2 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Subtotal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 100.0 | 100.0 | 98.8 | 100.0 | 16.9 | 100.0 |
| Subtotal | 100.0 | 100.0 | 98.8 | 100.0 | 16.9 | 100.0 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 88.3 | 100.0 | 93.7 | 100.0 | 100.0 | 35.8 |
| Subtotal | 88.3 | 100.0 | 93.7 | 100.0 | 100.0 | 35.8 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Grand Total | 89.8 | 77.9 | 94.0 | 89.7 | 59.0 | 89.8 |

**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 |
| Research Universities I | | | | | | |
| NC State | 100.0 | - | 78.4 | 92.8 | 86.1 | 61.3 |
| NC State Veterinary Med | - | - | - | 100.0 | 0.0 | - |
| UNC-Chapel Hill | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 100.0 | 100.0 | 100.0 | 100.0 | 77.3 | 100.0 |
| Subtotal | 100.0 | 100.0 | 98.8 | 95.1 | 89.4 | 69.3 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 60.3 | 77.5 | - | 100.0 | 100.0 | 1.6 |
| East Carolina Hlth Aff. | - | 100.0 | - | - | 100.0 | - |
| N.C. A&T | 100.0 | 100.0 | 100.0 | 100.0 | 65.7 | 97.2 |
| UNC Charlotte | 100.0 | 100.0 | - | - | 96.8 | 100.0 |
| UNC Greensboro | 98.2 | 74.0 | - | 100.0 | 100.0 | 0.0 |
| UNC Wilmington | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Subtotal | 94.6 | 92.0 | 100.0 | 100.0 | 95.1 | 38.5 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 85.4 | 17.0 | 100.0 | 100.0 | - | 100.0 |
| Fayetteville | 100.0 | 100.0 | 45.5 | 100.0 | 86.5 | 100.0 |
| NCCU | 29.5 | 100.0 | 100.0 | 99.4 | 85.4 | 88.8 |
| UNC Pembroke | 100.0 | 100.0 | - | - | 100.0 | - |
| Western Carolina | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Winston-Salem | 100.0 | 100.0 | 100.0 | 100.0 | 53.1 | 100.0 |
| Subtotal | 84.7 | 72.1 | 93.3 | 99.8 | 79.1 | 97.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0.0 | 0.0 | - | 0.0 | 45.6 | 0.0 |
| Subtotal | 0.0 | 0.0 | - | 0.0 | 45.6 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 100.0 | 100.0 | - | - | 65.8 | 55.9 |
| Subtotal | 100.0 | 100.0 | - | - | 65.8 | 55.9 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 100.0 | 100.0 | 100.0 | - | 87.7 | 100.0 |
| Subtotal | 100.0 | 100.0 | 100.0 | - | 87.7 | 100.0 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | - | - | - | 100.0 | 100.0 | 100.0 |
| Subtotal | - | - | - | 100.0 | 100.0 | 100.0 |
| Grand Total | 89.2 | 81.8 | 97.9 | 95.1 | 85.1 | 69.1 |

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

| Institution | Total Accessible Area | Classroom Facilities 100 | | Laboratory Facilities 200 | | Office Facilities 300 | |
|--|-----------------------|--------------------------|-------|---------------------------|-------|-----------------------|-------|
| | | ASF | % | ASF | % | ASF | % |
| Research Universities I | | | | | | | |
| NC State | 7,632,724 | 258,693 | 99.7 | 1,598,346 | 96.5 | 1,902,126 | 97.2 |
| NC State Veterinary Med | 429,365 | 7,596 | 97.9 | 97,685 | 95.5 | 95,992 | 98.95 |
| UNC-Chapel Hill | 7,429,954 | 268,744 | 100.0 | 610,972 | 100.0 | 1,696,276 | 99.99 |
| UNC-Chapel Hill Hlth Aff. | 2,549,461 | 89,030 | 100.0 | 815,385 | 100.0 | 1,057,138 | 98.36 |
| Subtotal | 18,041,504 | 624,063 | 99.9 | 3,122,388 | 98.0 | 4,751,532 | 98.5 |
| Doctoral Universities I & II | | | | | | | |
| East Carolina | 2,992,360 | 162,694 | 94.8 | 350,494 | 93.1 | 687,808 | 86.0 |
| East Carolina Hlth Aff. | 843,117 | 42,210 | 98.6 | 146,431 | 96.7 | 351,436 | 82.9 |
| N.C. A&T | 2,089,772 | 132,831 | 92.5 | 328,094 | 90.4 | 421,263 | 90.4 |
| UNC Charlotte | 3,960,604 | 222,809 | 89.5 | 534,357 | 99.6 | 923,362 | 97.6 |
| UNC Greensboro | 2,988,331 | 141,731 | 98.7 | 354,170 | 95.1 | 579,501 | 92.4 |
| UNC Wilmington | 2,760,536 | 182,664 | 100.0 | 285,857 | 100.0 | 501,799 | 100.0 |
| Subtotal | 15,634,720 | 884,939 | 94.8 | 1,999,403 | 95.9 | 3,465,169 | 92.0 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | |
| Appalachian | 2,473,755 | 175,190 | 92.8 | 246,139 | 87.5 | 519,810 | 90.1 |
| Fayetteville | 777,177 | 54,833 | 99.9 | 60,047 | 100.0 | 179,968 | 89.1 |
| NCCU | 1,282,397 | 108,896 | 86.7 | 132,249 | 90.5 | 281,122 | 90.7 |
| UNC Pembroke | 1,099,912 | 108,557 | 98.7 | 68,195 | 99.7 | 208,475 | 95.6 |
| Western Carolina | 1,689,848 | 91,153 | 94.2 | 186,759 | 97.0 | 320,037 | 96.8 |
| Winston-Salem | 1,157,998 | 74,426 | 85.7 | 107,183 | 92.4 | 207,230 | 89.7 |
| Subtotal | 8,481,087 | 613,055 | 92.5 | 800,572 | 92.6 | 1,716,642 | 91.9 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | |
| UNC Asheville | 85,030 | 3,409 | 7.6 | 10,153 | 10.2 | 4,117 | 2.7 |
| Subtotal | 85,030 | 3,409 | 7.6 | 10,153 | 10.2 | 4,117 | 2.7 |
| Baccalaureate Colleges: Div | | 0 | 0.0 | | | | |
| Elizabeth City | 746,170 | 59,732 | 84.5 | 54,791 | 82.0 | 107,432 | 91.4 |
| Subtotal | 746,170 | 59,732 | 84.5 | 54,791 | 82.0 | 107,432 | 91.4 |
| Schools of Art, Music, & Design | | | | | | | |
| UNC School of the Arts | 763,486 | 19,245 | 60.2 | 195,937 | 96.1 | 97,017 | 87.1 |
| Subtotal | 763,486 | 19,245 | 60.2 | 195,937 | 96.1 | 97,017 | 87.1 |
| 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 | 100.0 | 10,829 | 100.0 | 334,517 | 90.0 |
| Grand Total | 44,946,180 | 2,214,369 | 93.1 | 6,194,073 | 95.1 | 10,476,426 | 93.4 |

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 | % |
| Research Universities I | | | | | | | | |
| NC State | 347,998 | 97.4 | 1,016,775 | 58.6 | 752,276 | 95.9 | 315,551 | 72.2 |
| NC State Veterinary Med | 10,739 | 100.0 | 62,277 | 78.9 | 13,240 | 100.0 | 25,158 | 90.4 |
| UNC-Chapel Hill | 633,547 | 100.0 | 950,831 | 100.0 | 856,288 | 100.0 | 453,648 | 100.0 |
| UNC-Chapel Hill Hlth Aff. | 51,551 | 100.0 | 203,311 | 100.0 | 91,925 | 98.8 | 33,569 | 100.0 |
| Subtotal | 1,043,835 | 99.1 | 2,233,194 | 75.2 | 1,713,729 | 98.1 | 827,926 | 87.0 |
| Doctoral Universities I & II | | | | | | | | |
| East Carolina | 189,181 | 98.0 | 312,323 | 85.2 | 383,378 | 96.9 | 53,375 | 30.3 |
| East Carolina Hlth Aff. | 66,762 | 89.3 | 37,671 | 33.2 | 14,224 | 56.1 | 20,229 | 80.7 |
| N.C. A&T | 135,628 | 98.4 | 265,716 | 91.8 | 274,211 | 91.2 | 204,098 | 95.6 |
| UNC Charlotte | 229,639 | 100.0 | 216,135 | 97.3 | 456,134 | 96.5 | 61,143 | 94.1 |
| UNC Greensboro | 111,533 | 83.2 | 109,494 | 88.5 | 508,878 | 91.0 | 236,648 | 86.5 |
| UNC Wilmington | 142,074 | 100.0 | 245,628 | 100.0 | 242,005 | 100.0 | 80,869 | 100.0 |
| Subtotal | 874,817 | 96.0 | 1,186,967 | 87.2 | 1,878,830 | 94.2 | 656,362 | 78.7 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | | | |
| Appalachian | 95,322 | 91.6 | 329,788 | 85.3 | 336,224 | 90.1 | 77,906 | 92.7 |
| Fayetteville | 66,906 | 98.1 | 72,114 | 99.2 | 71,374 | 63.3 | 17,691 | 91.1 |
| NCCU | 99,228 | 95.5 | 116,094 | 91.8 | 155,177 | 97.1 | 11,521 | 44.9 |
| UNC Pembroke | 40,082 | 99.8 | 87,870 | 98.0 | 113,508 | 91.9 | 54,616 | 98.1 |
| Western Carolina | 135,117 | 99.9 | 190,347 | 90.6 | 300,887 | 96.1 | 62,002 | 97.2 |
| Winston-Salem | 57,534 | 97.6 | 107,020 | 100.0 | 150,509 | 99.1 | 37,373 | 86.7 |
| Subtotal | 494,189 | 96.8 | 903,233 | 91.0 | 1,127,679 | 91.4 | 261,109 | 89.5 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | | | |
| UNC Asheville | 0 | 0.0 | 0 | 0.0 | 3,940 | 3.6 | 0 | 0.0 |
| Subtotal | 0 | 0.0 | 0 | 0.0 | 3,940 | 3.6 | 0 | 0.0 |
| Baccalaureate Colleges: Diverse Fields | | | | | | | | |
| Elizabeth City | 35,571 | 92.0 | 87,210 | 95.4 | 91,459 | 92.9 | 16,453 | 98.4 |
| Subtotal | 35,571 | 92.0 | 87,210 | 95.4 | 91,459 | 92.9 | 16,453 | 98.4 |
| Schools of Art, Music, & Design | | | | | | | | |
| UNC School of the Arts | 47,673 | 100.0 | 23,768 | 100.0 | 129,203 | 95.0 | 78,436 | 94.9 |
| Subtotal | 47,673 | 100.0 | 23,768 | 100.0 | 129,203 | 95.0 | 78,436 | 94.9 |
| Teaching Hospitals | | | | | | | | |
| UNC Hospitals | 2,897 | 89.3 | 32,493 | 100.0 | 53,825 | 86.4 | 84,162 | 98.4 |
| Subtotal | 2,897 | 89.3 | 32,493 | 100.0 | 53,825 | 86.4 | 84,162 | 98.4 |
| Grand Total | 2,498,982 | 95.0 | 4,466,865 | 80.1 | 4,998,665 | 92.9 | 1,924,448 | 83.5 |

Table 26. (Continued) Accessible Area by Room Codes

| Institution | Health Care Facilities 800 | | Residential Facilities 900 | | Unclassified Facilities 000 | |
|---|-------------------------------|--------------|-------------------------------|--------------|-----------------------------------|--------------|
| | ASF | % | ASF | % | ASF | % |
| Research Universities I | | | | | | |
| NC State | 29,337 | 98.7 | 1,239,778 | 66.0 | 171,844 | 66.5 |
| NC State Veterinary Med | 116,678 | 96.1 | 0 | - | 0 | 0.0 |
| UNC-Chapel Hill | 23,455 | 100.0 | 1,830,777 | 100.0 | 105,416 | 98.4 |
| UNC-Chapel Hill Hlth Aff. | 175,040 | 99.9 | 431 | 100.0 | 32,081 | 100.0 |
| Subtotal | 344,510 | 98.5 | 3,070,986 | 82.8 | 309,341 | 76.9 |
| Doctoral Universities I & II | | | | | | |
| East Carolina | 6,194 | 83.1 | 844,496 | 100.0 | 2,417 | 1.6 |
| East Carolina Hlth Aff. | 164,154 | 71.7 | 0 | - | 0 | - |
| N.C. A&T | 6,519 | 50.9 | 314,706 | 74.0 | 6,706 | 97.9 |
| UNC Charlotte | 6,586 | 75.7 | 1,216,397 | 96.6 | 94,042 | 99.3 |
| UNC Greensboro | 13,242 | 100.0 | 933,134 | 82.1 | 0 | 0.0 |
| UNC Wilmington | 14,137 | 100.0 | 1,053,623 | 100.0 | 11,880 | 100.0 |
| Subtotal | 210,832 | 73.9 | 4,362,356 | 92.4 | 115,045 | 43.4 |
| Master's (Comprehensive) Universities & Colleges I | | | | | | |
| Appalachian | 11,733 | 100.0 | 613,044 | 74.1 | 68,599 | 100.0 |
| Fayetteville | 2,319 | 100.0 | 151,208 | 68.5 | 100,717 | 94.6 |
| NCCU | 2,318 | 82.6 | 305,532 | 94.0 | 70,260 | 88.6 |
| UNC Pembroke | 3,497 | 100.0 | 415,112 | 89.9 | 0 | - |
| Western Carolina | 3,246 | 100.0 | 357,843 | 43.7 | 42,457 | 100.0 |
| Winston-Salem | 3,213 | 76.0 | 407,514 | 86.9 | 5,996 | 37.1 |
| Subtotal | 26,326 | 94.6 | 2,250,253 | 72.1 | 288,029 | 92.0 |
| Baccalaureate Colleges: Arts & Sciences Focus | | | | | | |
| UNC Asheville | 0 | 0.0 | 62,857 | 21.2 | 554 | 4.2 |
| Subtotal | 0 | 0.0 | 62,857 | 21.2 | 554 | 4.2 |
| Baccalaureate Colleges: Diverse Fields | | | | | | |
| Elizabeth City | 1,574 | 100.0 | 239,234 | 78.9 | 52,714 | 88.6 |
| Subtotal | 1,574 | 100.0 | 239,234 | 78.9 | 52,714 | 88.6 |
| Schools of Art, Music, & Design | | | | | | |
| UNC School of the Arts | 1,259 | 41.0 | 130,156 | 81.7 | 40,792 | 92.6 |
| Subtotal | 1,259 | 41.0 | 130,156 | 81.7 | 40,792 | 92.6 |
| Teaching Hospitals | | | | | | |
| UNC Hospitals | 619,856 | 84.2 | 3,785 | 100.0 | 41,893 | 100.0 |
| Subtotal | 619,856 | 84.2 | 3,785 | 100.0 | 41,893 | 100.0 |
| Grand Total | 1,204,357 | 85.6 | 10,119,627 | 82.2 | 848,368 | 74.5 |

Institutional Index

| Institutional Index | | | | |
|---------------------------------|---------|-----------|-------------|----------------------|
| Institution | Level * | FICE Code | County | City |
| Appalachian State University | 3 | 002906 | Watauga | Boone 28608 |
| East Carolina University | 2 | 002923 | Pitt | Greenville 27858 |
| ECU-Health Affairs | 2 | | Pitt | Greenville 27858 |
| Elizabeth City State University | | 002929 | Pasquotank | Elizabeth City 27909 |
| Fayetteville State University | 3 | 002928 | Cumberland | Fayetteville 28301 |
| N. C. A&T State University | 2 | 002905 | Guilford | Greensboro 27411 |
| N. C. Central University | 3 | 002950 | Durham | Durham 27707 |
| N. C. State University | 1 | 002972 | Wake | Raleigh 27695 |
| NCSU Veterinary School | 1 | | Wake | Raleigh 27695 |
| UNC Asheville | | 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 | | 003981 | Forsyth | Winston-Salem 27117 |
| UNC Pembroke | 3 | 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 Research Universities I, a "2" for Doctoral Universities I & II, a "3" for Master's Comprehensive Universities I, a "4" for Baccalaureate Colleges: Arts & Sciences Focus, a "5" for Baccalaureate Colleges: Diverse Fields, and a "6" for Schools of Art, Music, & Design.

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Index

- Academic administration (subprogram), 47-48, 98
- Academic computer support (subprogram), 47-48, 97
- Academic facilities, 5, 6
 - per FTE student, 6
- Academic personnel development (subprogram), 47-48, 98
- Academic support:
 - program, 39, 41, 92
 - subprograms, 47-48, 97-98
- Address, institutional, 107
- Administrative computing support (subprogram), 53-54, 101
- Age of buildings, 77-79,
- Ancillary support (subprogram), 47-48, 98
- Assignable square feet, 37-38, 89-90
 - distribution among programs, 39-55
 - distribution among room codes, 57-62
 - per student station, 27-29, 63-66
 - to gross square feet (ratio), 37-38
- Assignable square feet of academic facilities: See “Academic facilities”
- Average weekly room hours of instruction:
 - in classrooms, 7-8, 25, 27-28
 - in class labs, 9-10, 25, 27-28
- Average weekly use of student stations:
 - in classrooms, 11-12, 27-28
 - in class labs, 13-14, 27-28
- Building cost, 73-75
- Building maintenance (subprogram), 49, 51, 100
- Buildings:
 - age of, 77-79
 - condition of, 81-83, 85-87
 - number of, 74-75
 - number of, 65-66
 - stations in, 65-66
 - utilization, 9-10, 13-14, 16, 17-19, 21-25, 27-28
- Classrooms:
 - accessibility to mobility impaired, 103-106
 - number of, 63-64
 - space, 90, 94-95
 - stations in, 63-64
 - utilization, 7-8, 11-12, 16, 17-19, 21-25, 27-28
- Clock hours: See “Student clock hours”
- Community services (subprogram), 44, 46, 96
- Condition of buildings, 81-83, 85-87
- Conference rooms, 28, 61
- Construction costs, 85-86
- Cooperative extension services (subprogram), 44, 46, 96
- Cost:
 - of construction, 85-86
 - to renovate or replace, 85-87
- Counseling & career guidance (subprogram), 49-50, 99
- Course & curriculum development (subprogram), 47-48, 98
- Custodial services (subprogram), 49, 51, 100
- Daytime instruction, 7, 13
 - in classrooms, 7-8, 11-12
 - in class labs, 8-9, 13-14
- Direct patient care (subprogram), 43, 46, 95
- Educational media services (subprogram), 47-48, 97
- Enrollments:
 - full-time equivalent (FTE), 5-6, 31-33
- Estimated replacement cost: See “Replacement value”
- Executive management (subprogram) 53-54, 101
- Extension services: See “Cooperative extension service”
- Faculty & staff auxiliary services (subprogram), 53-54, 101

FCAP, 81

Financial aid administration (subprogram), 49-50, 99

Full-time equivalent (FTE) enrollment, 5-6, 31-33

General academic instruction (subprogram), 43,45, 94

General studies, nondegree (subprogram), 43,45, 94

General use facilities, 57, 59, 61, 105

Gross square feet, 37-38, 73-75

Health care supportive services (subprogram), 44, 46, 96

Home & family life instruction, nondegree (subprogram), 43, 45, 94

High school enrollments, x, 33

Independent operations:
 program, 40, 42, 93
 subprograms, 53, 55, 102

Independent operations/external agencies (subprogram), 53, 55, 102

Independent operations/institutional (subprogram), 53, 55, 102

Individual or project research (subprogram), 43, 46, 95

Institutes & research centers (subprogram), 43, 46, 95

Institutional administration:
 program, 39, 42, 93
 subprograms, 53-54, 101-102

Instruction:
 Program, 39, 41, 92
 subprograms, 43-46, 94-95

Instructional & library space, 3-4

Intercollegiate athletics (subprogram), 49-50, 99

Laboratories, 57-58, 104
 See also "Class laboratories)

Landscape & ground maintenance (subprogram), 49, 51, 100

Libraries, 29

Library service (subprogram), 47-48, 97

Limitations and special situations, ix-x

Major repairs & renovations (subprogram), 49

Medical care facilities, see Health care supportive services"

Medical schools, ix-x,

Museums & galleries (subprogram), 47-48, 97

Net-to-gross ratio, 37-38

Nighttime instruction, 7, 13
 in classrooms, 7-8, 11-12
 in class labs, 8-9, 13-14

Occupation-related instruction, nondegree (subprogram), 43-44, 94

Offices, 28, 57-58, 104

Ownership of buildings, 69-71

Parking decks, 37

Percent student station utilization, 15-16, 25

Personal interest & leisure instruction, nondegree (subprogram), 43, 46, 95

Physical plant administration (subprogram), 49, 51, 100

Physical plant operations:
 program, 39, 42, 93
 subprograms, 49-51, 99-100

Potential student hours of instruction, 15

Program classification structure, 39-40, 43-44, 47, 49, 53

Public broadcasting services (subprogram), 44, 46, 96

Public relations/development (subprogram), 53-54, 101

Public services:
 program, 39, 41, 92
 subprograms, 43-44, 46, 95-96

Renovations, 85-87

Replacement value, 85-87

Requisite preparatory/remedial instruction, (subprogram), 43, 45, 94

Research:

- program, 39, 41, 92
- subprograms, 43, 46, 95
- Vocational/technical instruction (subprogram), 43, 45, 94
- Residential facilities, 60-63, 106
- Room codes, 61-62
- Room hours of instruction, total:
 - in classrooms, 7-8, 25
 - in class labs, 9-10, 25
- Section 504 of the Rehabilitation Act of 1973, 89, 108
- Social & cultural development (subprogram), 70, 73-74, 115-116
- Social roles/interaction instruction, nondegree (subprogram), 43, 45, 94
- Space factors, 21-24
- Space standards, 27-29
- Special use facilities, 57-58, 61, 105
- Square feet: See “Assignable square feet,” “Gross square feet”
- Stations: See “Student stations”
- Student auxiliary services (subprograms), 49-50, 99
- Student clock hours, x, 3-4, 17-19
- Student financial support, 39
- Student health/medical services (subprogram), 49, 51, 100
- Student records (subprogram), 53-54, 102
- Student recruitment & admissions (subprogram), 53-54, 102
- Student services:
 - program, 39, 42, 92
 - subprograms, 49-51, 99-100
- Student stations, 11-16, 25, 63-66
 - assignable square feet per, 27-29, 63-66
- Study facilities, 29, 57-58, 105
- Supporting facilities, 49-51, 99-100
- Unassigned space:
 - program, 40, 42, 93
 - subprogram, 53, 55, 102
- Unclassified space, 57, 60, 106
- Utilities (subprogram), 49, 51, 100

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.

Appalachian State University..... A1

East Carolina University..... A5

Elizabeth City State University..... A9

Fayetteville State University..... A13

North Carolina Agricultural & Technical State University..... A17

North Carolina Central University A21

North Carolina State University..... A25

University of North Carolina Asheville..... A29

The University of North Carolina at Chapel Hill..... A33

University of North Carolina Charlotte..... A37

University of North Carolina Greensboro A41

University of North Carolina Pembroke A45

University North Carolina Wilmington A49

University of North Carolina School of the Arts A53

Western Carolina University..... A57

Winston-Salem State University..... A61

Legend A65

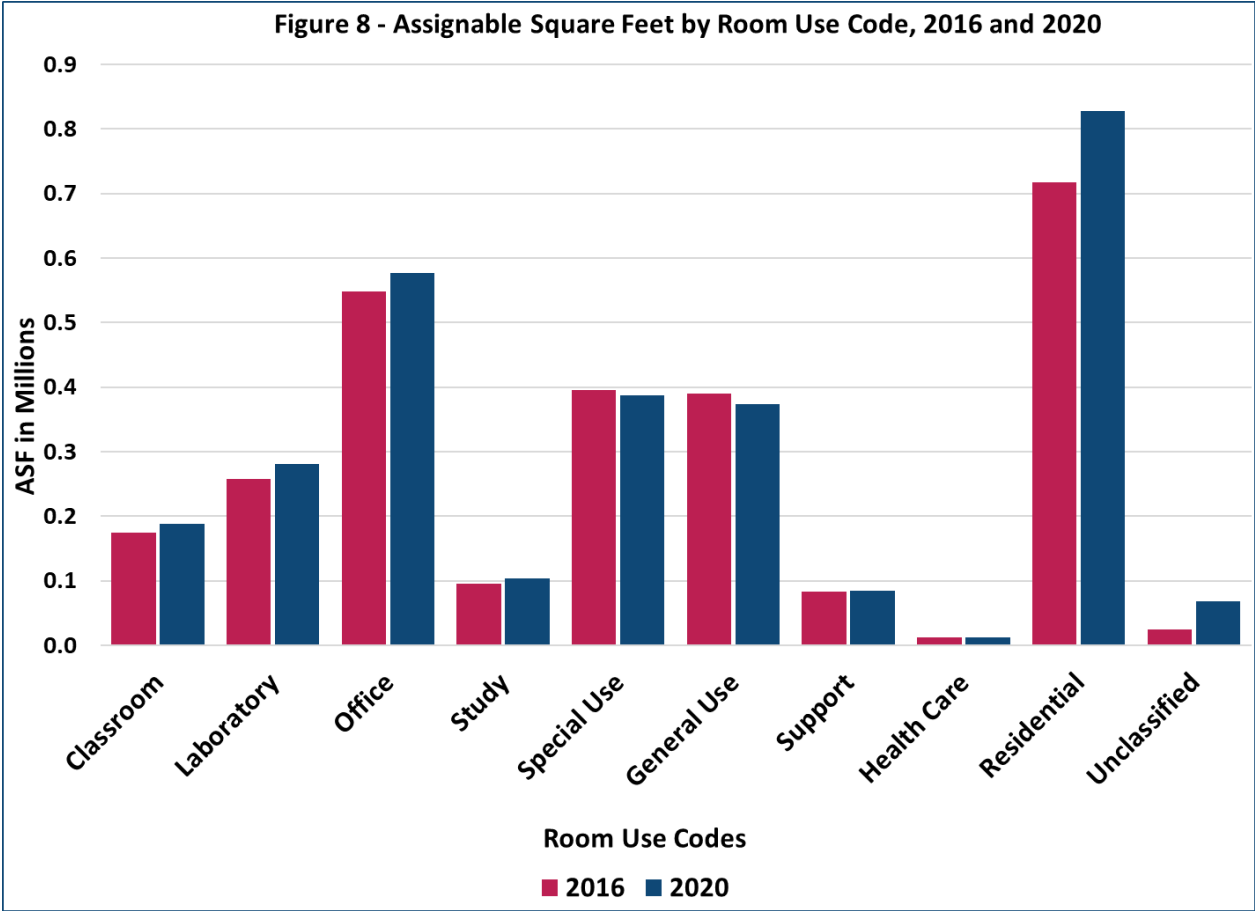
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Appalachian State University began as a training school for teachers and has transformed, since its founding in 1899, to a premier public undergraduate institution. Located in the Blue Ridge Mountains in Boone, the university prepares students to lead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

Room Space Characteristics

In 2020, the assignable square feet at ASU increased from 2,812,406 to 2,902,433, or 3.2% from the previous year.

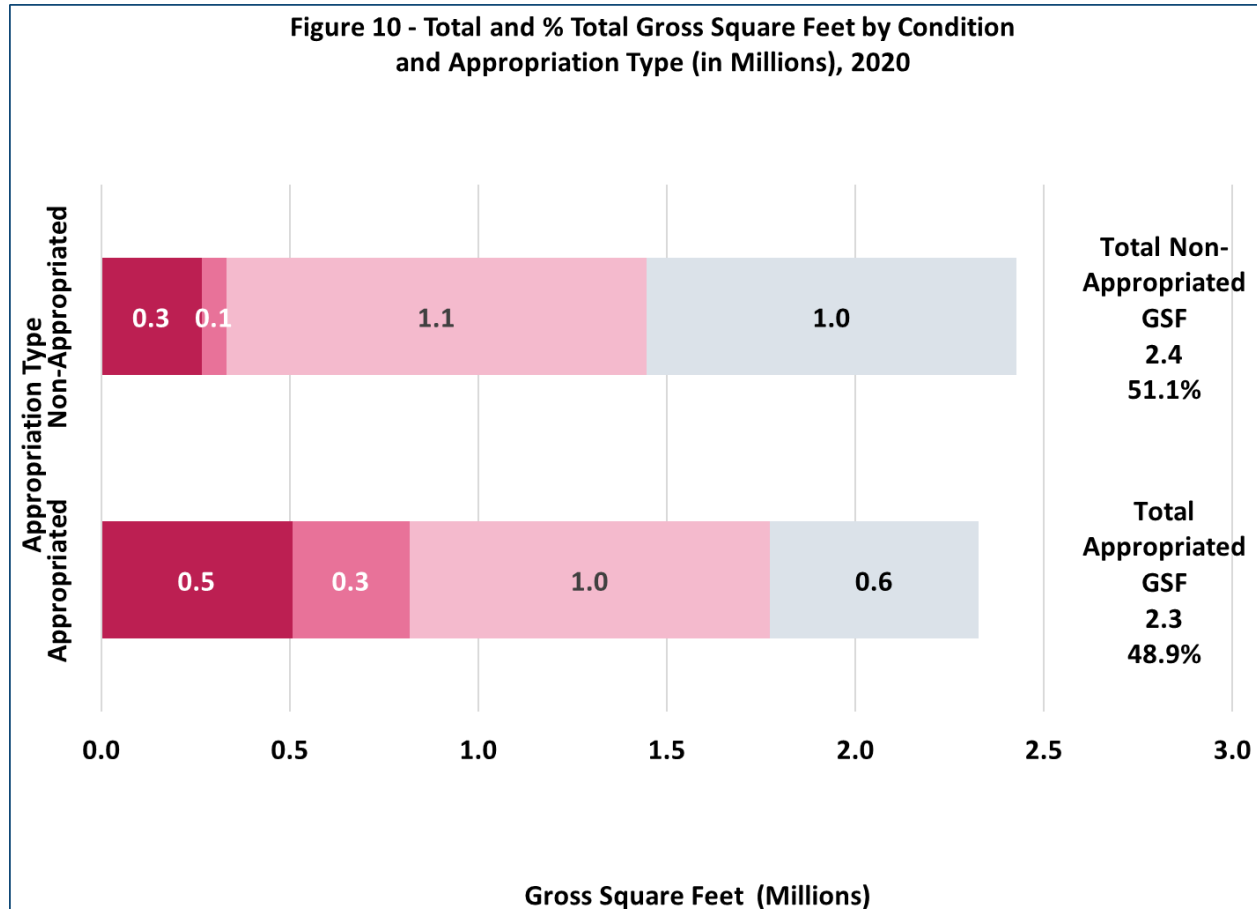
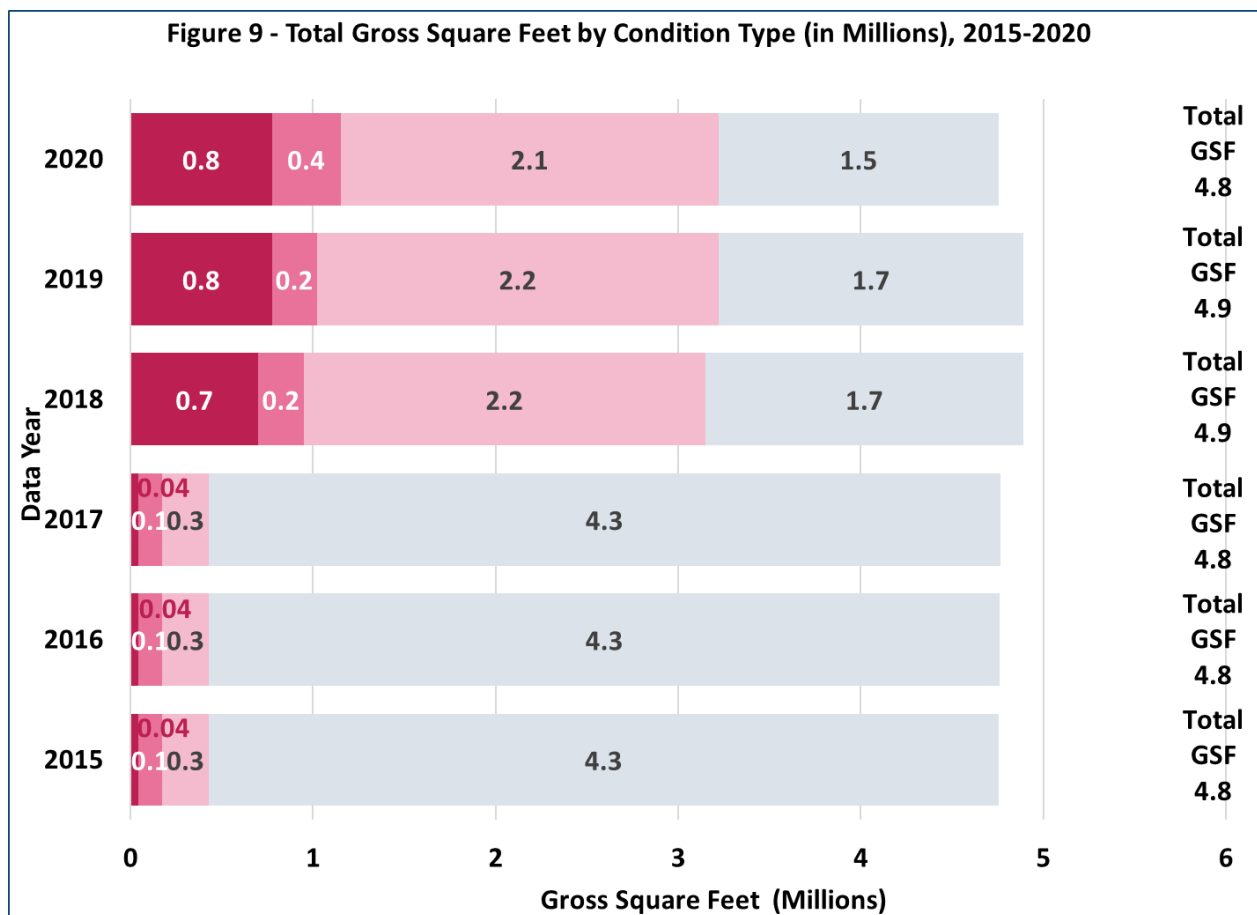
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 878,908 | 30.3% | 29.7% | 0.6% |
| Research | 16,463 | 0.6% | 0.6% | -0.1% |
| Public Service | 76,727 | 2.6% | 2.8% | -0.2% |
| Student Service | 1,513,367 | 52.1% | 51.0% | 1.1% |
| Other | 416,968 | 14.4% | 15.8% | -1.4% |

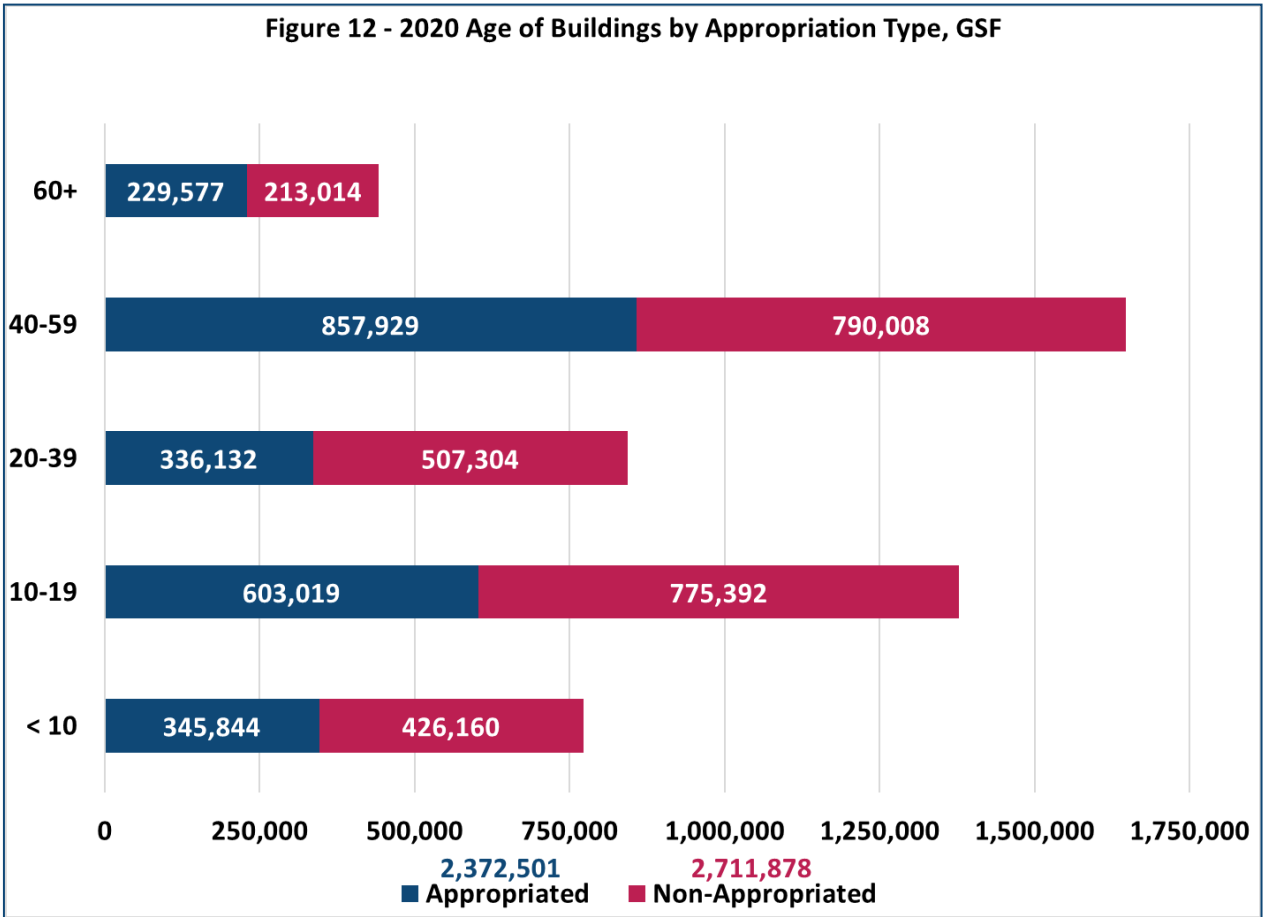
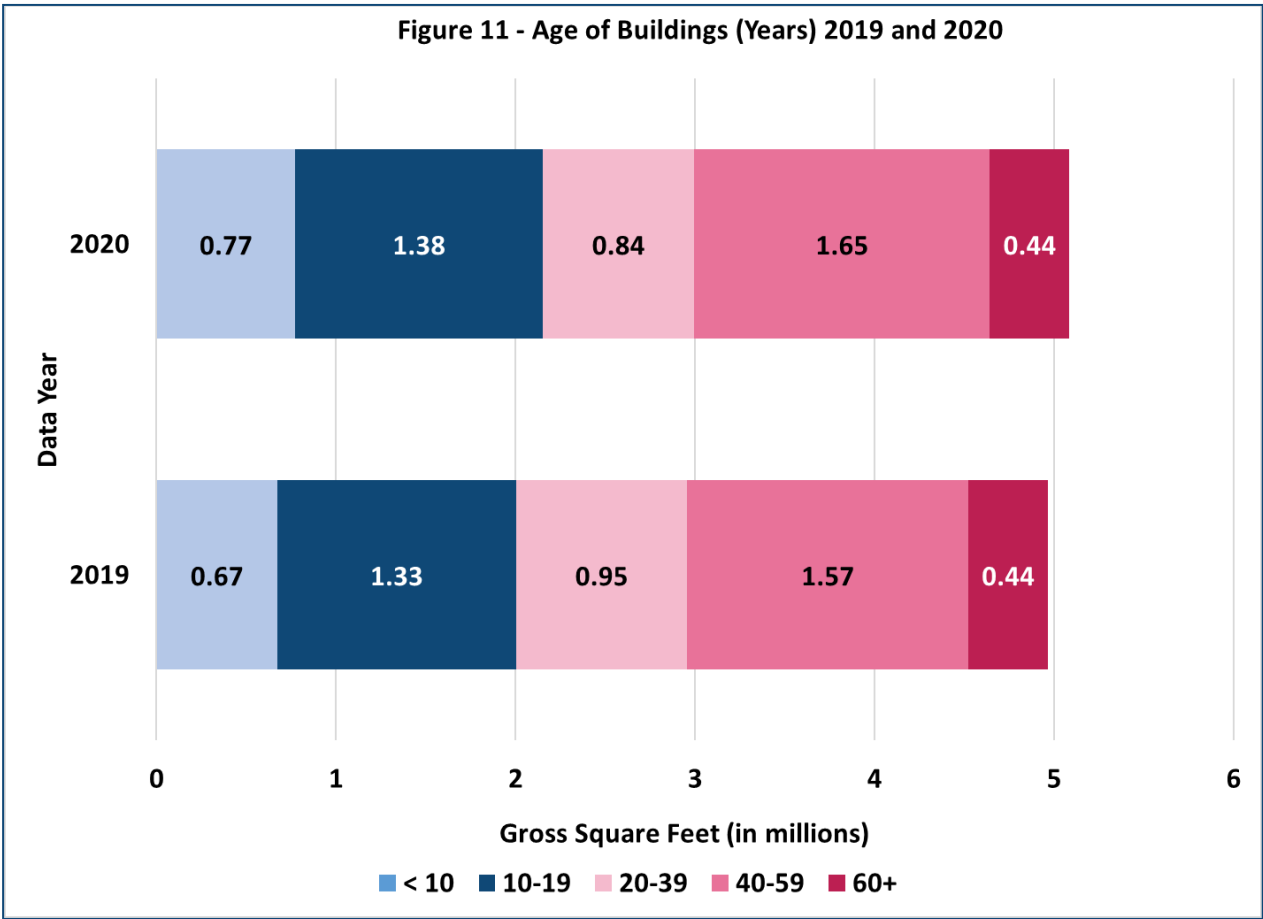


Building Characteristics

Appalachian State University has 5,084,379 gross square feet of space comprised of 93 buildings (24 residential, 69 non-residential; 45 appropriated, 48 non-appropriated; 65 owned, 1 leased, 27 under other agreement terms) with 2,902,433 square feet of assignable space, having increased by 3.3% with in the last five years. Since 2019, gross square footage has increased by 119,859 SF, or 2.4%.

| Appalachian State University Building Characteristics | |
|---|--------------------|
| 92 Total Buildings | |
| | 65 Owned |
| 45 Appropriated | 1 Leased |
| 48 Non-appropriated | 27 Other Agreement |
| 93 Total | 93 Total |



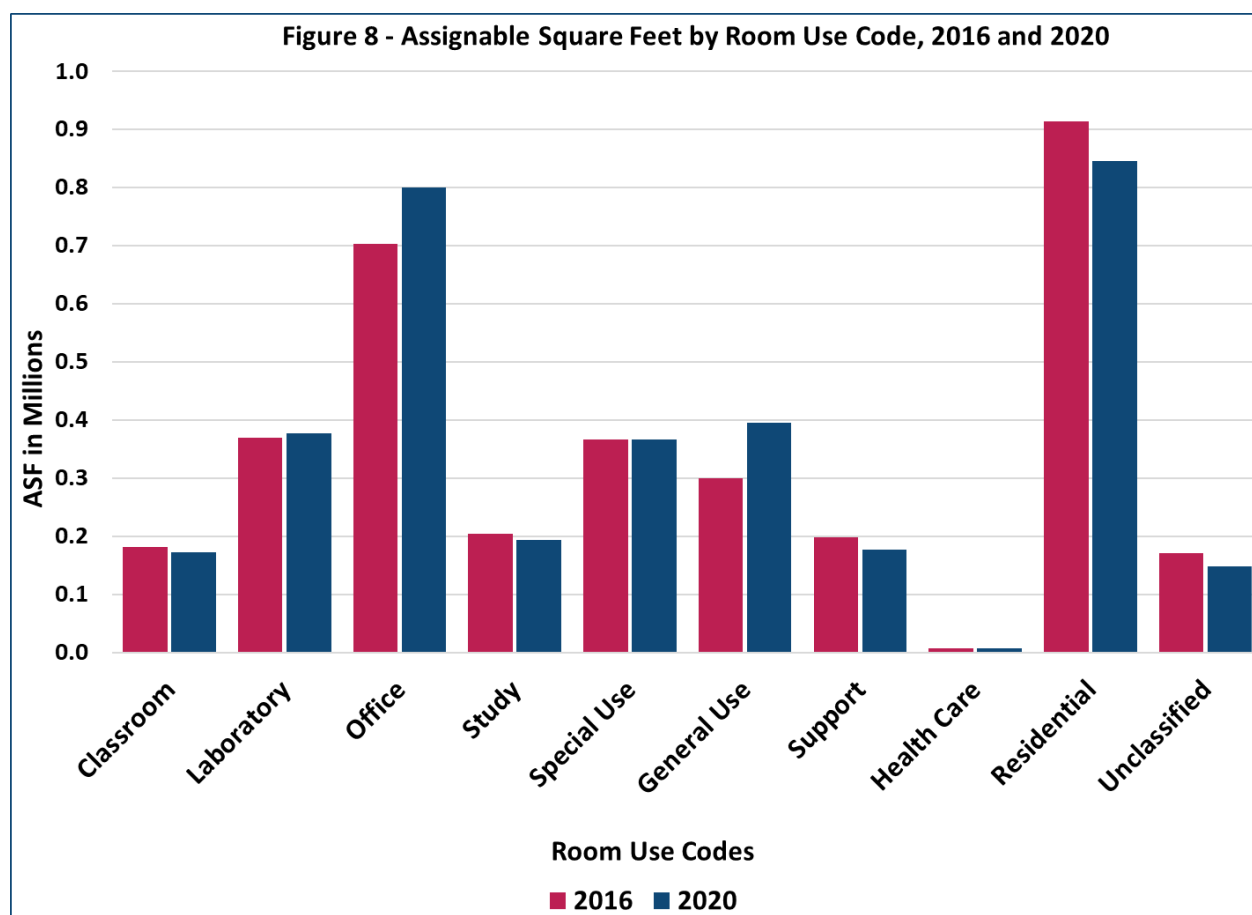


Founded as a teachers college in 1907, East Carolina University is today the only public university in the state with a dental school, medical school, and college of engineering. Located in Greenville, ECU's motto is *Servire*, "service," and its faculty, staff, and almost 29,000 students live by this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

Room Space Characteristics

In 2020, the assignable square feet at ECU decreased from 3,478,085 to 3,478,085, or -0.3% from the previous year.

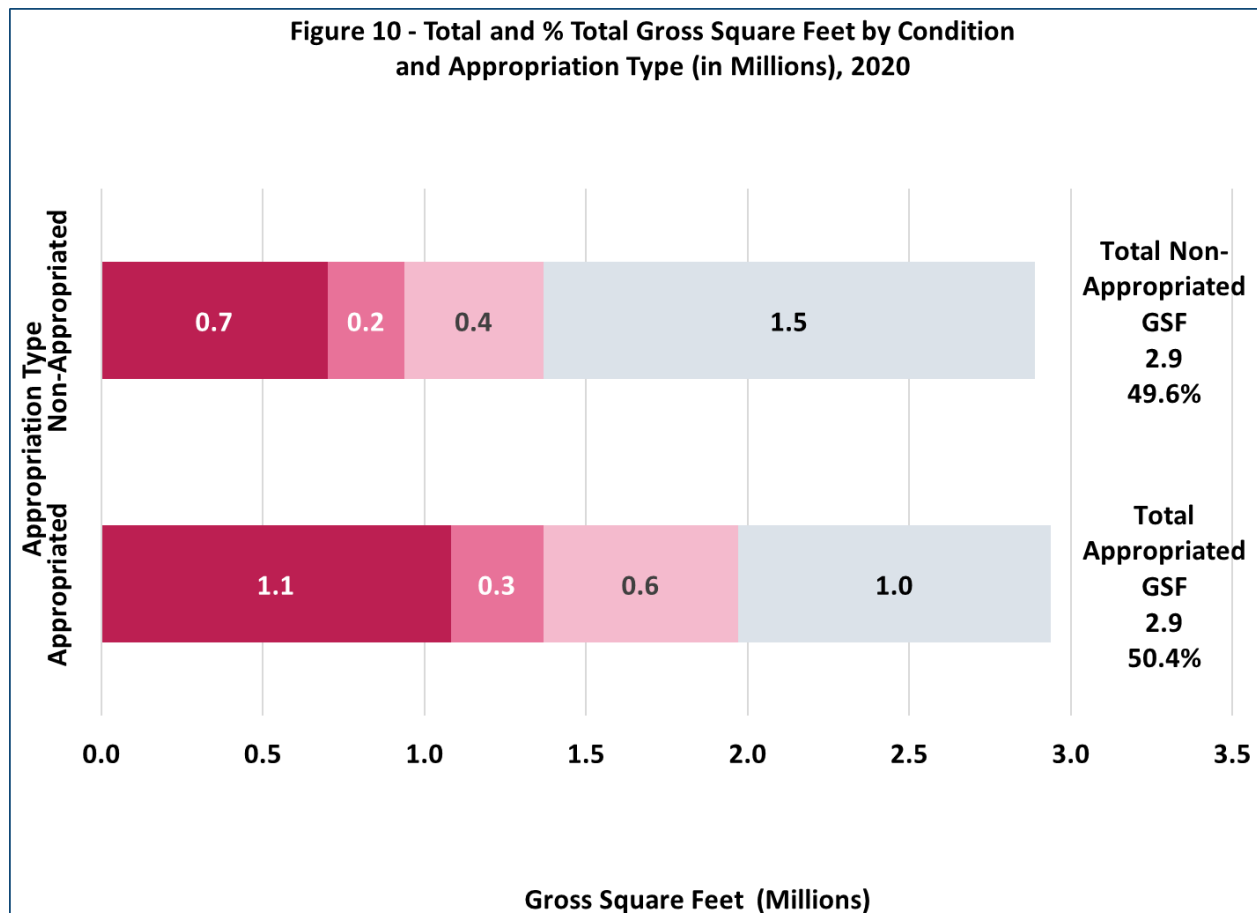
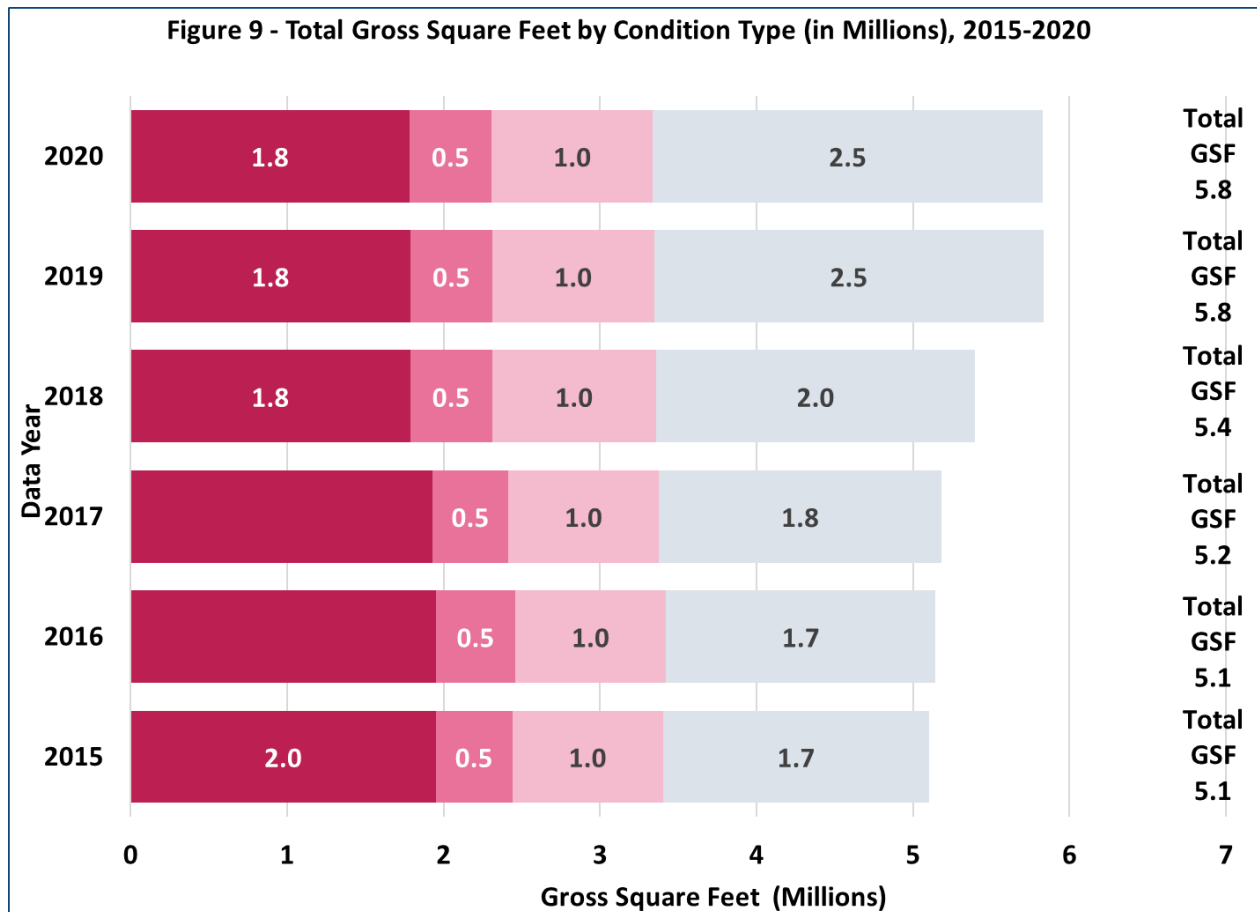
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 1,007,948 | 29.0% | 28.9% | 0.1% |
| Research | 108,538 | 3.1% | 3.3% | -0.2% |
| Public Service | 9,669 | 0.3% | 0.6% | -0.3% |
| Student Service | 1,596,423 | 45.9% | 44.5% | 1.4% |
| Other | 756,400 | 21.7% | 22.8% | -1.0% |

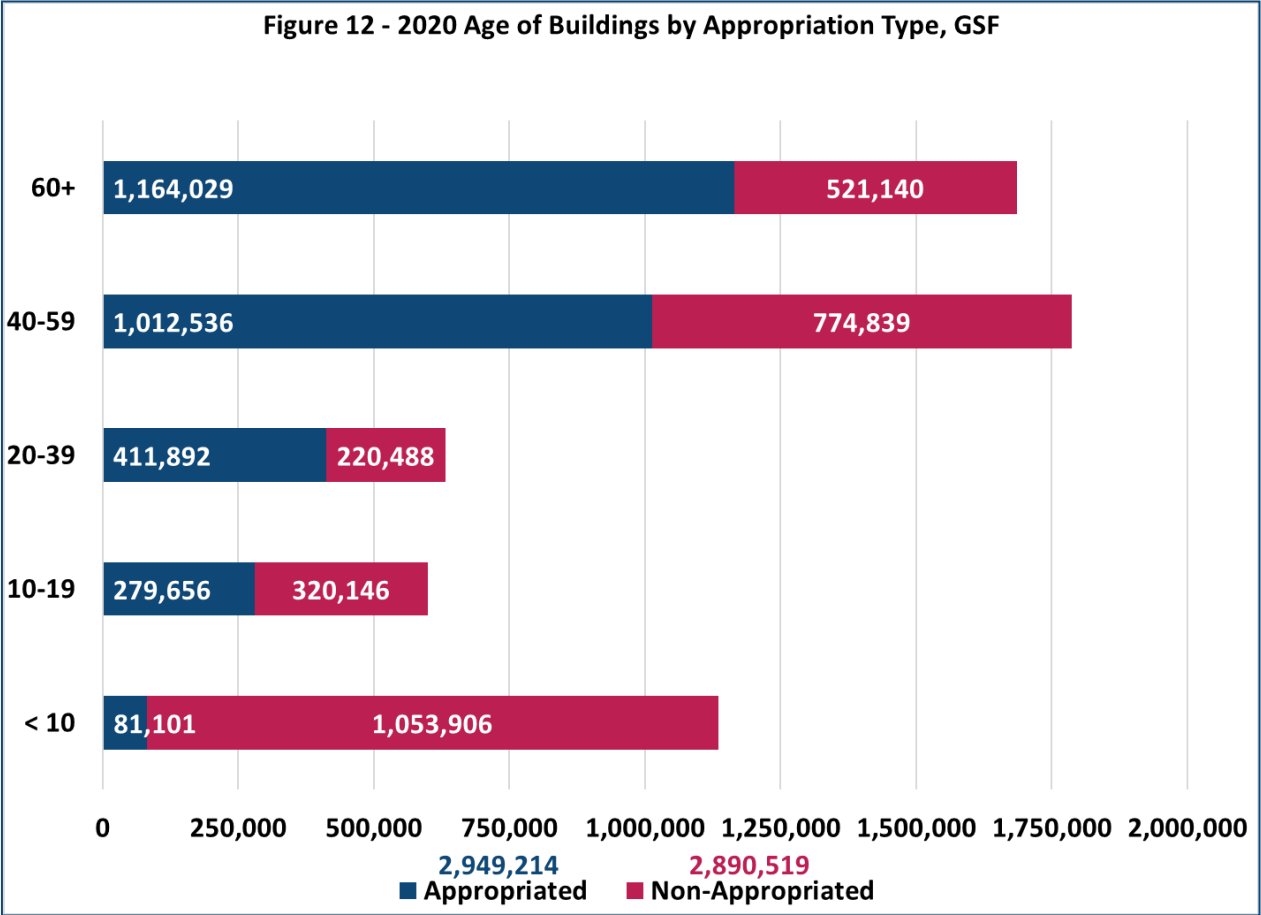
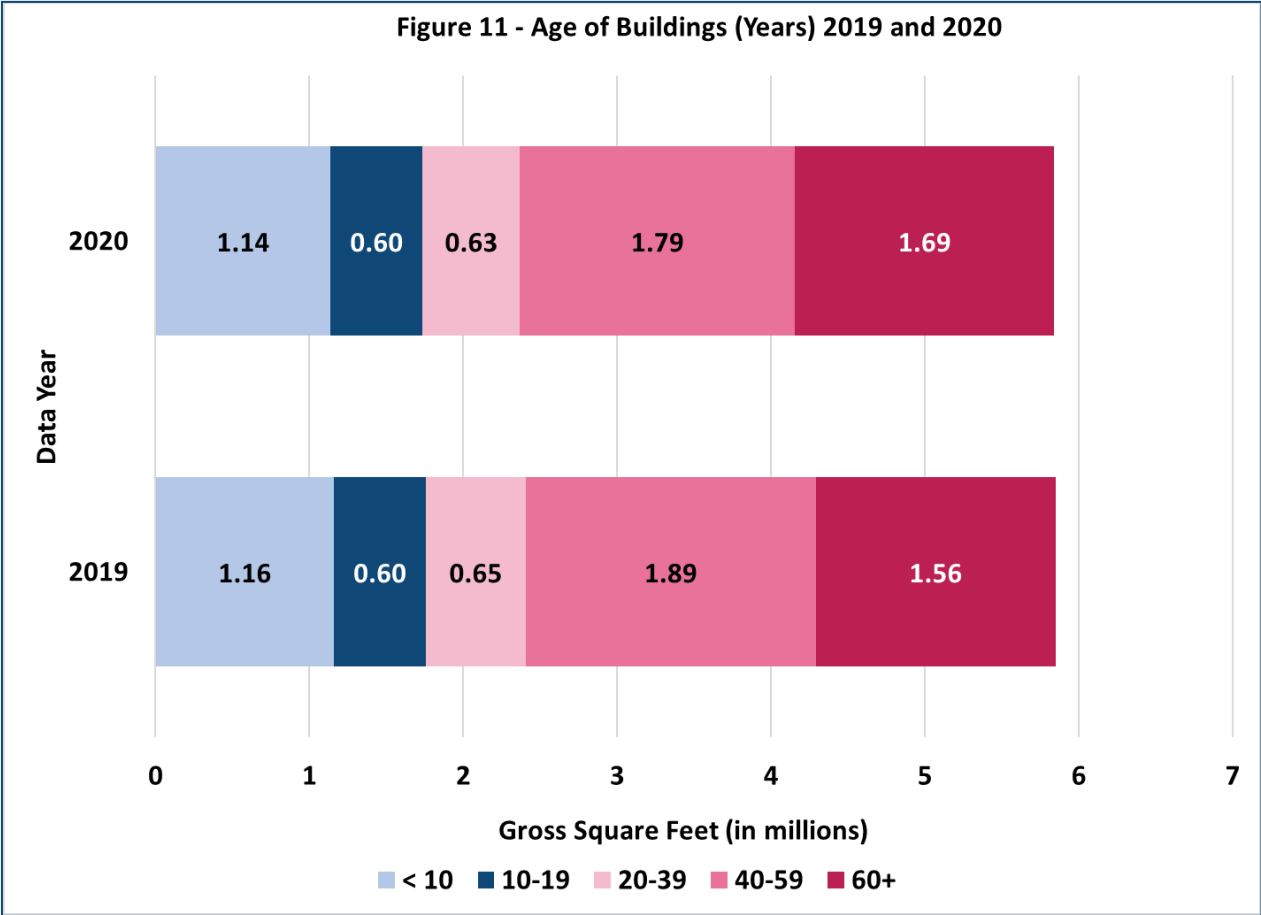


Building Characteristics

East Carolina University has 5,839,733 gross square feet of space comprised of 167 buildings (18 residential, 149 non-residential; 103 appropriated, 64 non-appropriated; 143 owned, 12 leased, 12 under other agreement terms) with 3,478,978 square feet of assignable space, having increased by 1.9% within the last five years. Since 2019, gross square footage has decreased -8,361 SF, or -0.1%.

| East Carolina University Building Characteristics | |
|---|--------------------|
| 167 Total Buildings | |
| 103 Appropriated | 143 Owned |
| 64 Non-appropriated | 12 Leased |
| 167 Total | 12 Other Agreement |
| | 167 Total |





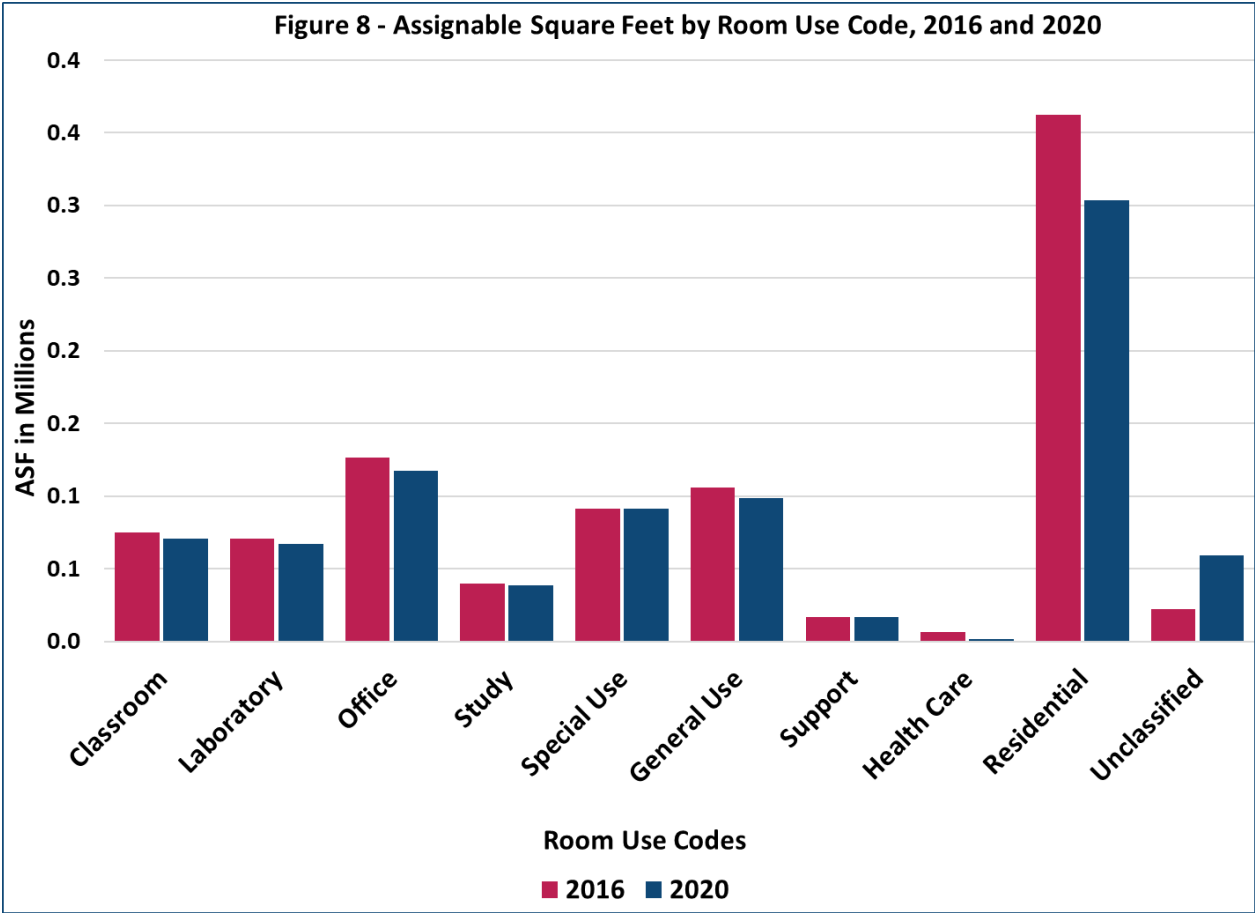
Elizabeth City State University Summary

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 room space characteristics and building characteristics at the university.

Room Space Characteristics

In 2020, the assignable square feet at ECSU remained at 864,764 compared to the previous year.

| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 263,126 | 30.4% | 28.7% | 1.7% |
| Research | 2,774 | 0.3% | 0.3% | 0.0% |
| Public Service | 18,787 | 2.2% | 2.1% | 0.1% |
| Student Service | 398,958 | 46.1% | 47.9% | -1.8% |
| Other | 181,119 | 20.9% | 21.0% | 0.0% |



Building Characteristics

Elizabeth City State University has 1,301,088 gross square feet of space comprised of 52 buildings (14 residential, 38 non-residential; 31 appropriated, 21 non-appropriated; 49 owned, 0 leased, 3 under other agreement terms) with 864,764 square feet of assignable space, having decreased by -5.7% within the last five years. Since 2019, gross square footage has remained unchanged.

| Elizabeth City State University Building Characteristics | |
|--|--------------------------|
| 52 Total Buildings | |
| 31 Appropriated | 49 Owned |
| 21 Non-appropriated | 0 Leased |
| <u>52 Total</u> | <u>3 Other Agreement</u> |
| | 52 Total |

Figure 9 - Total Gross Square Feet by Condition Type (in Millions), 2015-2020

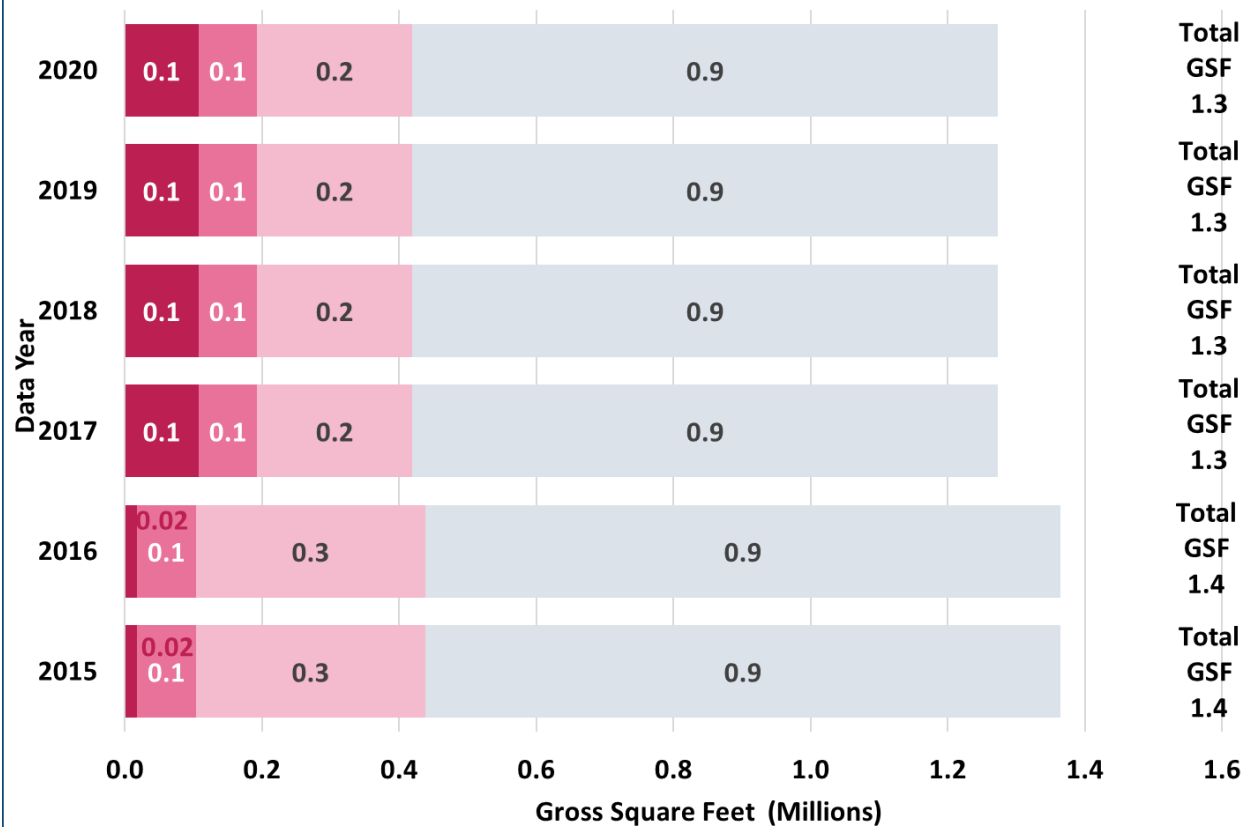
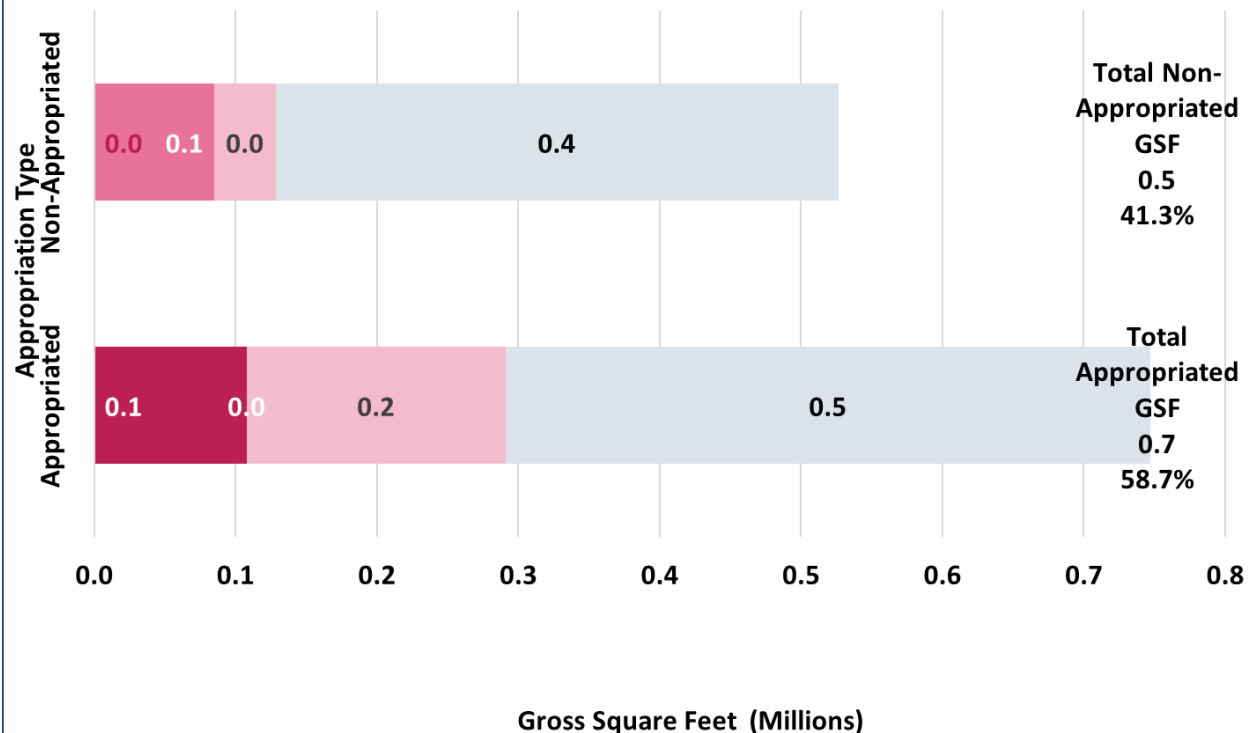
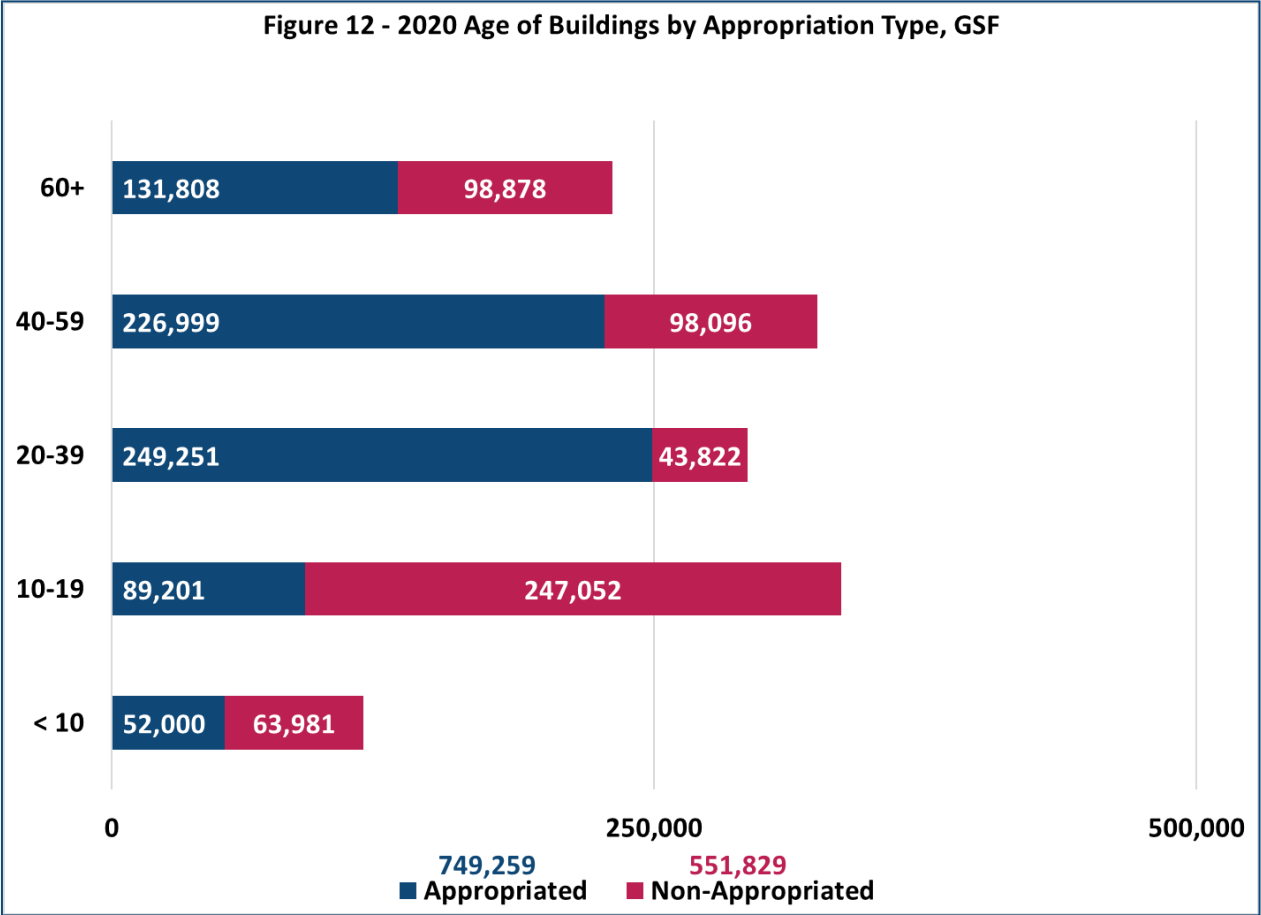
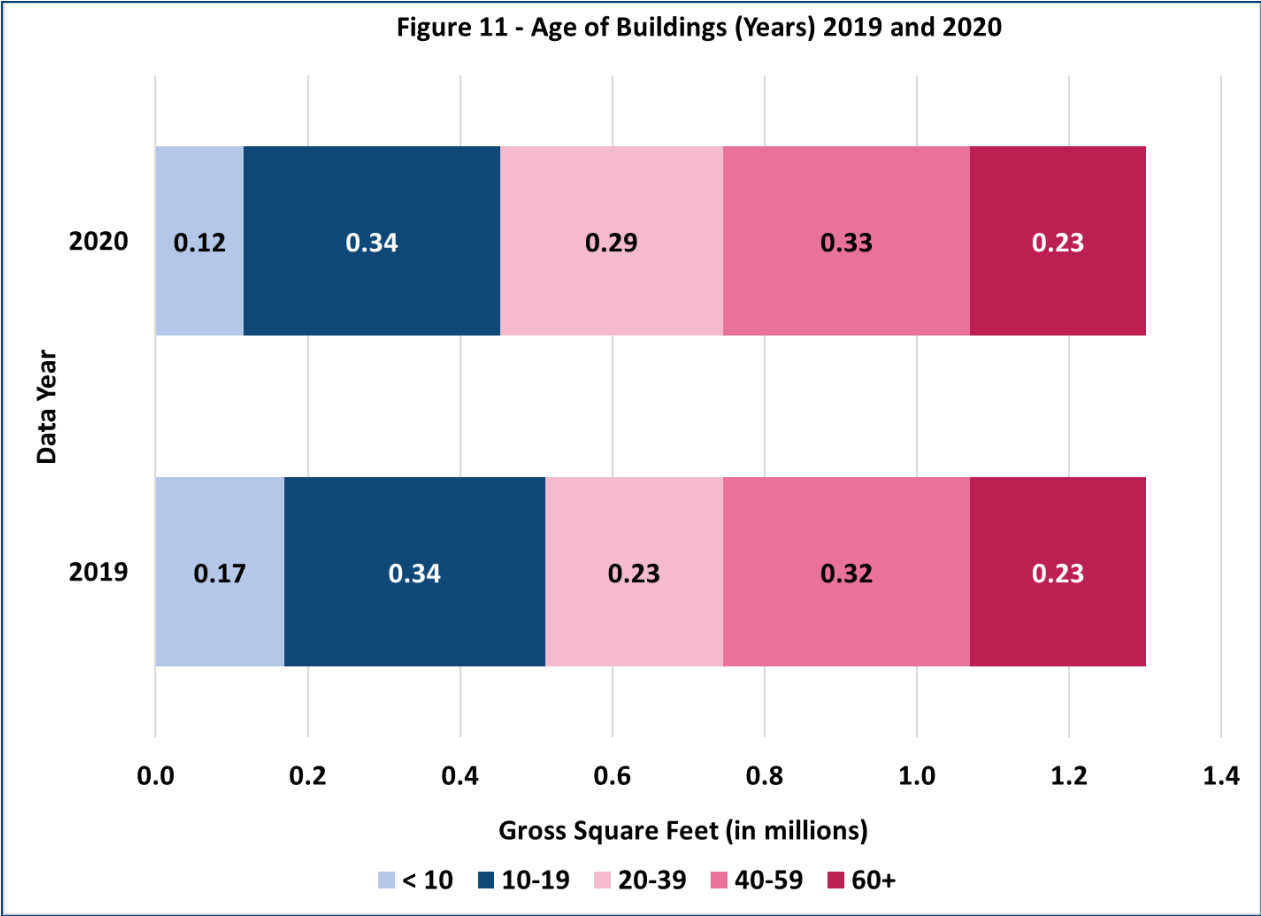


Figure 10 - Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020





Fayetteville State University Summary

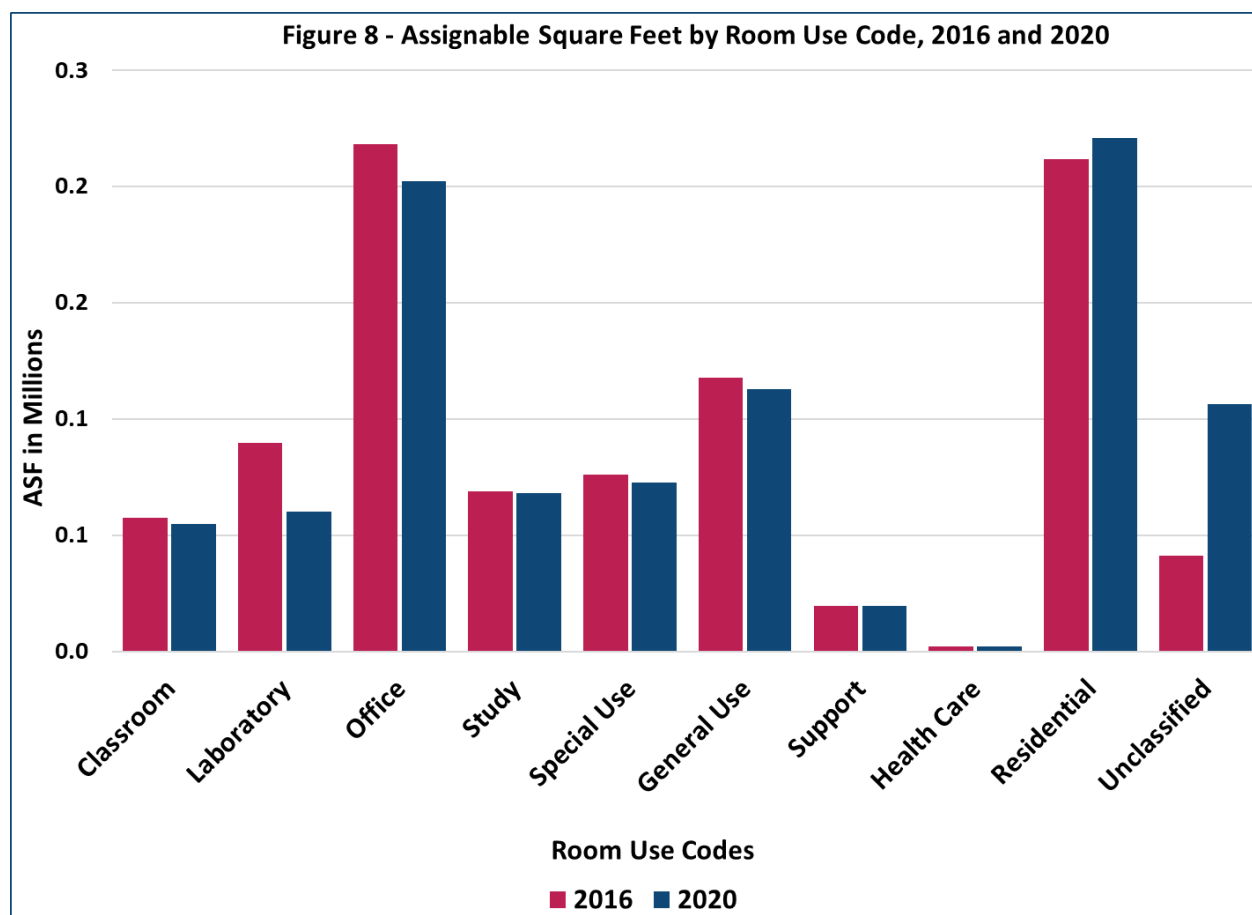


Founded in 1867 in the city of Fayetteville, Fayetteville State University continues the proud legacy of providing a high quality, affordable education. FSU offers 43 degree programs and has options for online learning or the traditional HBCU campus life experience. The figures below focus on room space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

Room Space Characteristics

In 2020, the assignable square feet at FSU remained unchanged from the previous year at 919,639.

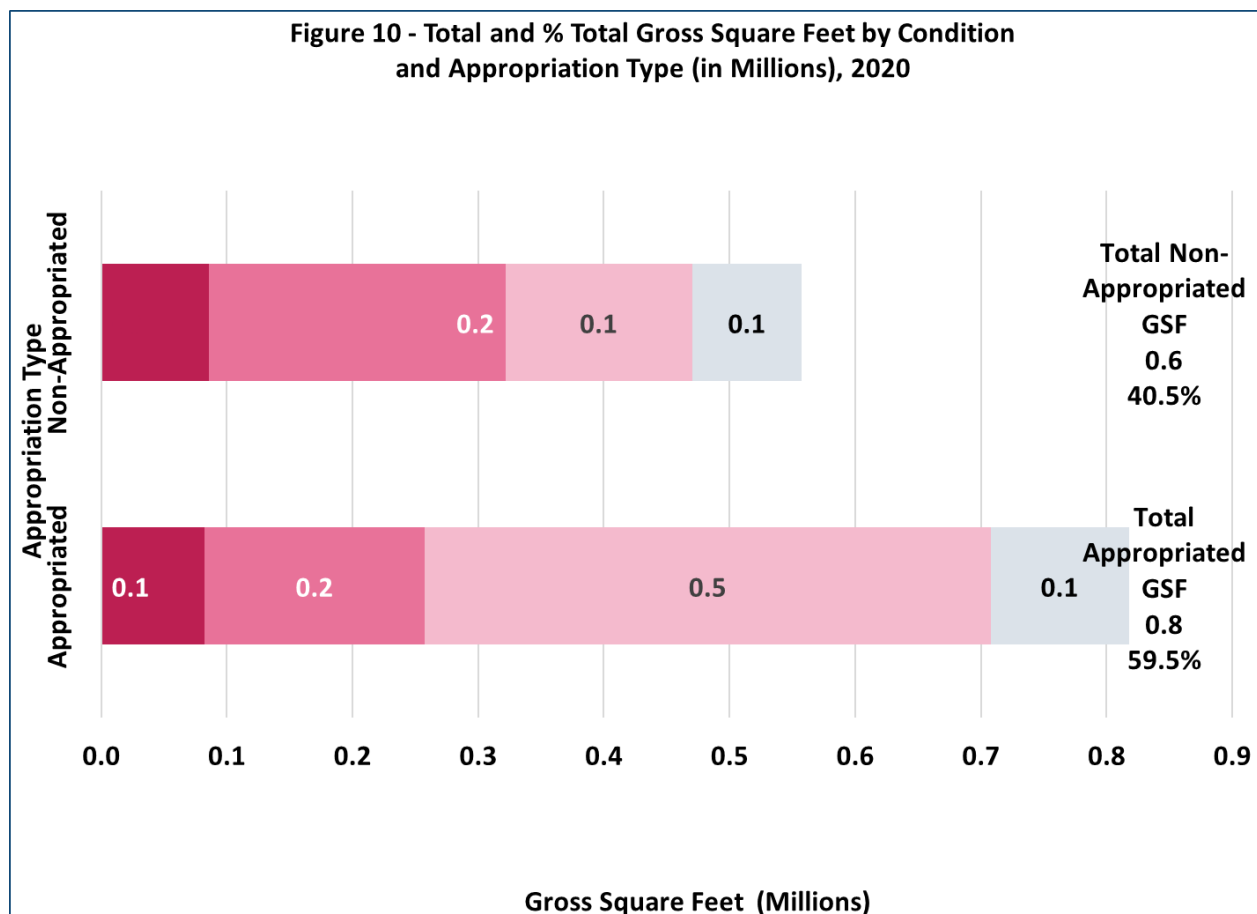
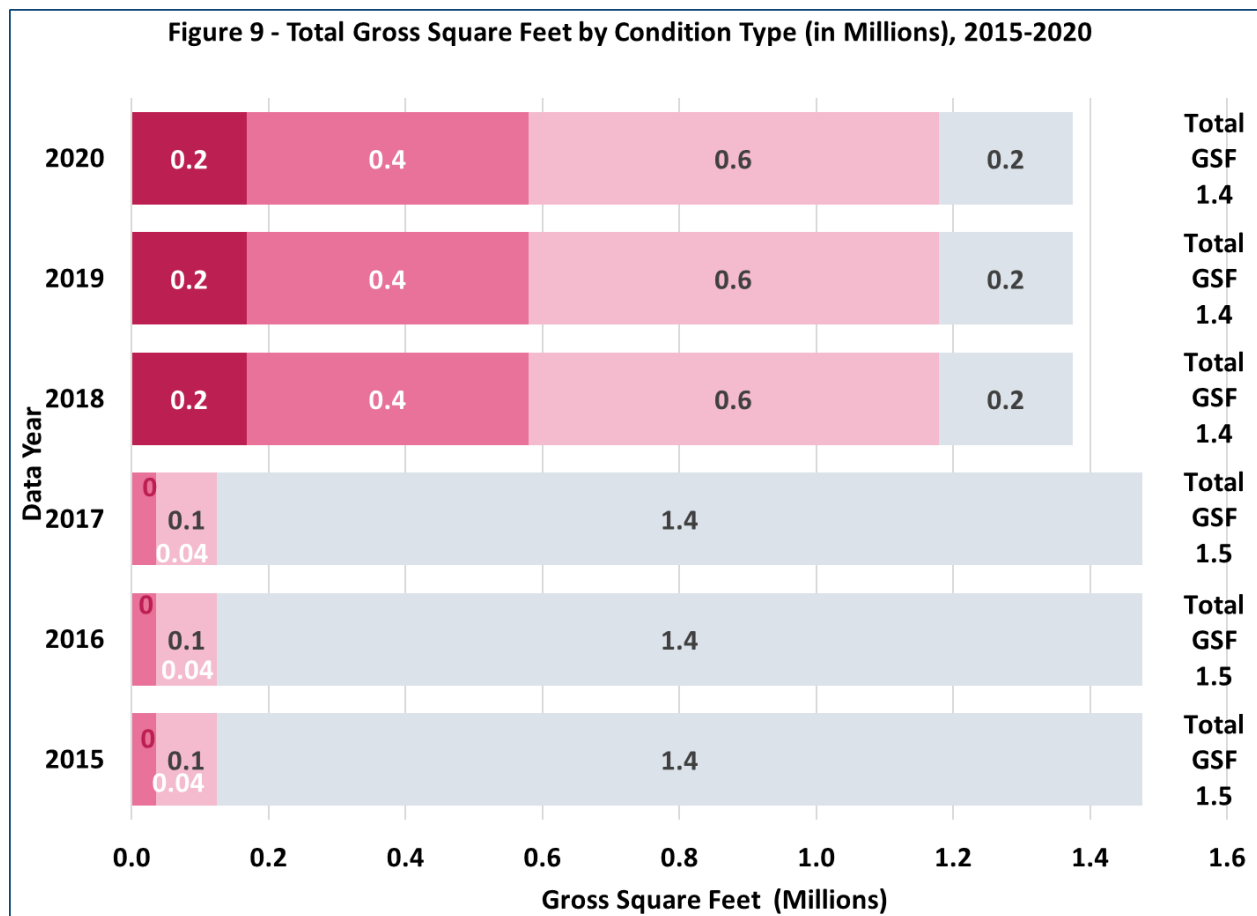
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 258,420 | 28.1% | 33.9% | -5.8% |
| Research | 9,263 | 1.0% | 1.7% | -0.7% |
| Public Service | 1,013 | 0.1% | 0.1% | 0.0% |
| Student Service | 378,209 | 41.1% | 40.9% | 0.3% |
| Other | 272,734 | 29.7% | 23.5% | 6.2% |

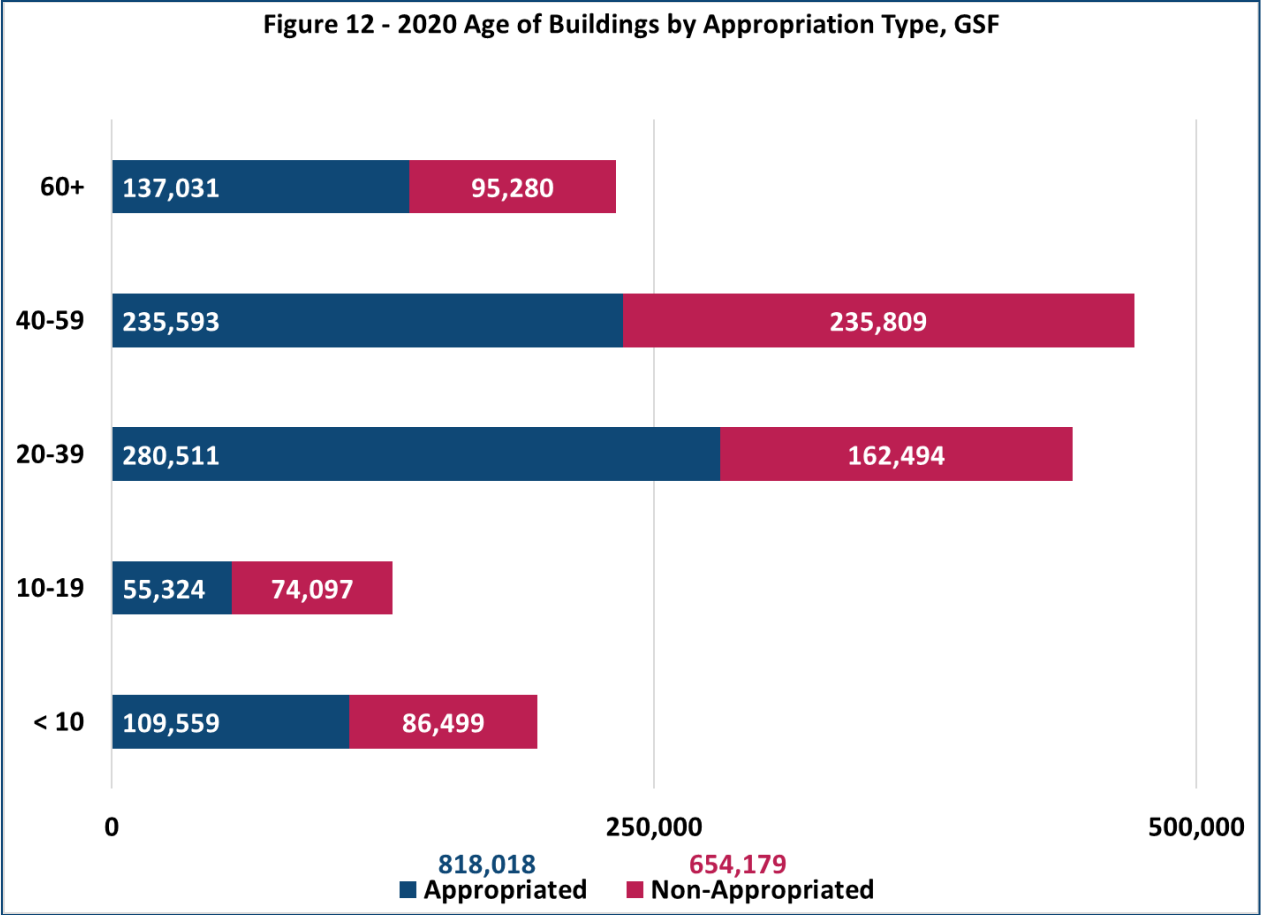
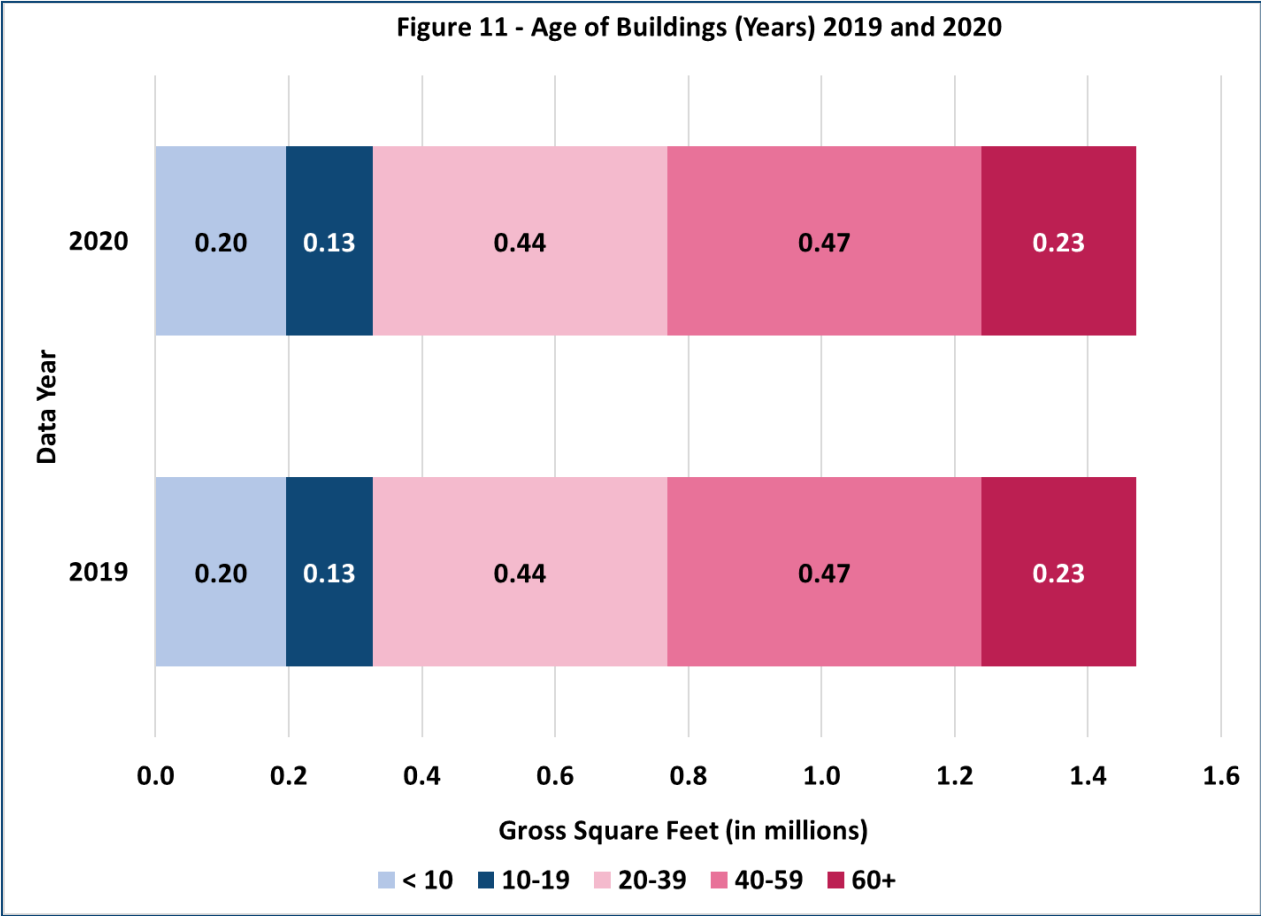


Building Characteristics

Fayetteville State University has 1,472,197 gross square feet of space comprised of 50 buildings (9 residential, 41 non-residential; 31 appropriated, 19 non-appropriated; 46 owned, 0 leased, 4 under other agreement terms) with 919,639 square feet of assignable space, having increased by 1.9% within the last five years. Since 2019, gross square footage has remained unchanged.

| Fayetteville State University Building Characteristics | |
|--|-------------------|
| 50 Total Buildings | |
| 31 Appropriated | 46 Owned |
| 19 Non-appropriated | 0 Leased |
| 50 Total | 4 Other Agreement |
| | 50 Total |



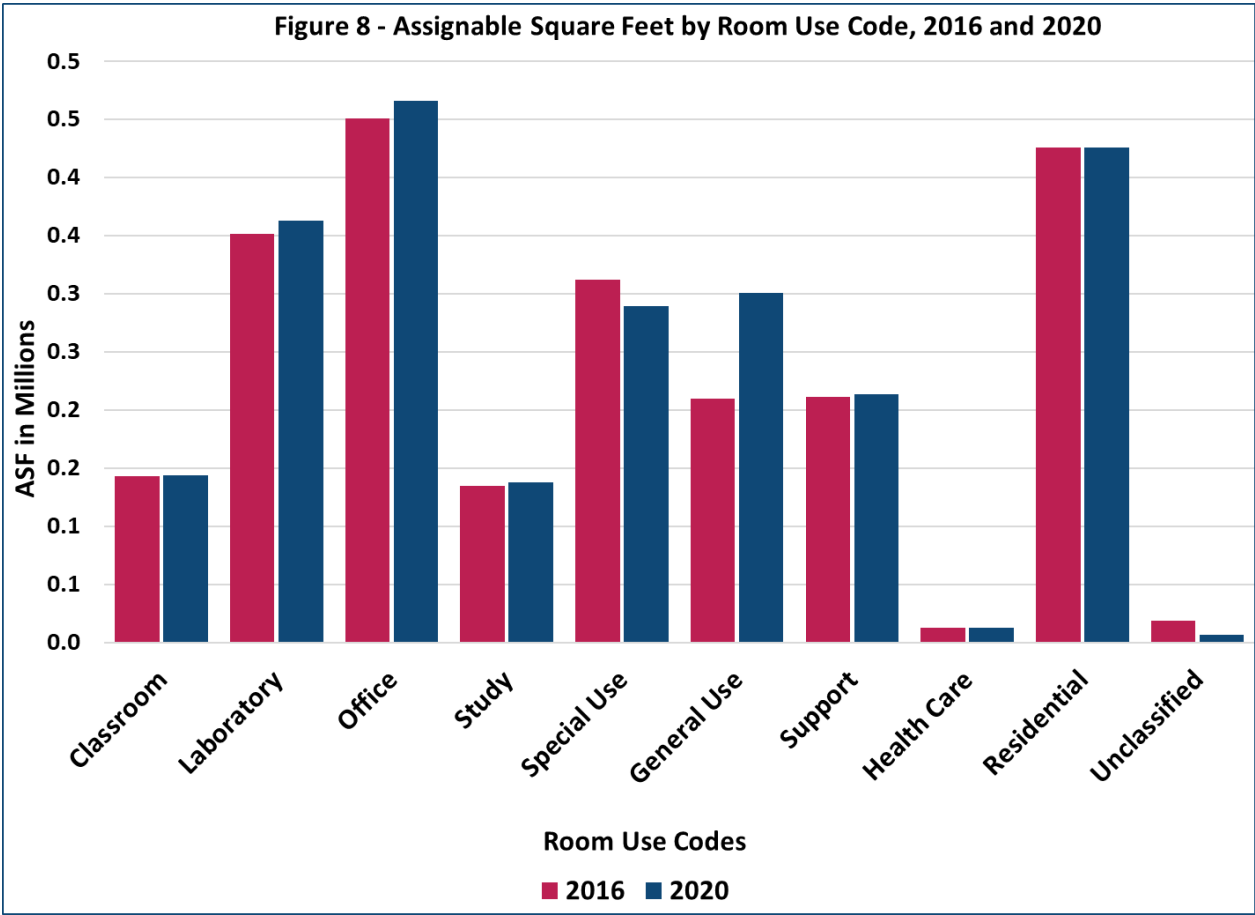


For nearly 130 years in Greensboro, North Carolina A&T has believed in the power of students to change the world. As a land grant, doctoral research university, A&T is ranked the number one producer of African American graduates in Engineering and Agriculture and the number one public historically black university in the nation. The figures below focus on room space characteristics and building characteristics at the university.

Room Space Characteristics

In 2020, the assignable square feet at N.C. A&T remained unchanged from the previous year at 2,359,182.

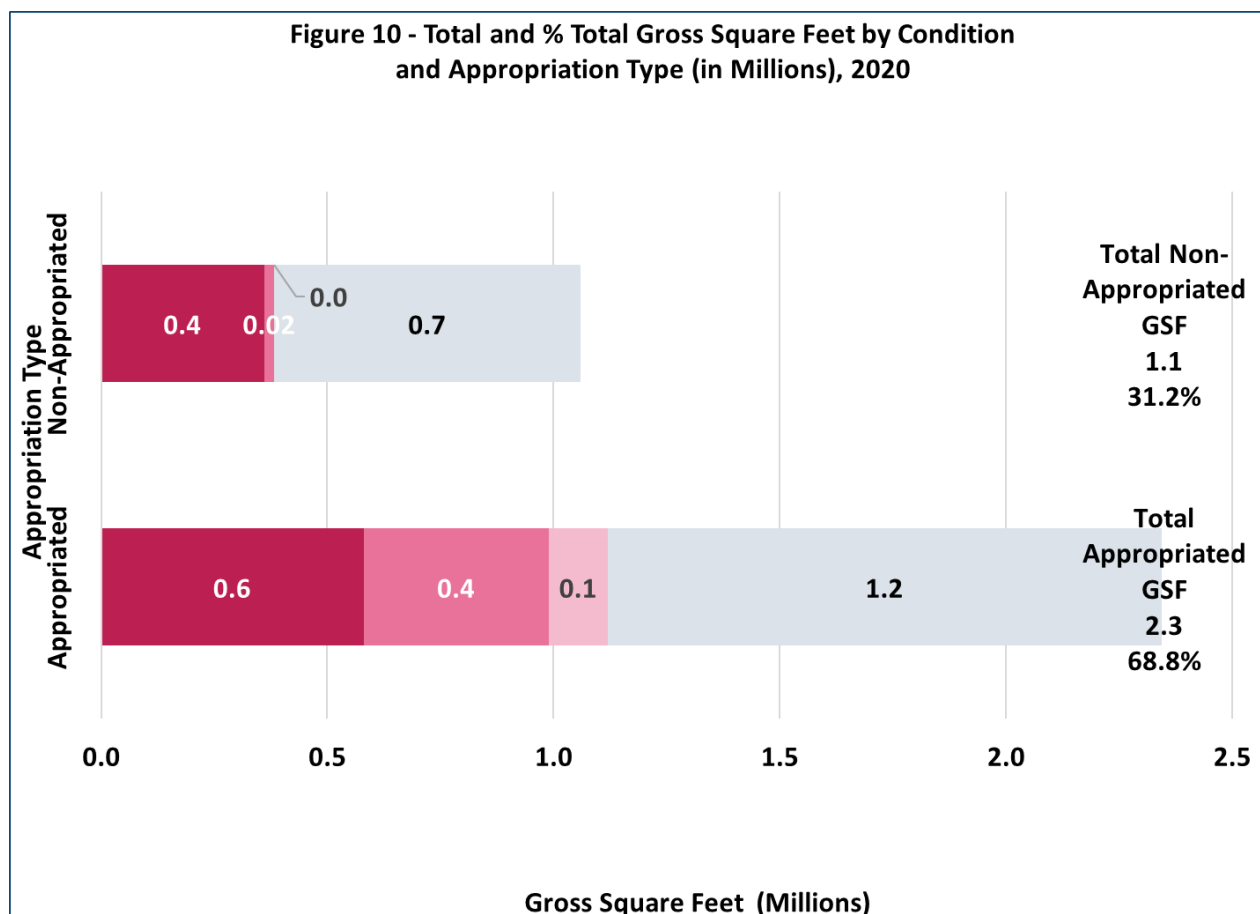
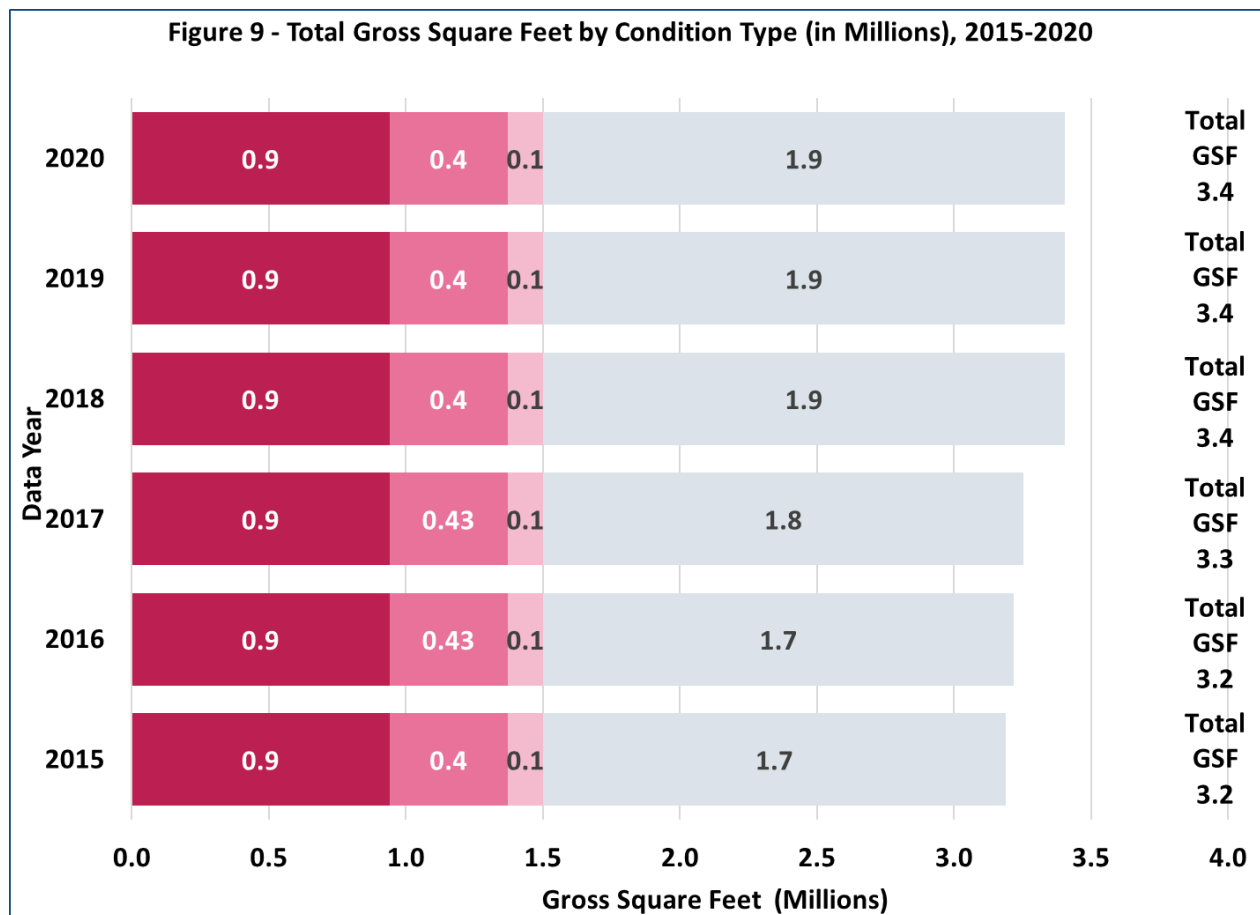
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 731,880 | 31.0% | 32.6% | -1.6% |
| Research | 180,217 | 7.6% | 7.9% | -0.3% |
| Public Service | 24,419 | 1.0% | 1.1% | 0.0% |
| Student Service | 793,311 | 33.6% | 30.9% | 2.7% |
| Other | 629,355 | 26.7% | 27.6% | -0.9% |

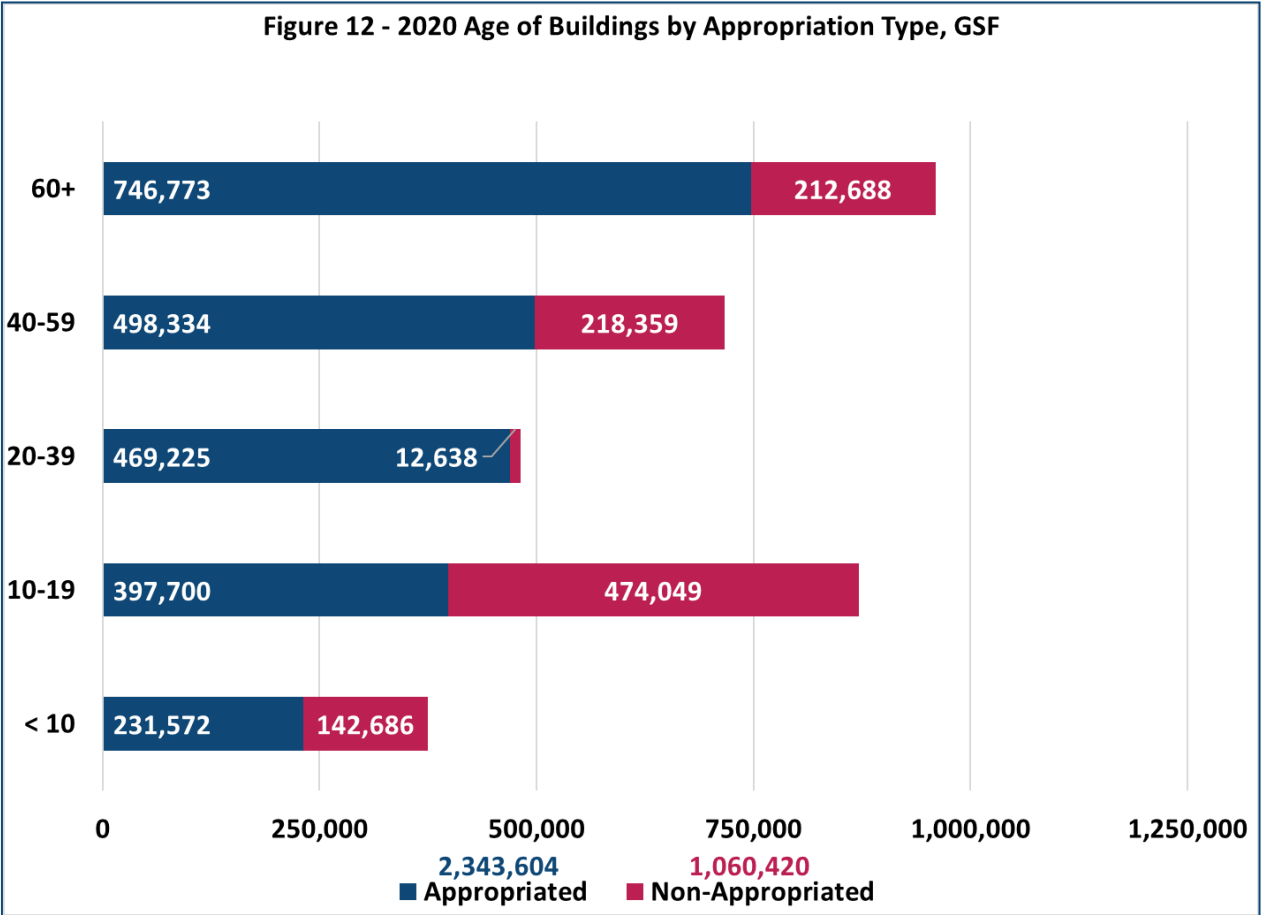
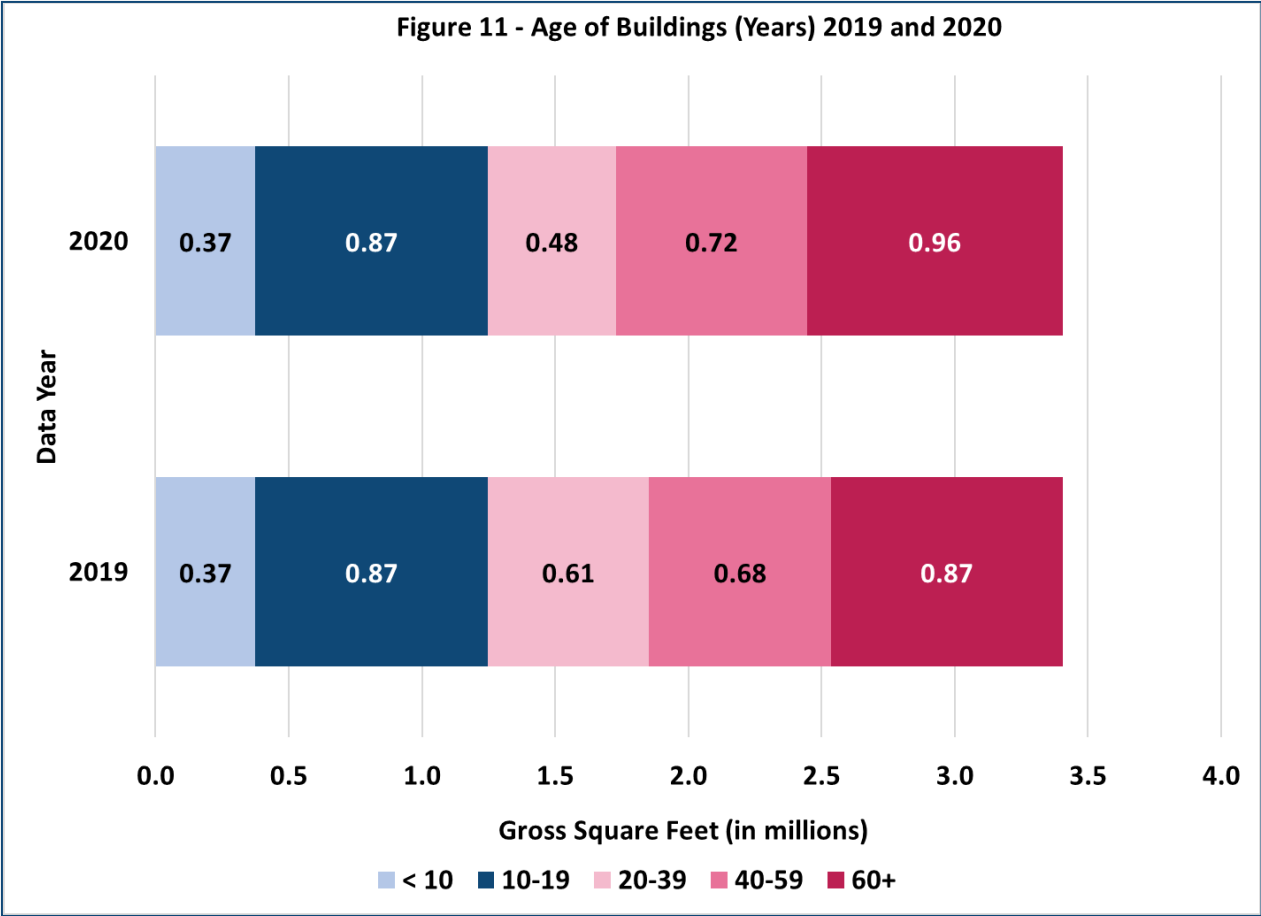


Building Characteristics

North Carolina Agricultural & Technical State University has 3,404,024 gross square feet of space comprised of 122 buildings (14 residential, 108 non-residential; 96 appropriated, 26 non-appropriated; 118 owned, 3 leased, 1 under other agreement terms) with 2,359,182 square feet of assignable space, having increased by 4.0% within the last five years. Since 2019, gross square footage has remained unchanged.

| North Carolina A&T State University Building Characteristics | |
|--|-------------------|
| 122 Total Buildings | |
| 96 Appropriated | 118 Owned |
| 26 Non-appropriated | 3 Leased |
| | 1 Other Agreement |
| 122 Total | 122 Total |



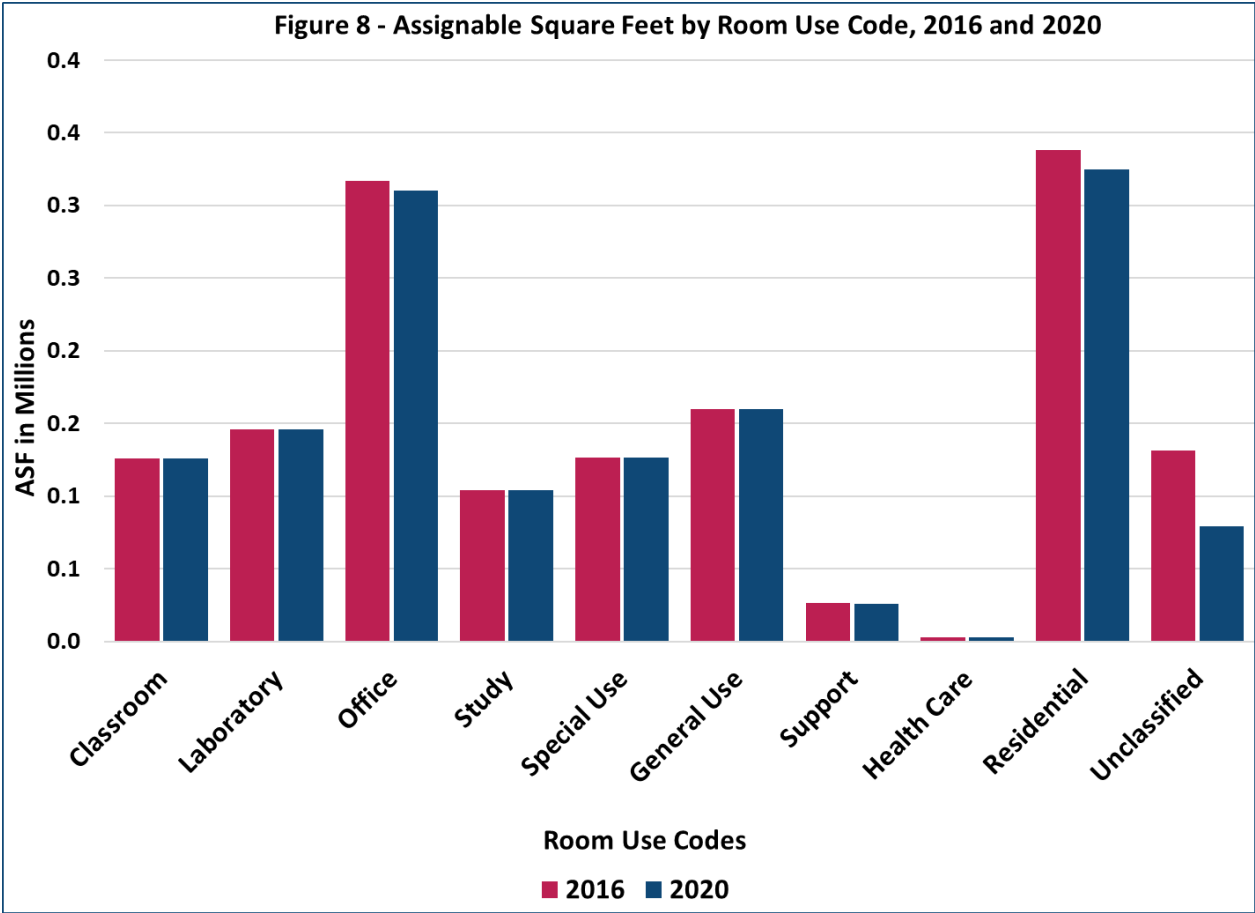


North Carolina Central University, a top-ranking southern regional university and historically black university, is located in Durham, adjacent to Research Triangle Park. Established in 1910, the university today offers bachelor’s degrees in 100 disciplines, master’s degrees in more than 40 areas, and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

Room Space Characteristics

In 2020, the assignable square feet at NCCU remained unchanged from the previous year at 1,404,771.

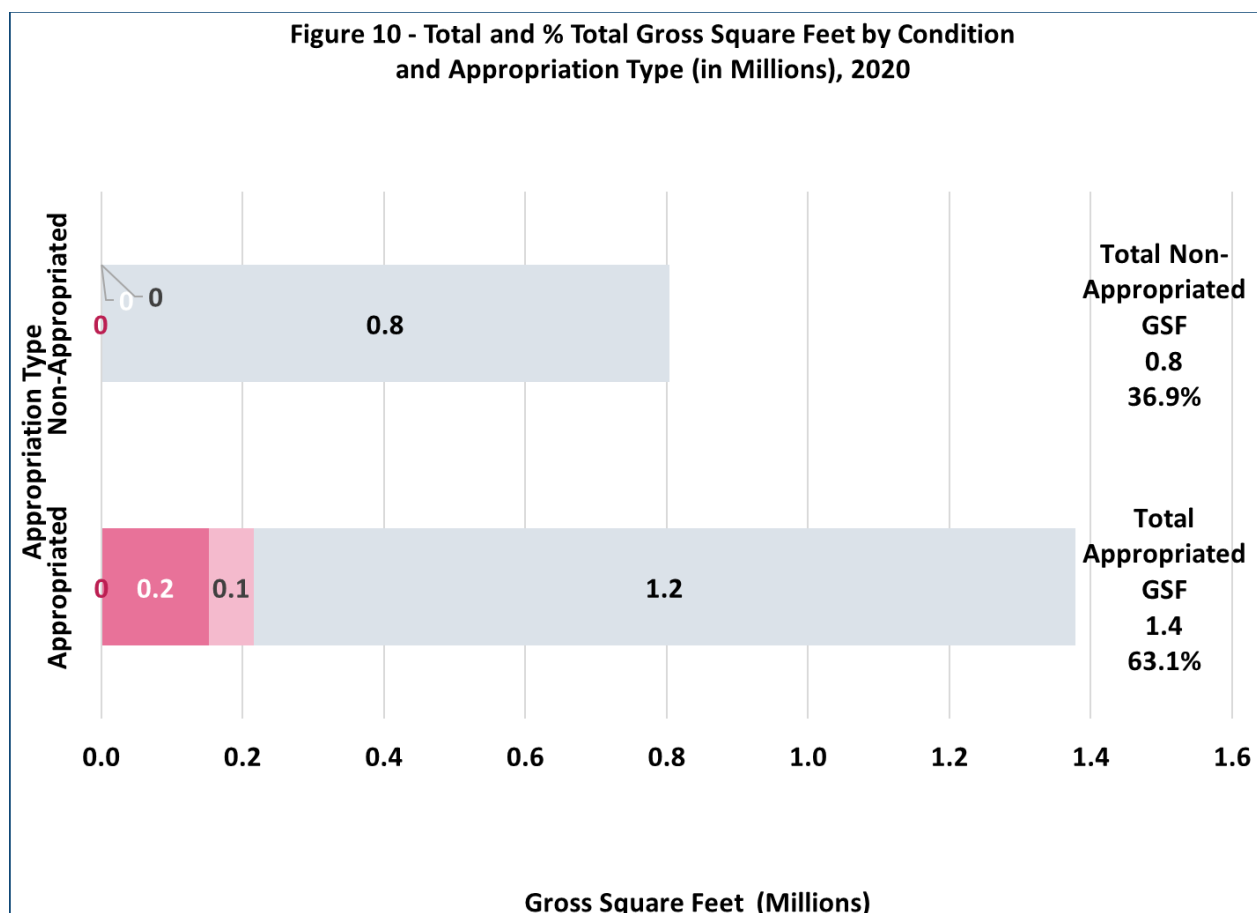
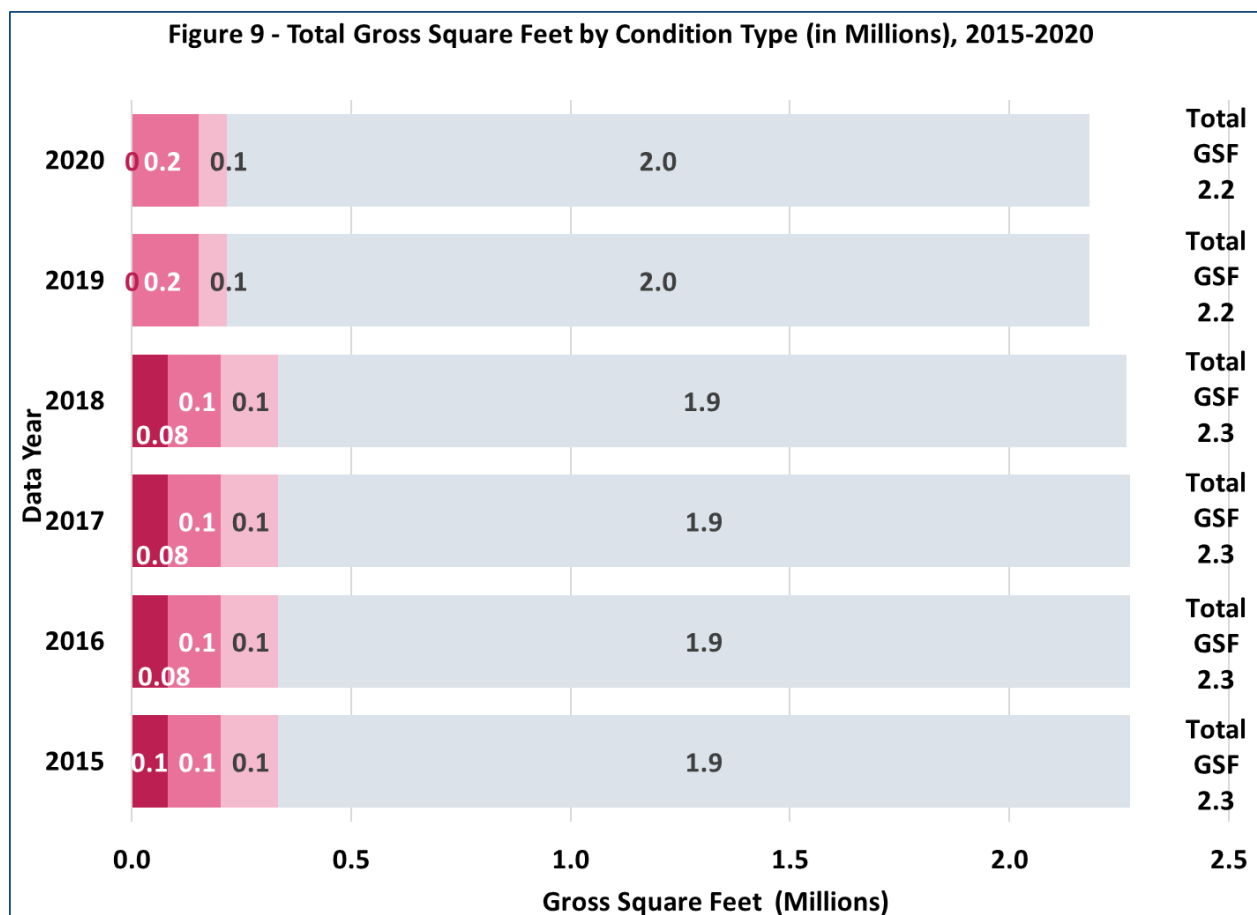
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 530,589 | 37.8% | 35.9% | 1.9% |
| Research | 32,962 | 2.3% | 2.2% | 0.1% |
| Public Service | 8,275 | 0.6% | 0.6% | 0.0% |
| Student Service | 526,135 | 37.5% | 36.5% | 1.0% |
| Other | 306,810 | 21.8% | 24.8% | -3.0% |

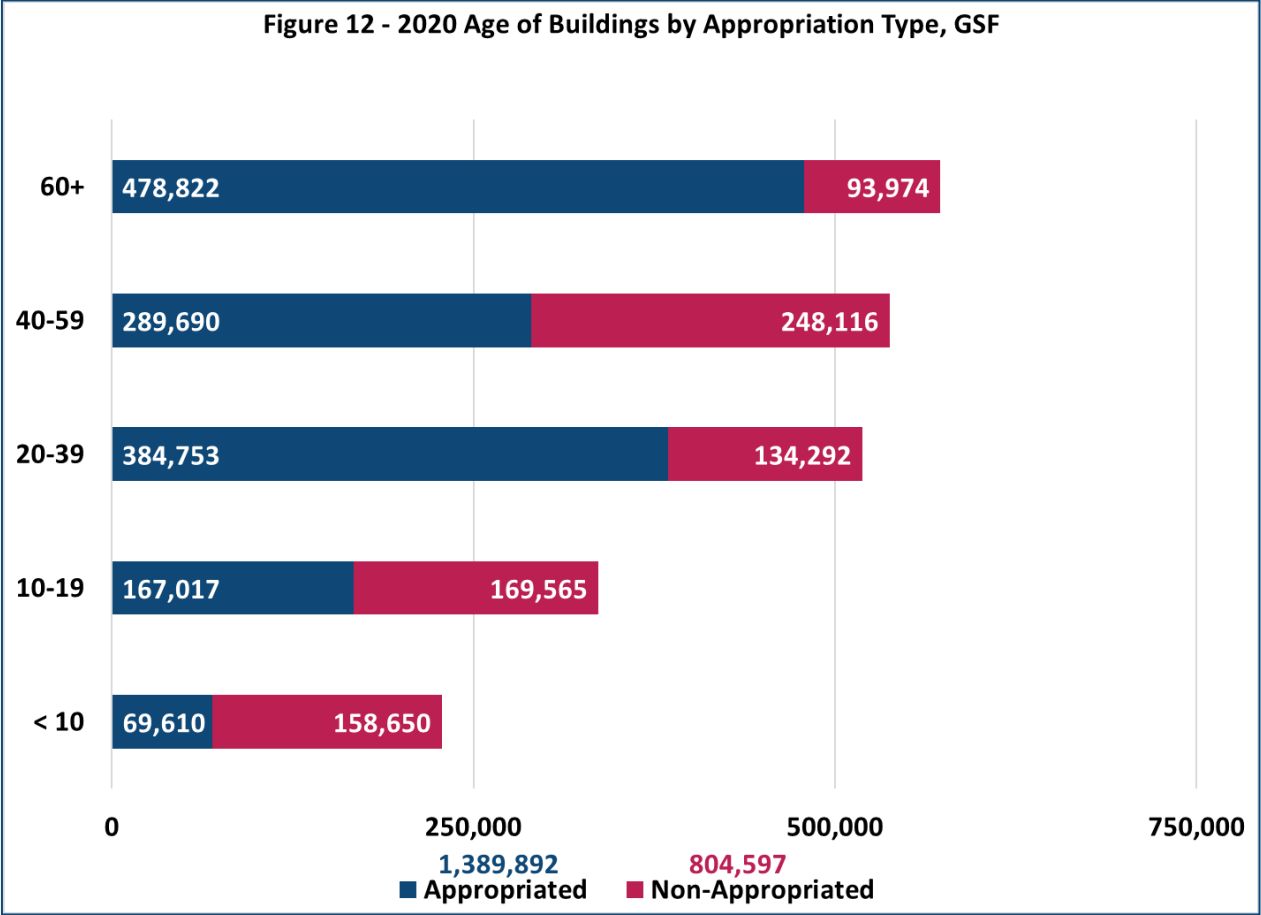
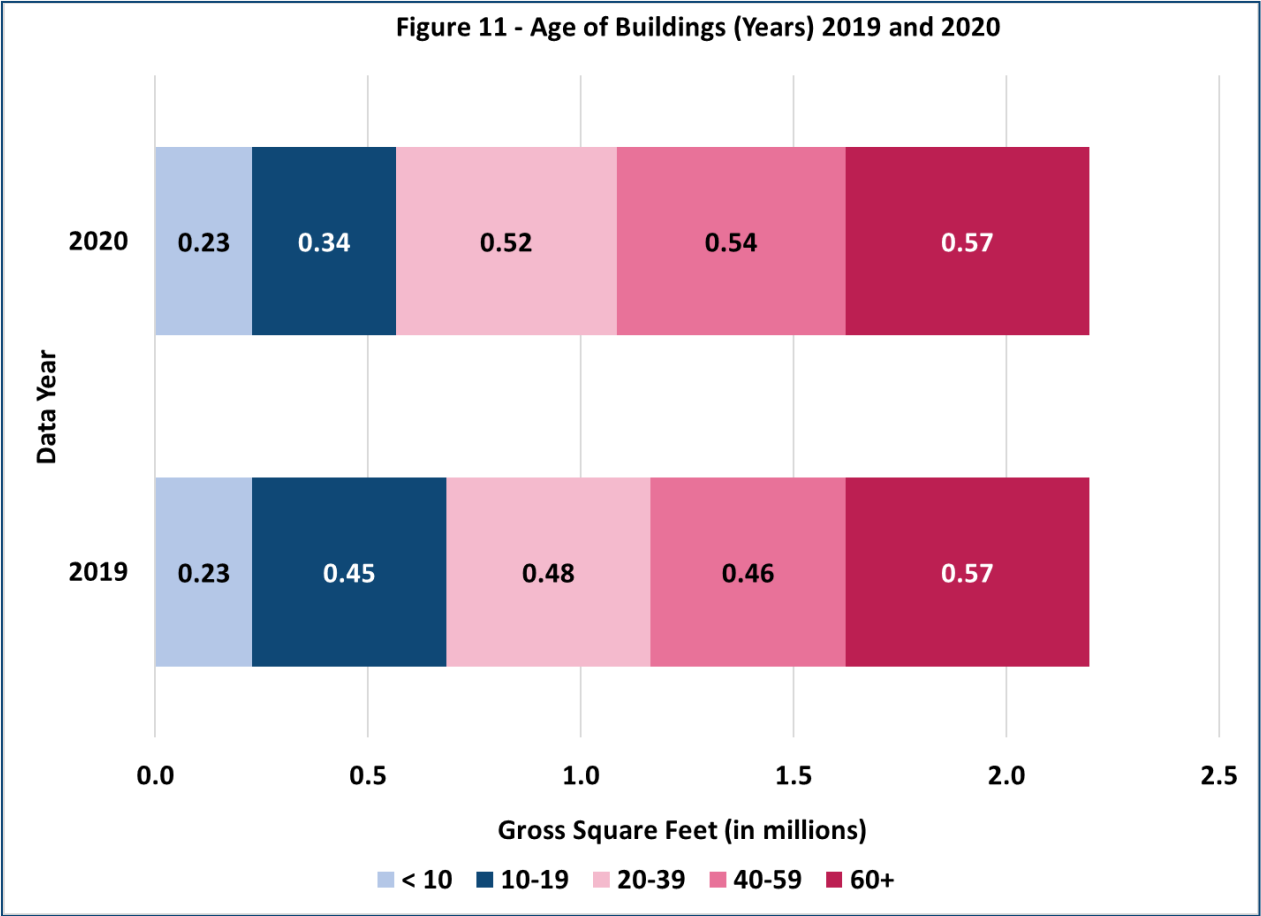


Building Characteristics

North Carolina Central University has 2,194,489 gross square feet of space comprised of 57 buildings (11 residential, 46 non-residential; 42 appropriated, 15 non-appropriated; 55 owned, 0 leased, 2 under other agreement terms) with 1,404,771 square feet of assignable space, having decreased by -4.9% within the last five years. Since 2019, gross square footage has remained unchanged.

| North Carolina Central University Building Characteristics | |
|--|-------------------|
| 57 Total Buildings | |
| 42 Appropriated | 55 Owned |
| <u>15 Non-appropriated</u> | <u>0 Leased</u> |
| 57 Total | 2 Other Agreement |
| | 57 Total |



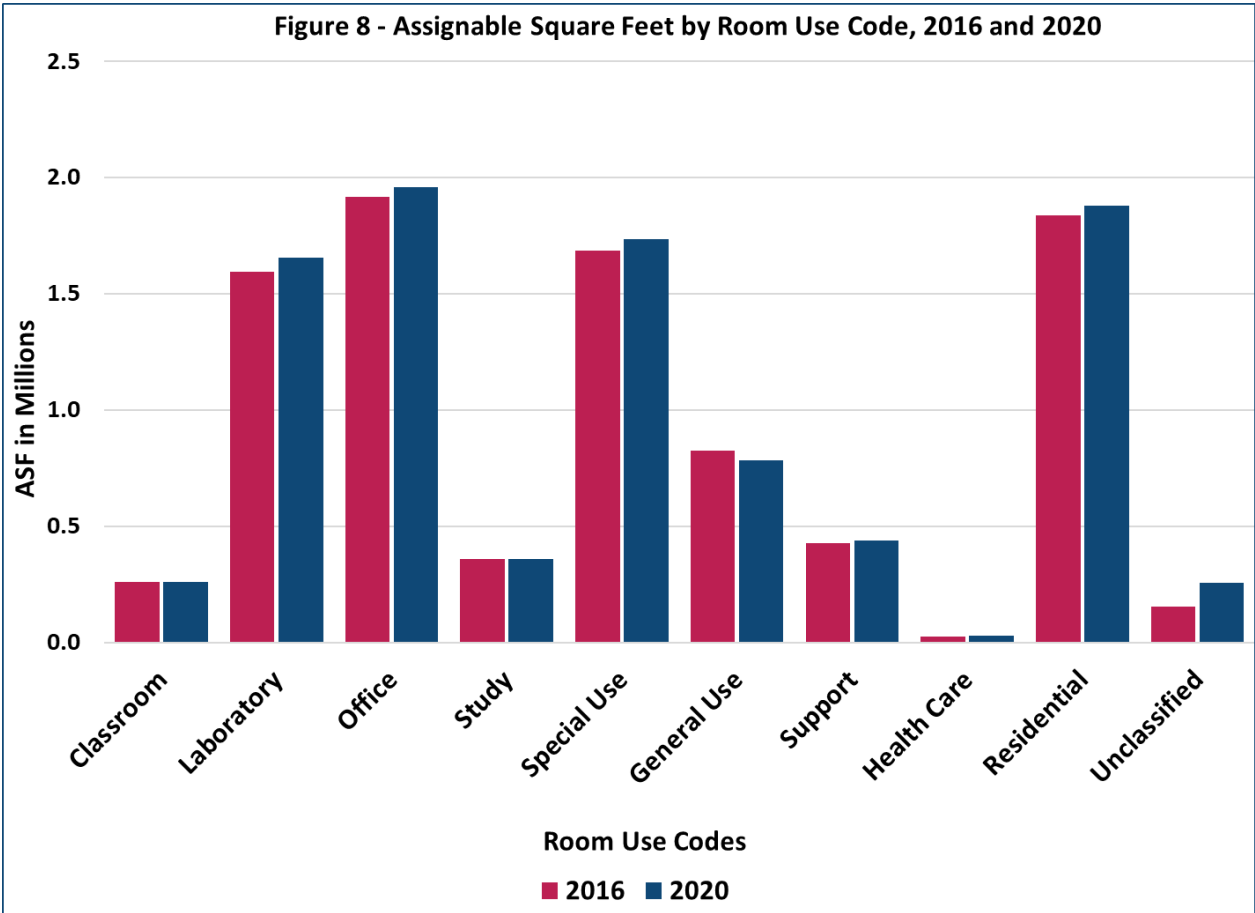


Originally founded as the North Carolina College of Agriculture and Mechanic Arts in 1887, NC State was established as a land-grant college, teaching its first classes in Raleigh in 1889. NC State is the largest university in the Carolinas and a world-renowned research powerhouse with more than 170 startups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

Room Space Characteristics

In 2020, the assignable square feet at NCSU increased from 9,166,469 to 9,353,620, or 2.0% from the previous year.

| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 1,767,823 | 18.9% | 18.6% | 0.3% |
| Research | 2,588,510 | 27.7% | 27.6% | 0.0% |
| Public Service | 449,127 | 4.8% | 4.6% | 0.2% |
| Student Service | 2,913,817 | 31.2% | 32.2% | -1.0% |
| Other | 1,634,343 | 17.5% | 17.0% | 0.5% |



Building Characteristics

North Carolina State University has 16,735,185 gross square feet of space comprised of 1,119 buildings (148 residential, 971 non-residential; 951 appropriated, 168 non-appropriated; 968 owned, 35 leased, 116 under other agreement terms) with 9,353,620 square feet of assignable space, having increased by 2.9% within the last five years. Since 2019, gross square footage has increased by 258,765 SF, or 1.6%.

| North Carolina State University Building Characteristics | |
|--|--------------------|
| 1,119 Total Buildings | |
| 951 Appropriated | 968 Owned |
| 168 Non-appropriated | 35 Leased |
| <u>1,119 Total</u> | <u>1,119 Total</u> |

Figure 9 - Total Gross Square Feet by Condition Type (in Millions), 2015-2020

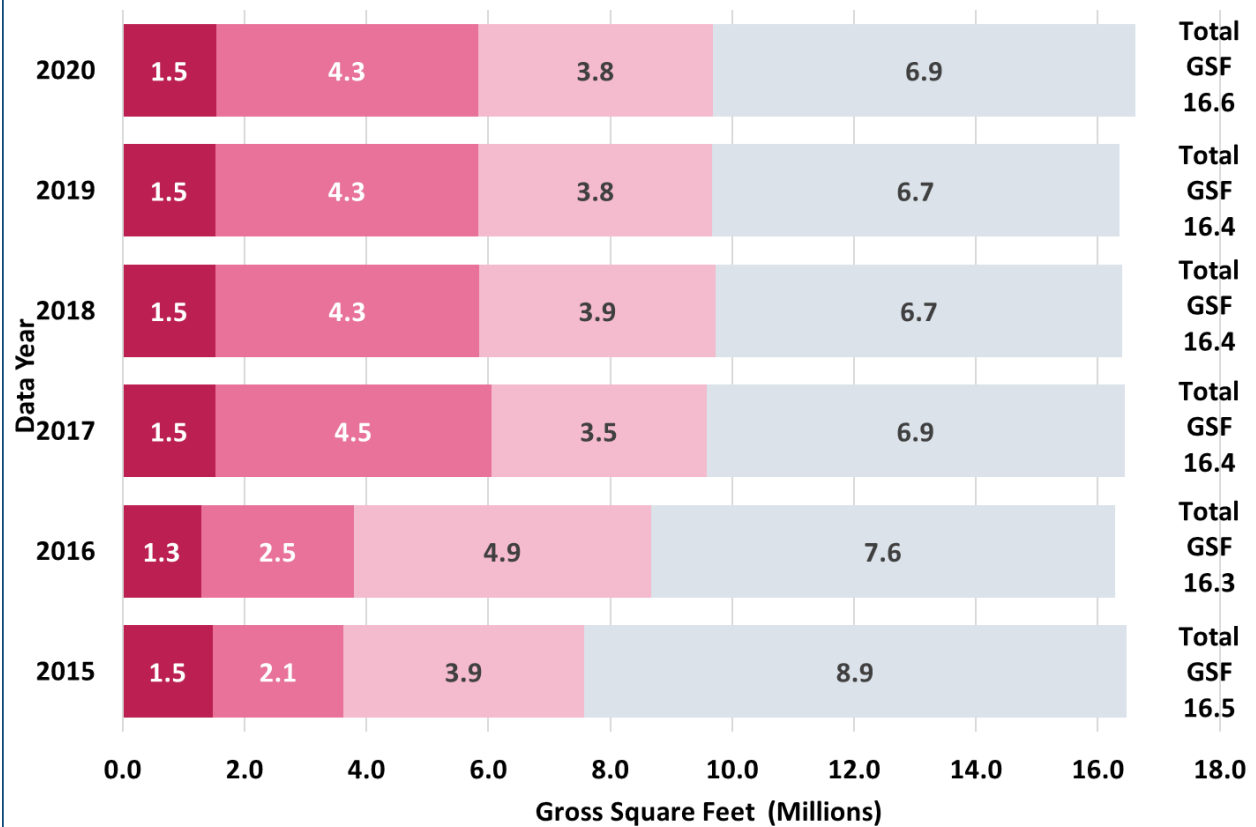
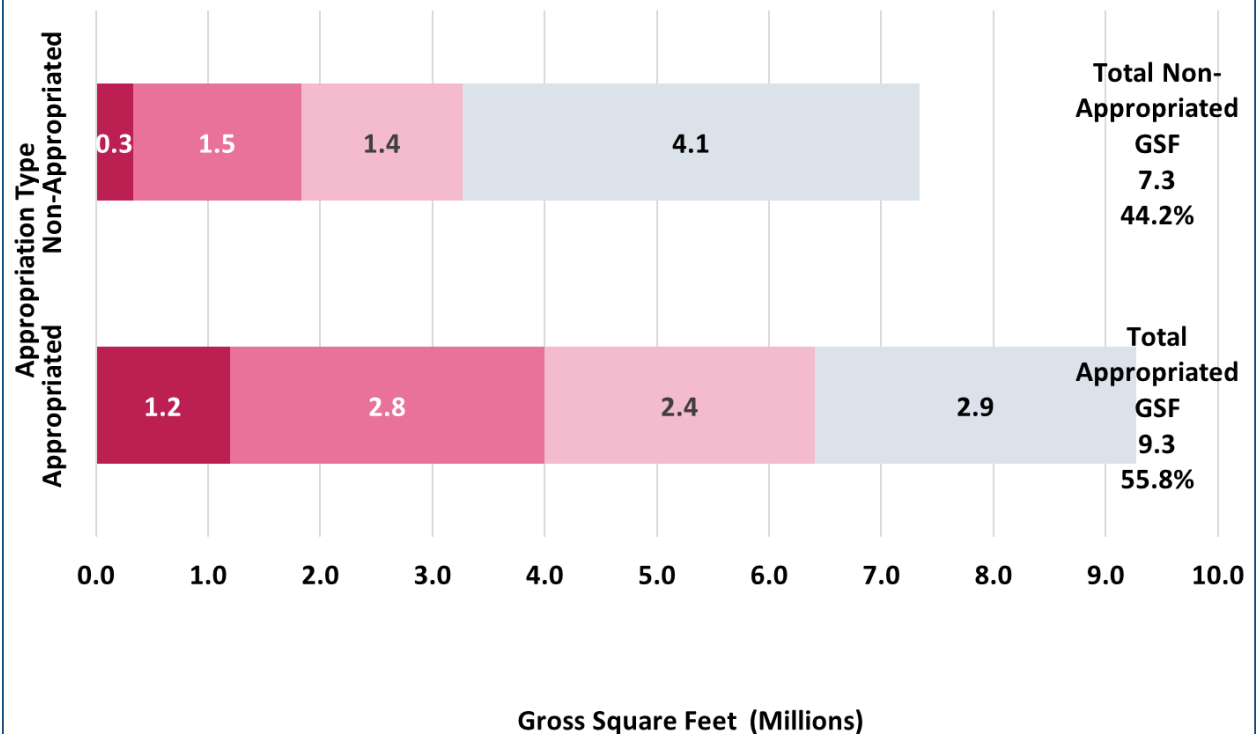
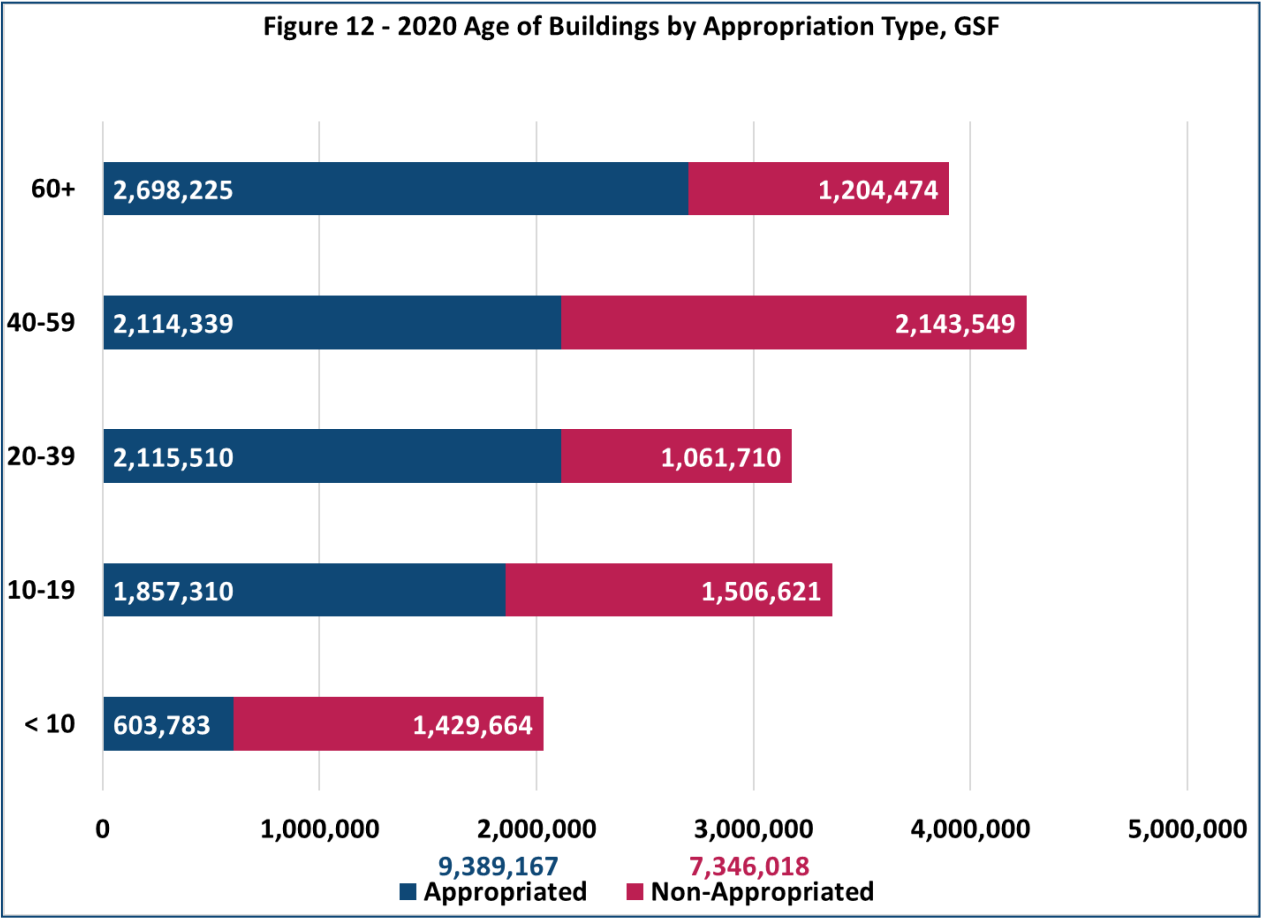
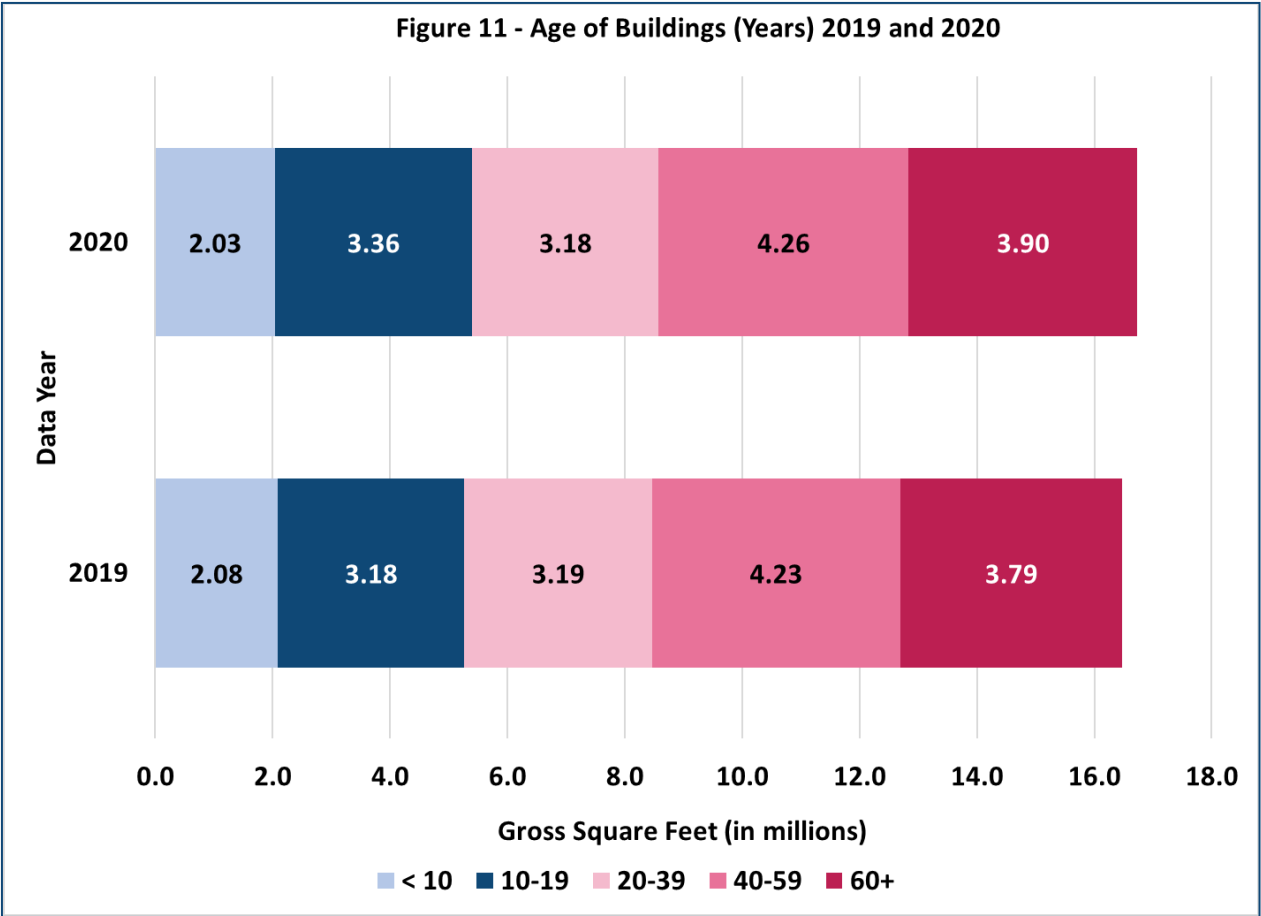


Figure 10 - Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020



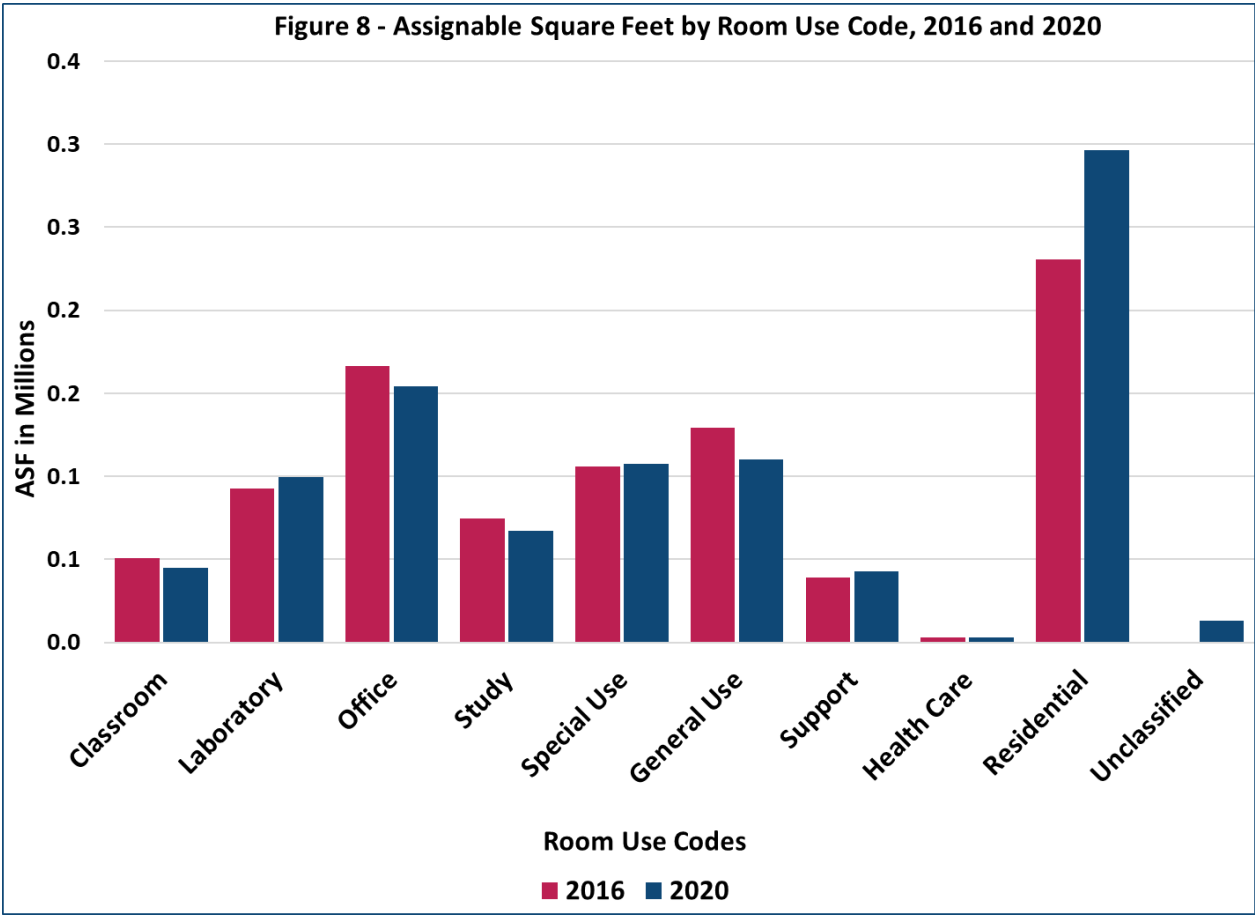


UNC Asheville offers an adaptive, affordable, and relevant education as the designated liberal arts and sciences campus in the UNC System. Established in Asheville in 1927 as the two-year Buncombe County Junior College, today UNCA focuses on undergraduate studies that prepare students for meaningful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

Room Space Characteristics

In 2020, the assignable square feet at UNC Asheville decreased from 975,657 to 939,281, or -3.7% from the previous year.

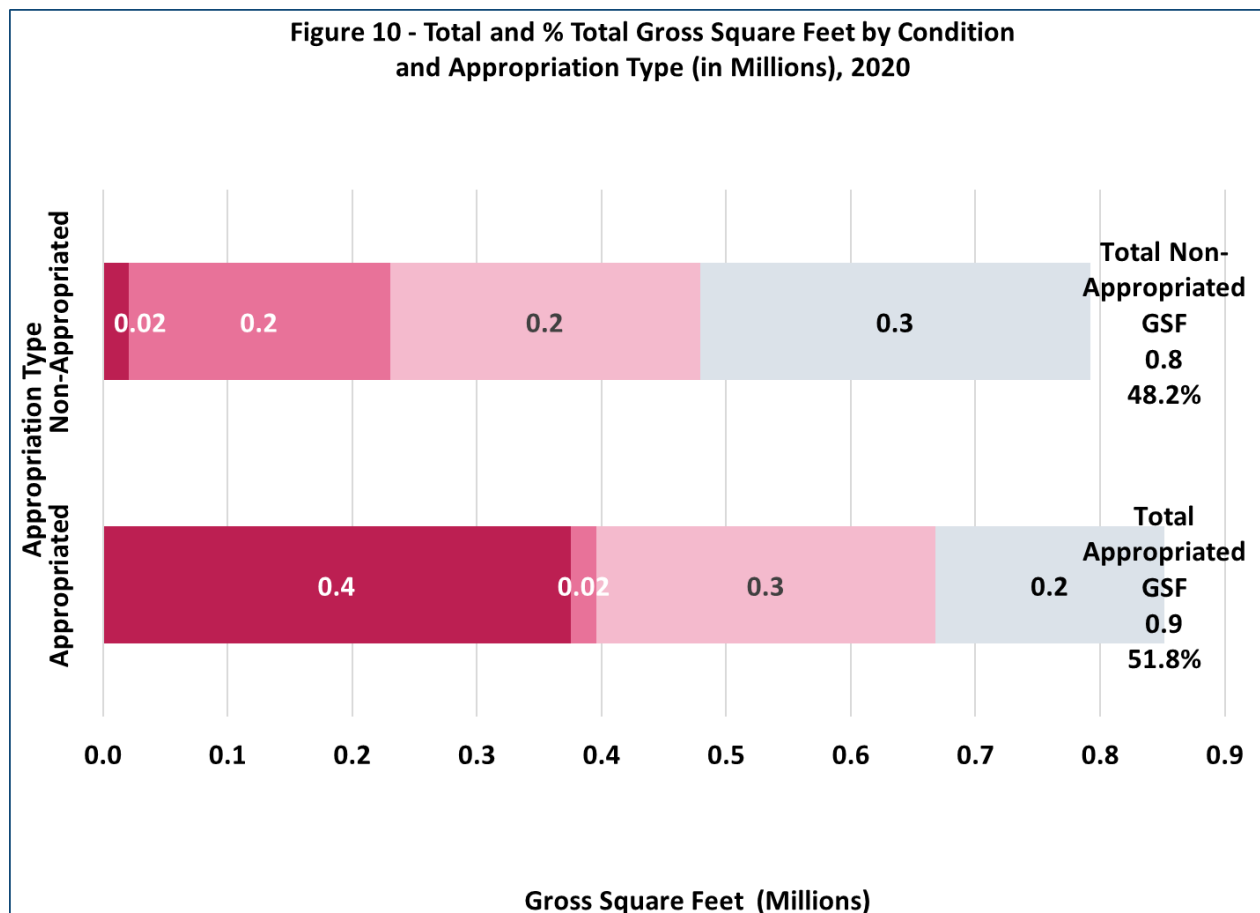
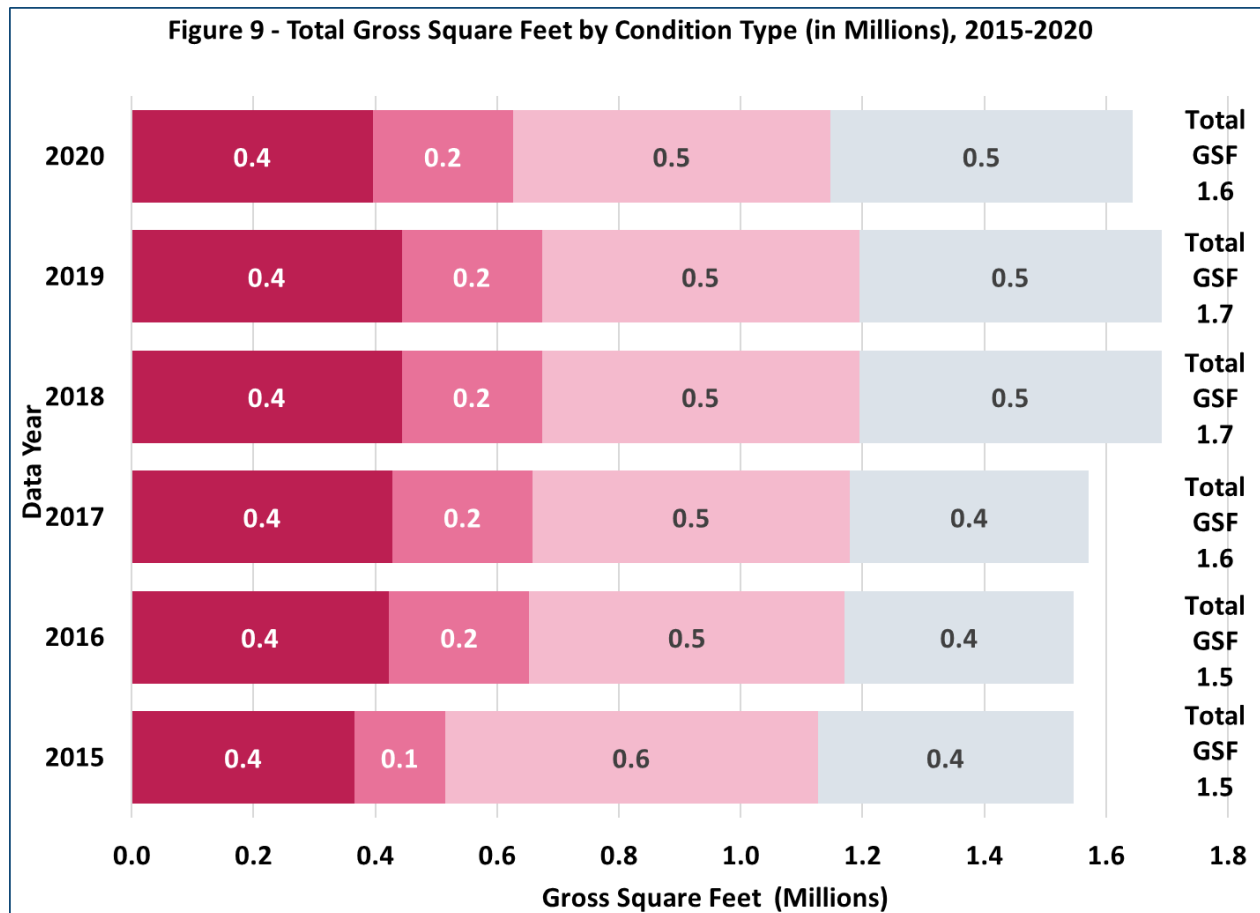
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 206,609 | 22.0% | 24.3% | -2.3% |
| Research | 13,337 | 1.4% | 1.6% | -0.2% |
| Public Service | 10,514 | 1.1% | 1.2% | -0.1% |
| Student Service | 512,287 | 54.5% | 52.1% | 2.5% |
| Other | 196,534 | 20.9% | 20.8% | 0.1% |

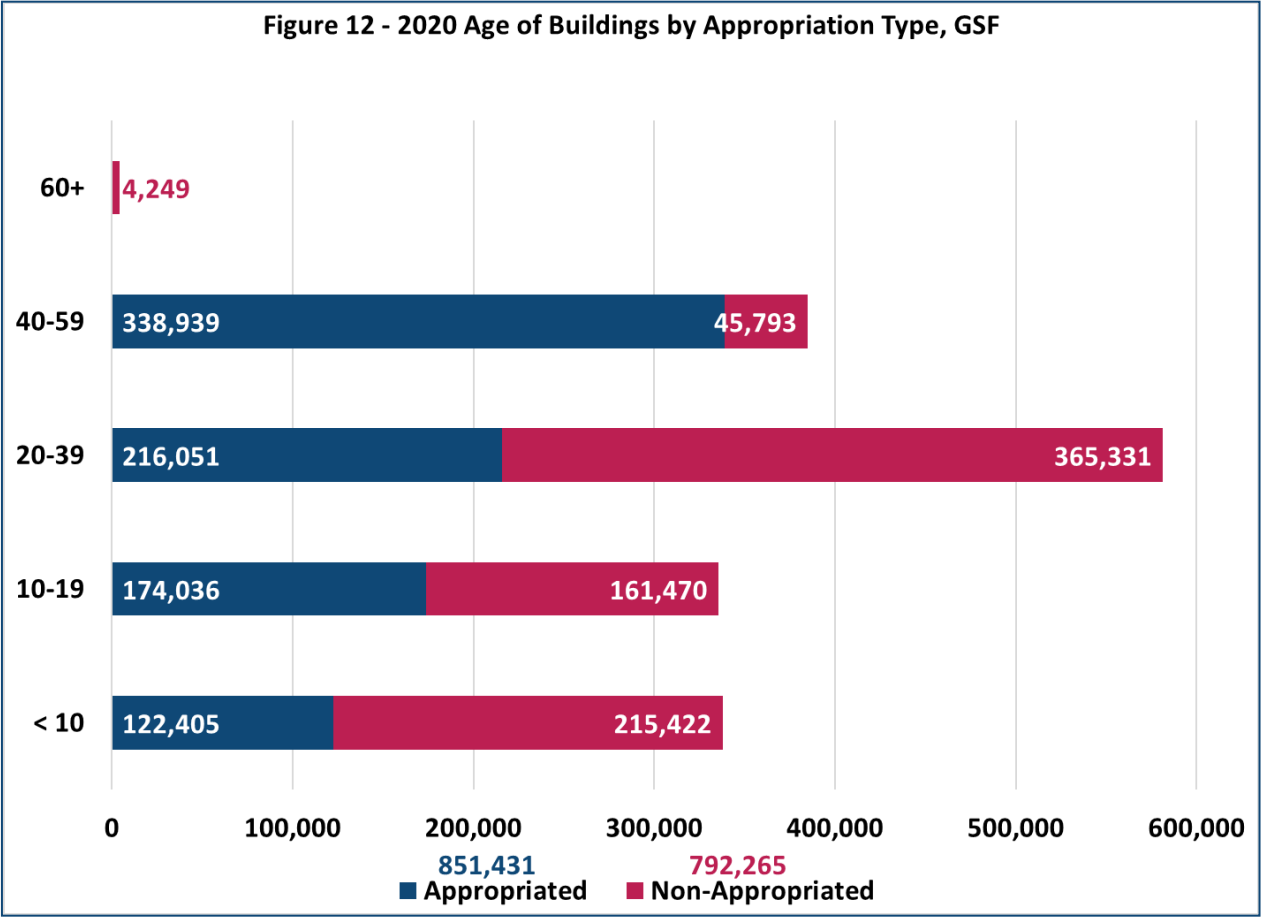
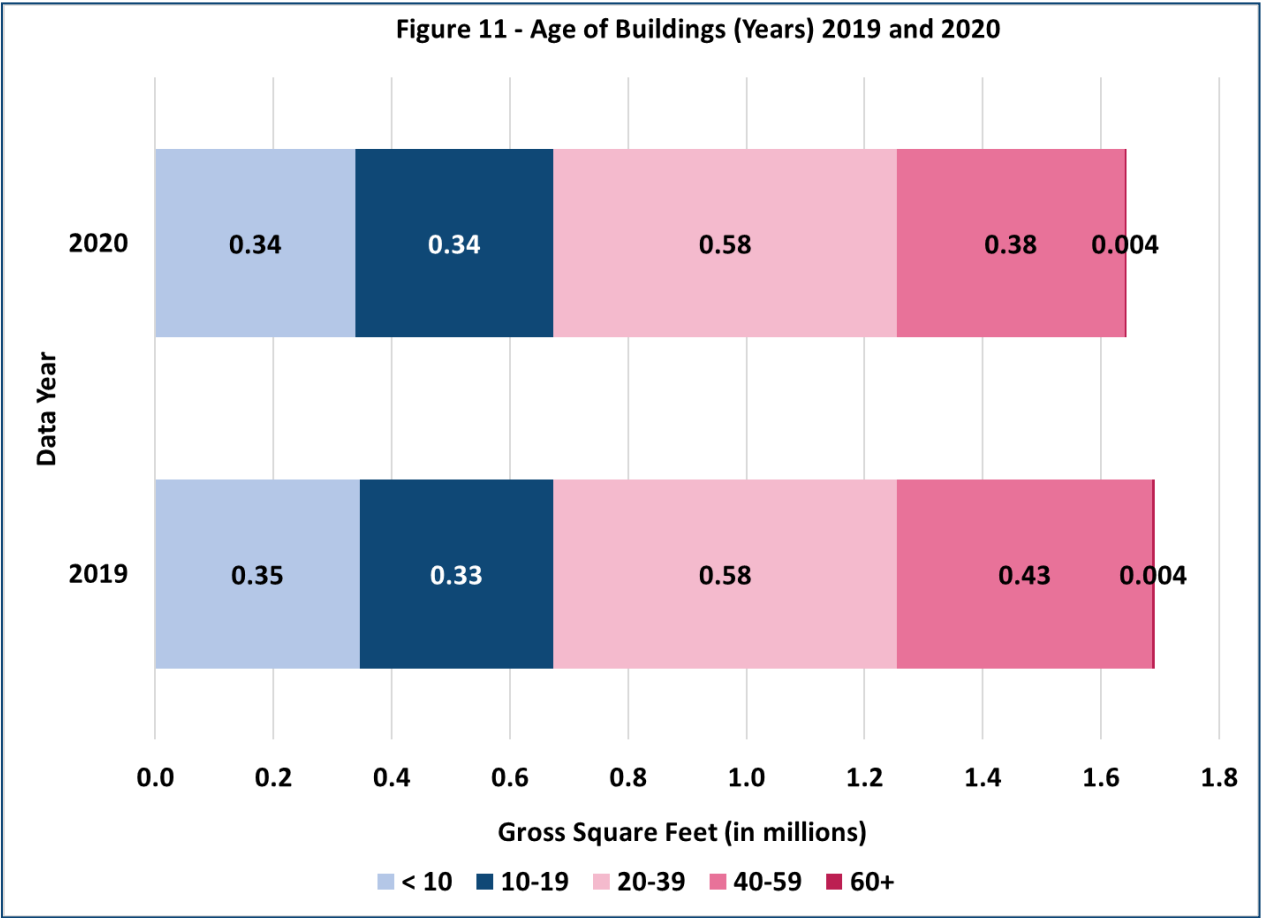


Building Characteristics

University of North Carolina Asheville has 1,643,696 gross square feet of space comprised of 51 buildings (21 residential, 30 non-residential; 23 appropriated, 28 non-appropriated; 36 owned, 2 leased, 14 under other agreement terms) with 939,281 square feet of assignable space, having increased by 5.3% within the last five years. Since 2019, gross square footage has decreased - 47,366 SF, or -2.8%.

| University of North Carolina Asheville Building Characteristics | |
|---|--------------------|
| 51 Total Buildings | |
| | 36 Owned |
| 23 Appropriated | 2 Leased |
| 28 Non-appropriated | 13 Other Agreement |
| 51 Total | 51 Total |

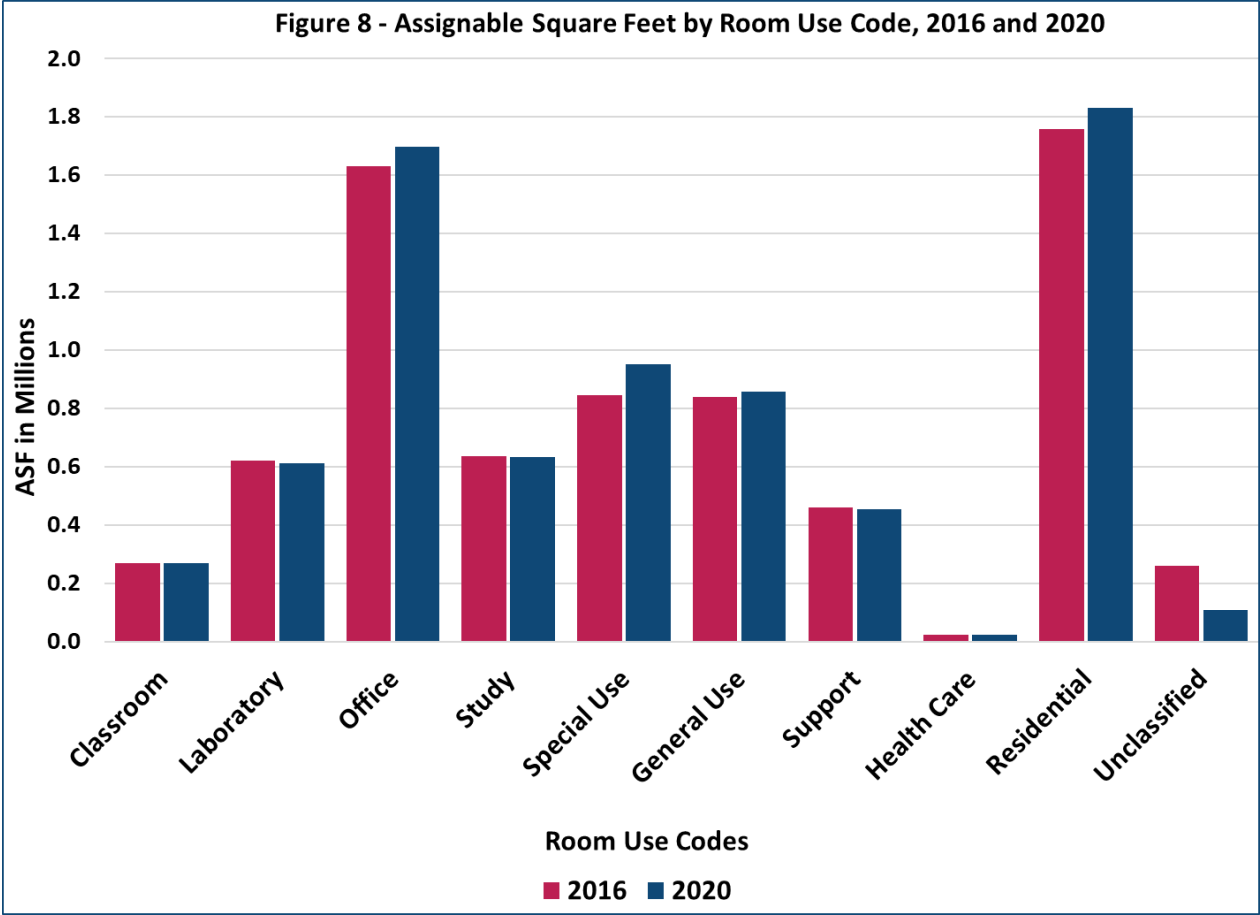




The University of North Carolina at Chapel Hill is a leading global public research university, committed to and a leader in providing access to a high-quality, affordable education to students from all backgrounds. Carolina’s nationally recognized teaching, groundbreaking research, and dedication to 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 room space characteristics and building characteristics at the university. The data in this summary excludes UNC-Chapel Hill Health Affairs.

Room Space Characteristics

In 2020, the assignable square feet at UNC-Chapel Hill decreased from 7,372,784 to 7,329,279, or -0.6% from the previous year.



Building Characteristics

The University of North Carolina at Chapel Hill has 13,445,549 gross square feet of space comprised of 372 buildings (76 residential, 296 non-residential; 163 appropriated, 209 non-appropriated; 351 owned, 18 leased, 3 under other agreement terms) with 7,431,949 square feet of assignable space, having increased by 1.2% within the last five years. Since 2019, gross square footage has increased by 104,349 SF, or 0.8%.

| University of North Carolina at Chapel Hill Building Characteristics | |
|--|--------------------------|
| 372 Total Buildings | |
| 163 Appropriated | 351 Owned |
| <u>209 Non-appropriated</u> | 18 Leased |
| 372 Total | <u>3 Other Agreement</u> |
| | 372 Total |

Figure 9 - Total Gross Square Feet by Condition Type (in Millions), 2015-2020

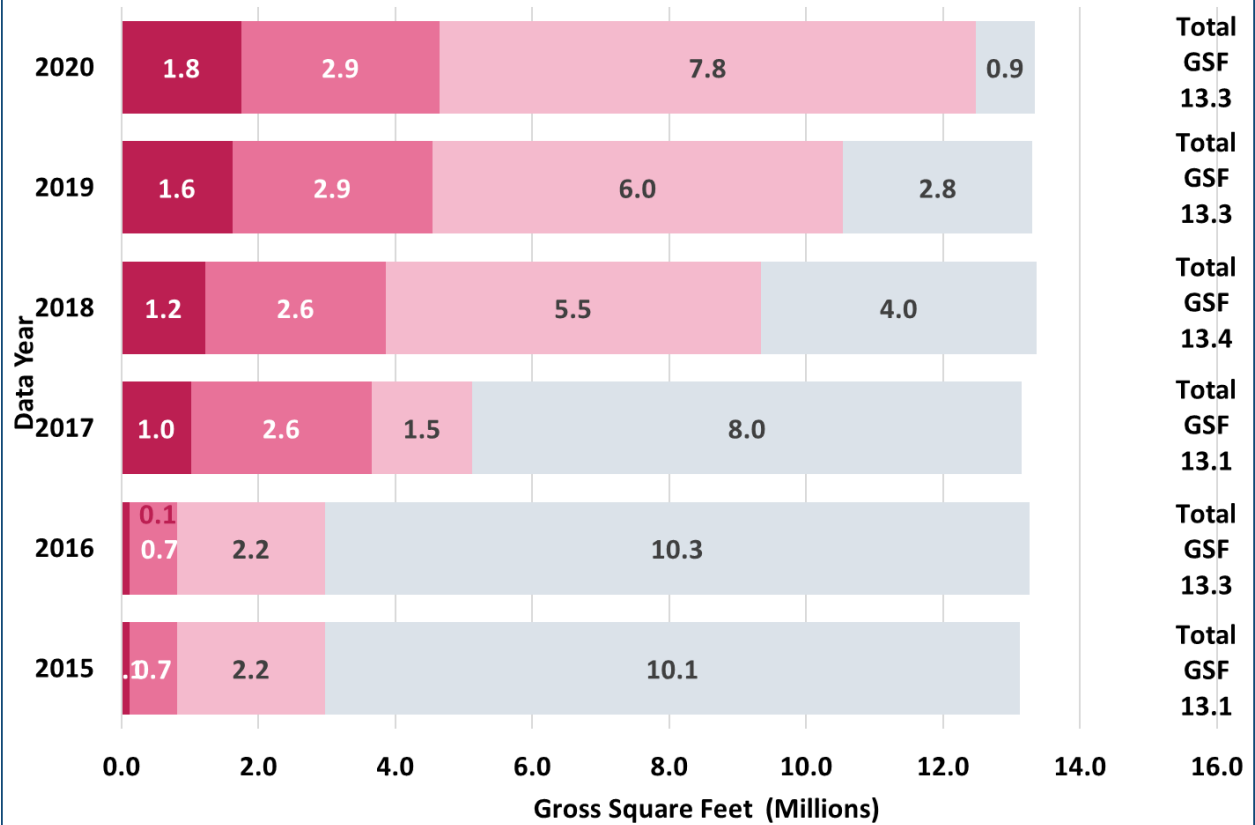
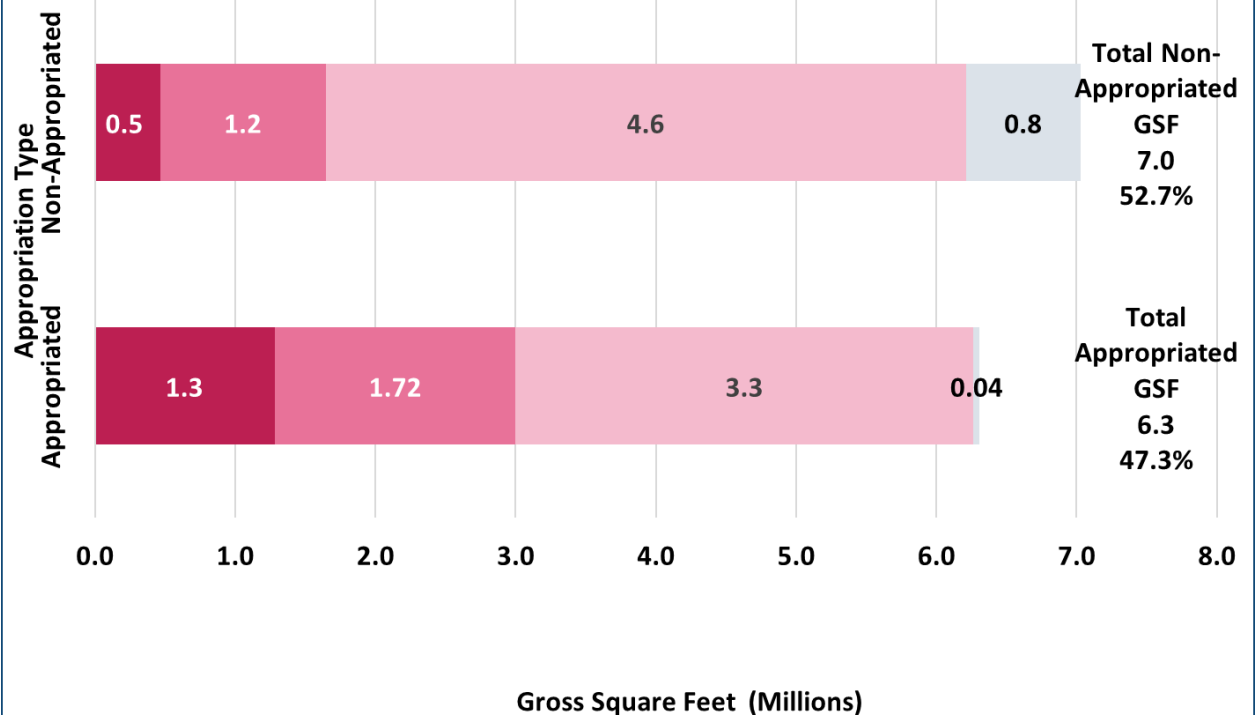
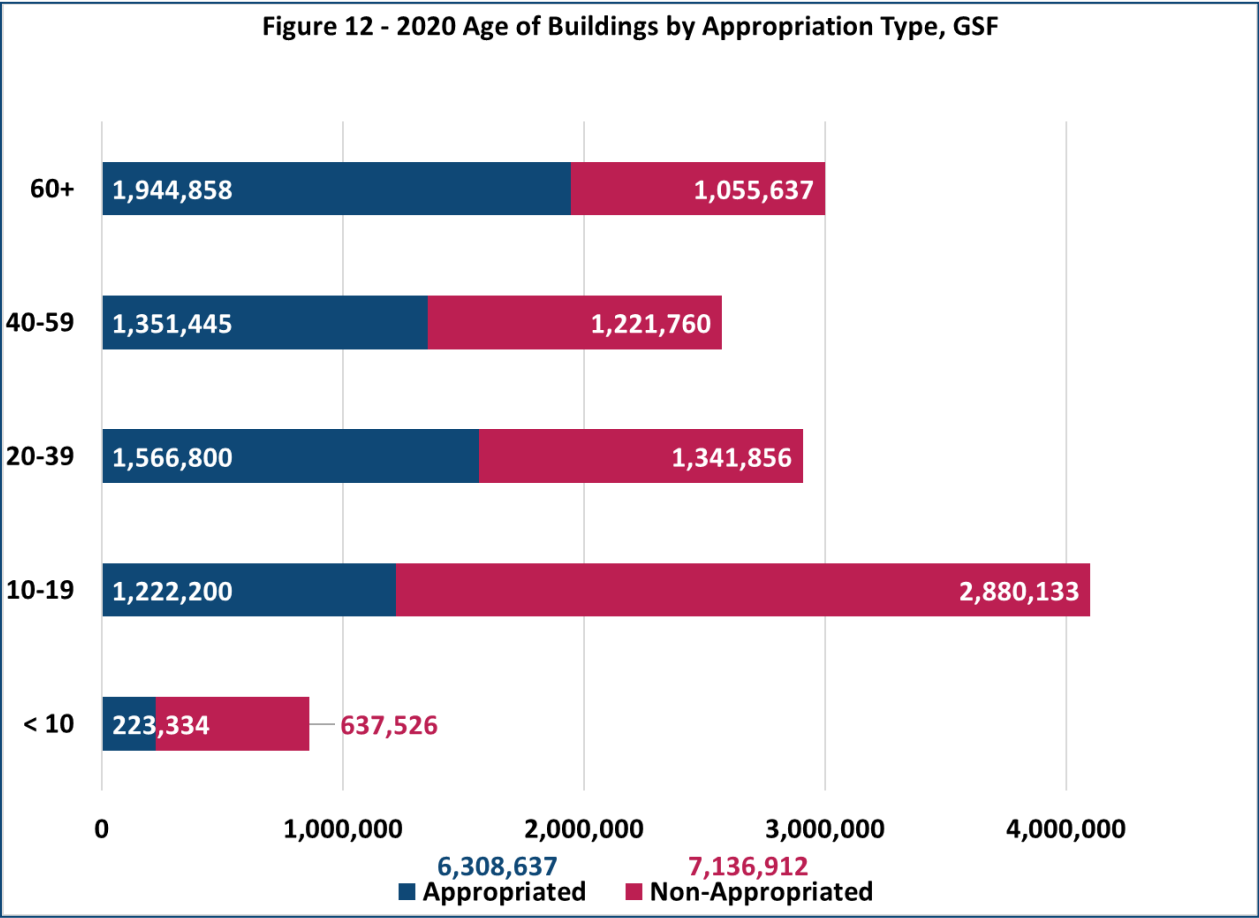
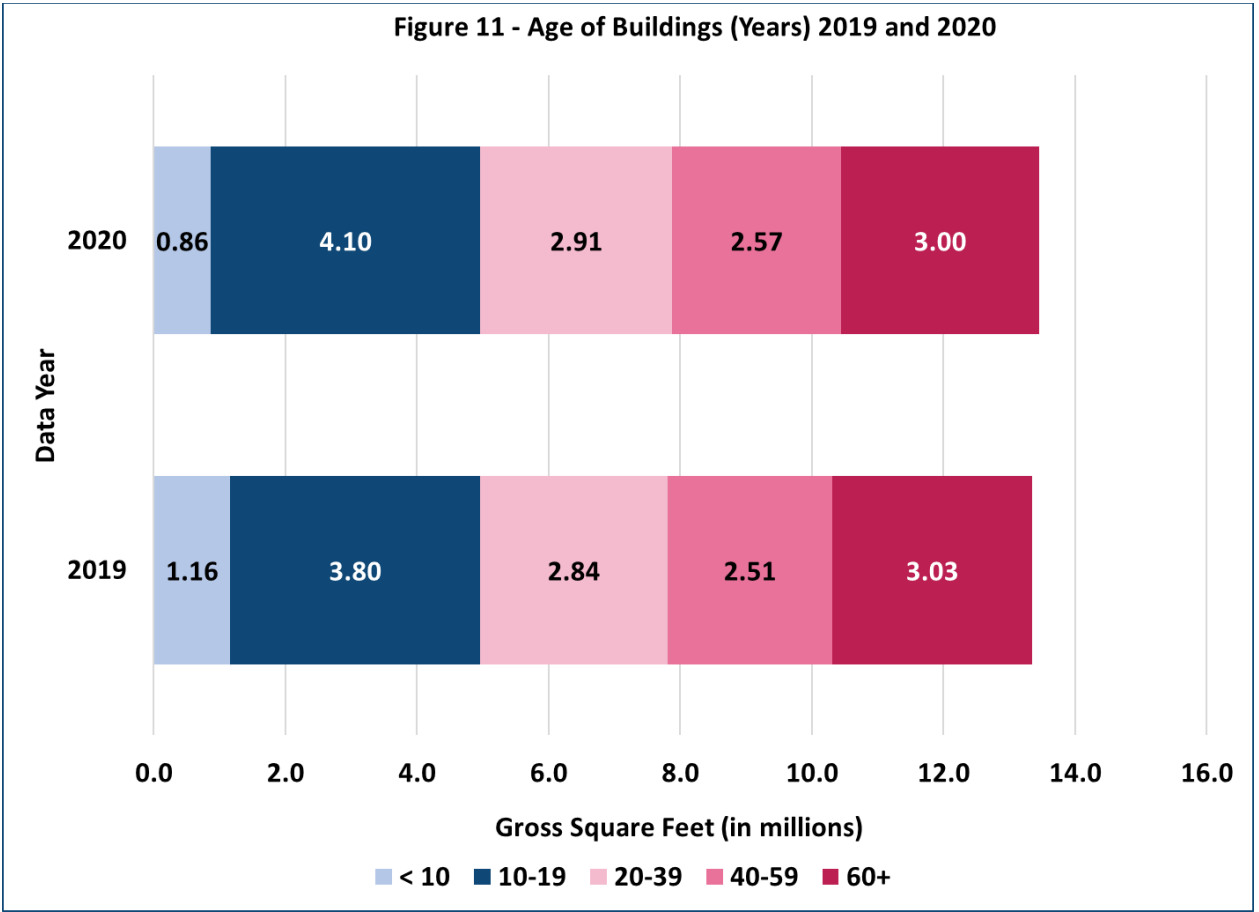


Figure 10 - Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020

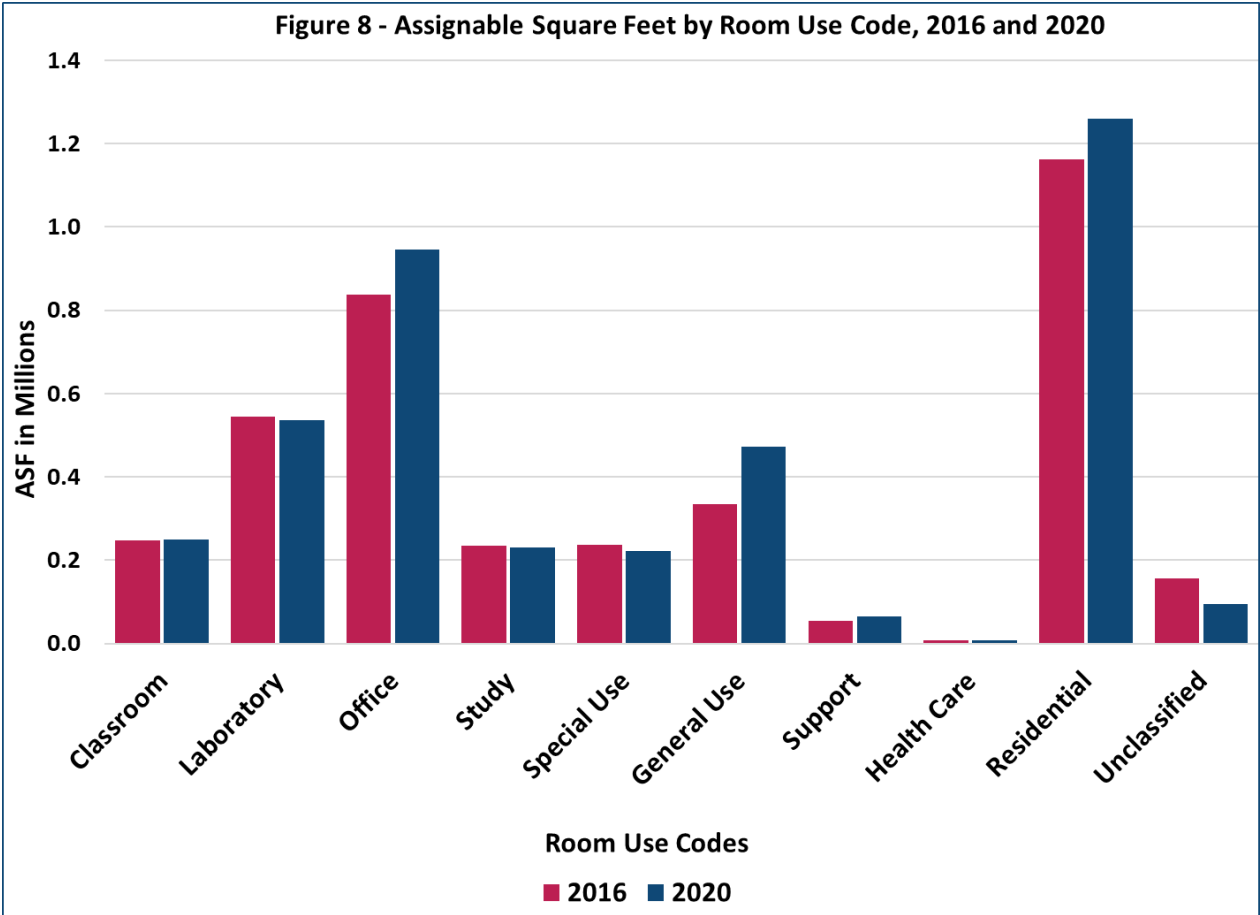




UNC Charlotte is North Carolina’s urban research university and the third largest in the UNC System, located in the state’s largest city. Established by action of the North Carolina General Assembly in 1949, today UNCC offers competitive undergraduate, graduate, and professional programs in areas shaping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

Room Space Characteristics

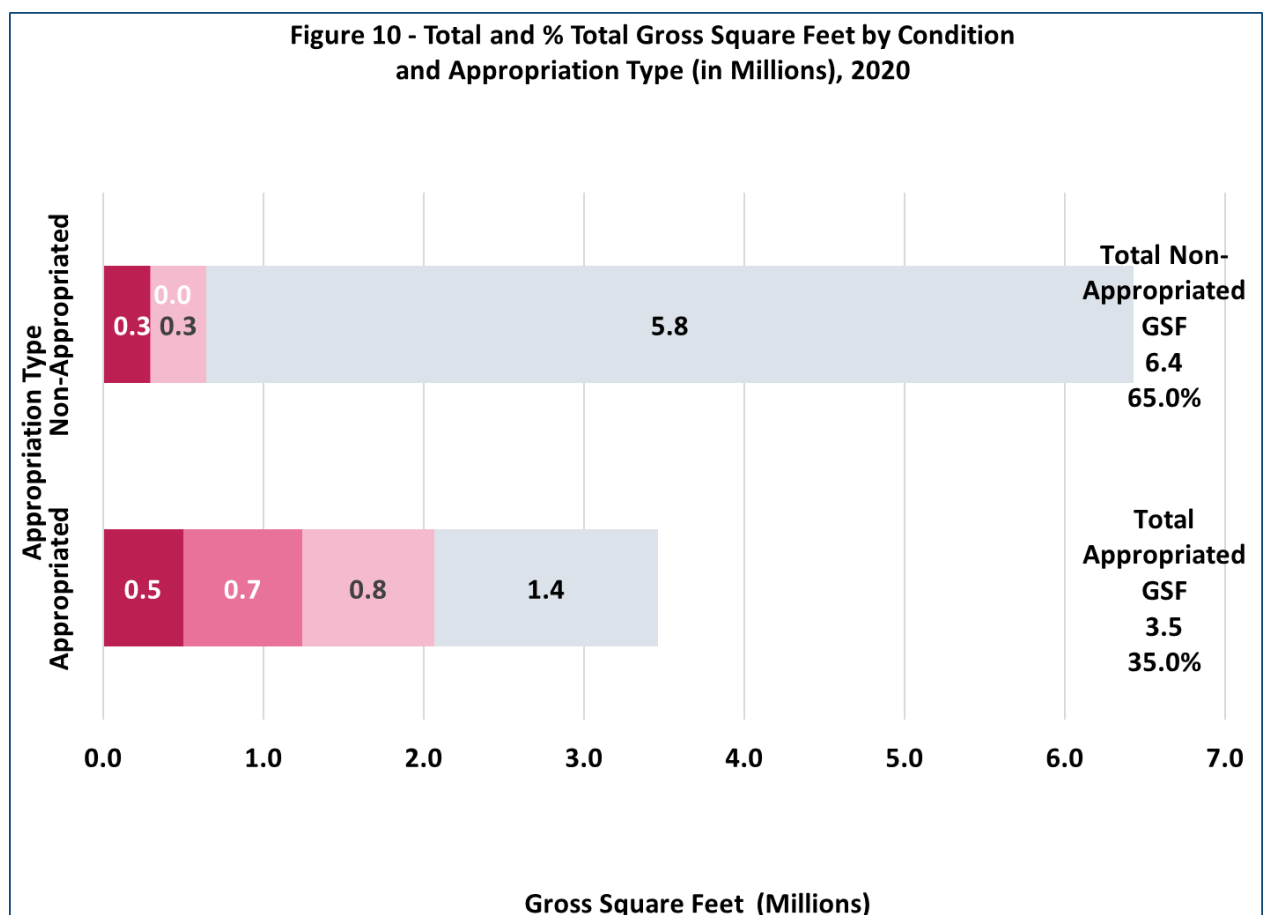
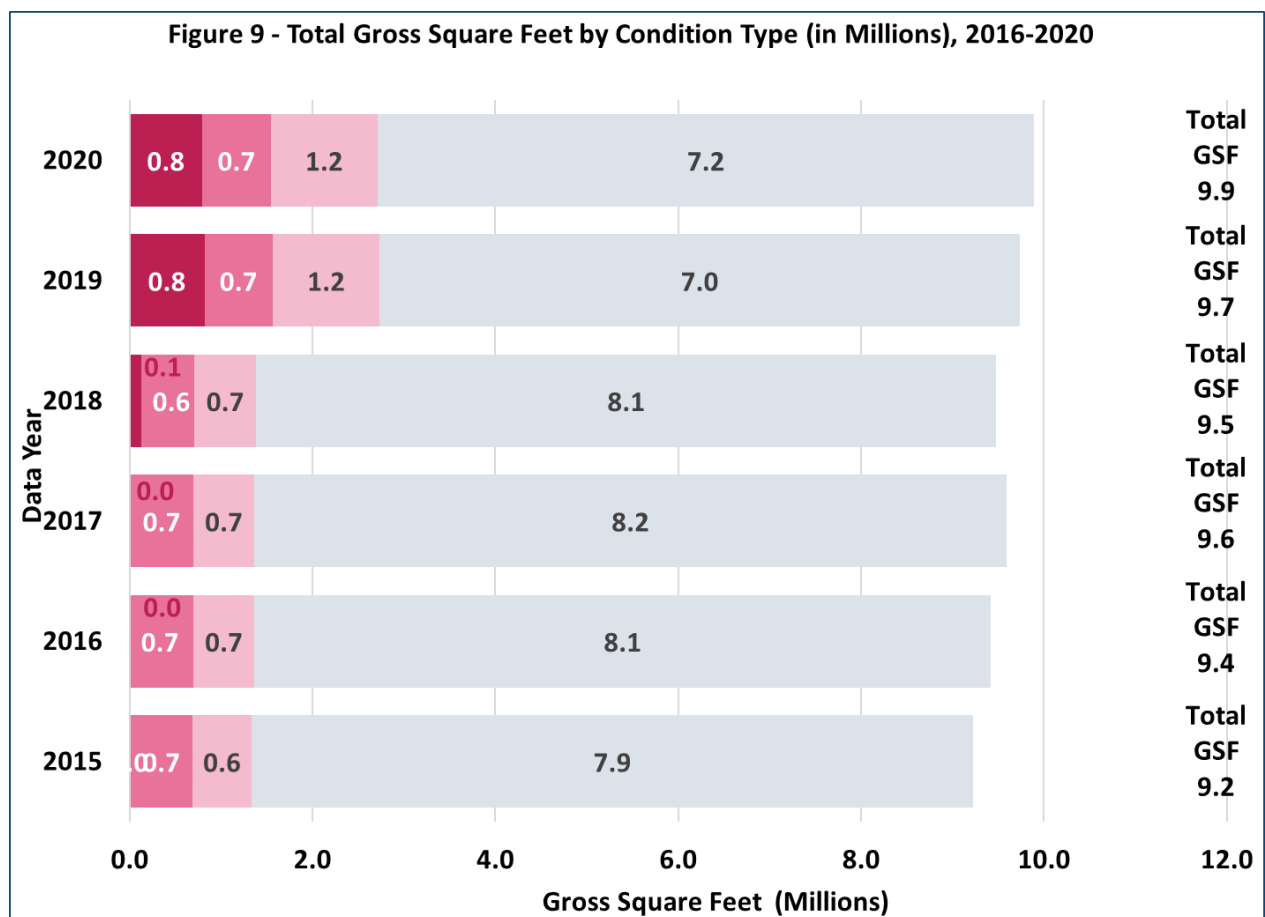
In 2020, the assignable square feet at UNC Charlotte increased from 3,970,294 to 4,083,322, or 2.8% from the previous year.

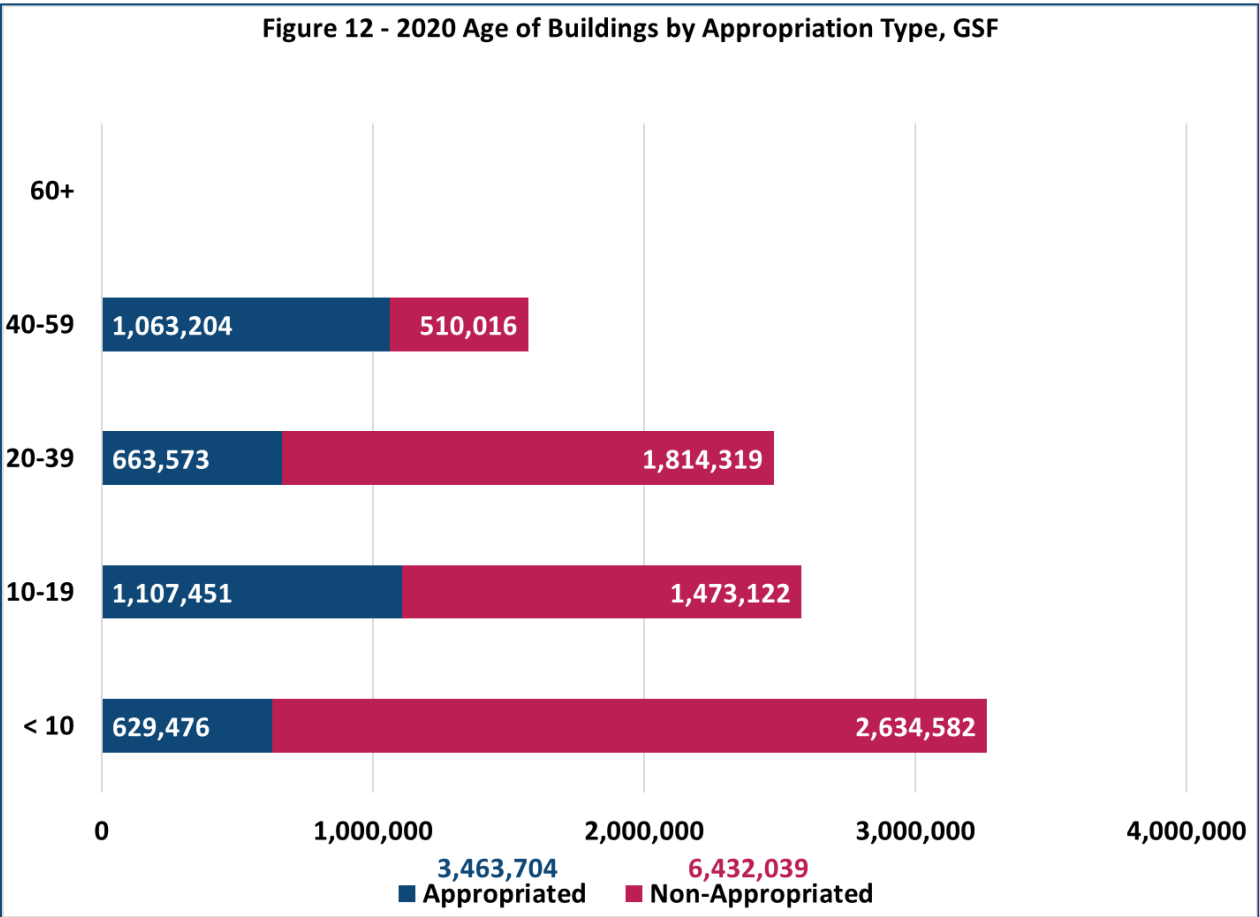
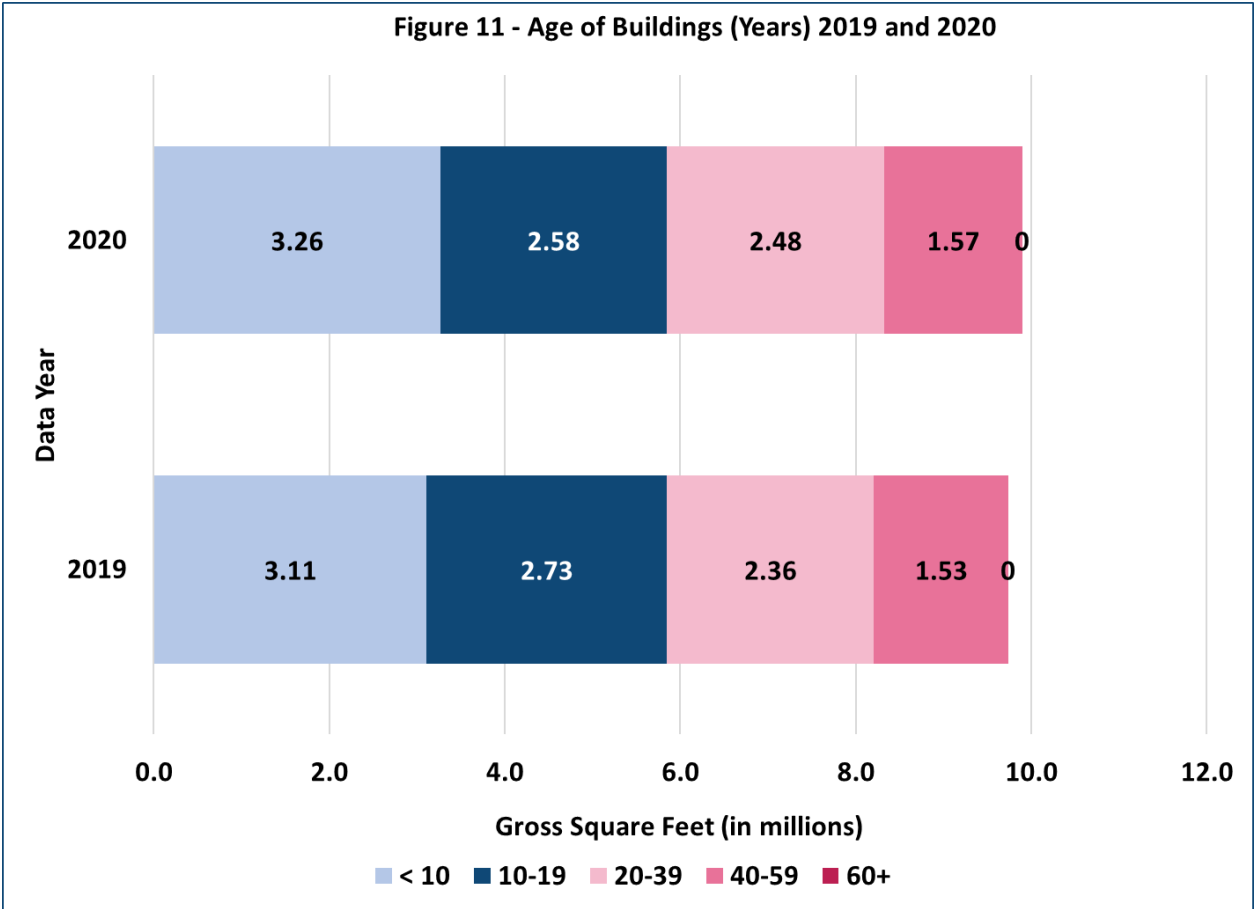


Building Characteristics

University of North Carolina Charlotte has 9,895,743 gross square feet of space comprised of 120 buildings (34 residential, 86 non-residential; 50 appropriated, 70 non-appropriated; 75 owned, 0 leased, 45 under other agreement terms) with 4,083,322 square feet of assignable space, having increased by 7% within the last five years. Since 2019, gross square footage has increased by 159,269 SF, or 1.6%.

| University of North Carolina Charlotte Building Characteristics | |
|---|---------------------------|
| 120 Total Buildings | |
| 50 Appropriated | 75 Owned |
| 70 Non-appropriated | 0 Leased |
| <u>120 Total</u> | <u>45 Other Agreement</u> |
| | 120 Total |

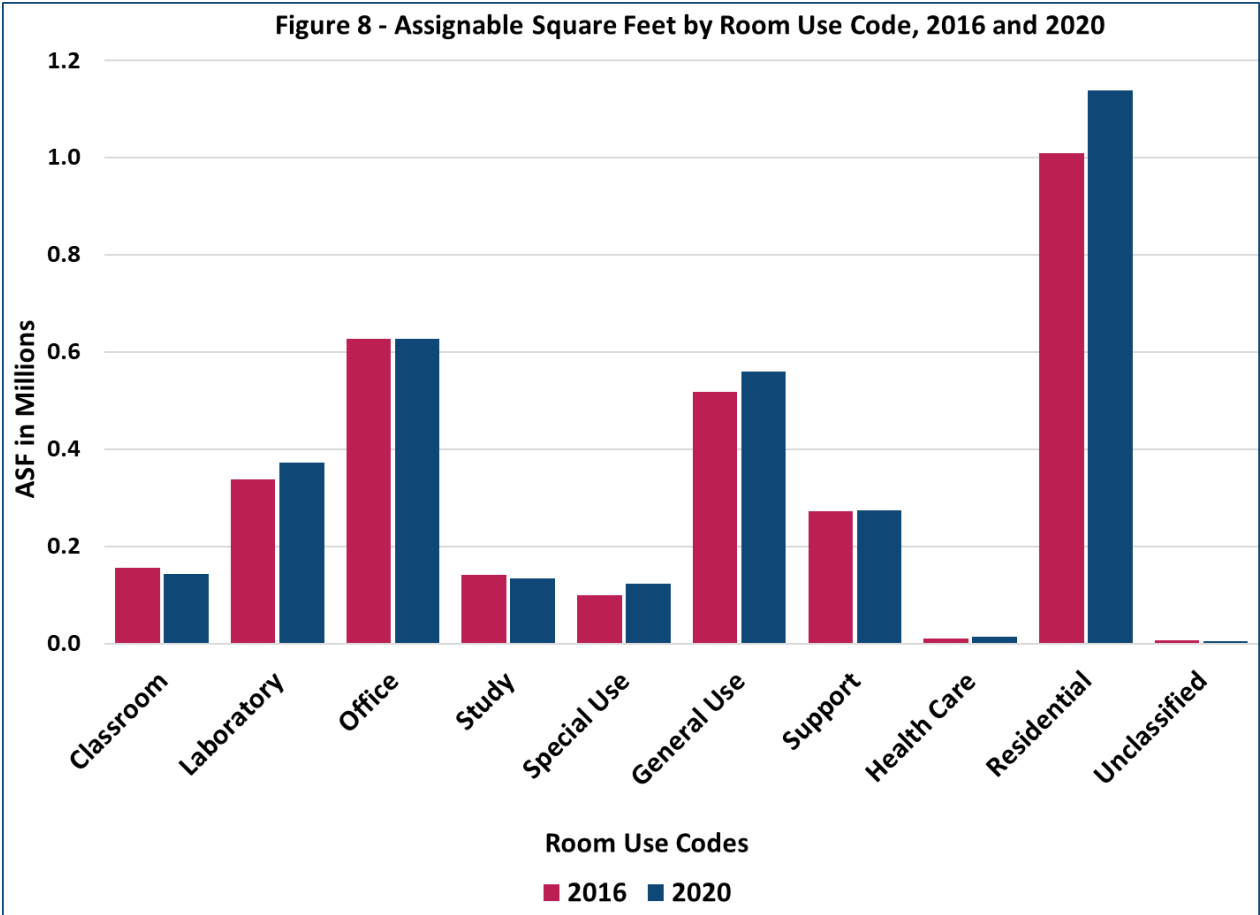




Founded in 1891 in Greensboro, the geographical center of the state, UNCG is one of the original three UNC System institutions. Known in its early years as the North Carolina College for Women, UNCG today is one of the most diverse universities in North Carolina, providing more than 125 areas of study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

Room Space Characteristics

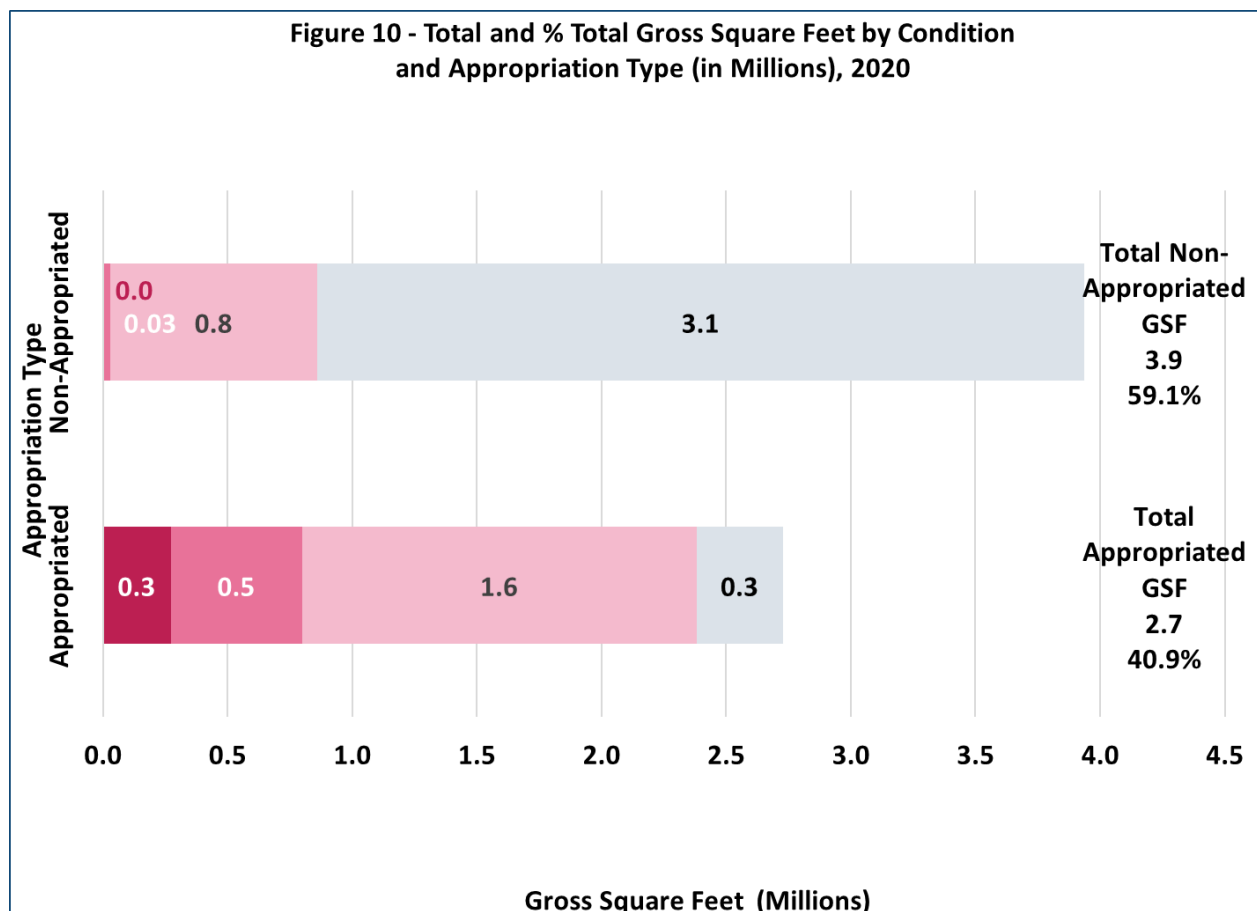
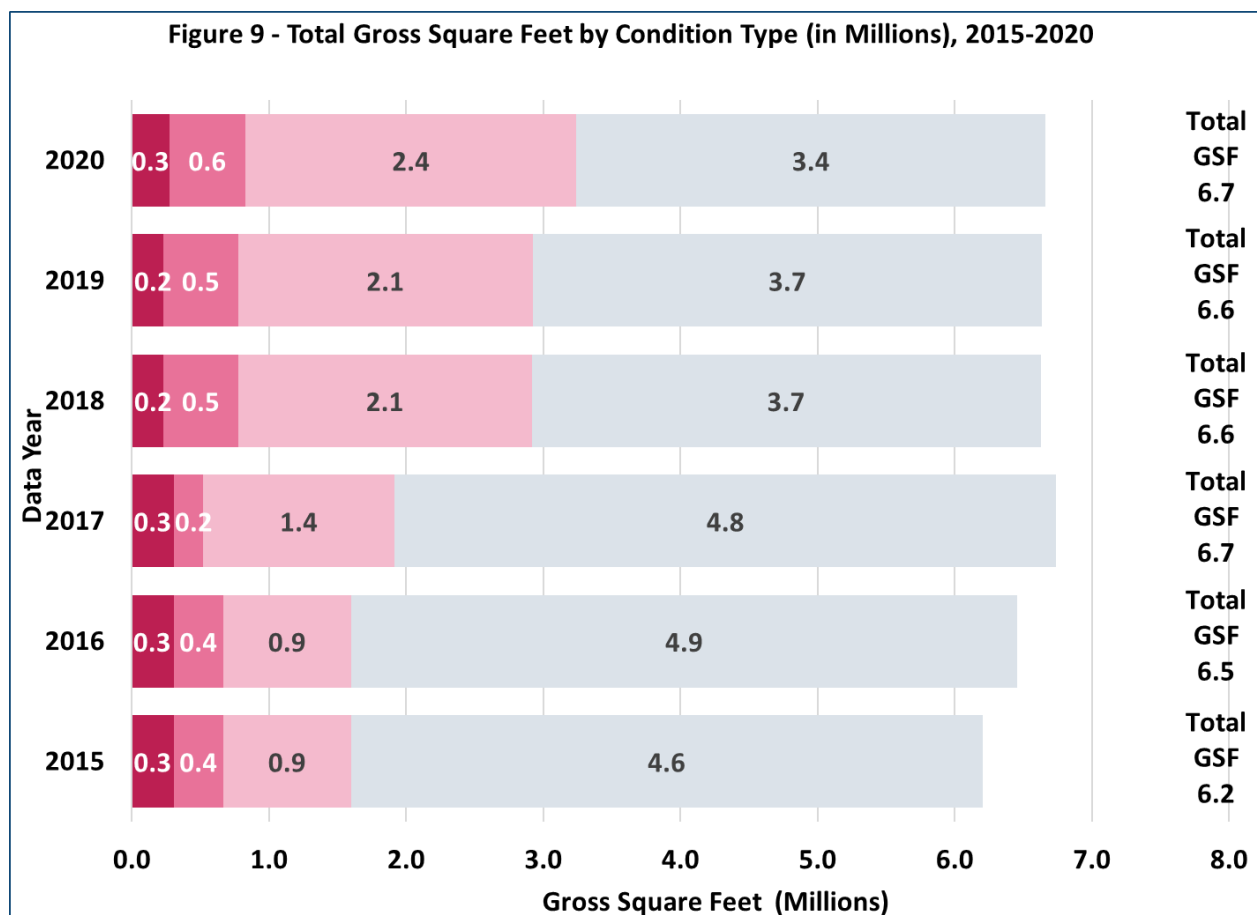
In 2020, the assignable square feet at UNC Greensboro increased from 3,379,163 to 3,388,107, or 0.3% from the previous year.

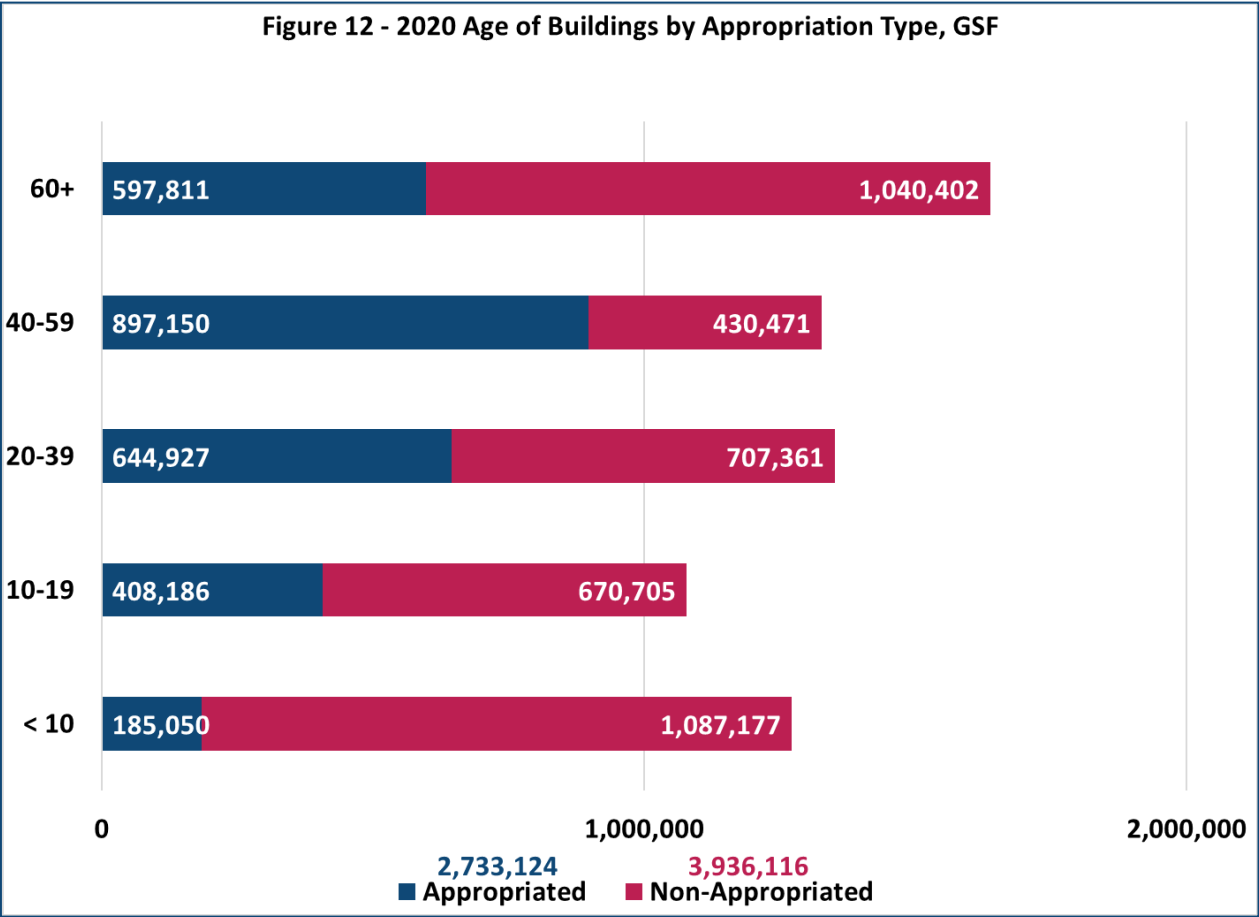
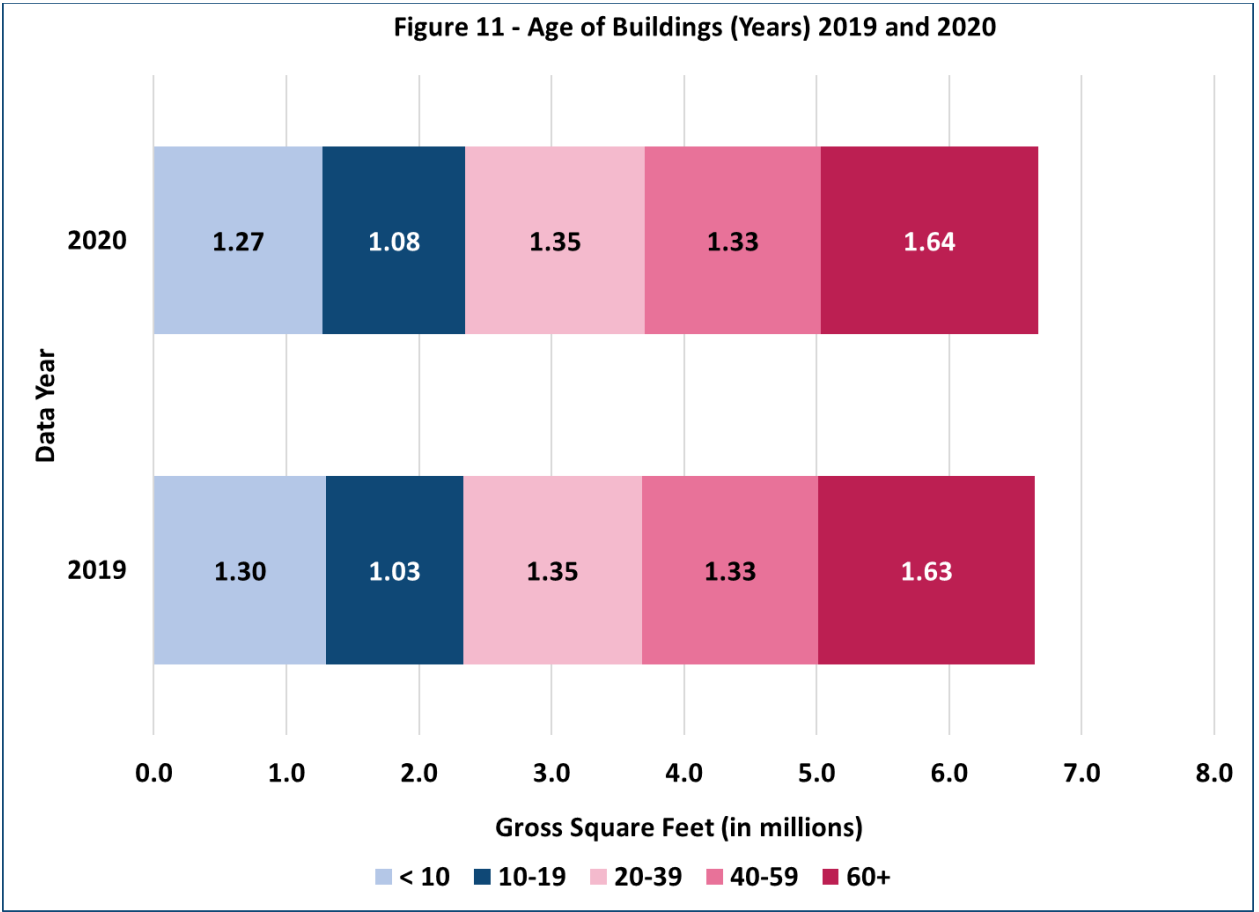


Building Characteristics

University of North Carolina Greensboro has 6,669,240 gross square feet of space comprised of 152 buildings (30 residential, 122 non-residential; 63 appropriated, 89 non-appropriated; 85 owned, 16 leased, 51 under other agreement terms) with 3,388,107 square feet of assignable space, having increased by 6.6% within the last five years. Since 2019, gross square footage has increased 25,439 SF, or 0.4%.

| University of North Carolina Greensboro Building Characteristics | |
|--|--------------------|
| 152 Total Buildings | |
| 63 Appropriated | 85 Owned |
| <u>89 Non-appropriated</u> | <u>16 Leased</u> |
| 152 Total | 51 Other Agreement |
| | 152 Total |



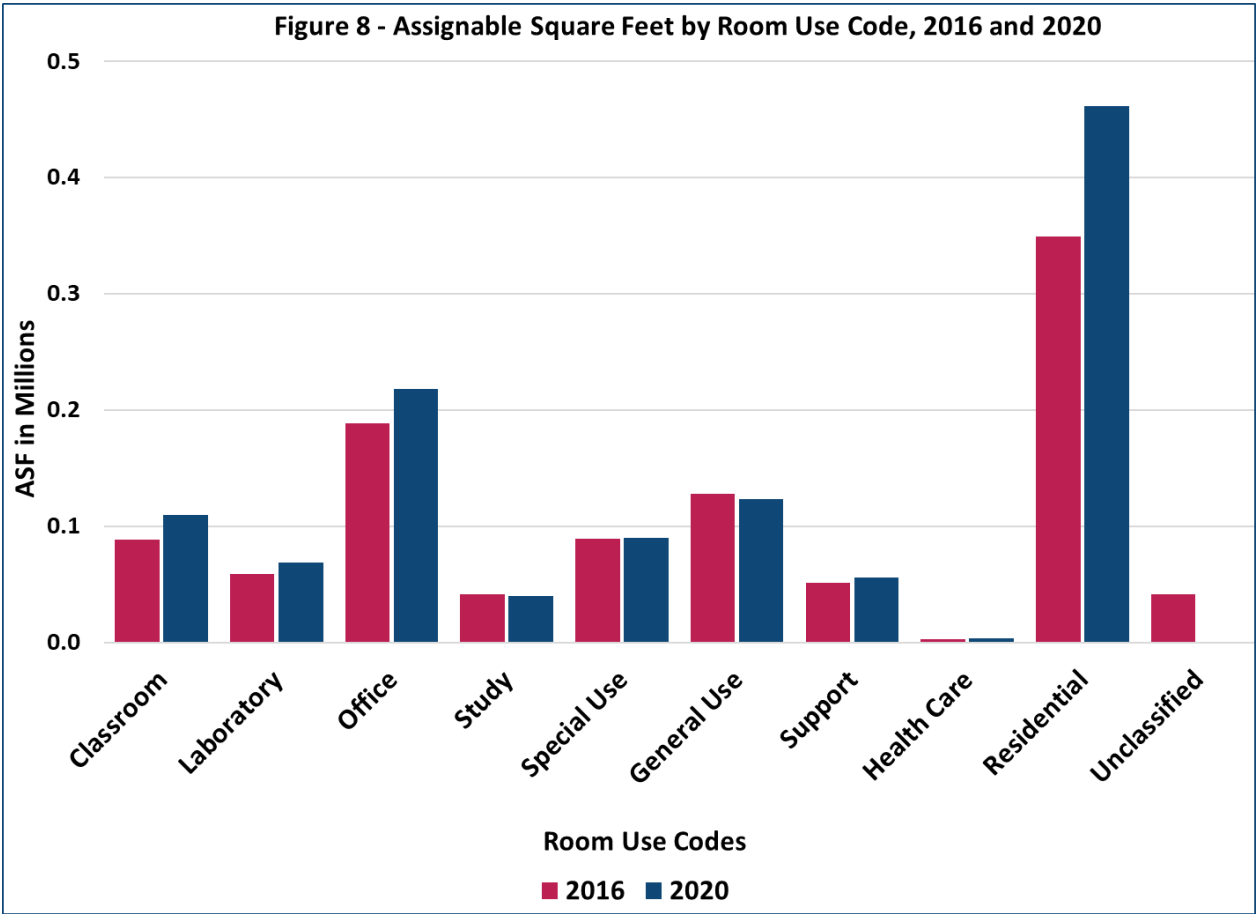


Founded in 1887 to educate American Indian teachers, UNC Pembroke is the nation’s only four-year public institution founded by American Indians for American Indians. Located in Pembroke in southeastern North Carolina, UNCP is one of the most diverse campuses in the South. The figures below focus on room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

Room Space Characteristics

In 2020, the assignable square feet at UNC Pembroke decreased from 1,209,182 to 1,170,530, or -3.2% from the previous year.

| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 313,981 | 26.8% | 27.3% | -0.5% |
| Research | 556 | 0.0% | 0.2% | -0.1% |
| Public Service | 292 | 0.0% | 0.2% | -0.2% |
| Student Service | 604,943 | 51.7% | 48.0% | 3.7% |
| Other | 250,758 | 21.4% | 24.3% | -2.9% |



Building Characteristics

University of North Carolina Pembroke has 1,803,081 gross square feet of space comprised of 51 buildings (10 residential, 41 non-residential; 38 appropriated, 13 non-appropriated; 40 owned, 2 leased, 9 under other agreement terms) with 1,170,530 square feet of assignable space, having increased by 12.7% within the last five years. Since 2019, gross square footage has decreased by -2,504 SF, or -0.1%.

| University of North Carolina Pembroke Building Characteristics | |
|--|-------------------|
| 51 Total Buildings | |
| 38 Appropriated | 40 Owned |
| 13 Non-appropriated | 2 Leased |
| 51 Total | 9 Other Agreement |
| | 51 Total |

Figure 9 - Total Gross Square Feet by Condition Type (in Millions), 2015-2020

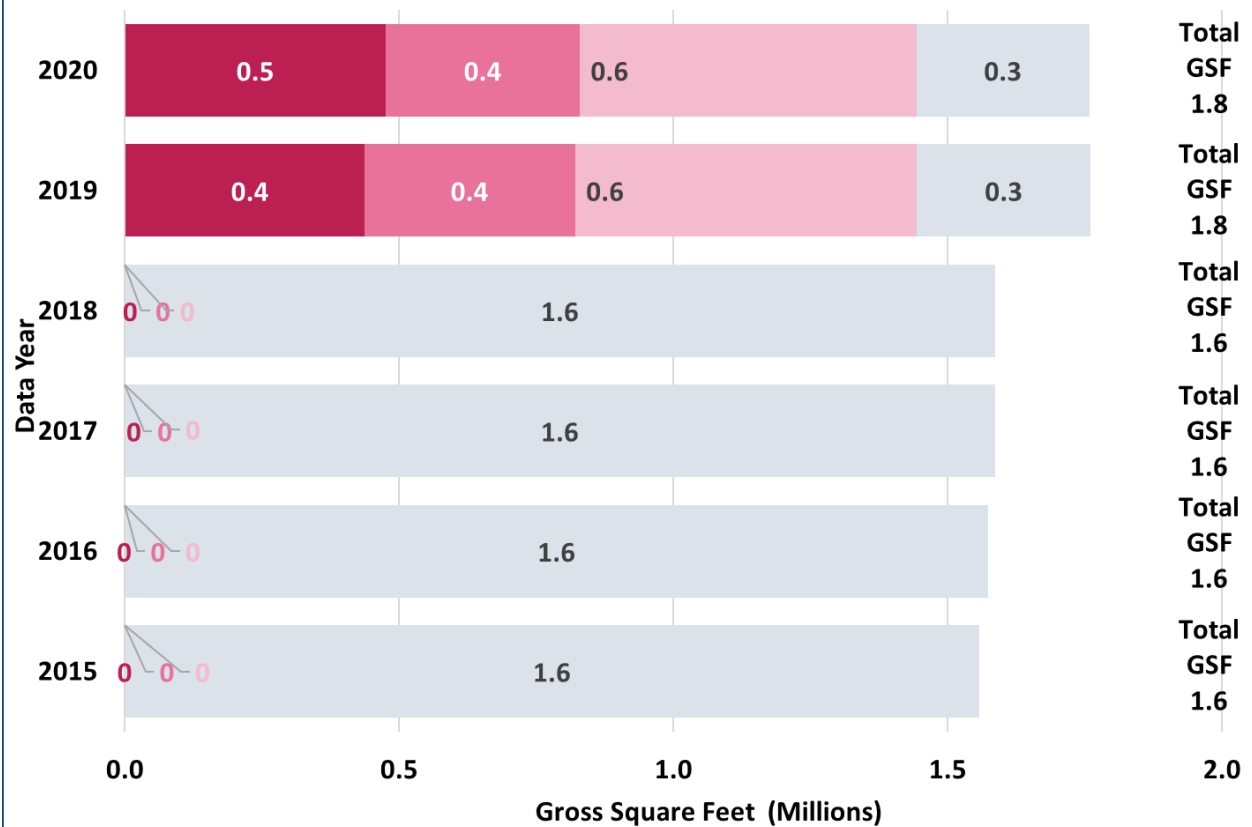
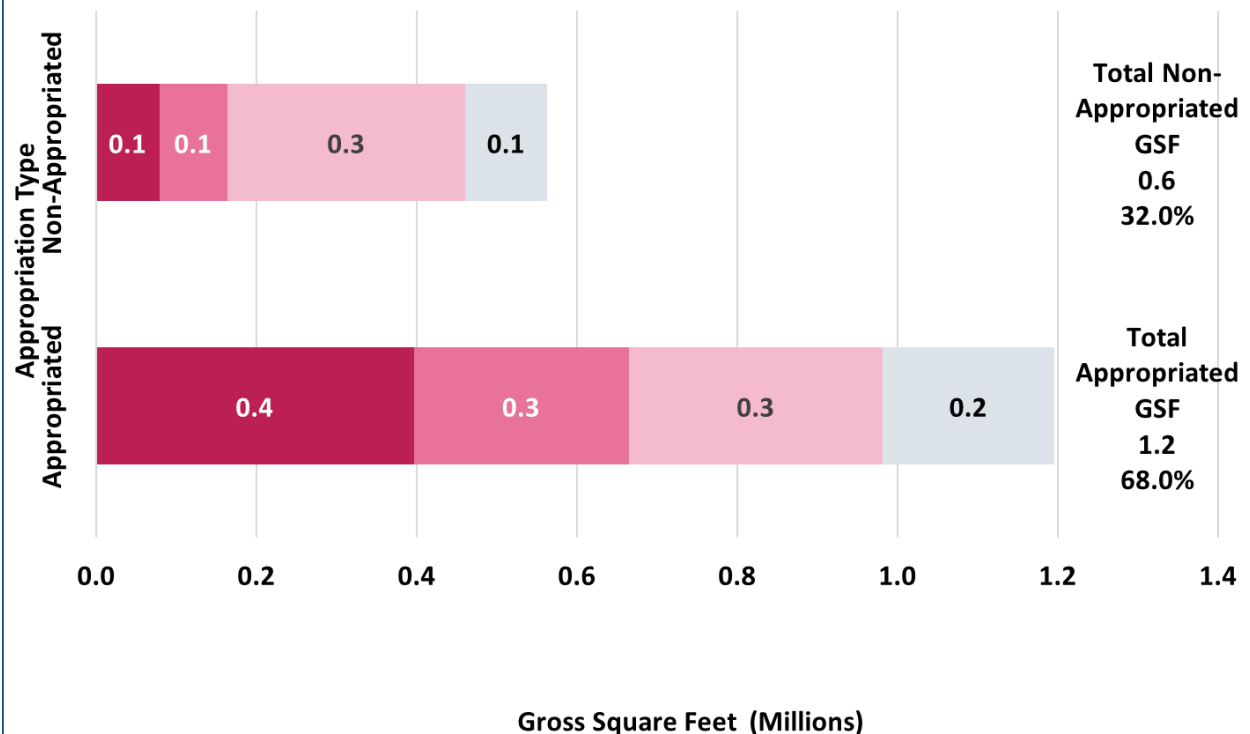


Figure 10 - Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020



University of North Carolina Pembroke Summary

Figure 11 - Age of Buildings (Years) 2019 and 2020

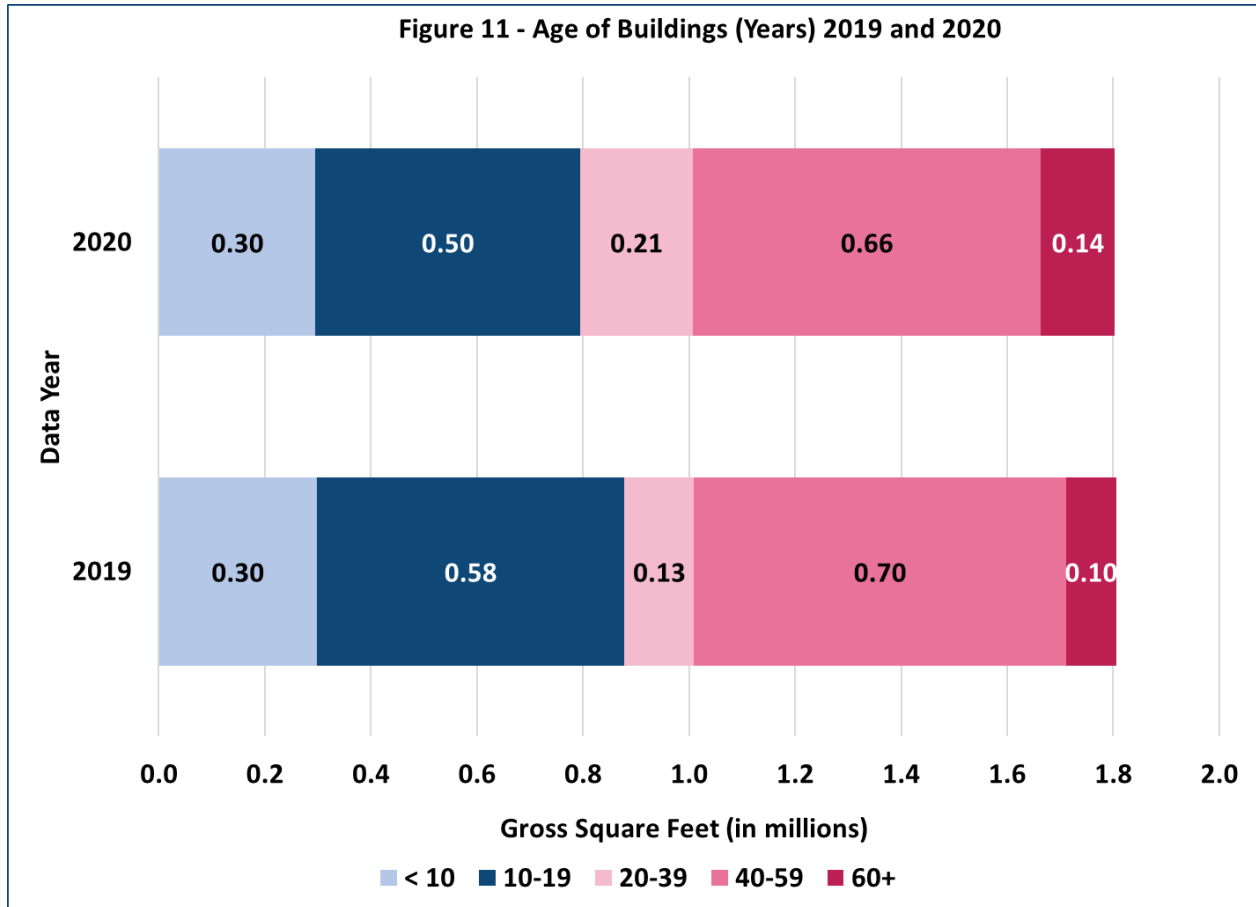
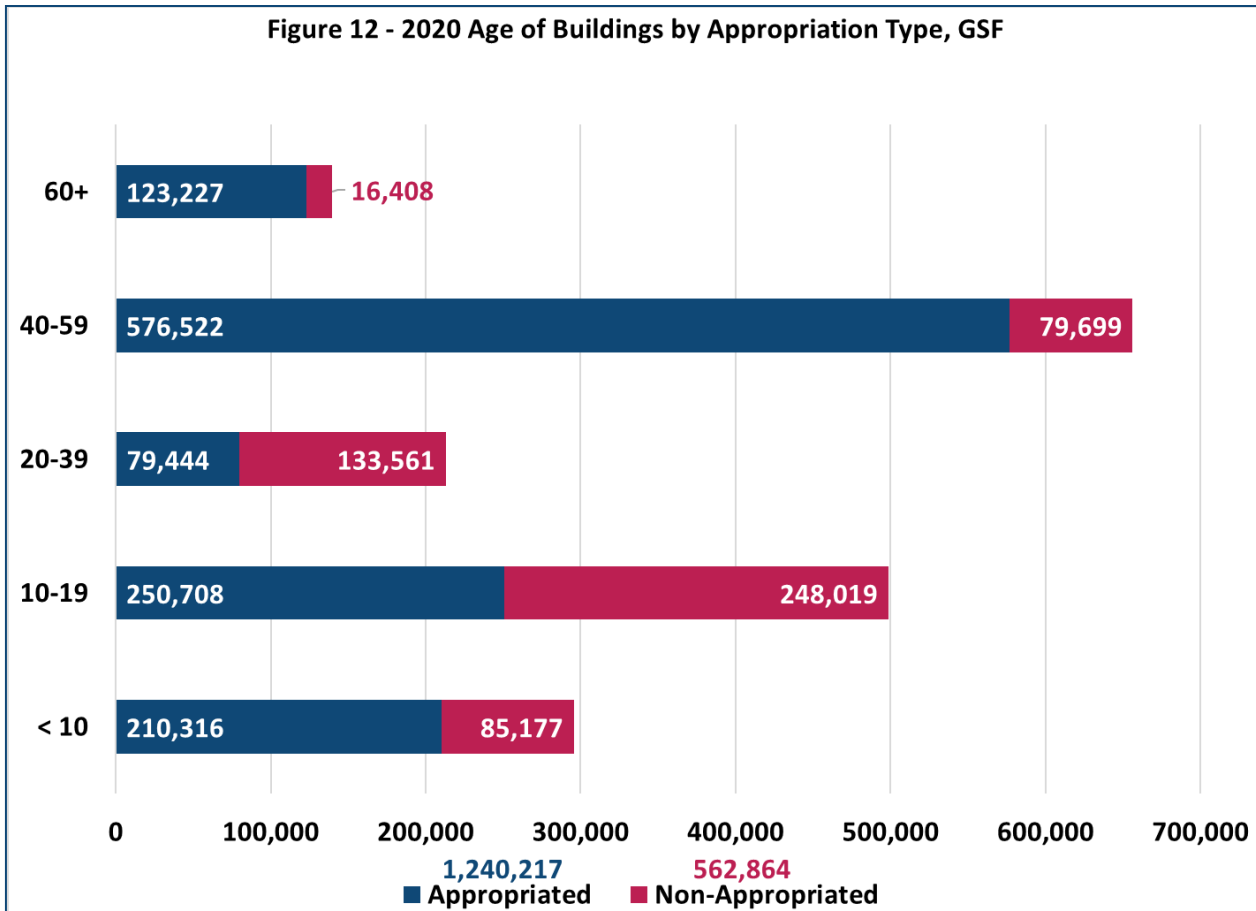


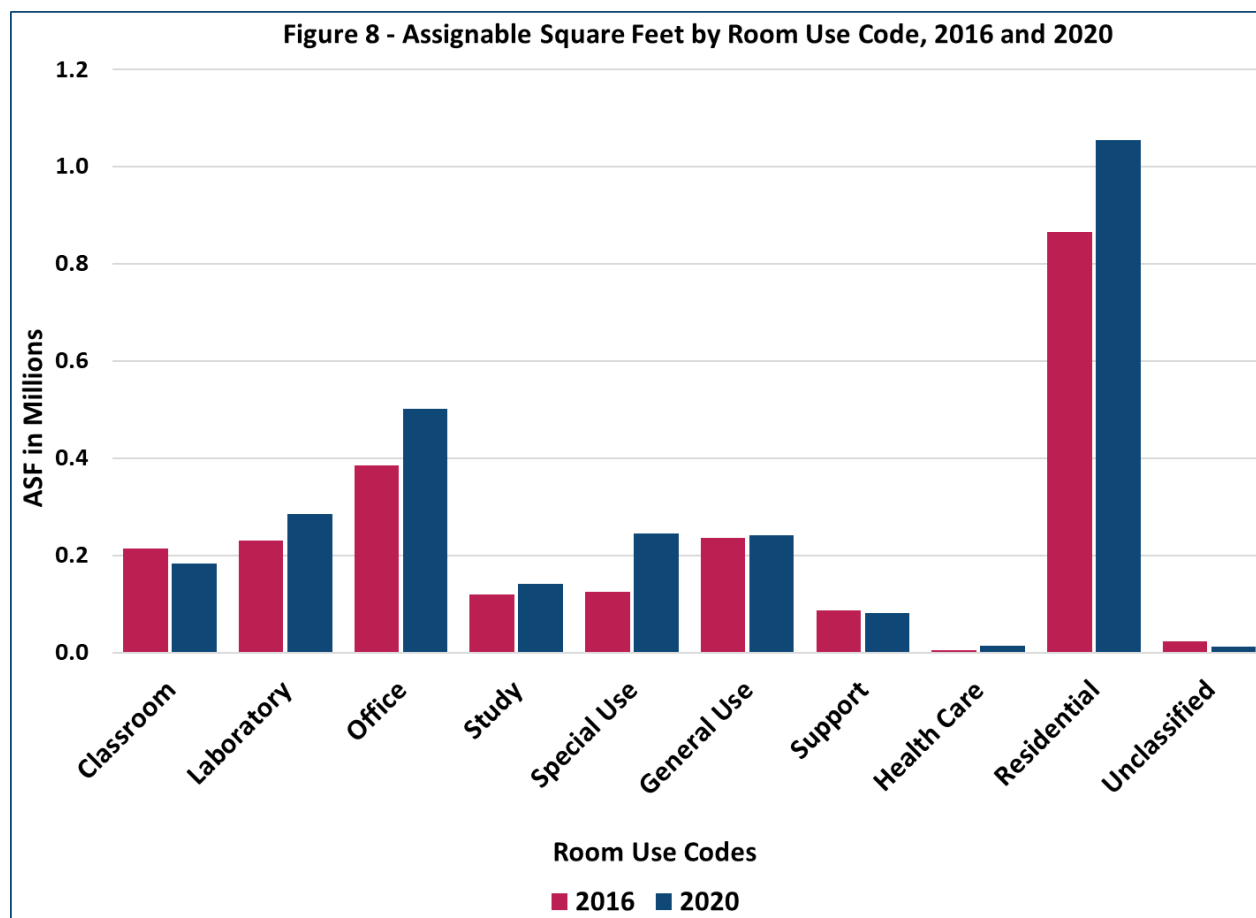
Figure 12 - 2020 Age of Buildings by Appropriation Type, GSF



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.

Room Space Characteristics

In 2020, the assignable square feet at UNC Wilmington increased from 2,533,267 to 2,760,536, or 9.0% from the previous year.



Building Characteristics

University North Carolina Wilmington has 4,769,221 gross square feet of space comprised of 166 buildings (40 residential, 126 non-residential; 71 appropriated, 95 non-appropriated; 129 owned, 9 leased, 28 under other agreement terms) with 2,760,536 square feet of assignable space, having increased by 20.5% within the last five years. Since 2019, gross square footage has increased by 759,710 SF, or 18.9%.

| University of North Carolina Wilmington Building Characteristics | |
|--|---------------------------|
| 166 Total Buildings | |
| 71 Appropriated | 129 Owned |
| 95 Non-appropriated | 9 Leased |
| <u>166 Total</u> | <u>28 Other Agreement</u> |
| | 166 Total |

Figure 9 - Total Gross Square Feet by Condition Type (in Millions), 2015-2020

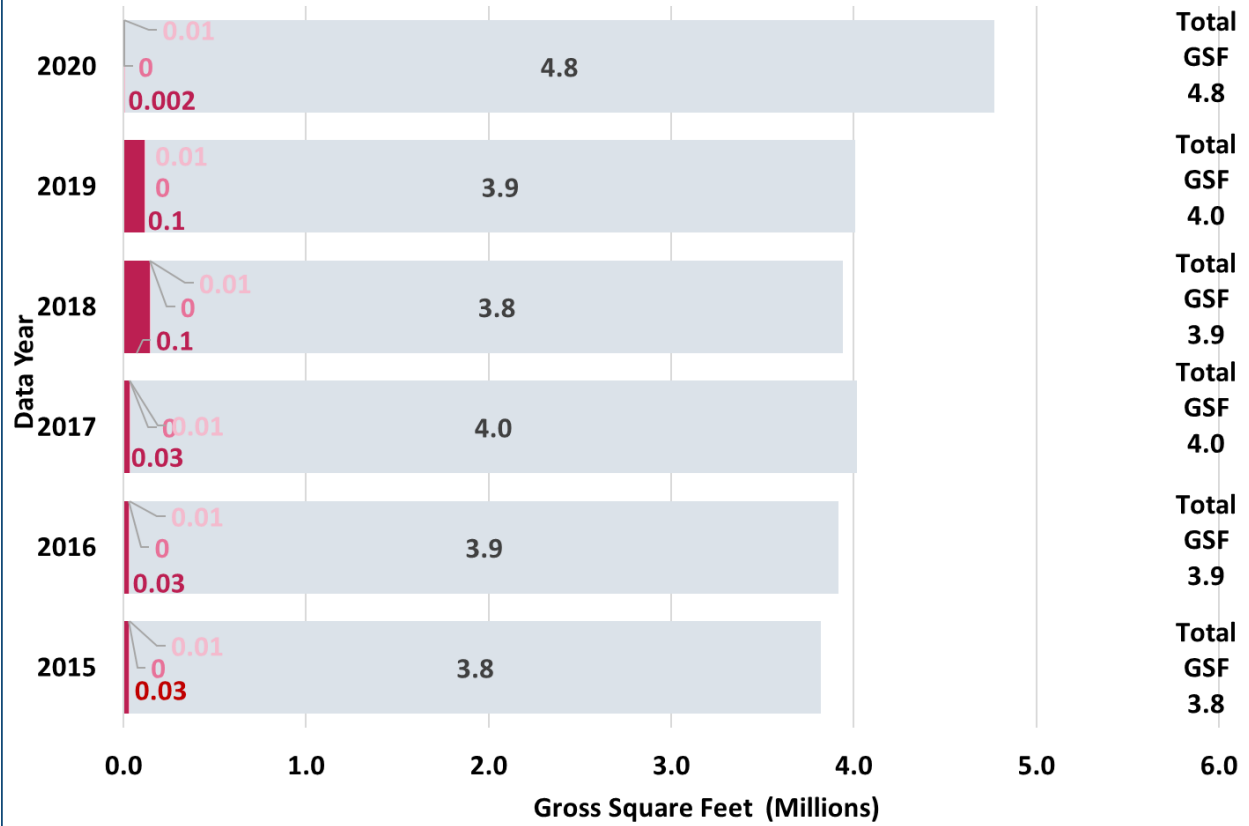
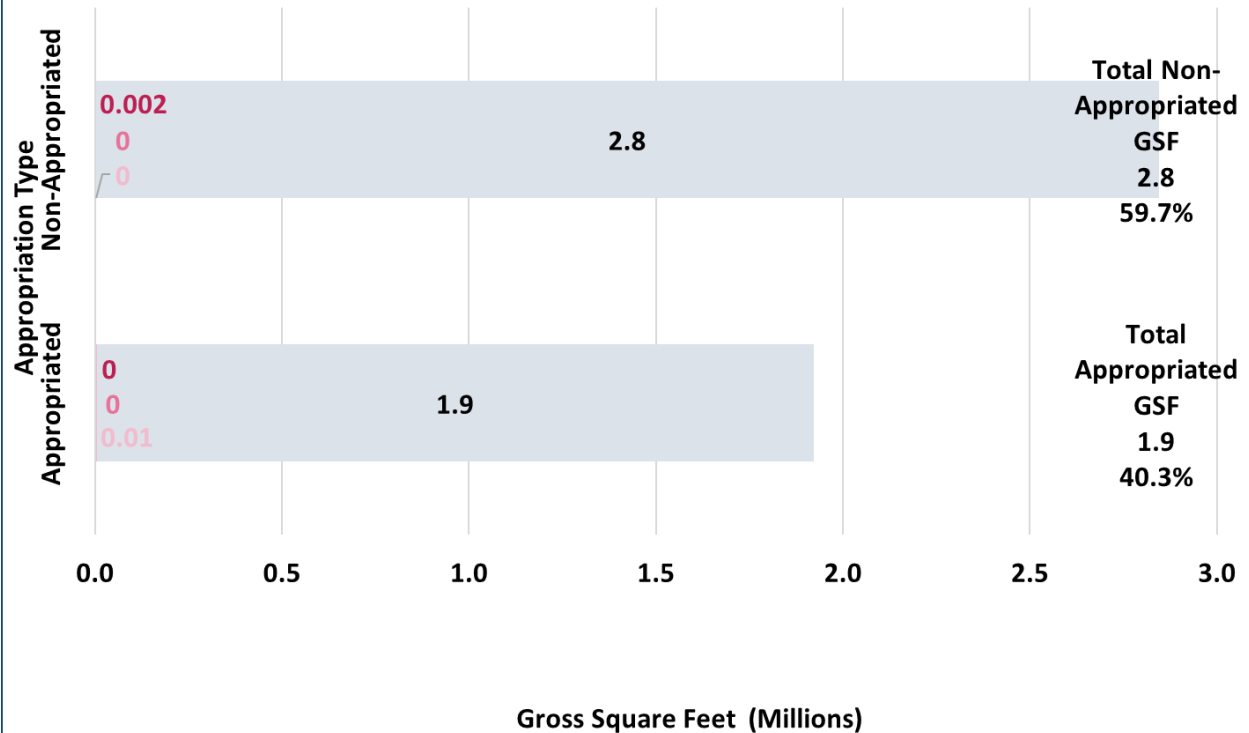
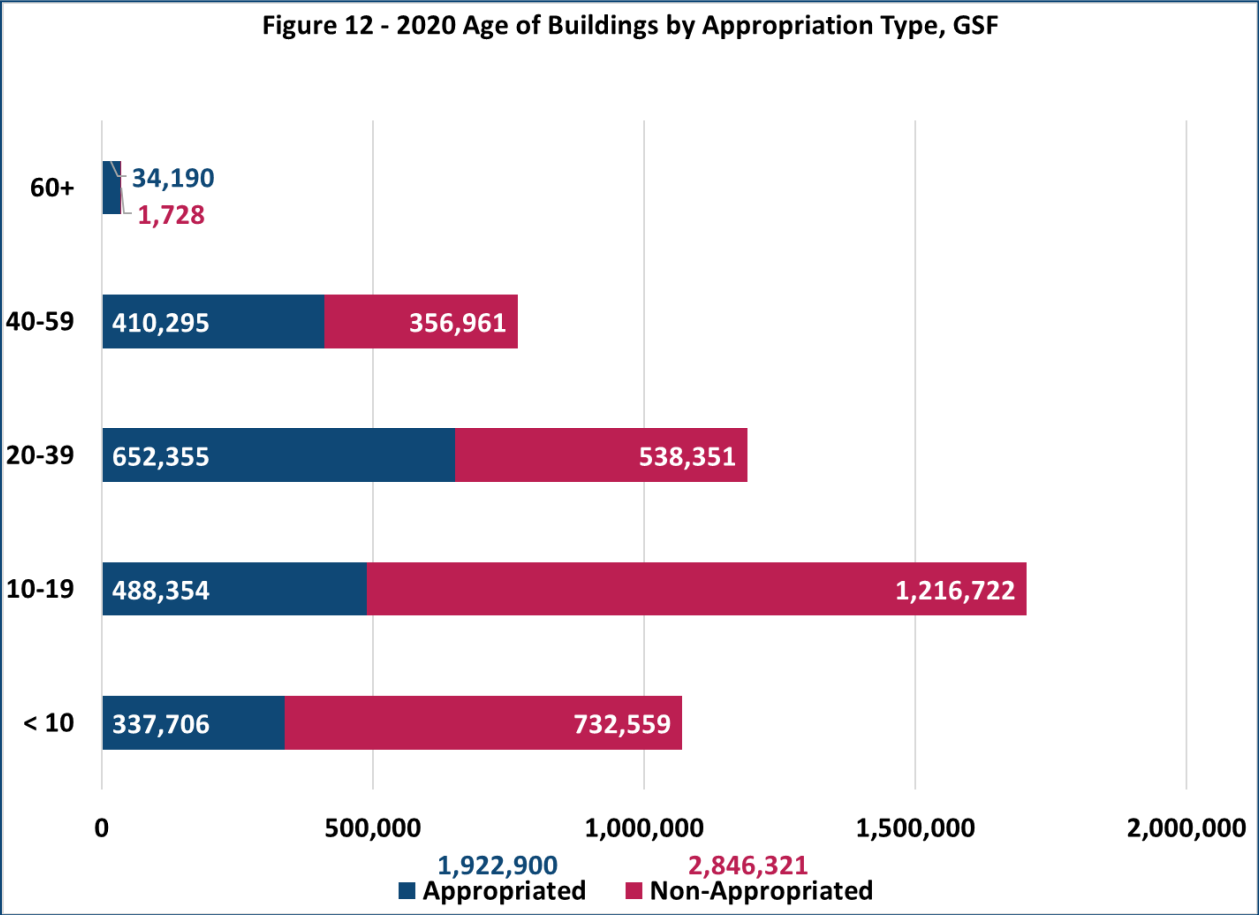
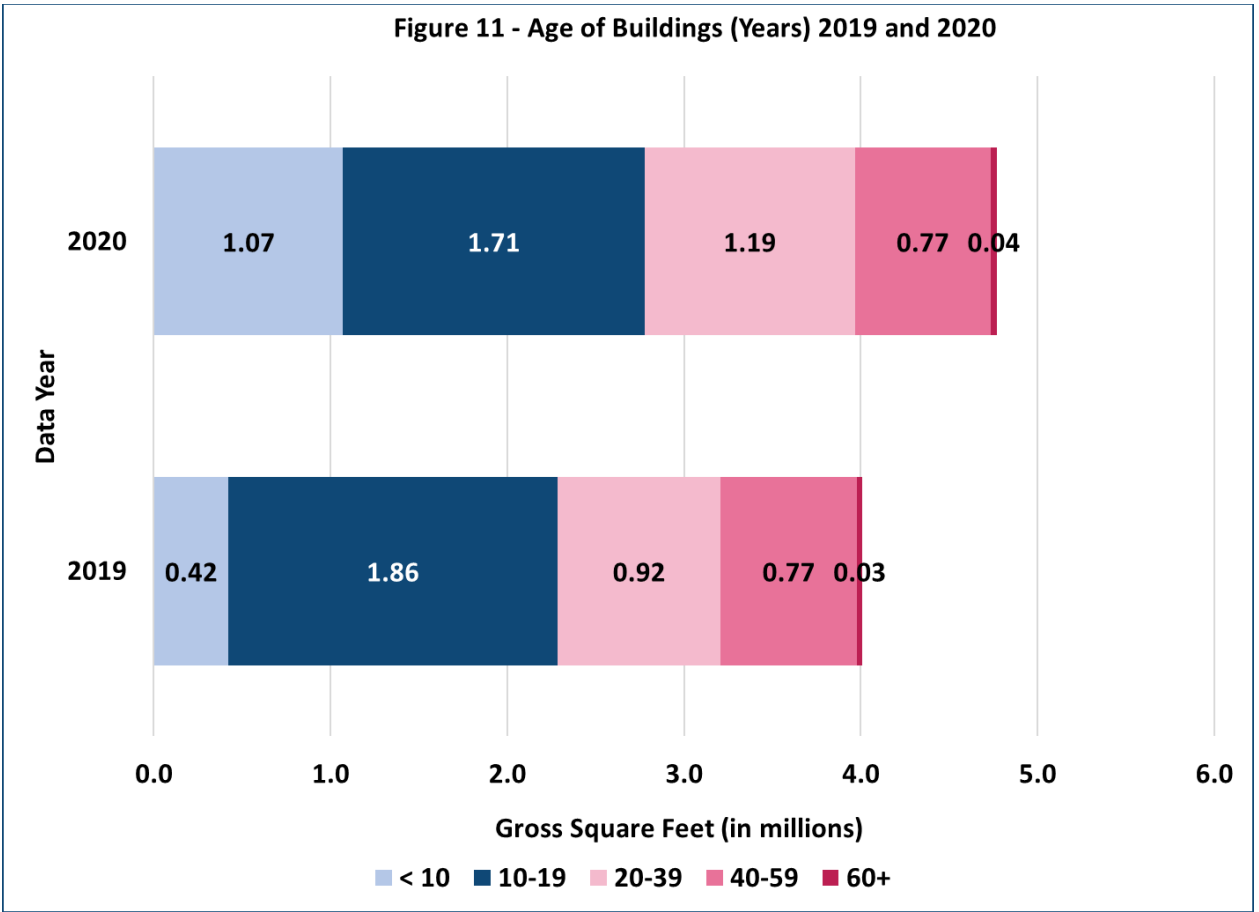


Figure 10 - Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020

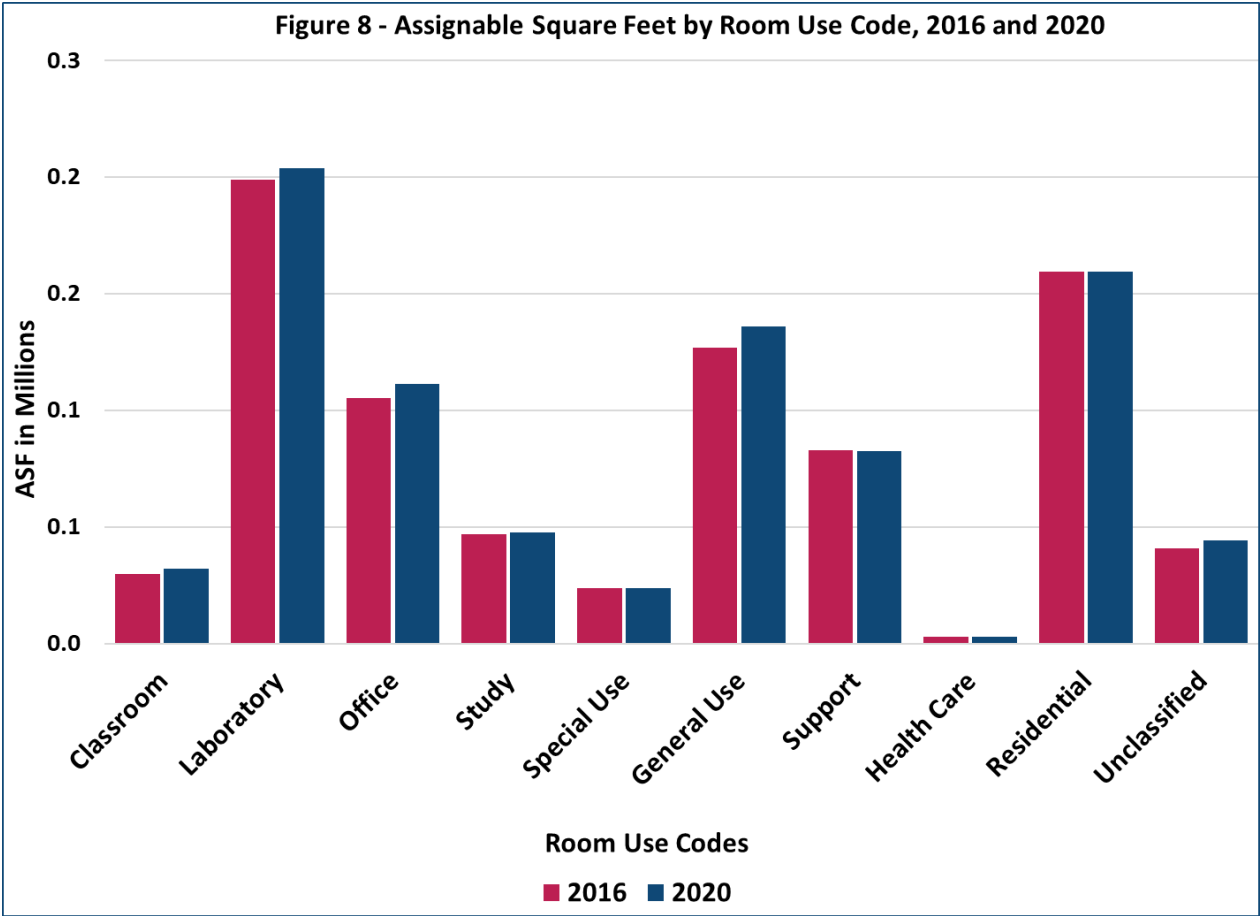




Established by act of the North Carolina General Assembly in 1963, the North Carolina School of the Arts opened in 1965 as America’s first public arts conservatory, located in Winston-Salem as a result of a fund-raising campaign to win the school for the city. The UNC School of the Arts is a top-ranked 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 room space characteristics and building characteristics at the university.

Room Space Characteristics

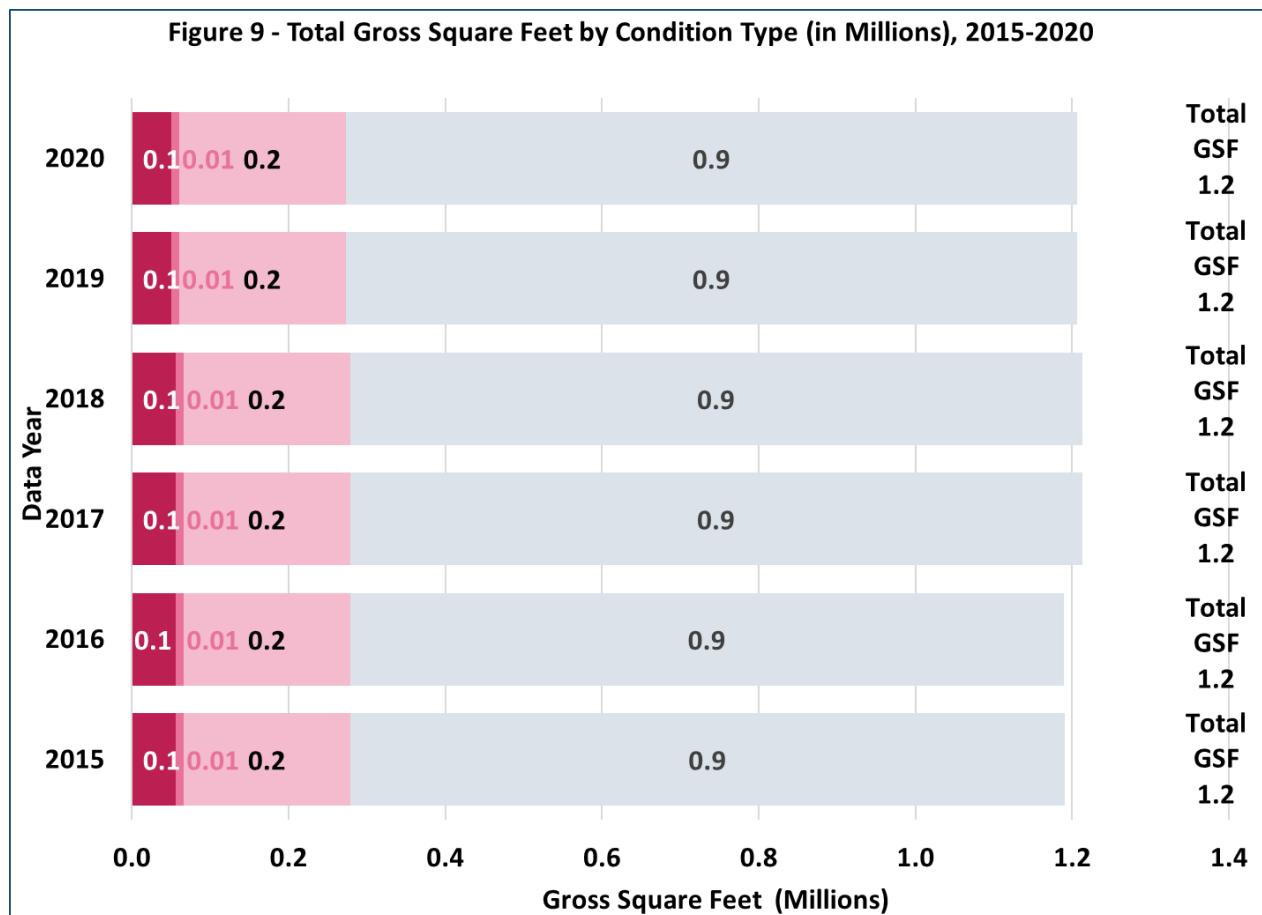
In 2020, the assignable square feet at UNC School of the Arts increased from 820,449 to 843,788, or 2.8% from the previous year.

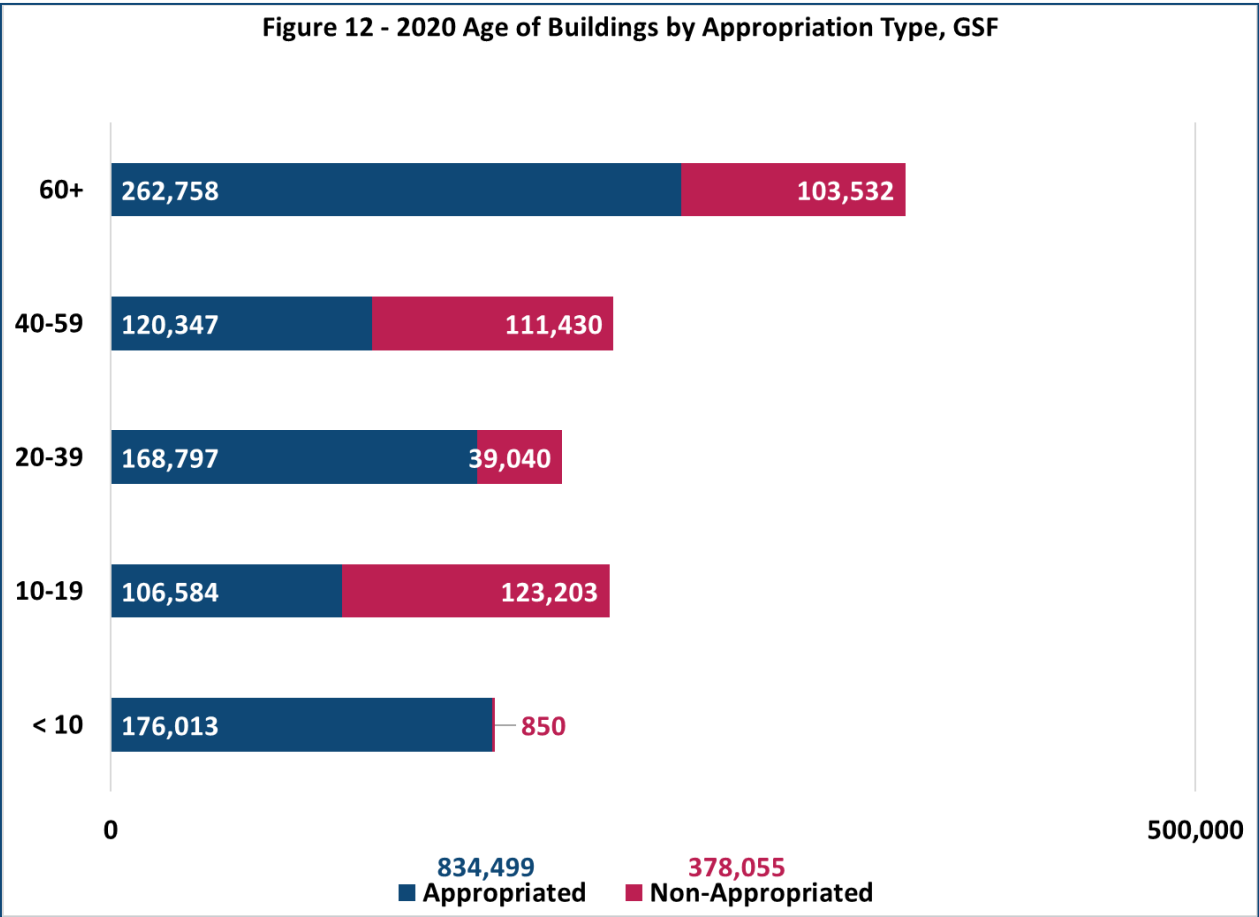
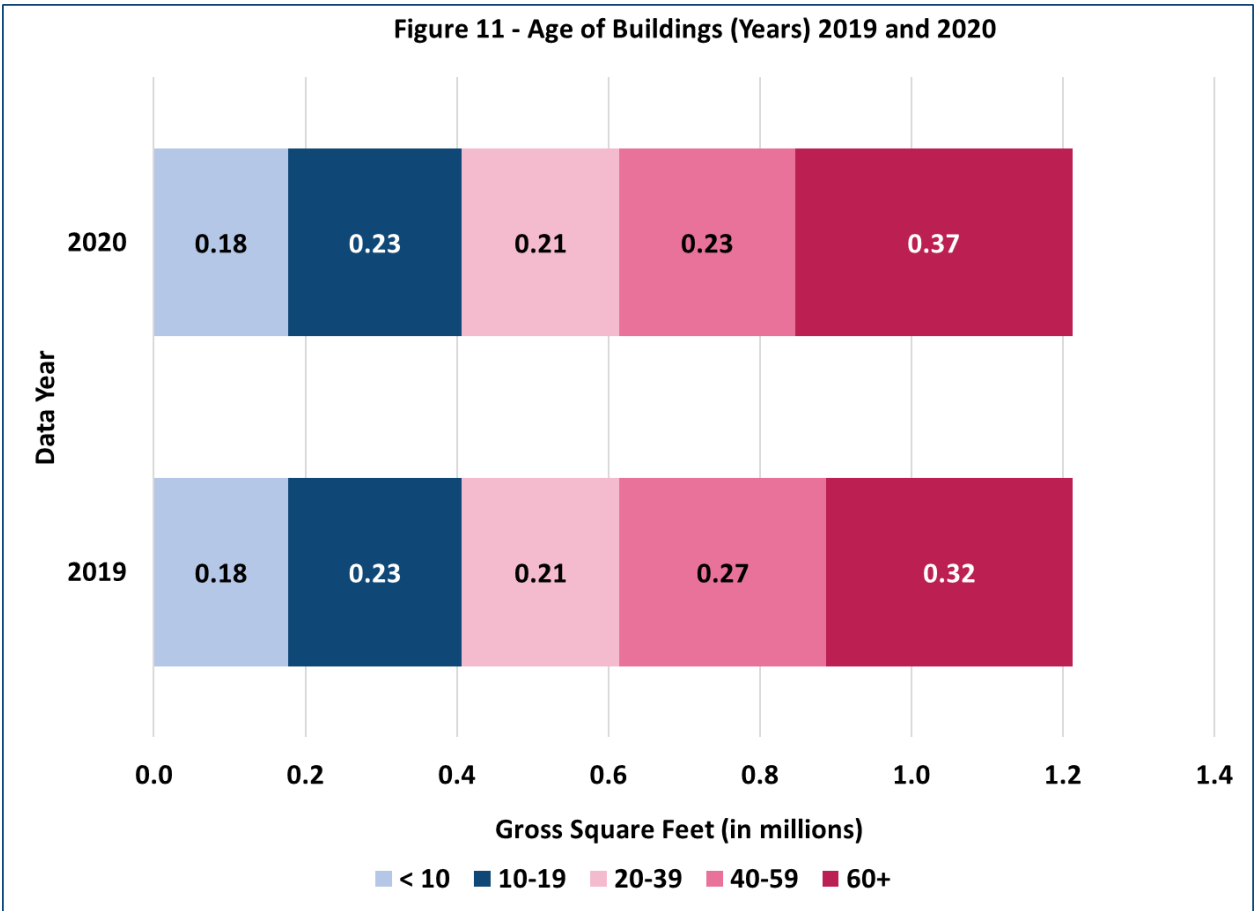


Building Characteristics

University of North Carolina School of the Arts has 1,212,554 gross square feet of space comprised of 65 buildings (19 residential, 46 non-residential; 43 appropriated, 22 non-appropriated; 59 owned, 1 leased, 5 under other agreement terms) with 843,788 square feet of assignable space, decreasing 3.3% within the last five years. Since 2019, gross square footage has remained unchanged.

| University of North Carolina School of the Arts Building Characteristics | |
|--|-------------------|
| 65 Total Buildings | |
| 43 Appropriated | 59 Owned |
| 22 Non-appropriated | 1 Leased |
| 65 Total | 5 Other Agreement |
| | 65 Total |





Western Carolina University Summary

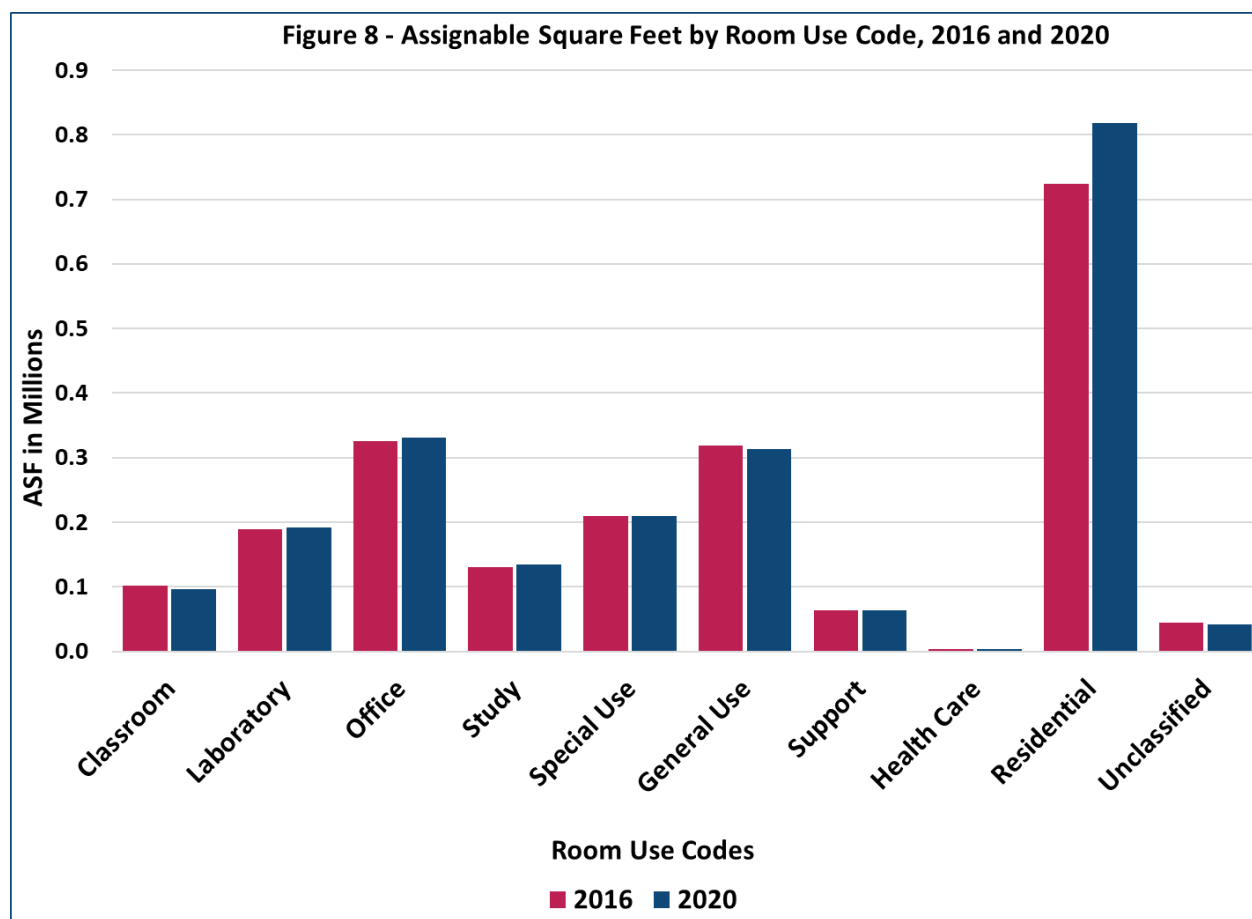


As the UNC System's westernmost campus, WCU is located just 50 miles west of Asheville in Cullowhee, North Carolina. Originally established as "Cullowhee Academy" in 1889, the university moved to a four-year degree curriculum in 1929 and today is consistently ranked as one of the Top 10 public regional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

Room Space Characteristics

In 2020, the assignable square feet at WCU increased from 2,204,250 to 2,205,786, or 0.1% from the previous year.

| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 476,605 | 21.6% | 23.0% | -1.4% |
| Research | 31,176 | 1.4% | 1.4% | 0.0% |
| Public Service | 4,948 | 0.2% | 0.2% | 0.0% |
| Student Service | 1,213,713 | 55.0% | 52.3% | 2.7% |
| Other | 479,344 | 21.7% | 23.0% | -1.3% |



Building Characteristics

Western Carolina University has 3,480,410 gross square feet of space comprised of 108 buildings (39 residential, 69 non-residential; 55 appropriated, 54 non-appropriated; 84 owned, 2 leased, 22 under other agreement terms) with 2,205,786 square feet of assignable space, having increased by 4.5% within the last five years. Since 2019, gross square footage has decreased - 9,378 SF, or -0.3%.

| Western Carolina University Building Characteristics | |
|--|---------------------------|
| 108 Total Buildings | |
| 55 Appropriated | 84 Owned |
| | 2 Leased |
| <u>53 Non-appropriated</u> | <u>22 Other Agreement</u> |
| 108 Total | 108 Total |

Figure 9 - Total Gross Square Feet by Condition Type (in Millions), 2015-2020

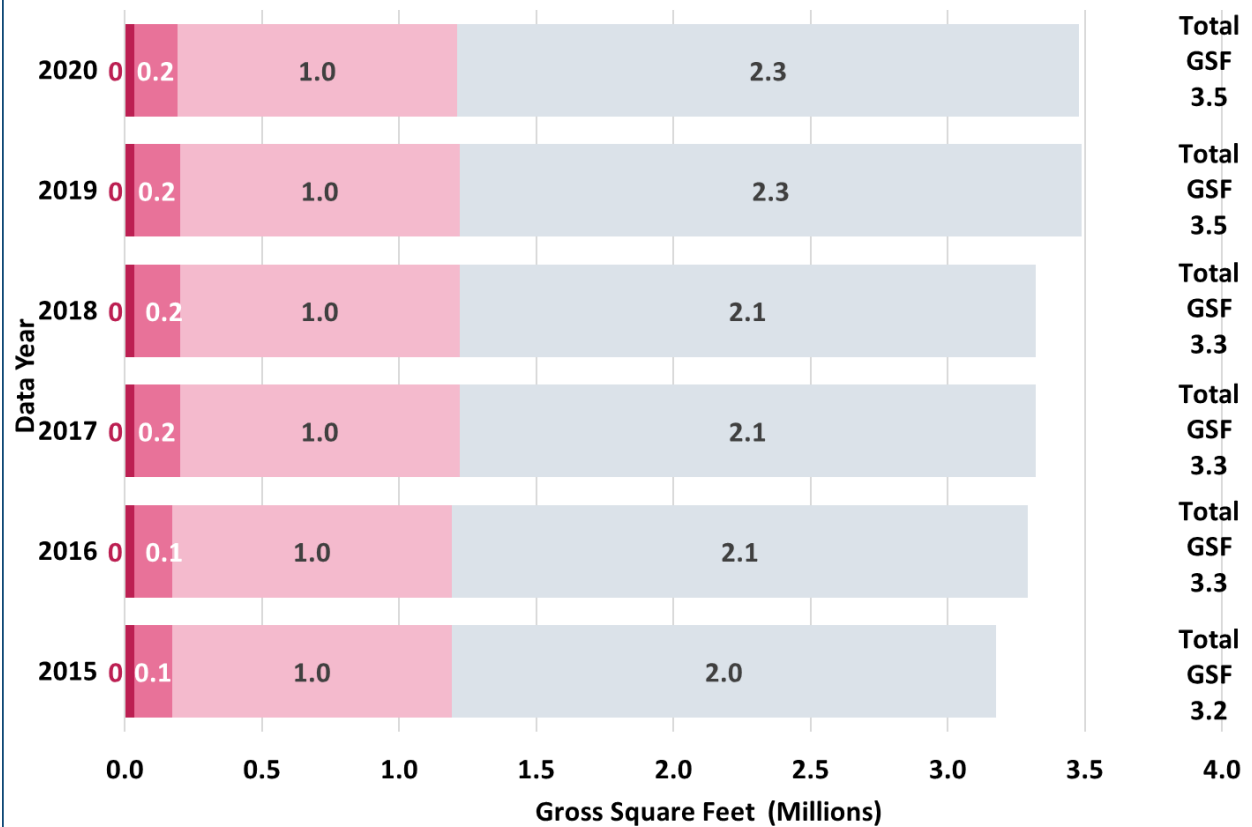
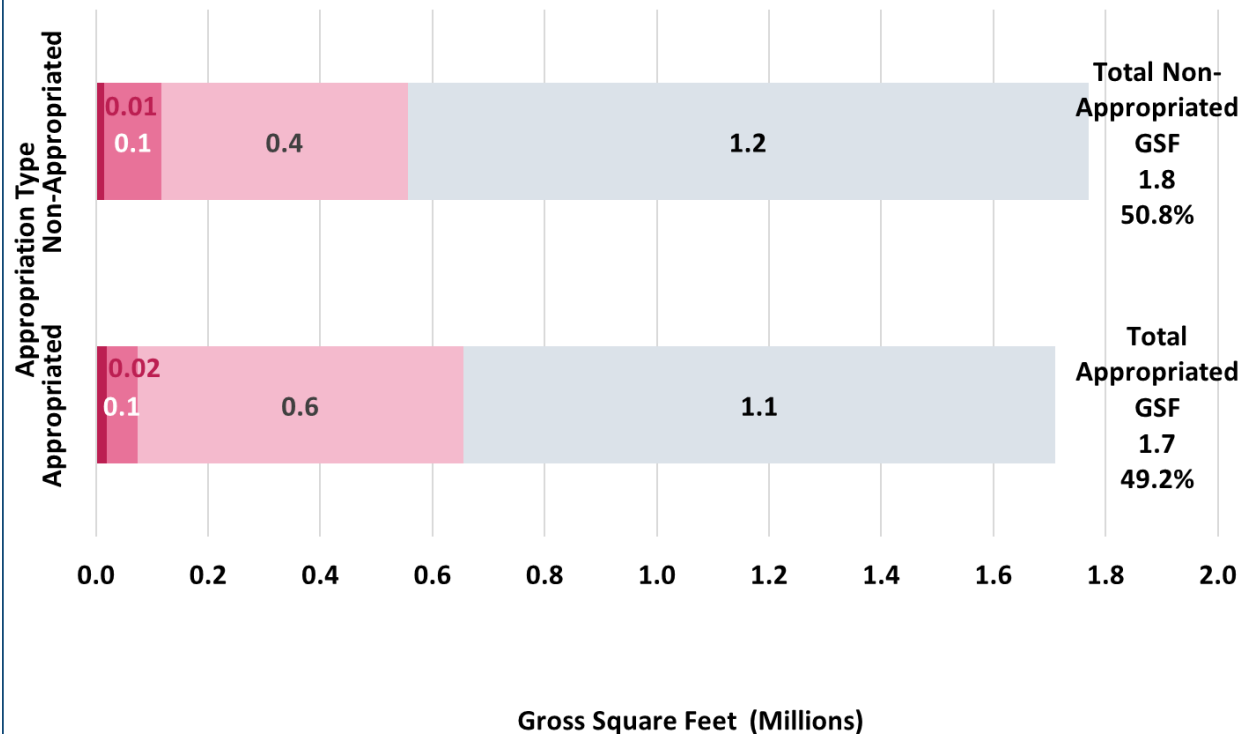
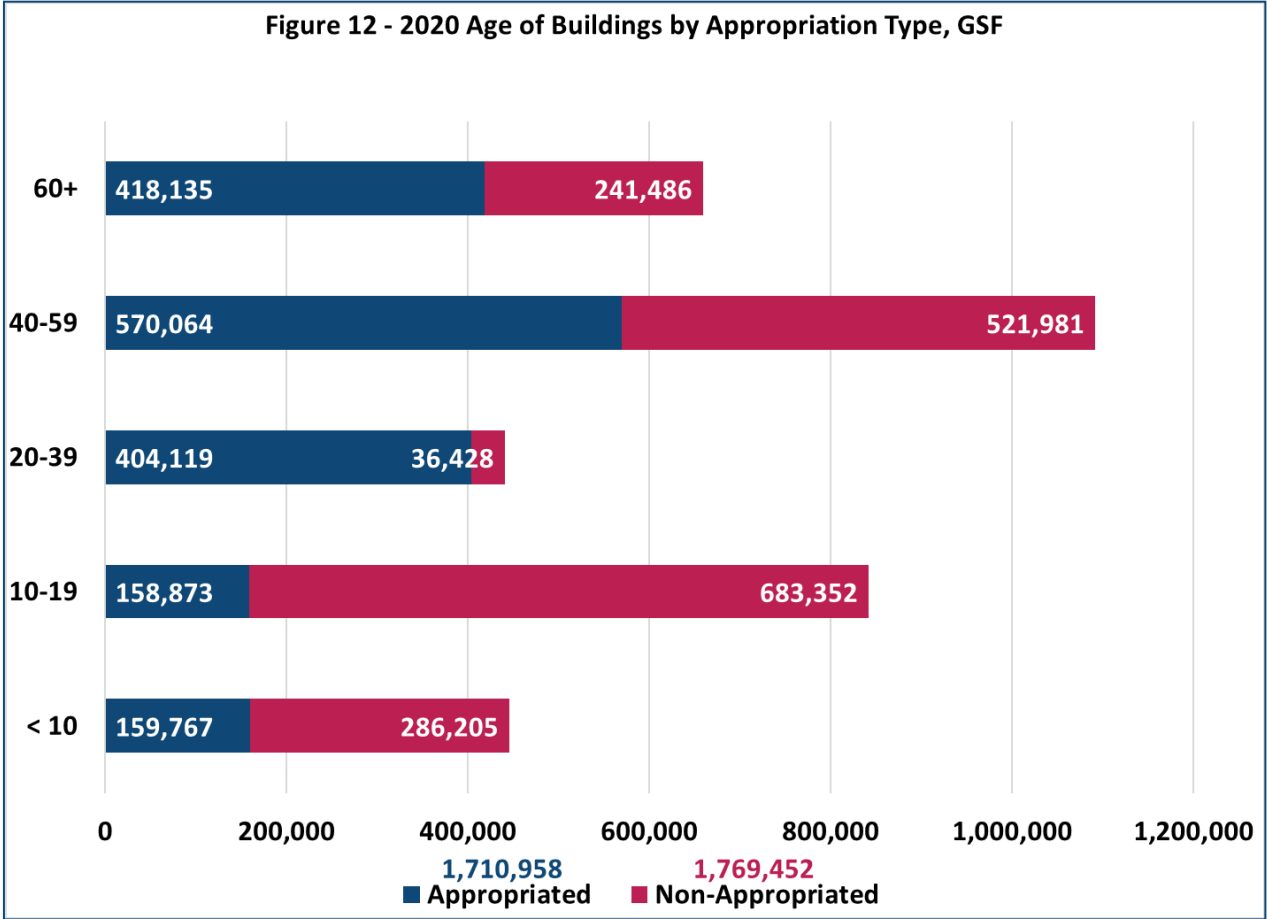
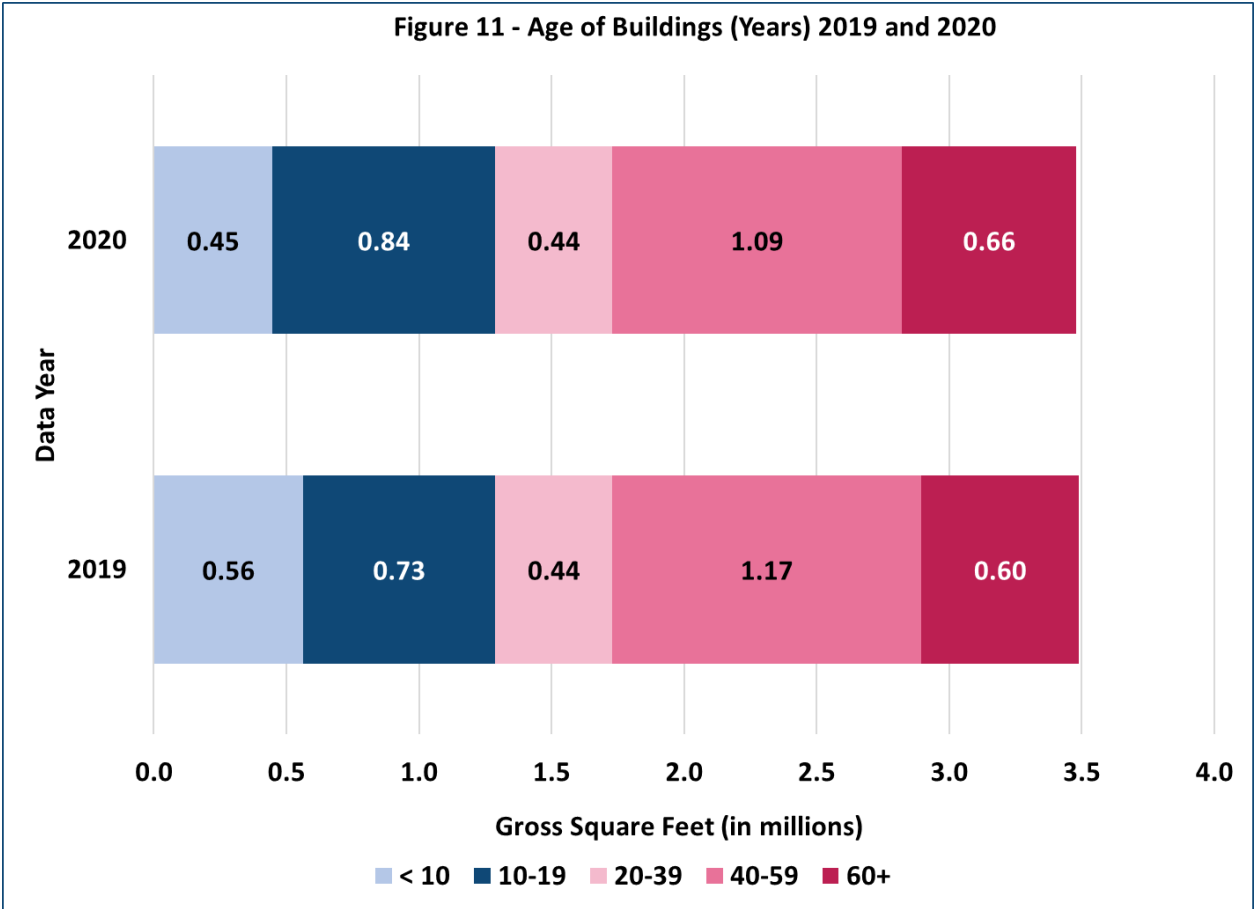


Figure 10 - Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020



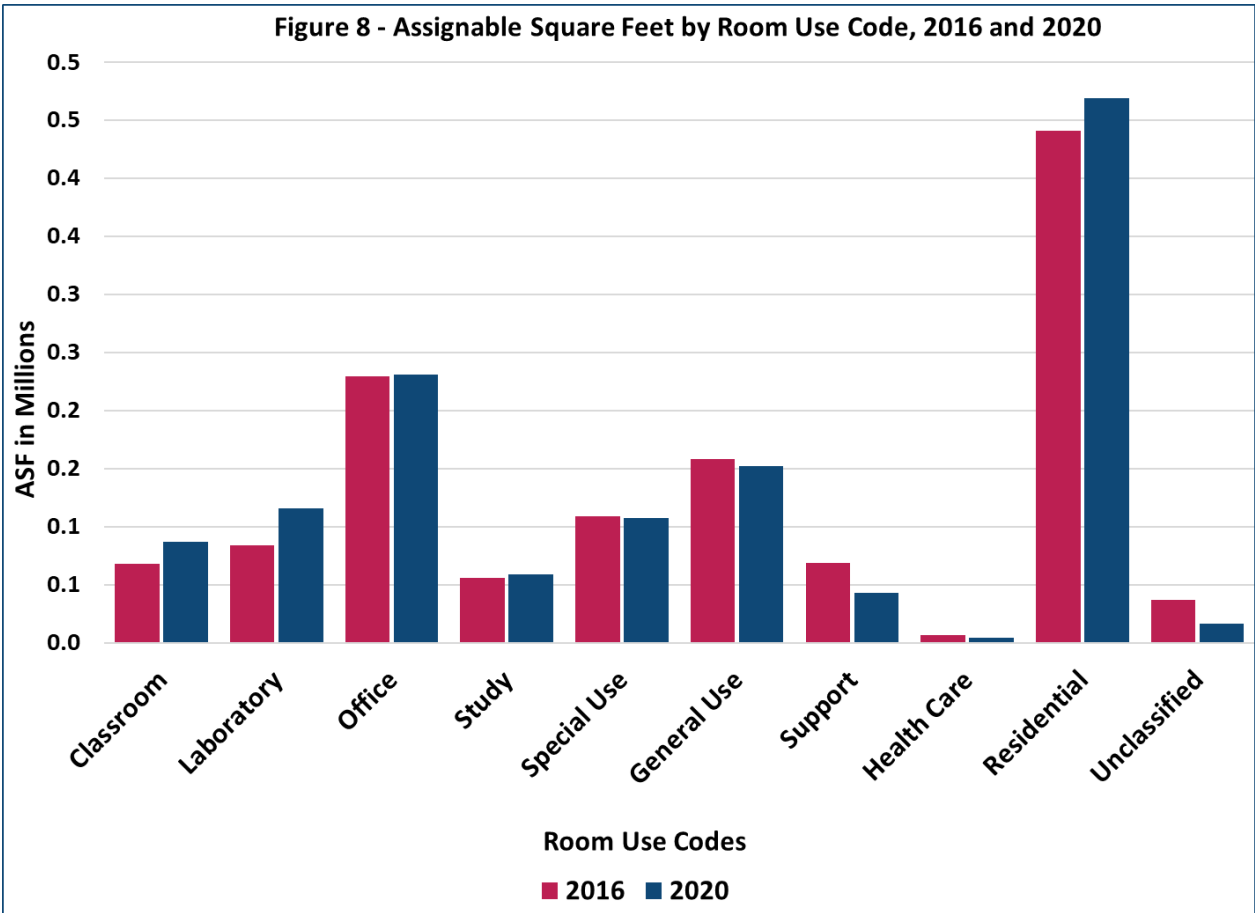


Founded in 1892, WSSU enjoys a distinguished reputation as a historically black constituent institution of the UNC System that offers a rich curriculum rooted in a high-quality, liberal education. The university fosters the creative thinking, analytical problem-solving, and depth of character that graduates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

Room Space Characteristics

In 2020, the assignable square feet at WSSU increased from 1,273,375 to 1,273,375, or 0.9% from the previous year.

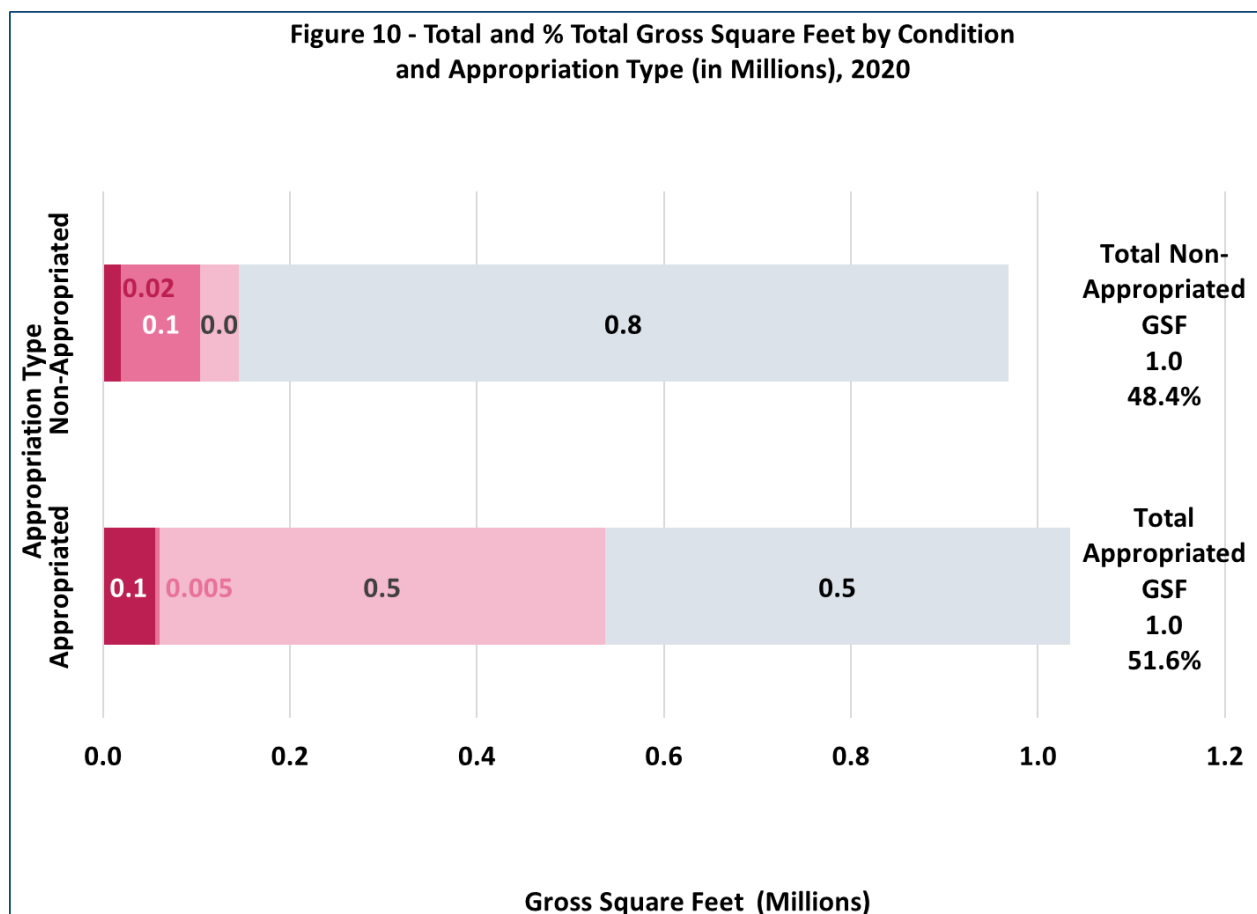
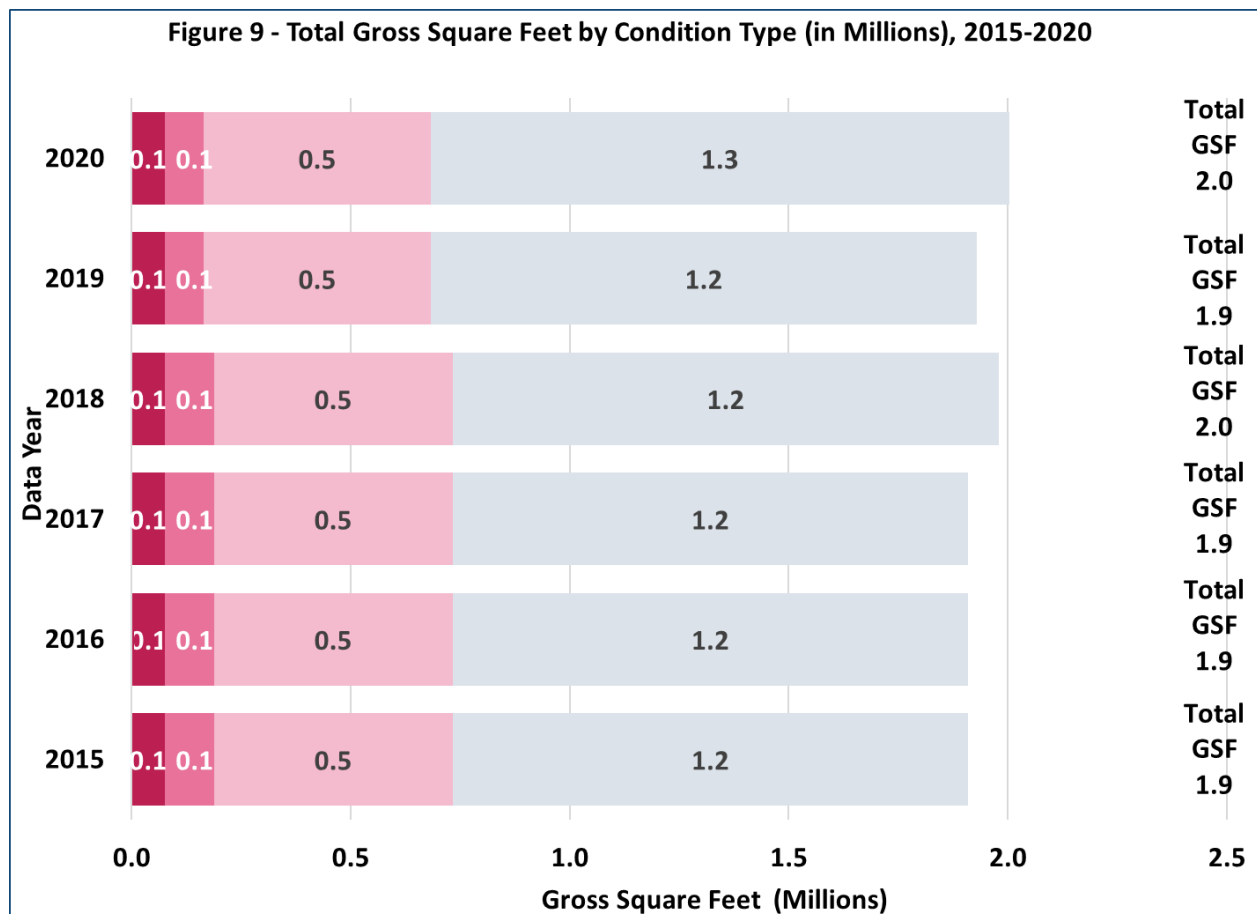
| Assignable Space by Program | | | | |
|-----------------------------|-----------|-----------------------|-----------------------|----------|
| Program | Total ASF | % of Total in 2020 | % of Total in 2016 | % Change |
| Instruction | 309,040 | 24.1% | 20.8% | 3.2% |
| Research | 33,825 | 2.6% | 2.8% | -0.1% |
| Public Service | 4,205 | 0.3% | 0.3% | 0.0% |
| Student Service | 694,035 | 54.0% | 53.6% | 0.5% |
| Other | 243,204 | 18.9% | 22.5% | -3.6% |

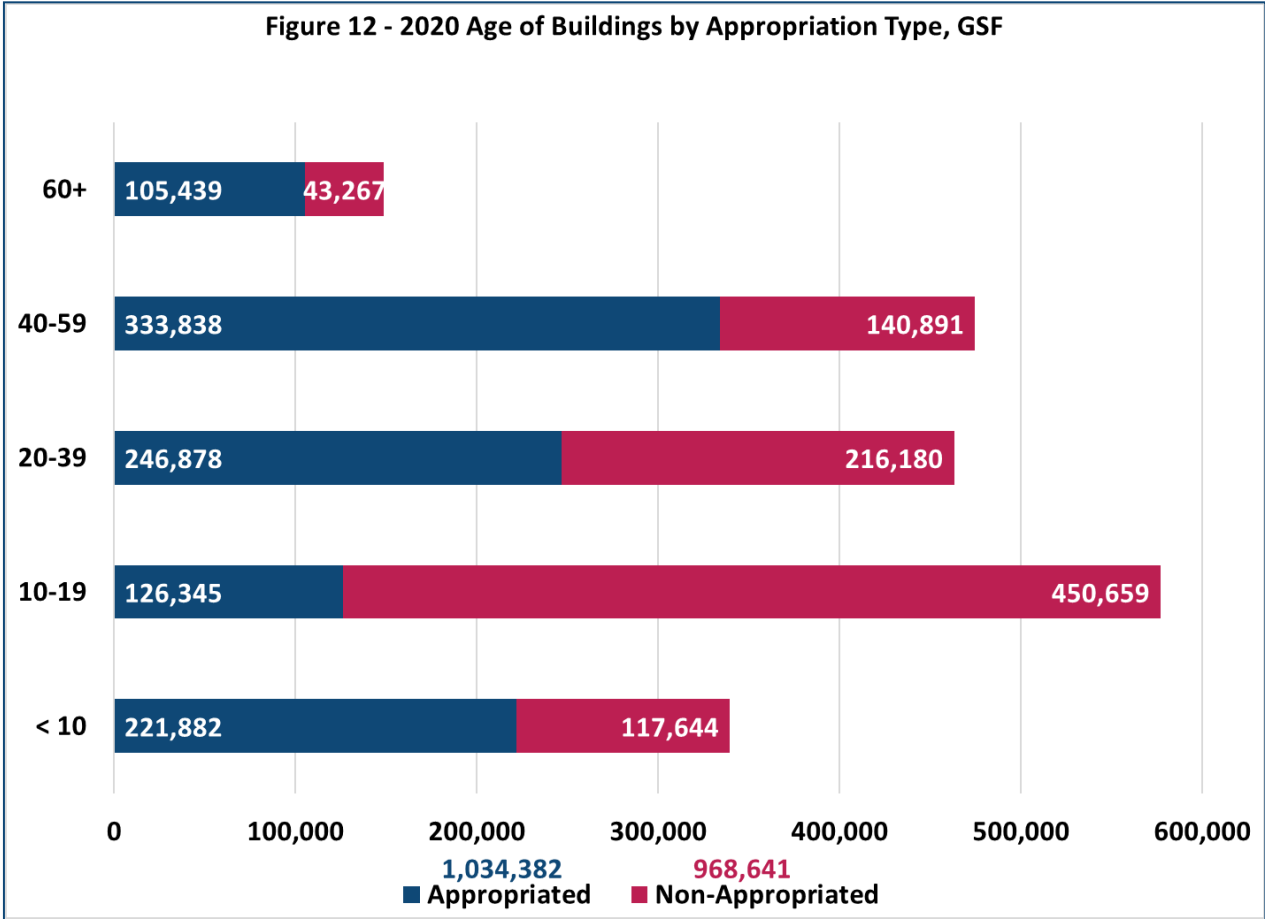
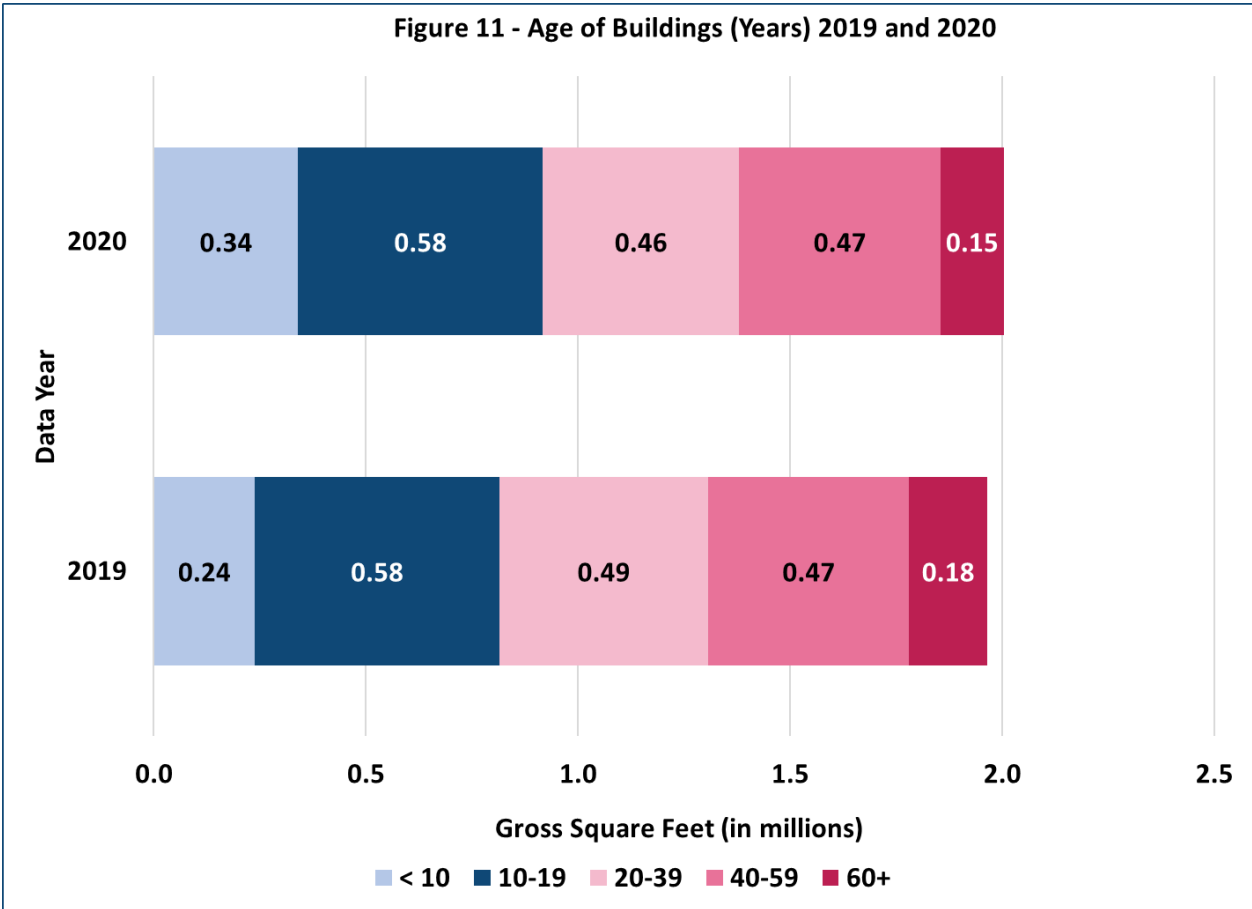


Building Characteristics

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 1,284,309 square feet of assignable space, having increased by 2.1% within the last five years. Since 2019, gross square footage has increased by 39,358 SF, or 2.0%.

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











Legend

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

| Figure # | Figure Title | Study Source |
|-----------|---|---------------------|
| Figure 8 | Assignable Square Feet by Room Use Code, 2020 | Table 15 |
| Figure 9 | Total Gross Square Feet by Condition Type (in Millions) 2016-2020) | Table 22 |
| Figure 10 | Total and % Total Gross Square Feet by Condition and Appropriation Type (in Millions), 2020 | Table 22 (GSF Only) |
| Figure 11 | Age of Buildings (Years), GSF | Table 21 |
| Figure 12 | 2020 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 |

AGENDA ITEM

- A-6. Proposed Amendments to the UNC Policy Manual Ms. Haygood
- a. Section 200.6, *Policy on Delegation of Authority to the President*
 - b. Section 600.1.1, *Policy on Design, Construction, and Financing of Capital Improvement Projects*
 - c. Chapter 100.1 – *The Code, Appendix 1, Delegations of Duty and Authority to Boards of Trustees*

Situation: Revisions to the Section 600.1.1 of the UNC Policy Manual, *Policy on Design, Construction, and Financing of Capital Improvement Projects*, are required to increase the Board of Governors of the University of North Carolina System's authority from \$2 million to \$4 million for the administration of design and construction contracts funded with public money. Additional revisions are recommended to clarify the authority to establish and administer capital projects, to increase the additional delegated capital authority, and further define the requirements for receiving additional delegated capital authority.

Background: S.L. 2022-74 modified G.S. 116-31.11. and increased the Board's delegated authority for the administration of design and construction contracts for the design, construction or renovation of buildings, utilities, and other property developments funded with public money from \$2 million to \$4 million. Revisions to Section 600.1.1 of the UNC Policy Manual are required to address the increase in the delegated authority and to clarify the delegated authority for the establishment and administration of capital projects.

Revisions are also recommended to increase the additional delegated capital authority for the administration of design and construction projects from \$1 million to \$2 million and to provide clarification on the procedures and requirements for receiving additional delegated capital authority. Further details on the administrative responsibilities for delegated and additional delegated capital authority will be incorporated into a new regulation.

Assessment: It is recommended that the Board of Governors amend Section 600.1.1 of the UNC Policy Manual to incorporate the increase to the Board's authority for the administration of design and construction contracts from \$2 million to \$4 million and to incorporate revisions to the additional delegated capital authority. It is further recommended that revisions to Section 200.6, Section 600.1.1, and Chapter 100.1 – *The Code, Appendix 1* be adopted to clarify the delegated authorities for the authorization and administration of capital projects.

Action: This item requires a vote by the committee, with a vote by the full Board of Governors through the consent agenda at the next meeting.

Proposed Amendments to the UNC Policy Manual

- a. Section 200.6, *Policy on Delegation of Authority to the President***
- b. Section 600.1.1, *Policy on Design, Construction, and Financing of Capital Improvement Projects***
- c. Chapter 100.1 – *The Code, Appendix 1, Delegations of Duty and Authority to Boards of Trustees***

ISSUE OVERVIEW

G.S. 143-341(3) grants the North Carolina Department of Administration certain powers and duties regarding the construction or renovation of all state buildings and buildings located on state lands, including the authority to supervise the letting of all contracts for the design, construction, and renovation of such buildings. G.S. 116-31.11 delegates to the Board of Governors of the University of North Carolina System the authority for the administration of design and construction contracts regarding the design, construction, or renovation of buildings, utilities, and other property developments requiring the expenditure of public money of \$2 million or less. The Board of Governors sought an increase in the delegated authority from \$2 million to \$4 million and S.L. 2022-74 granted the additional delegated authority. Revisions to the Section 600.1.1 of the UNC Policy Manual are required to address the increase in the delegated authority. In addition, clarifications to the delegated authority for the approval and administration of capital projects are necessary. Further revisions to the additional delegated capital authority requirements are also proposed.

Proposed revisions include the following:

- Raise the authorized delegated authority from \$2 million to \$4 million per S.L. 2022-74.
- Clarify the authority to establish capital projects funded entirely with non-appropriated funds as authorized by G.S. 143-C-812.
- Clarify the authority for the administration of the design and construction contracts for capital improvement projects requiring the expenditure of public money of \$4 million or less.
- Increase the additional delegated capital authority from \$1 million to \$2 million.
- Clarify the process for granting additional delegated capital authority to constituent institutions to administer the design and construction of capital improvement projects.

Revisions to Section 200.6 and Chapter 100.1 – *The Code, Appendix 1*, are required to support revisions to Section 600.1.1. Additional changes will rescind 600.1.1.1 [G] and “The University of North Carolina Design and Construction Guidelines” by incorporating any relevant information into a new regulation.

RECOMMENDATION

It is recommended that the Board of Governors amend Section 600.1.1 of the UNC Policy Manual to incorporate the increase to the Boards’ authority for the administration of design and construction contracts from \$2 million to \$4 million and to incorporate revisions to the additional delegated capital authority. It is further recommended that revisions to Section 200.6, Section 600.1.1 and Chapter 100.1 – *The Code, Appendix 1* be adopted to clarify the delegated authorities for the establishment and administration of capital projects.

Policy on Delegation of Authority to the President

I. Pursuant to N.C.G.S. § 116-11(13) (G.S.), and other North Carolina law as referenced herein, and notwithstanding *The Code* or any other Board of Governors policy,ⁱ the Board of Governors delegates the following authorities to the president of the University of North Carolina (UNC) System:

A. Human Resources

1. Authority to establish and administer a human resources program for employees exempt from the North Carolina Human Resources Act.ⁱⁱ

a. “Human resources program” shall include such personnel actions related to the establishment of positions and the administration of salary ranges; recruitment, appointments, salaries, base-salary adjustments, and temporary salary adjustments; promotion and tenure; leave programs; performance management; non-faculty discontinuation, discipline, and discharge; and non-faculty grievance and appeals processes.ⁱⁱⁱ

b. The president may approve management flexibility plans for special responsibility constituent institutions and may delegate limited authority for human resources actions to constituent institutions that are not authorized as special responsibility constituent institutions.^{iv}

c. Notwithstanding the above provisions, unless otherwise delegated:

(1) The Board of Governors shall retain authority over the appointments, compensation, and salary adjustments for: the president; the chancellors of the constituent institutions, except as provided in paragraph F. of this policy; the chief executive officer of the UNC Health Care System; and the chief executive officer of the UNC Center for Public Media.^v

(2) The Board of Governors shall retain authority over certain contract terms for athletic directors and head coaches of the constituent institutions.^{vi}

(3) The Board of Governors shall retain authority over non-promotional^{vii} salary increases for Tier I Senior Academic and Administrative Officers of the constituent institutions that both exceed 10 percent of the June 30 base salary as of the most recent fiscal year and exceed the 75th percentile of the applicable salary range.

(4) The president shall consult with the Board's Committee on University Personnel on appointments, compensation, and salary adjustments for the senior officers of the UNC System Office who report directly to the president.

(5) The president shall consult with the chair of the Committee on University Personnel and may then approve an emergency retention salary increase for a Tier I Senior Academic and Administrative Officer of the constituent institutions in lieu of any required pre-approval by the Committee as set forth in section I.A.1.C. of this policy when necessary to avoid loss of any key senior officer to an external offer of employment. The details of such an action shall be reported to the committee at its next regularly scheduled meeting.

d. Based on demonstrated institutional need and research activity, the president may authorize constituent institutions with special authority to directly create and/or modify EHRA non-faculty instructional, research, and information technology (IRIT) positions in accordance with UNC System Office classification procedures and guidelines. All such positions must fall within salary ranges established by the UNC System Office.

e. All other approvals for human resources actions are delegated to the President, who may further delegate actions to the boards of trustees for the constituent institutions or the boards of trustees may further delegate such actions to the chancellors as provided in Section 600.3.4 of the UNC Policy Manual.

2. Authority to approve all actions relating to the administration of the Optional Retirement Program^{viii} and the Phased Retirement Program.^{ix}

3. The president shall report in writing on actions taken under the authority of these delegations to the appropriate committee of the Board of Governors no less than annually, or as otherwise requested by the chair of the Board of Governors or the chair of the Committee on University Personnel.

B. Governance

1. The authority to approve the initiation of a lawsuit in the name of the University if the action is for monetary relief and the amount in controversy is less than \$250,000.^x

2. The authority to settle potential or pending litigation by or against a constituent institution or the University of North Carolina System, if the settlement is solely for monetary relief and the amount the University is to pay pursuant to the settlement is less than \$250,000 or, if the University is to receive a payment, the amount the University claimed is less than \$250,000.^{xi}

3. Authority to approve the political activities of employees of the UNC System who are candidates for or serving in public office.^{xii}

C. Reports. The authority to approve and submit any report the UNC System or the Board of Governors is required to submit to the General Assembly, the State Board of Education, or any other state or federal agency or officer.

D. Real Property and Capital Improvement Projects

1. The power to authorize acquisition or disposition of the following interests in real property without obtaining approval of the Board of Governors, subject to any necessary approvals from state officials and agencies:

a. Any interest in real property, other than a leasehold, with a value less than \$750,000; and

b. A leasehold interest in real property with annual value less than \$750,000 and a term of not more than 10 years.

The president's authority may be exercised on behalf of the UNC System Office, affiliated entities, or the constituent institutions in the president's discretion.^{xiii}

2. Authority to approve capital improvement projects funded entirely with non-General Fund or non-State Capital and Infrastructure Fund money^{xiv} that are projected to cost less than \$750,000.^{xv}

3. Authority to approve advance planning of capital improvement projects, where the advance planning effort is to be funded entirely with non-General Fund or non-State Capital and Infrastructure Fund money.

4. Authority to administer and execute design and construction contracts for capital improvement projects, requiring the estimated expenditure of public money of \$4,000,000 or less. This authority may be exercised on behalf of the UNC System Office, affiliates, or the constituent institutions at the president's discretion.^{xvi}

5. Authority to approve an increase of up to 10 percent of the cumulative value of an originally-awarded construction contract for a System Office, affiliate, or constituent institution capital improvement project previously authorized by the Board of Governors.^{xvii}

6. After the long-term financing of a capital improvement project has been approved in accordance with statutory requirements, the president may approve interim financing or bank loans as a means of short-term financing. The president shall report any such actions to the Committee on Budget and Finance at its next meeting.^{xviii}

E. Institutional Trust Funds. Authority to delegate to the chancellors management of institutional trust funds.^{xix}

F. Chancellors' Incentive Compensation Program

1. Authority to establish and implement an incentive compensation program to provide the president an opportunity to award performance-based compensation to the chancellors.

2. Authority to grant performance-based compensation awards to the chancellors as provided under the incentive compensation program. Awards granted under this authority shall be one-time payments per year, cannot exceed 20 percent of the chancellor's base salary, and are the responsibility of the constituent institution to fund.

3. Authority to modify the incentive compensation program as necessary to maintain alignment between performance goals established by the Board of Governors for the president and those established by the president for the chancellors.

II. The president will report all actions taken under the authority of the delegations in sections I.B., through I.F., above, to the appropriate committee of the Board of Governors either in writing before the next regular meeting of the Board of Governors or at the next regular meeting of the Board of Governors.

III. These delegations will remain in effect unless and until the Board of Governors rescinds them in whole or in part.

IV. Other Matters

A. Effective Date. The requirements of this policy shall be effective on the date of adoption of this policy by the Board of Governors.

B. Relation to State Laws. The foregoing policy as adopted by the Board of Governors is meant to supplement, and does not purport to supplant or modify, those statutory enactments which may govern or relate to the subject matter of this policy.

C. Regulations and Guidelines. This policy shall be implemented and applied in accordance with such regulations and guidelines as may be adopted from time to time by the president.

ⁱThe secretary of the University is authorized to annotate the referenced policies and regulations to cross-reference these delegations.

ⁱⁱG.S., Chapter 126.

ⁱⁱⁱSections 300.1.1, 300.1.2, and 300.2 of the UNC Policy Manual.

^{iv}Section 600.3.4 of the UNC Policy Manual.

^vSection 500 of *The Code*; Sections 300.1.1 and 1200.1 of the UNC Policy Manual; and G.S. 116-37(c) and 37.1(c). The use of "UNC Center for Public Media" in the statute refers to PBS North Carolina.

^{vi}Section 1100.3 of the UNC Policy Manual.

^{vii}For the purposes of this policy, the term “non-promotional” means salary actions that do not relate to assuming an entirely new position but rather adjusting the salary of the existing position for reasons such as labor market, equity, retention, additional duties, reclassification, and other permitted miscellaneous reasons.

^{viii}G.S.135-5.1

^{ix}Section 300.7.2 of the UNC Policy Manual.

^xSection 200.5 of the UNC Policy Manual.

^{xi}Section 200.5 of the UNC Policy Manual.

^{xii} Sections 300.5.1 and 300.5.2 of the UNC Policy Manual.

^{xiii}The Board of Governors may delegate additional authority to the president or boards of trustees for real property transactions consistent with Sections 600.1.3 and 600.1.3[R] of the UNC Policy Manual.

^{xiv}This delegation shall be interpreted consistent with G.S. 143C-8-12.

^{xv}The Board of Governors may delegate additional authority to the president or boards of trustees for approval of capital improvement projects consistent with Section 600.1.1 of the UNC Policy Manual.

^{xvi} Section 600.1.1 of the UNC Policy Manual. This delegation shall be interpreted consistent with G.S. 116-31.11. This delegation may be further delegated.

^{xvii} Section 600.1.1 of the UNC Policy Manual

^{xviii} Section 600.1.1 of the UNC Policy Manual

^{xix}Sections 600.2.4 and 600.2.4.1 of the UNC Policy Manual.

Policy on Design, Construction, and Financing of Capital Improvement Projects

I. Authority. G.S. 143C-8-12 provides the Board of Governors with authority to approve certain expenditures for capital improvement projects that will be funded and operated entirely from ~~non-General Fund~~non-General Fund or non-State Capital and Infrastructure Fund money, including expenditures to plan, construct, and change the scope of such projects.

Additionally, G.S. 116-31.11 delegates to the Board of Governors the authority for the administration of design and construction contracts with regard to the, the construction, or renovation of buildings, utilities, and other property developments requiring the estimated expenditure of public money of \$42,000,000 or less. This authority includes the negotiation of fees for all design contracts and the supervision and letting of construction and design contracts, the establishment of procedures in performance of those responsibilities, and specific reporting requirements to the State Building Commission. The Board is also authorized to delegate ~~that its~~ authority to constituent institutions and affiliates~~ed entities~~ of the University of North Carolina if an constituent institution or affiliated entity is qualified under guidelines developed in consultation with the director of the budget and the State Building Commission. ~~Pursuant to this authority, guidelines entitled "The University of North Carolina Design and Construction Guidelines" were implemented to provide assistance to the constituent institutions in the administration of the design and construction of capital improvement projects. Copies of the guidelines may be obtained at the UNC System Office.~~

Pursuant to and consistent with its authority under the North Carolina General Statutes, including G.S. 116-11(13), the Board of Governors adopts the following policy regarding authority of the president and boards of trustees of the constituent institution to approve and administer certain capital improvement projects.

II. Approval and Administration of Certain Capital Improvement Projects

A. General Delegations of Authority to the President and Boards of Trustees for Approval of Certain Capital Improvement Projects Pursuant to G.S. 143C-8-12.

1. The Board of Governors delegates to the president and the boards of trustees the power to approve capital improvement projects that are funded entirely with ~~non-General Fund~~non-General Fund or non-State Capital and Infrastructure Fund money with a total project budget of that are projected to cost less than \$750,000.¹ The president's authority may be exercised on behalf of the UNC System Office, affiliates~~ed entities~~, or the constituent institutions in the president's discretion. Capital improvement projects that are funded entirely with non-general fundnon-General Fund or non-State Capital and Infrastructure Fund money with a total project budget of \$750,000 or more must be approved by the Board of Governors.

2. The Board of Governors delegates to the president and the boards of trustees authority to approve advance planning of capital improvement projects, where the advance planning effort is to be funded entirely with ~~non-General Fund~~ non-General Fund or non-State Capital and Infrastructure Fund -money.²

3. The Board of Governors delegates to the president the authority to approve an increase of up to 10 percent of the cumulative value of an originally-awarded construction contract for a System Office, affiliated ~~entity~~, or constituent institution capital improvement project previously authorized by the Board of Governors.

4. After the long-term financing of a capital improvement project has been approved in accordance with statutory requirements, the president may approve interim financing or bank loans as a means of short-term financing. The president shall report any such actions to the Committee on Budget and Finance at its next meeting.

B. General Delegation of Authority to the President and Boards of Trustees for the Administration of Design and Construction of Certain Capital Improvement Projects Using Public Money.

1. In accordance with The UNC Policy Manual, Appendix 1, Para. VI, the Board of Governors delegates to the boards of trustees, subject to policies of the Board of Governors and all legal requirements relative to the construction of state -owned buildings, the responsibility for the following matters concerning campus capital construction projects which have been approved by the Board of Governors and authorized by the State of North Carolina: (1) the selection of architects or engineers for buildings and improvements requiring such professional services; (2) the approval of building sites; (3) the approval of plans and specifications; and (4) the final acceptance of completed buildings and projects. Consistent with UNC Policy 200.1, the president has authority to execute design and construction contracts ~~ø~~for capital improvement projects; this authority may be delegated.

2. The Board of Governors delegates to the president the authority for the administration of design and construction contracts ~~ø~~for capital improvement projects, which have been approved by the Board of Governors and authorized by the State of North Carolina, requiring the estimated expenditure of public money of \$4,000,000 or less. The president's authority may be exercised on behalf of the UNC System Office, affiliates, or the constituent institutions in the president's discretion, subject to G.S. § 116-31.11.

3. The Board of Governors delegates to the board of trustees the authority for the administration of constituent institution design and construction contracts of capital improvement projects, which have been approved by the Board of Governors and authorized by the State of North Carolina, requiring the estimated expenditure of public money less than \$750,000.

C. Additional Delegations of Authority to the ~~President and~~ Boards of Trustees for ~~Approval Administration~~ of Capital Improvement Projects.

~~1. The Board of Governors may delegate to the president additional authority to approve capital improvement projects funded entirely with non-General Fundnon-General Fund money that are projected to cost less than \$1,000,000.³~~

~~1.2.~~ Upon request by the board of trustees of a constituent institution ~~or affiliated entity~~ and with the recommendation of the president, the Board of Governors may delegate to the board of trustees of a constituent institution ~~or affiliated entity~~ additional authority to approve administer capital improvement projects funded ~~entirely with non-General Fundnon-General Fund~~public money that are projected to cost less than ~~\$21,000,000.~~⁴

~~3. Should the Board of Governors delegate additional authority to one or more boards of trustees or affiliated entities consistent with paragraph 2., above, the president shall automatically receive authority to approve capital improvement projects at a level equal to the highest level of authority delegated to a board of trustees or affiliated entity. The president's authority may be exercised on behalf of the UNC System Office, affiliated entities, or the constituent institutions in the president's discretion.~~

~~2.4.~~ The senior vice president for finance and administration, in consultation with the senior vice president and general counsel, shall establish the process by which a constituent institution may request and maintain delegated authority consistent with G.S. 143C-8-12116.31.11 and other relevant state law. The minimum criteria a constituent institution must meet to receive and maintain authorization from the Board of Governors shall include, but not be limited to, ~~performance of a written, comprehensive self-assessment that demonstrates the following::~~

a. The constituent institution ~~has performed a written, comprehensive self-assessment that~~ demonstrates it has the administrative, technical, and support resources necessary to properly administer capital projects in compliance with the General Statutes of North Carolina, State Construction Office requirements, and UNC System Office standards~~carry out the delegated authority.~~

b. The chancellor has certified in writing that the constituent institution ~~has~~ will maintain the administrative, technical, and support resources necessary to properly administer capital projects in compliance with the General Statutes of North Carolina, State Construction Office requirements, and UNC System Office standards~~carry out the delegated authority.~~

~~c. The constituent institution has a properly constituted and active campus capital project review committee comprised of individuals with sufficient technical expertise, strategic perspective and executive authority to perform the duties required herein.~~

~~c.d.~~ The constituent institution has an architect or engineer licensed in the State of North Carolina in a minimum of two key management positions. At a minimum, the associate vice chancellor over design and construction of capital projects or equivalent shall be a registered architect or licensed engineer in the State of North Carolina an individual on staff with substantial experience in managing capital improvement projects ~~and the chancellor has designated that individual as the campus capital project coordinator. The requirements for~~

professional licensure or registration may be waived if the key personnel have comparable certifications, education, training, and work experience.

de. The constituent institution has appropriate and sufficient technical and professional staff with demonstrated capability in the planning, financing, and oversight of capital improvement projects.

ef. An assessment team, assembled and led by the senior vice president for finance, has reviewed the constituent institution's self-assessment, has performed an on-site capabilities appraisal that confirms the institution's self-assessment, and has recommended delegation to the president.

Constituent institutions will be reviewed for re-authorization under this section on a periodic basis, to be established by the senior vice president for finance and administration, but not less than every three years.

~~35. Upon review in response to a request for re-authorization or in response to a report of noncompliance with this policy or its associated regulations, for good cause, and consistent with G.S. 143C-8-12 and other relevant state law, the president or the Board of Governors may revoke or suspend the additional delegated authority of a constituent institution for any reason in its sole discretion. or take other remedial action as the president deems necessary and appropriate.~~ Once authority has been revoked or suspended ~~pursuant to this policy,~~ all future capital improvement projects for the institution involved shall be completed in accordance with the General Statutes of North Carolina and the general delegations of authority provided for in section II.B of this policy. In addition to the foregoing, the additional delegated authority for the administration of capital improvement projects shall be immediately suspended if the position for the associate vice chancellor over design and construction (or equivalent position) becomes vacant. Newly established capital projects shall be administered under the general delegated authority while the position is vacant. The additional delegated authority will be reinstated when the position is filled consistent with II.C.2.c of this Policy.

~~III. Administration of Design and Construction of Certain Capital Improvement Projects. Delegations of the Board of Governors authority for the administration of design and construction of capital improvement projects requiring the estimated expenditure of public money of \$2,000,000 or less shall be in accordance with G.S. 116-31.11 and "The University of North Carolina Design and Construction Guidelines."~~

III.V. Construction Delivery Method Reporting Requirement. In accordance with G.S. 143-133.1, constituent institutions that contract with a construction manager at risk, designer-builder, or private developer under a public-private partnership shall report to the System Office (in a manner prescribed by the president or the president's designee) the following information within 60 days of award for contracts utilizing such alternative delivery methods:

- A. A detailed explanation of the reason why the particular construction manager at risk, design-builder, or private developer was selected;
- B. The terms of the contract with the construction manager at risk, design-builder, or private developer;

- C. A list of all other firms considered but not selected as the construction manager at risk, design-builder, or private developer;
- D. A report on the form of bidding utilized by the construction manager at risk, design-builder, or private developer on the project; and
- E. A detailed explanation of why the particular delivery method was used in lieu of the delivery methods identified in G.S. 143-128(a1) subdivisions (1) through (3) and the anticipated benefits to the public entity from using the particular delivery method.

_____The information shall be collectively reported annually to the Board for all projects awarded during the fiscal year and submitted with the annual report of the Committee on Budget and Finance.

IV. Procedures and Reporting Requirements. The senior vice president for finance and administration shall have general authority to establish such procedures and reporting requirements for constituent institutions and affiliated entities as may be prudent to enable implementation of this policy and associated regulations.

VI. Other Matters

- A. Effective Date. The requirements of this policy shall be effective on the date of adoption by the Board of Governors.
- B. Relation to Other Laws. This policy is designed to supplement, and does not purport in any way to supplant or modify, those statutory enactments and rights which may govern capital improvement projects in the State of North Carolina.
- C. Regulations and Guidelines. This policy shall be implemented and applied in accordance with such regulations and guidelines as may be adopted by the president.

¹This delegation of authority shall be interpreted consistent with G.S. 143C-8-12. See also Appendix 1 to *The Code* and Section 200.6 of the UNC Policy Manual.

²Unless otherwise indicated by the Board of Governors, this delegation of authority to boards of trustees to approve advance planning efforts shall not be further delegated.

³~~See endnote 1, above.~~

⁴See endnote 1, above.

THE CODE

Appendix 1 -

DELEGATIONS OF DUTY AND AUTHORITY TO BOARDS OF TRUSTEES

Pursuant to authority vested in it by the General Statutes (G.S.), and consistent with the provisions of *The Code of the University of North Carolina (The Code)*, the Board of Governors hereby delegates to the boards of trustees of the constituent institutions of the University of North Carolina System the following duties and powers:

I. ACADEMIC AND ADMINISTRATIVE PERSONNEL

A. Appointment and Compensation

1. Upon recommendation of the chancellor, the board of trustees of a special responsibility constituent institution with management flexibility for personnel appointments shall, for all positions exempt from the North Carolina Human Resources Act except the position of the chancellor, appoint, promote, and set the compensation for such employees consistent with the policies and salary ranges set by the Board of Governors and the regulations and guidelines established by the Office of the President.

2. Personnel actions at a constituent institution, other than a special responsibility constituent institution with management flexibility, shall be governed as follows:

a. With respect to all faculty positions with permanent tenure and all senior administrative positions, namely vice chancellors, provosts, deans and directors of major educational and public service activities, the chancellor, following consultation with the board of trustees, shall forward to the president recommendations with respect to such appointments, promotions, and compensation; if the president concurs in such recommendations, the president shall forward them to the Board of Governors for approval. Notwithstanding the requirements of this paragraph, a board of trustees may promote in rank a faculty member with permanent tenure, upon the recommendation of the chancellor, and without approval by the Board of Governors.

b. With respect to all faculty and administrative positions other than those identified in subparagraph 2.a., above, and other than those subject to the North Carolina Human Resources Act, the chancellor shall forward the chancellor's recommendations for appointment, promotion, and compensation to the board of trustees; subject to applicable provisions of *The Code* and to such policies as may be established by the Board of Governors, the action of the board of trustees with respect to such personnel actions shall be final.

B. Discharge or Suspension

Subject to regulations of the board of trustees and consistent with applicable policies of the Board of Governors, all discharges or suspensions of faculty members and administrative personnel, other than those subject to the North Carolina Human Resources Act, shall be effected by the chancellor. A

discharged or suspended employee shall have such rights of appeal from the action of the chancellor as may be prescribed by *The Code*, policies of the Board of Governors, or regulations of the board of trustees.

C. Personnel Policies

The board of trustees may adopt personnel policies not otherwise prescribed by state law, *The Code*, or policies of the Board of Governors, for personnel in all categories of university employment. Policies adopted by a board of trustees regarding academic tenure and promotion shall be effective upon review by the senior vice president for academic affairs and the vice president and general counsel, and approved by the president.

D. Chancellor Selection

In the event of a vacancy in the chancellorship, the board of trustees shall establish, in consultation with the president, a search committee composed of representatives of the board of trustees, the faculty, the student body, staff, the alumni, the local community, and other campus constituencies as may be appropriate. Upon the establishment of the search committee, the chair of the board of trustees, in consultation with the president shall establish a budget and identify staff for the committee.

The search committee, through the chair of the board of trustees, shall make a preliminary report to the president when the committee is preparing a schedule of initial interviews. At the completion of the campus interview process, the search committee shall recommend an unranked slate of no fewer than two candidates to the trustees for consideration.

The board of trustees, following receipt of the report of the search committee, shall, subject to the direction of the president, recommend an unranked slate of no fewer than two candidates for consideration by the president in designating a nominee for the chancellorship for approval by the Board of Governors.

II. ACADEMIC PROGRAM

The board of trustees shall be responsible for ensuring the institution's compliance with the educational, research, and public service roles assigned to it by the Board of Governors, either by express directive or by promulgated long-range plans of the Board of Governors.

III. ACADEMIC DEGREES AND GRADING

Subject to authorization by the Board of Governors of the nature and general content of specific degree programs which may be offered by an institution, each institution shall determine whether an individual student shall be entitled to receipt of a particular degree. Each institution also shall determine what grade a student will be assigned in a particular course. No appeal from any of these decisions or any other academic determination is allowable to the president or to the Board of Governors.

IV. HONORARY DEGREES, AWARDS AND DISTINCTIONS

The board of trustees shall be responsible for approving the names of all individuals on whom it is proposed that an honorary degree or other honorary or memorial distinction be conferred by the institution, subject to such policies as may be established by the Board of Governors.

V. BUDGET DEVELOPMENT AND ADMINISTRATION

On an annual basis, the board of trustees shall approve a comprehensive, "all-funds" budget of the constituent institution for the upcoming fiscal year. The budget shall reflect estimated General Fund, Institutional Trust Fund, and other revenues and expenditures as defined by and in a manner prescribed by the president or the president's designee. The board of trustees' approval of a constituent institution all-funds budget shall not be delegated and shall be made by the full board of trustees.

The board of trustees shall advise the chancellor with respect to the development, execution, and administration of the budget of the constituent institution, consistent with actions by the General Assembly and the Board of Governors.

VI. PROPERTY AND BUILDINGS

The board of trustees of a constituent institution shall be responsible, subject to policies of the Board of Governors and all legal requirements relative to the construction of state-owned buildings, for the following matters concerning campus capital construction projects which have been approved by the Board of Governors and authorized by the state of North Carolina: (1) the selection of architects or engineers for buildings and improvements requiring such professional services; (2) the approval of building sites; (3) the approval of plans and specifications; and (4) the final acceptance of all completed buildings and projects.¹

The board of trustees of a constituent institution shall have the authority to approve capital improvement projects that are funded entirely with non-General Fund or non-State Capital and Infrastructure Fund money with a total project budget of less than \$750,000.

The board of trustees of a constituent institution shall have the authority to approve advance planning of capital improvement projects, where the advance planning effort is to be funded entirely with non-General Fund money. Unless otherwise indicated by the Board of Governors, this delegation of authority to boards of trustees to approve advance planning efforts shall not be further delegated.

The board of trustees of a constituent institution shall have the authority for the administration of constituent institution design and construction contracts ~~for~~ capital improvement projects, which have been approved by the Board of Governors and authorized by the State of North Carolina, requiring the estimated expenditure of public money less than \$750,000.

Upon request by the board of trustees of a constituent institution and with the recommendation of the president, the Board of Governors may delegate to the board of trustees of a constituent institution additional authority to administer capital improvement projects funded with public money ~~that are~~ with a total project ~~to~~ cost less than \$2,000,000¹.

The board of trustees shall be responsible to the Board of Governors for preparing and maintaining a master plan for the physical development of the institution, consistent with the total academic and service mission of the institution as defined and approved by the Board of Governors.

Any proposal involving the acquisition or disposition by an institution of any interest in real property shall be recommended by the board of trustees to and shall be approved by the Board of Governors; provided, that:

- (a) If a proposal involves acquisition or disposition of any interest in real property other than a leasehold, the board of trustees may authorize such a transaction with a value less than

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\$500,000, and the president may authorize such a transaction with a value less than \$750,000, without obtaining approval of the Board of Governors; and

(b) If a proposal involves acquisition or disposition of a leasehold interest in real property, the board of trustees may authorize such a transaction with an annual value less than \$500,000 and a term of not more than 10 years, and the president may authorize such a transaction with annual value less than \$750,000 and a term of not more than 10 years, without obtaining approval of the Board of Governors;² and

(c) If the president or a board of trustees of a constituent institution has been delegated additional authority by the Board of Governors to do so under Section 600.1.3 of the UNC Policy Manual, the president or board of trustees of a constituent institution may authorize acquisition or disposition of an interest in real property with a value greater than that listed in paragraphs (a) and (b), above, without obtaining approval of the Board of Governors.

The Board of Governors, under circumstances which it considers appropriate and following notice from it to the board of trustees, may take action necessary to effect the acquisition or disposition of an interest in real property which is related to or which affects the institution, without receipt of a recommendation from the board of trustees.³

All delegations of authority in this section are subject to any necessary authorizations and approvals from state officials and agencies.

VII. ENDOWMENTS AND TRUST FUNDS

Subject to applicable provisions of state law and to such terms and conditions as may be prescribed from time to time by the Board of Governors, each board of trustees shall be responsible for the preservation, maintenance, and management of all properties, both real and personal, funds and other things of value which, either separately or in combination, constitute all or any part of the authorized endowment or trust funds, either currently in existence or to be established in the future, for the benefit of the individual constituent institution. [See G.S. 116-11(2); 116-12; 116-36; 116-36.1; 116-36.2]

VIII. ADMISSIONS

Subject to such enrollment levels and minimum general criteria for admission as may be established for a constituent institution by the Board of Governors, each constituent institution of the University of North Carolina System shall establish admissions policies and resolve individual admission questions for all schools and divisions within the institution. No appeal concerning an individual admission case shall lie beyond the institutional board of trustees.

IX. TUITION, FEES, AND DEPOSITS

A. General Authority of Boards of Trustees

The boards of trustees of the constituent institutions other than the board of the North Carolina School of Science and Mathematics shall cause to be collected from each student, at the beginning of each semester, quarter, or term, such tuition, fees, and other amounts necessary to pay other expenses for the term, as have been approved by the Board of Governors. [See G.S. 116-11(7) and G.S. 116-143]

B. Tuition and Fee Deposits

Each board of trustees shall require the payment of such advance deposits, at such times and under such conditions as it determines are appropriate or as may be required by state law or by the Board of Governors. [See G.S. 116-143]

C. Application Fee

Each board of trustees shall require the payment of such nonrefundable application fees, in connection with each application for admission, as may be required by state law or by the Board of Governors. [See G.S. 116-143]

D. Acceptance of Obligations in Lieu of Cash

Subject to policies prescribed by the Board of Governors, the boards of trustees shall establish regulations concerning the acceptance of obligations of students, together with such collateral or security as may be deemed necessary or proper, in lieu of cash, in payment of tuition and fees. [See G.S. 116-143]

E. Fee Recommendations

Subject to policies prescribed by the Board of Governors, each board of trustees, in consultation with the chancellor, shall recommend to the president the amounts to be charged at the constituent institution for application, athletics, health services, student activities, educational and technology, retirement of debt incurred for capital improvements projects authorized by the General Assembly, course, and special fees. In carrying out this responsibility, each board of trustees and the chancellor shall ascertain that the benefits of the activity or service are commensurate with the recommended fee which is required to support the activity or service. Recommended fees should be consistent with the philosophy set forth in the North Carolina Constitution which states that the benefits of the University of North Carolina System should be extended to the people of the state free of expense, as far as practicable.

X. STUDENT FINANCIAL AID

All scholarships and other forms of financial aid to students which are limited in their application to or are supported from sources generated by an individual campus shall be administered by the constituent institution pursuant to such regulations as may be prescribed by the board of trustees and subject to the terms of any applicable laws and to policies of the Board of Governors.

XI. STUDENT SERVICES

Each board of trustees, upon recommendation of the chancellor, shall determine the type, level, and extent of student services (such as health care, athletic programs, and counseling) to be maintained for the benefit of students at the institution, subject to general provisions concerning types and levels of student services as may be prescribed by the Board of Governors.

XII. STUDENT ACTIVITIES AND GOVERNMENT

Under such policies as may be prescribed by the Board of Governors and the board of trustees, the chancellor shall be responsible for the regulation and approval of organized, institutionally recognized student activities, the definition of roles and functions of any institutionally recognized system of student self-government and student participation in the governance of any aspect of the institutional programs and services. No appeal concerning such activities are allowable to the president or to the Board of Governors.

XIII. INTERCOLLEGIATE ATHLETICS

Subject to such policies as may be prescribed by the Board of Governors and the board of trustees, the chancellor shall be responsible for the establishment and supervision of the institution's program of intercollegiate athletics.

XIV. TRAFFIC AND PARKING REGULATIONS⁴

XV. CAMPUS SECURITY

Subject to applicable provisions of state law and such policies as may be adopted by the Board of Governors or the board of trustees, the chancellor shall be responsible for the maintenance of campus security.

XVI. AUXILIARY ENTERPRISES, UTILITIES, AND MISCELLANEOUS FACILITIES

Pursuant to applicable provisions of state law and policies of the Board of Governors, the boards of trustees of affected constituent institutions shall have authority and responsibility for the adoption of policies applicable to and the control and supervision of campus electric power plants and water and sewer systems, other utilities and facilities [G.S. 116-35], and child development centers [G.S. 116-38].

¹See Section 600.1.1 of the UNC Policy Manual for additional detail.

²The value of an interest in real property shall, with respect to a leasehold interest, be deemed the annual rental value thereof.

³Board of trustees are authorized to delegate to the respective chancellors the power to authorize for the institutions the acquisition or disposition of any interest in real property valued at less than \$50,000, subject to any necessary approval from state officials and agencies, in accordance with Section 600.1.3 of the UNC Policy Manual.

⁴Legislation adopted by the 1973 session of the General Assembly, on recommendation of the Board of Governors, gave the boards of trustees broad authority in this area and superseded the authority originally granted in this paragraph; hence it is omitted here. [See G.S. 116-44.3, *et. seq.*]

AGENDA ITEM

A-7. Capital Improvement Projects – Appalachian State University, East Carolina University, North Carolina A&T State University, North Carolina Central University, North Carolina State University, University of North Carolina at Asheville, University of North Carolina at Chapel Hill, and University of North Carolina at Charlotte Ms. Lynn

| | |
|--------------------|--|
| Situation: | Appalachian State University, East Carolina University, North Carolina Agricultural and Technical State University, University of North Carolina at Chapel Hill, and University of North Carolina at Charlotte have requested new authorizations for 10 capital improvement projects, and North Carolina Central University, NC State University, and University of North Carolina at Asheville, have requested increased authorization for three capital improvement projects. |
| Background: | The Board of Governors of the University of North Carolina System may authorize capital construction projects at UNC System institutions using available funds. |
| Assessment: | App State, ECU, North Carolina A&T, NC Central University, NC State, UNC Asheville, UNC-Chapel Hill, and UNC Charlotte are requesting projects that meet the statutory requirements. It is recommended that the Board of Governors approve the projects and the method of funding. It is further recommended that these projects be reported to the North Carolina Office of State Budget and Management as non-appropriated projects that do not require any additional debt or burden on state appropriations. |
| Action: | This item requires a vote by the committee, with a vote by the full Board of Governors through the consent agenda. |

Capital Improvement Projects – Appalachian State University, East Carolina University, North Carolina A&T State University, North Carolina Central University, North Carolina State University, University of North Carolina at Asheville, University of North Carolina at Chapel Hill, and University of North Carolina at Charlotte

ISSUE OVERVIEW

University of North Carolina System institutions are required to request authority from the Board of Governors of the University of North Carolina System to proceed with non-appropriated projects using available funds (non-general funds). Non-appropriated capital projects are funded by the institution and include the construction, repair, or renovation of facilities such as residence halls, dining facilities, research buildings, athletic facilities, and student health

Eight UNC System institutions have requested 13 capital improvement projects: 10 new projects and 3 projects for increased authorization.

I. NEW PROJECTS

| Institution/Project Title | | Total Project Cost | Previous Authorization | Requested Authorization | Funding Source |
|--|--|---------------------|------------------------|-------------------------|---|
| Appalachian State University | | | | | |
| 1. | All You Care to Eat Dining Renovation at Rivers St and Trivette Dining Halls | \$3,800,000 | \$203,591 | \$3,596,409 | Dining Receipts |
| <i>Appalachian Subtotal</i> | | <i>\$3,800,000</i> | <i>\$203,591</i> | <i>\$3,596,409</i> | |
| East Carolina University | | | | | |
| 2. | Eakin Student Recreation Center HVAC Repairs and Gym Floor Replacement – Phase 1 | \$4,850,000 | \$200,000 | \$4,650,000 | Debt Service Fee (40%)/ Trust Funds (60%) |
| 3. | Fleming Residence Hall-Renovation of HVAC Systems & Bathrooms | \$5,650,000 | \$500,000 | \$5,150,000 | Housing Receipts |
| <i>ECU Subtotal</i> | | <i>\$10,500,000</i> | <i>\$700,000</i> | <i>\$9,800,000</i> | |
| North Carolina A&T State University | | | | | |
| 4. | Webb Hall Vivarium Renovation | \$13,130,692 | \$300,000 | \$12,830,692 | NIH Grant (39%)/ HEERF (61%) |
| 5. | Williams Dining Hall Kitchen Replacement | \$15,000,000 | \$500,000 | \$14,500,000 | Dining Receipts |
| <i>N.C. A&T Subtotal</i> | | <i>\$28,130,692</i> | <i>\$800,000</i> | <i>\$27,330,692</i> | |
| University of North Carolina at Chapel Hill | | | | | |
| 6. | Bingham Hall Comprehensive Renovations | \$18,530,460 | \$500,000 | \$18,030,460 | F&A |
| 7. | Neuroscience Heat Exchanger Replacement | \$854,000 | \$0 | \$854,000 | F&A |
| <i>UNC-CH Subtotal</i> | | <i>\$19,384,460</i> | <i>\$500,000</i> | <i>\$18,884,460</i> | |
| University of North Carolina at Charlotte | | | | | |
| 8. | Cone Center North Roof Replacement | \$1,000,000 | \$0 | \$1,000,000 | Carry-forward (50%)/ Student Fees (50%) |
| 9. | Rowe Exterior Envelope Repairs | \$1,250,000 | \$0 | \$1,250,000 | Carry-forward |
| 10. | West Parking Deck Elevator Replacement | \$1,000,000 | \$0 | \$1,000,000 | Transportation & Parking Fees |
| <i>UNCC Subtotal</i> | | <i>\$3,250,000</i> | <i>\$0</i> | <i>\$3,250,000</i> | |
| Grand Total | | \$65,065,152 | \$2,203,591 | \$62,861,561 | |

II. INCREASED AUTHORIZATION

| Institution/Project Title | | Total Project Cost | Previous Authorization | Requested Authorization | Funding Source |
|--|--|--------------------|------------------------|-------------------------|--|
| North Carolina Central University | | | | | |
| 11. | WNCU Radio Station Renovation | \$2,350,000 | \$1,500,000 | \$850,000 | Title III |
| <i>NCCU Subtotal</i> | | <i>\$2,350,000</i> | <i>\$1,500,000</i> | <i>\$850,000</i> | |
| North Carolina State University | | | | | |
| 12. | Exterior Lighting LED Conversion – South & Centennial Campus | \$2,992,833 | \$750,000 | \$2,242,833 | Energy Savings Carry-forward (30%)/ Trust Funds (70%) |
| <i>NC State Subtotal</i> | | <i>\$2,992,833</i> | <i>\$750,000</i> | <i>\$2,242,833</i> | |
| University of North Carolina at Asheville | | | | | |
| 13. | Access Control | \$2,900,000 | \$2,300,000 | \$600,000 | SCIF R&R (79%)/Housing (14%)/Student Center (5%)/Dining (2%) |
| <i>UNCA Subtotal</i> | | <i>\$2,900,000</i> | <i>\$2,300,000</i> | <i>\$600,000</i> | |
| Grand Total | | \$8,242,833 | \$4,550,000 | \$3,692,833 | |

RECOMMENDATION

All projects and associated funding sources are in compliance with G.S. 143C-8-12 (State Budget Act).

It is recommended that these projects be authorized and reported to the NC Office of State Budget and Management as non-appropriated projects that do not require any additional debt or burden on state appropriations.

III. REPORTING

The following projects are being reported to the Board of Governors and Fiscal Research Division in compliance with GS 143C-8-13 (d) which permits Chancellors to authorize Repairs and Renovation projects less than \$600,000 in thirteen allowable categories.

| Institution/Project Title | | Amount | Fund Source | R&R Category |
|--|----------------------------------|-----------|---------------|--|
| University of North Carolina School of the Arts | | | | |
| 1. | DeMille Theatre HVAC Renovation* | \$475,000 | Carry-forward | (4) Repairs to or installation of new electrical, plumbing, and heating, ventilating, and air-conditioning systems |

*Reported originally at \$375,000 in January 2022, this report reflects an increased project cost. The \$500,000 Keenan Drive Improvements project, also reported at that time, has been cancelled.

AGENDA ITEM

A-8. Disposition of Property by Deed – North Carolina State University Ms. Lynn

Situation: The NC State University Board of Trustees requests authorization to dispose of Centennial Campus property by deed to the Board of Trustees of the Endowment Fund of North Carolina State University (NC State Endowment Board).

Background: The NC State Board of Trustees is requesting authorization to dispose by deed of 1.15 acres located on Centennial Campus property to the existing North Shore development. The property will be purchased by the NC State Endowment Board which intends to amend the existing ground lease to include the additional acreage. The estimated value is \$800,000.

The NC State Board of Trustees approved the property disposition on September 9, 2022.

Assessment: The disposition is required to support the completion of the North Shore development.

Action: This item requires a vote by the committee, with a vote by the full Board of Governors through the consent agenda.

Disposition of Property by Deed – North Carolina State University

ISSUE OVERVIEW

University of North Carolina System institutions are required to request authority from the Board of Governors of the University of North Carolina System to proceed with certain acquisitions and dispositions of real property.

The NC State University Board of Trustees requests authorization for disposition by deed of 1.15 acres of real property located adjacent to the North Shore development on the Centennial Campus. The property will be purchased by the board of trustees of the Endowment Fund of North Carolina State University (NC State Endowment Board) which intends to amend the existing ground lease to include the additional acreage. The additional property will support the completion of the North Shore development. The property will be purchased at its estimated value of \$800,000.

The NC State Endowment Board has ground leased approximately nine acres for the North Shore development. The ground lease is for a 99-year term and was executed in July 2014. The additional acre is needed to support parking for the residential townhome development.

The NC State Board of Trustees approved the disposition by deed on September 9, 2022.

RECOMMENDATION

It is recommended that the Board of Governors approve this request. This item requires approval by the Council of State.

**DISPOSITION
OF REAL PROPERTY**

SALE

GRANTOR State of North Carolina on behalf of North Carolina State University

GRANTEE Board of Trustees of the Endowment Fund of North Carolina State University

LOCATION Centennial Campus

SIZE +/- 1.15 acres

RATE \$800,000.00

TERM N/A

USE The subject property will be acquired by the Board of Trustees of the Endowment Fund of North Carolina State University and added to the ground lease for the existing North Shore development. This additional property will allow for completion of the final phase of the North Shore development.

Form PO-2
Rev. 10/01
Original and one copy to State Property Office

**STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION
DISPOSITION OF REAL PROPERTY**

Institution or Agency: North Carolina State University

Date: September 8, 2022

The Department of Administration is requested, as provided by GS 146-28 to dispose of the real property herein described by (sale), ~~(lease)~~, ~~(rental)~~, or ~~(land exchange)~~:

This disposition is recommended for the following reasons:

NC State University is requesting approval for the sale of property on Centennial Campus to the Board of Trustees of the Endowment Fund of North Carolina State University (The Endowment). The Endowment intends to amend the existing lease agreement with the North Shore developer to include this additional acreage which will allow for the completion of the North Shore development.

Description of Property: *(Attach additional pages if needed.)*

1.15 acres on Centennial Campus adjacent to the existing North Shore development.

Estimated value: \$800,000.00

Where deed is filed, if known: Wake County Register of Deeds

If deed is in the name of agency other than applicant, state the name: N/A

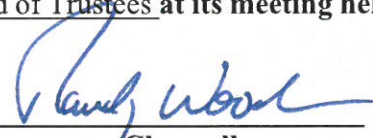
Rental income, if applicable, and suggested terms: N/A

Funds from the disposal of this property are recommended for the following use:

Funds will be retained by the Centennial Campus Trust Fund in accordance with the Centennial Campus Financing Act established by North Carolina General Statutes § 116-36.5.

Action recommending this transaction was taken by the Board of Trustees at its meeting held on September 9, 2022.

Signature


Chancellor

**TRANSMITTAL OF REQUEST FOR ACQUISITION/DISPOSITION OF REAL
PROPERTY**

Form

Number: PO-2

Preparation

Date: 9/9/2022

Request: Assent to sale of 1.15 acres of real property on Centennial Campus to the Board of Trustees of North Carolina State University.

Institution NORTH CAROLINA STATE UNIVERSITY

RECOMMENDED BY CHANCELLOR, NCSU


(Chancellor's Signature)

RECOMMENDED BY COMMITTEE ON
BUILDINGS AND PROPERTY

DocuSigned by:



(Chairman's Signature)

RECOMMENDED BY BOARD OF TRUSTEES
NCSU

DocuSigned by:

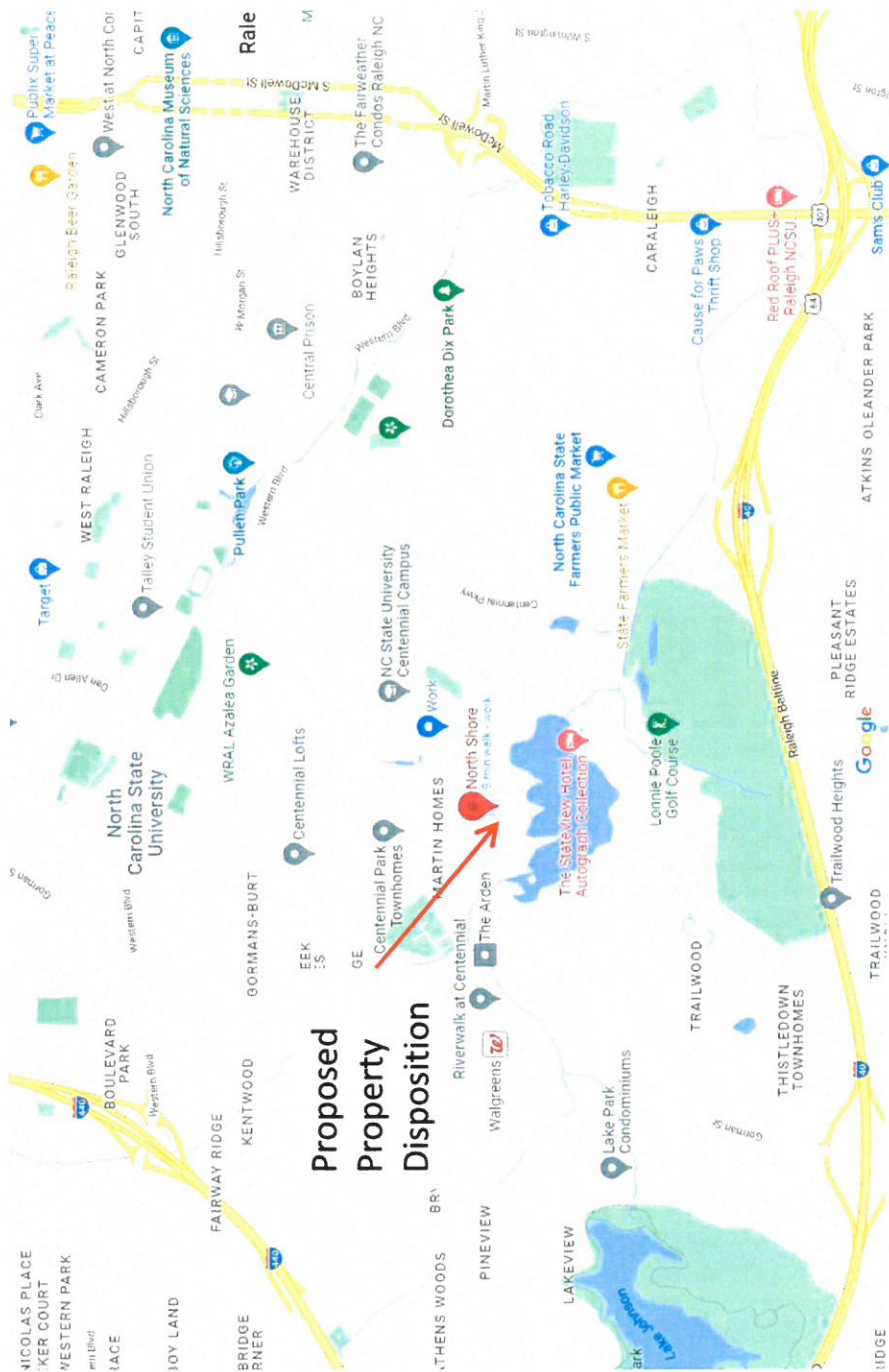


(Chairman's Signature)

RECOMMENDED BY BOARD OF GOVERNORS

(Secretary's Signature)

PO2 for Centennial Campus Property Disposition at North Shore
Vicinity Map



PO2 for Centennial Campus Property Disposition at North Shore
Proposed Disposition Area



AGENDA ITEM

A-9. Disposition of Property by Lease – North Carolina State University..... Ms. Lynn

Situation: The NC State University Board of Trustees requests authorization to dispose of property by lease to the U.S. National Oceanic and Atmospheric Administration (NOAA), National Weather Service (NWS) at the Central Crops Research Station in Clayton, North Carolina.

Background: The NC State Board of Trustees is requesting authorization for disposition by lease of 0.3124 acres to the National Oceanic and Atmospheric Administration (NOAA) for use by the National Weather Service. The property has been leased to NOAA since 1992 and the current lease expired on September 30, 2022. The property will be leased at \$3,494.13 annually for a 15-year term. The property is located at NC State's Central Crops Research Station in Clayton, North Carolina, and is currently used for a weather tower which supports the nationwide Next Generation Weather Radar (NEXRAD) system. The weather tower is one of three in the state of North Carolina.

The NC State Board of Trustees approved the lease on September 9, 2022.

Assessment: The disposition by lease is recommended to support operation of the weather station as part of the nationwide NEXRAD system.

Action: This item requires a vote by the committee, with a vote by the full Board of Governors through the consent agenda.

Disposition of Property by Lease – North Carolina State University

ISSUE OVERVIEW

University of North Carolina System institutions are required to request authority from the Board of Governors of the University of North Carolina System to proceed with certain acquisitions and dispositions of real property.

The NC State University Board of Trustees requests authorization to lease 0.3124 acres of property to the U.S. National Oceanographic and Atmospheric Administration National Weather Service (NOAA/NWS) for the operation of the weather tower at the Central Crops research station in Clayton, North Carolina. The property has been leased to NOAA/NWS since 1992 but the current lease expired September 30, 2022. The property will be leased at an annual rate of \$3,494.13 for a 15-year term. The weather tower and associated equipment is part of the Next Generation Weather Radar (NEXRAD) system which is a system of S-band Doppler weather radars jointly operated by the National Weather Service, the Federal Aviation Administration, and the U.S. Air Force. The weather tower is one of three NEXRAD towers in the state of North Carolina and the continued operation of the weather tower is necessary to support the nationwide NEXRAD system.

The NC State Board of Trustees approved the disposition by lease on September 9, 2022.

RECOMMENDATION

It is recommended that the Board of Governors approve this request. This item requires approval by the Council of State.

DISPOSITION OF REAL PROPERTY

DISPOSITION OF REAL PROPERTY BY LEASE

LESSOR: State of North Carolina, North Carolina State University (NCSU)

LESSEE: United State of America (USA), National Oceanic Atmospheric Administration (NOAA), National Weather Service (NWS)

LOCATION: Central Crops Research Station, Clayton, NC, Johnston County

TERM: Fifteen (15) years, effective October 1, 2022 and terminating no later than September 30, 2037

AREA: Approximately 0.3214 acres of land

ANNUAL

RENTAL: Flat annual rent of \$3,494.13 per year

(Calculated based upon initial year land value of \$2,870 escalated at 2.75% annually over a 15-year period yielding a total rent stream of \$52,411.95 divided equally over the 15-year period yielding \$3,494.13 per year).

Comments:

Form PO-2
Rev. 10/01
Original and one copy to State Property Office

**STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION
DISPOSITION OF REAL PROPERTY**

Institution or Agency: North Carolina State University

Date: September 8, 2022

The Department of Administration is requested, as provided by GS 146-28 to dispose of the real property herein described by lease:

This disposition is recommended for the following reasons:

NC State University is requesting approval for a new lease with The United States of America (USA), National Oceanic and Atmospheric Administration (NOAA), National Weather Service (NWS). The NWS currently leases a 0.3214 acre parcel of land at the Central Crops Research Station in Clayton, NC for operation of its NEXRAD weather tower and associated equipment. The current lease will expire on September 30, 2022.

Description of Property: 0.3214 acres of land located at 13223 US Business Hwy 70 West, Clayton, NC

Estimated value: \$3,494.13 per lease year

Where deed is filed, if known: Johnston County, NC Register of Deeds

If deed is in the name of agency other than applicant, state the name: N/A

Rental income, if applicable, and suggested terms:

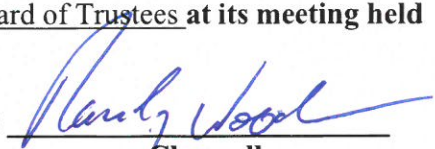
Flat annual rent of \$3,494.13 per year (Calculated based upon initial year land value of \$2,870 escalated at 2.75% annually over a 15-year period yielding a total rent stream of \$52,411.95 divided equally over the 15-year period yielding \$3,494.13 per year).

Funds from the disposal of this property are recommended for the following use:

Funds will be retained by the Research Station Fund established by North Carolina General Statutes § 106-6.3.

Action recommending this transaction was taken by the Board of Trustees at its meeting held on September 9, 2022.

Signature


Chancellor

TRANSMITTAL OF REQUEST FOR ACQUISITION/DISPOSITION OF REAL PROPERTY

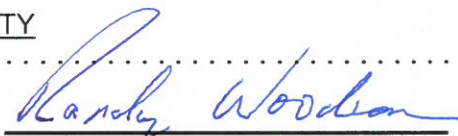
Form
Number: PO-2

Preparation
Date: September 9, 2022

Request: Approval for disposition by lease of real property between North Carolina State University (NCSU) and The United States of America (USA), National Oceanic Atmospheric Administration (NOAA), National Weather Service (NWS) for 0.3214 acre parcel at Central Crops Research Station (CCRS), Clayton, NC.

Institution: NORTH CAROLINA STATE UNIVERSITY

RECOMMENDED BY CHANCELLOR, NCSU


(Chancellor's Signature)

RECOMMENDED BY COMMITTEE ON
BUILDINGS AND PROPERTY

DocuSigned by:

E7E545F05B724129
(Chairman's Signature)

RECOMMENDED BY BOARD OF TRUSTEES,
NCSU

DocuSigned by:

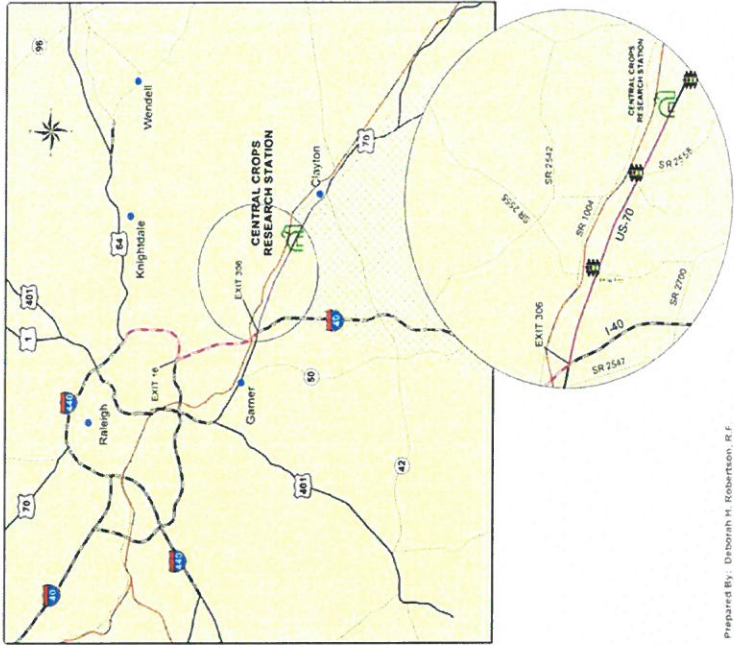
F498B66EECD44E0
(Chairman's Signature)

RECOMMENDED BY BOARD OF GOVERNORS

(Secretary's Signature)

NC STATE UNIVERSITY

Disposition by Lease – Central Crops Research Station (CCRS)



Prepared By: Deborah H. Robertson, R.F.



NORTH CAROLINA STATE UNIVERSITY – CENTRAL CROPS RESEARCH STATION