

STATE OF NORTH CAROLINA  
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

**FACILITIES INVENTORY  
AND UTILIZATION STUDY  
2018**



**Leon Levine Hall of Health Sciences, Appalachian State University**





**2018 FACILITIES INVENTORY  
AND UTILIZATION STUDY**  
for  
**The State of North Carolina**  
*Fifty Second Edition*

**May 2020**

**Leon Levine Hall of Health Sciences**  
**Appalachian State University**  
(Cover page)

Levine Hall officially opened for business in August 2018 and was delivered on time and on budget. This five-story, 203,000-square-foot building was the first completed project funded by the Connect NC Bond, a bond approved by the citizens of North Carolina in 2016. Levine Hall is located next to Appalachian Regional Hospital, approximately 2 miles from main campus and in the center of the developing health district. It houses five of the six departments in the Beaver College of Health Sciences (BCHS), as well as the Wake Forest Physician Assistant Program and the Blue Cross Blue Shield of NC Institute for Health and Human Services. The state-of-the-art facility allows for continued community engagement and collaboration in a location that supports the college's partnership with the Appalachian Regional Healthcare System.

After receiving a generous \$5 million grant from The Leon Levine Foundation of Charlotte, the Board of Trustees approved naming the building. Nearly 3,500 students are enrolled in the Beaver College of Health Sciences, and around 2,300 students are taking classes in the building this semester. Levine Hall supports 33 classrooms and 27 teaching and research laboratories. Some key features of the building include classrooms and laboratories designed for collaboration and problem-based learning, as well as an inter-professional clinic. The diverse teaching spaces allow for lectures and working groups, face-to-face collaboration with instructors and students in the classroom, or long-distance communication with health care practitioners from around the world.

Among the 27 laboratories are:

**Environmental Physiology Lab/Chamber:** The environmental chamber is used to test the effects of specified environmental conditions (hypoxia, temperature, and humidity) on physiological responses, performance and clothing. Experiments run in this chamber can help predict how individuals may respond to specific environments or help to predict the performance or lifespan of a product.

**Voice and Swallowing Lab:** The Voice, Swallowing, Motor Speech Functioning lab provides state of the art equipment for the assessment and treatment of a variety of voice disorders, swallowing disorders, and disorders of motor speech function.

**Food Systems Lab:** The purpose of this lab is to provide a real world experience for students in learning how to successfully organize, prepare and operate a restaurant, food business or foodservice organization. The lab includes the latest commercial cooking and baking equipment and instruments for large scale food product and meal production.

**Foundations of Nursing Lab:** Here the students learn the fundamentals of nursing care for patients across their lifespan. Some of the skills learned are vital signs, bathing, personal care, feeding, assistance with ambulation and positioning of patients in bed. This area also serves as a nursing unit with 8-10 patients where students can learn and practice nursing care, procedures, and medication administration.

**Nursing Simulation Labs:** Students learn the more complex nursing care for patients across their lifespan through the use of patient simulators. Faculty establish a patient scenario that replicates the actual clinical environment. This provides a safe environment for students to practice while protecting actual patients from potential harm while they practice nursing skills such as IV therapy, nasogastric tubes, tracheostomy care, and wound care.

**Gross Anatomy Lab (Cadaver Lab):** The gross anatomy lab houses four preserved human cadavers from a medical school. Faculty and students perform cadaver dissection for Athletic Training and Exercise Science courses not only to engage in a comprehensive examination of human anatomy, but to learn and appreciate human variability. Students learn how tissues and organs are interrelated and witness the effects of disease firsthand, all while gaining an appreciation for the donors and their unselfish gift of donating their body to science.

# **The University of North Carolina**

Randy Ramsey, Chairman  
Board of Governors

Dr. William Roper  
Interim President

Katherine Lynn  
Senior Associate Vice President for Finance and Capital Planning

## **University of North Carolina System Space Utilization Analysis**

Jeffrey D. Hill  
Former Director

Lindsay Gangl  
Former Assistant Director

Daphne Dow  
Space Utilization Research Specialist

Karen Copeland  
AutoCAD Tech

## **Technical Committee**

Suzanne Canipe  
UNC at Chapel Hill

Art Rex  
Appalachian State University

Connie Harris  
Montgomery Community College

Judith Smith  
UNC at Greensboro

Jeffrey D. Hill  
Finance & Administration

Sally Rau  
NC State University

Lindsay Gangl  
Finance & Administration

Daphne Dow  
Finance & Administration

## Participating Institutions

### UNIVERSITY OF NORTH CAROLINA SYSTEM

#### Research Universities I

#### Chancellor

#### Project Officer

NC State University

Randy Woodson

Sally Rau, Facilities  
Information Manager

UNC-Chapel Hill

Kevin M. Guskiewicz

Suzanne Canipe  
Space Information Analyst

#### Doctoral Universities

East Carolina University

Ronald L. Mitchelson  
*(Interim)*

Kim Higdon  
Space Analyst

N.C. A & T State University

Harold L. Martin, Sr.

Muthka Jost  
Vice Provost

UNC Charlotte

Philip L. Dubois

Steve Coppola  
Provost for Inst. Research

UNC Greensboro

Franklin D. Gilliam, Jr.

Judy Smith  
Dir. Space Management

#### Master's (Comprehensive) Universities & Colleges I

Appalachian State University

Sheri N. Everts

Arthur B. Rex  
Space Mgmt. & Planning

Fayetteville State University

Peggy Valentine  
*(Interim)*

Ashlynn Moore  
Planning & Construction

North Carolina Central University

Johnson O. Akinleye

Tim Williams  
Design and Construction

UNC Pembroke

Robin G. Cummings

Myra Moody  
Research Analyst

UNC Wilmington

Jose V. Sartarelli

Woody Sutton  
Campus Space Planner

Western Carolina University

Kelli R. Brown

Paul Hammer  
Research Specialist

Winston-Salem State University

Elwood L. Robinson

Staci Manter  
Facility Planner

**Baccalaureate (Liberal Arts)**  
**Universities and Colleges I & II**

Elizabeth City State University

**Chancellor**

Karrie Dixon

**Project Officer**

Fred Okanda  
Dir. Inst. Research

UNC Asheville

Nancy J. Cable

Keith Krumpe  
Senior Admin-Space Planner

**Schools of Art, Music, & Design**

UNC School of the Arts

Brian Cole  
*(Interim)*

Jeff Paton  
Dir. Inst. Research

**Teaching Hospitals**

UNC Hospitals at Chapel Hill

**Executive Director**

Gary L. Park

**Project Officer**

Laura McClamb  
Asset Manager

**NORTH CAROLINA COMMUNITY COLLEGE SYSTEM**

Peter Hans, System President

**Community Colleges**

**President**

**Project Officer**

Alamance CC

Algie C. Gatewood

Jaime Sutton  
Admin Secretary Curriculum

Asheville-Buncombe TCC

Dennis F. King

Logan Hickey  
Procur. & Fixed Assets Coord.

Beaufort County CC

David Loope

Lisa Woolard  
Equip. Coordinator

Bladen CC

Amanda Lee

Lynn King  
Assoc. to the VP for Prog. Svcs.

Blue Ridge CC

Laura Leatherwood

Peter Hemans  
Dir. of Facilities

Brunswick CC

Gene Smith

Sheila Galloway  
Dir. Fiscal Services

Caldwell CC & TI

Mark Poarch

Jeff Herman  
Director, Facilities Services

Cape Fear CC

Jim Morton

Dreama Witt Williams  
Curriculum Technician

Carteret CC

John Hauser

Renee Donald  
Plant Operations Coord.

Catawba Valley CC	Garrett Hinshaw	Jessica Page Coord. Curriculum/Facilities
Central Carolina CC	Lisa Chapman	Philip Price VP Admin. Services
Central Piedmont CC	Kandi Deitemeyer	Vicki Saville Assoc. V.P Facilities Svcs
Cleveland CC	Jason Hurst	Shannon L. Kennedy Executive Vice President
Coastal Carolina CC	David Heatherly	Carol Lurz Dir. Physical Plant
College of the Albemarle	Jack Bagwell	Lisa Jones Admin Services Manager
Craven CC	Raymond Staats	Cindy Patterson Executive Dir. of Financial Svcs.
Davidson County CC	Darrin Hartness	Keith Raker Dir. Physical Plant
Durham TCC	William “Bill” Ingram	Marshall Fuller Dir. Facility Services
Edgecombe CC	Gregory McLeod	Debbie Batten Controller
Fayetteville TCC	J. Larry Keen	Sheila Cameron Env. Svcs. Tech.
Forsyth TCC	Janet Spriggs	Jack Fenstermaker Purchasing/Equipment Tech.
Gaston College	Patricia A. Skinner	Rex Clay Dir. Inst. Effectiveness
Guilford TCC	Anthony Clarke	Mitchell Johnson Assoc. VP Admin. Svcs
Halifax CC	Michael Elam	David Forester V.P. Admin Svcs
Haywood CC	Shelley White	Brek Lanning Dir. of Campus Development
Isothermal CC	Walter Dalton	William Doll Dir. of Facility Maintenance
James Sprunt CC	Jay Carraway	Jese Brown Career & Coll. Promise Liaison



Johnston CC	David N. Johnson	Maureen Schappert Scheduling Specialist
Lenoir CC	Russell T. Hunt	B.J. Koonce Dir. Env. Services
Martin CC	Dr. Ken Boham <i>(Interim)</i>	Brian Busch VP Student Services
Mayland CC	John C. Boyd	Tommy Ledford Director of IT
McDowell TCC	John D. Gossett	Ryan Garrison VP Finance & Admin
Mitchell CC	Tim Brewer	Johnathan Harris Accounting Manager
Montgomery CC	Chad Bledsoe	Connie Harris Dir. Evening Programs
Nash CC	Lew Hunnicutt	Adrienne Covington VP Finance/CFO
Pamlico CC	James Ross	Scott Frazer Chief Information Officer
Piedmont CC	Pamela Senegal	Rhonda Strickland Admin Asst. Admin. Svcs.
Pitt CC	Lawrence Rouse	Kelly Moore Facil. Scheduling Officer
Randolph CC	Robert S. Shackelford, Jr.	Cindi Goodwin Dir. of Facility Operations
Richmond CC	W. Dale McInnis	Scotty Mabe Dir Facilities Services
Roanoke-Chowan CC	Audre Levy <i>(Interim)</i>	Timothy Lassiter Facilities Director
Robeson CC	Melissa Singler	Sybil Boone, Exec. Asst. to VP Instruction
Rockingham CC	Mark Kinlaw	Susan A. Hall Admin. Svcs. Asst.
Rowan-Cabarrus CC	Carol S. Spalding	Danny Carpenter Dir. of Fac. Operations & Maint.
Sampson CC	Bill Starling	Marvin Rondon Dean of Academic Svcs. and IE

Sandhills CC	John R. Dempsey	Steven Garner Structural Supervisor
South Piedmont CC	Maria Pharr	Ann Teal Coord. of Lockhart-Taylor Center
Southeastern CC	William Aiken <i>(Interim)</i>	Katrina Canady Admin Asst., Admin Services
Southwestern CC	Don Tomas	William Brothers VP for Finance and Admin
Stanly CC	John D. Enamait	Shelley Osborne Purchasing Agent
Surry CC	David R. Shockley	Tony Martin Vice President of Finance
Tri-County CC	Donna Tipton-Rogers	Shannon Bryant Curriculum Records Specialist
Vance-Granville CC	Rachel Desmarais	Lee Newbern Asst. Systems Administrator
Wake TCC	Scott Ralls	Wendell B. Goodwin Vice President of Facilities
Wayne CC	Thomas A. Walker, Jr.	Don Magoon Chief Admin. Svcs.
Western Piedmont CC	Michael S. Helmick	Linda Carswell Dir. Purchasing
Wilkes CC	Jeffrey A. Cox	Steven Hall Equip. Coordinator
Wilson TCC	Robert Timothy Wright	Hadie Horne VP Finance/Admin

Note: Chancellors and presidents are listed as of the publication date. The project officers are the persons who supplied the data used in this year's study.

## Foreword

This study, the fifty-second in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina System institutions of higher education at the end of the drop-add period of the 2018 fall term at each institution. 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.

In order to realize substantial savings in printing costs, the 2018 Facilities Inventory and Utilization Study is being published in its entirety online in a format that can be printed front and back. The 2018 study can be found at <https://www.northcarolina.edu/facilities>.

The purposes of this study include providing facilities data to state authorities, making data on North Carolina 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 quantities of data assembled in the 2018 comprehensive planning studies. Other studies have been conducted, resulting in detailed information pertinent to this study. This information has been incorporated into the study to continually broaden the information available. Detailed facility condition information for UNC System institutions presented on page 124 is such an example.

Public senior institutions and community and technical colleges throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Technical Committee. 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.

Katherine Lynn  
Senior Associate Vice President for Finance and Capital Planning

## Contents

	<u>Page</u>
<b>Foreword .....</b>	<b>ix</b>
<b>Table of Contents .....</b>	<b>x</b>
<b>List of Tables .....</b>	<b>xi</b>
<b>Introduction.....</b>	<b>1</b>
I. Utilization of Instructional Space .....	7
II. Interior Space Characteristics .....	59
III. Building Characteristics .....	107
IV. Accessibility of Facilities to the Mobility Impaired .....	129
<b>Institutional Index .....</b>	<b>155</b>
<b>Bibliography .....</b>	<b>158</b>
<b>Index .....</b>	<b>159</b>

## List of Tables

<b><u>Utilization of Instructional Space</u></b>	<b><u>Page</u></b>
I. Capacity/Enrollment Ratio .....	9
2. Square Feet of Academic Facilities per FTE Student .....	15
3. Average Weekly Room Hours of Instruction in Classrooms .....	20
4. Average Weekly Room Hours of Instruction in Class Laboratories .....	24
5. Average Weekly Use of Student Stations in Classrooms .....	28
6. Average Weekly Use of Student Stations in Class Laboratories .....	32
7. Percent Student Station Utilization, Classrooms and Class Laboratories .....	36
8. Student Clock Hours of Instruction .....	41
9. Space Factors .....	44
10. Range of Selected Space Utilization Indices .....	48
11. Space Standards .....	49
12. Enrollments .....	54
 <b><u>Interior Space Characteristics</u></b>	
13. Net-To-Gross Ratio .....	61
14. Percentage Distribution of Assignable Area by Summary Programs .....	64
14a. Instruction, Research & Public Service Subprograms .....	71
14b. Academic Support Subprograms .....	78
14c. Student Service and Physical Plant Operations Subprograms .....	82
14d. Institutional Administration, Independent Operations and Unassigned Subprograms .....	86

**Interior Space Characteristics (cont.)** **Page**

15. Assignable Area by Room Code.....	90
16. Assignable Square Feet per Student Station for Classrooms .....	98
17. Assignable Square Feet per Student Station for Class Laboratories .....	102

**Building Characteristics**

18. Ownership of Buildings .....	109
19. Capital Investment, Non-Residential Buildings.....	112
20. Capital Investment, Residential Buildings.....	112
21. Age of Buildings Reported by Gross Square Feet .....	116
22. Condition of Buildings .....	120
22a. FCAP: Maintenance and Repair Needs .....	120
23. Estimated Cost to Renovate or Replace Unsatisfactory Facilities .....	125

**Accessibility of Facilities to the Mobility Impaired**

24. Accessible Area as a Percentage of Assignable.....	131
25. Accessible Area by Summary Programs and Subprograms .....	135
25a. Instruction, Research & Public Service Subprograms.....	138
25b. Academic Support Subprograms .....	142
25c. Student Service and Physical Plant Operations Subprograms .....	144
25d. Institutional Administration, Independent Operations and Unassigned Subprograms.....	146
26. Accessible Area by Room Code .....	149

## Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the *2018 Facilities Inventory and Utilization Study* is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data that can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by UNC System Office's Space Utilization and Analysis unit, which is a division of Finance and Administration.

### **Institutions Included**

The study provides data for 74 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions, which comprise the University of North Carolina System, and the 58 public two-year institutions, which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina System. The participating colleges and universities are listed by type of institution on pages iv-viii along with the name of the president or chancellor and the project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 155-157.

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

Due to dwindling participation, the four private campuses consisting of Barton University, Campbell University, Mars Hill University, and Pfeiffer University do not have 2018 data reported. The historical data from 2014 through 2017 is still reflected in the graphs and other tables where historical data is displayed.

### **Types of Data Collected**

The study is divided into four sections that reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. 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. The section dealing with interior space 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 final section describes the amount and type of campus space that is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "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 take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities that are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions that are dissimilar in terms of their levels or the instructional programs that they offer. Peer comparisons provide the most reliable means of assessment.

### **Procedures Used in Collecting Data**

Space Utilization and Analysis maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report provides detailed information about each building on an institution's campus. 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.

Each fall, every institution submits a file with a list of changes in its facilities inventory occurring since the previous fall. Beginning in fall 2007, community colleges, private institutions, and a number of UNC System institutions began reporting inventory changes 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. Institutions with computer assisted facilities management systems continue to report room inventory changes from the output of these systems.



Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Institutions provide these data by E-mail, FTP or on the UNC System Office file server. Each institution's course data are run against 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 in relation to comparable institutions.

Schools that need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the Space Utilization and Analysis staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Space Utilization and Analysis staff also assists institutions by taking the measurements of new buildings for which the institutions have provided CAD files. For the past several years, improved in-house data processing capabilities have allowed data search services, special analyses, and facilities survey assistance to be provided to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by Space Utilization and Analysis staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year, each institution receives a PDF of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided is one copy of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables that describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance and Administration Division of the University of North Carolina System office (UNC System constituent institutions only), and to the N.C. Community College System office (two-year public institutions only).

### **Limitations and Special Situations**

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina 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 East Carolina University and the University of North Carolina at Chapel Hill, UNC Hospitals at Chapel Hill, or the North Carolina 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 at public institutions (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.

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

NC State University and N.C. 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.

As further clarification of institution groupings, graph references to "UNC System" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina System. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community Colleges of the North Carolina Community College System.

Facilities and utilization data for the North Carolina School of Science and Mathematics (NCSSM) is available in a separate report under the heading of Constituent High School. The data elements collected, formats maintained, and statistics generated for the Facilities Inventory and Utilization Study adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization reporting. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus.

Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to facilities (national standard) data. This office does, however, provide the special request services mentioned above to all North Carolina institutions for all data maintained on the building, room, and utilization files. In addition, these services are provided to institutions that maintain supplemental or special campus information items when these data are provided with the request.

This Page Intentionally Left Blank



### **H. Douglas Covington Hall Winston-Salem State University**

In Fall 2018, Winston-Salem State University opened its new \$24 million living/learning community for first-time freshmen. The five-story residence hall can accommodate nearly 300 students. H. Douglas Covington Hall features private rooms grouped in pods of between 14 and 17 double-occupancy bedrooms and a single-occupancy room for a resident assistant with comfortable shared space for study and social interaction. The new residence hall also includes a central community kitchen with seating areas, and an on-site laundry that can be used by all residents. Designed to help students succeed, Covington hall also contains academic-oriented multipurpose space, a seminar room, a computer lab, study rooms, and an academic research center. The \$24 million building was designed by Lord Aeck Sargent and constructed as a joint venture between Balfour Beatty Construction and Holt Brothers Construction.

## **Utilization of Instructional Space**

Capacity/Enrollment Ratio .....	9
Sq. Ft. Academic Facilities per FTE Student .....	15
Room Hours of Instruction in Classroom .....	20
Room Hours of Instruction in Class Laboratories .....	24
Use of Student Stations in Classrooms .....	28
Use of Student Stations in Class Laboratories .....	32
Percent Student Station Utilization .....	36
Student Clock Hours of Instruction .....	41
Space Factors .....	44
Range of Space Utilization Indices .....	48
Space Standards .....	49
FTE Enrollments .....	54

This Page Intentionally Left Blank

**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 commonly used indices of instructional utilization of institutional facilities.

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. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been around five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

**Instructional and Library Space**

Instructional and library space is defined in terms of program codes (pages 65-66, 71-73, 78-79, 82-83, 86-87) and room use codes (pp. 91-92). 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:

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**

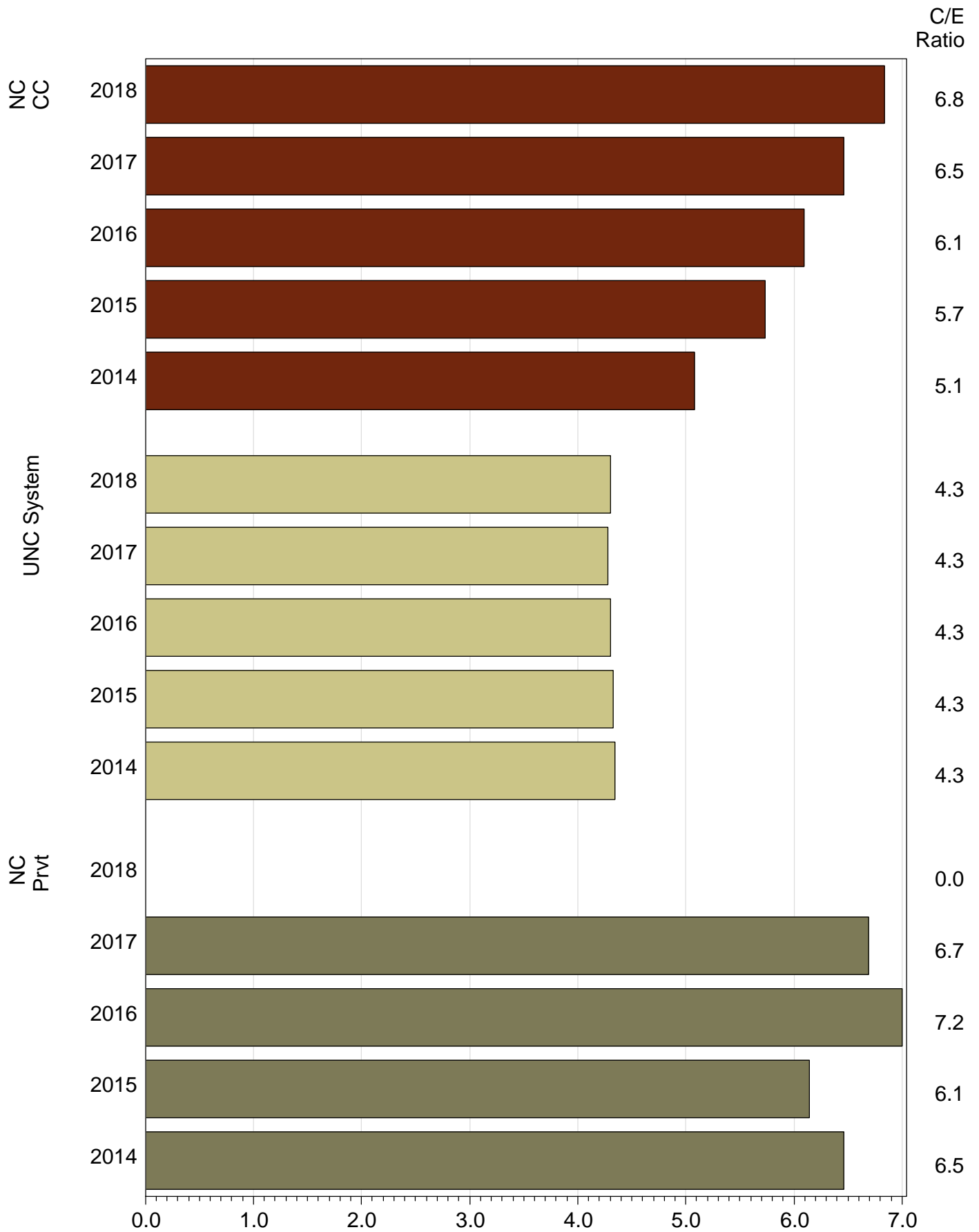
Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying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

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



# Capacity / Enrollment Ratio



**Table 1. Capacity / Enrollment Ratio**

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2018	2017	2016	2015	2014
Public Institutions							
Research Universities I							
NC State	1,702,828	392,451.0	4.34	4.44	4.46	4.38	4.23
NC State Veterinary Med	-	-	-	-	-	-	-
UNC-Chapel Hill	1,887,543	301,414.0	6.26	6.17	6.10	6.12	6.06
UNC-Chapel Hill Hlth Aff.	-	-	-	-	-	-	-
Subtotal	3,590,371	693,865.0	5.17	5.20	5.19	5.14	5.02
Doctoral Universities I & II							
East Carolina	1,053,150	278,987.5	3.77	3.62	3.57	3.78	3.91
East Carolina Hlth Aff.	-	-	-	-	-	-	-
N.C. A&T	720,191	153,982.5	4.68	4.78	5.17	5.22	5.43
UNC Charlotte	1,003,989	349,929.5	2.87	2.77	2.80	2.84	3.00
UNC Greensboro	728,304	207,070.5	3.52	3.65	3.59	3.76	3.75
Subtotal	3,505,634	989,970.0	3.54	3.50	3.53	3.64	3.78
Master's (Comprehensive) Universities & Colleges I							
Appalachian	908,210	269,815.5	3.37	3.10	3.11	3.11	3.01
Fayetteville	283,423	51,216.0	5.53	6.24	5.78	5.68	5.41
NCCU	538,119	87,522.5	6.15	5.94	5.77	5.79	6.35
UNC Pembroke	306,476	65,644.5	4.67	5.04	4.75	4.76	4.83
UNC Wilmington	521,094	171,469.5	3.04	3.01	3.28	3.06	2.96
Western Carolina	548,431	144,247.5	3.80	3.95	4.01	4.25	4.22
Winston-Salem	285,229	63,591.5	4.49	4.63	4.60	4.90	5.29
Subtotal	3,390,982	853,507.0	3.97	3.97	3.99	4.00	3.98
Baccalaureate (Liberal Arts) Universities & Colleges I & II							
Elizabeth City	281,544	21,401.0	13.16	15.10	17.24	15.39	14.74
UNC Asheville	250,883	52,409.0	4.79	4.71	4.73	4.05	4.32
Subtotal	532,427	73,810.0	7.21	7.41	7.75	6.76	7.04
Schools of Art, Music, & Design							
UNC School of the Arts	335,203	31,870.5	10.52	10.48	10.37	10.49	9.27
Subtotal	335,203	31,870.5	10.52	10.48	10.37	10.49	9.27
Community Colleges							
Alamance	222,053	32,402.0	6.85	6.57	5.90	4.32	4.10
Asheville-Buncombe	395,403	56,357.0	7.02	9.32	8.33	6.34	5.78
Beaufort Co.	129,244	12,048.5	10.73	12.86	12.63	11.28	7.73
Bladen	69,802	9,774.0	7.14	6.50	5.00	6.23	5.14
Blue Ridge	244,480	20,018.0	12.21	11.22	9.05	10.39	8.43
Brunswick	113,856	20,957.0	5.43	4.47	5.02	4.58	4.39
Caldwell	256,499	30,888.0	8.30	7.91	7.38	8.06	8.12
Cape Fear	506,356	82,987.5	6.10	5.55	4.68	4.42	3.79
Carteret	124,063	14,769.0	8.40	8.28	7.44	7.81	7.40
Catawba Valley	333,014	37,073.0	8.98	7.23	6.75	6.60	5.56
Central Carolina	352,177	40,207.0	8.76	6.70	6.68	6.25	5.55
Central Piedmont	913,875	155,473.5	5.88	5.26	5.24	4.46	4.82
Cleveland	158,060	20,801.5	7.60	8.24	8.09	8.30	7.10
Coastal Carolina	187,255	47,943.0	3.91	3.67	3.80	3.71	3.29
Coll. of Albemarle	130,340	18,341.5	7.11	8.29	11.36	9.72	9.84
Craven	160,607	26,687.0	6.02	5.25	5.82	5.54	5.45
Davidson County	238,611	31,162.5	7.66	6.84	6.78	6.11	5.55

**Table 1. Capacity / Enrollment Ratio**

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2018	2017	2016	2015	2014
Durham	240,671	45,985.0	5.23	4.57	4.96	4.62	4.34
Edgecombe	135,295	12,439.0	10.88	7.25	6.94	5.44	4.38
Fayetteville	469,028	96,124.0	4.88	5.28	5.11	4.66	4.39
Forsyth	488,086	71,756.0	6.80	6.79	6.09	5.59	4.92
Gaston	332,663	31,255.0	10.64	7.33	6.09	6.75	7.03
Guilford	670,603	88,007.0	7.62	7.95	6.58	6.33	3.84
Halifax	100,451	7,408.5	13.56	11.49	8.85	7.97	7.45
Haywood	150,601	13,824.5	10.89	9.38	10.36	8.93	8.37
Isothermal	165,493	11,908.0	13.90	12.77	12.20	9.28	10.63
James Sprunt	91,767	11,534.0	7.96	7.07	6.68	6.33	5.63
Johnston	182,428	37,017.0	4.93	5.38	5.17	5.91	6.12
Lenoir	222,667	30,340.5	7.34	8.89	8.84	7.12	6.03
Martin	79,909	10,744.0	7.44	7.07	7.14	15.21	9.32
Mayland	79,476	6,917.5	11.49	10.35	11.04	9.35	7.02
McDowell	103,432	10,829.5	9.55	10.06	9.71	9.18	9.64
Mitchell	164,412	28,833.5	5.70	6.03	5.27	4.99	4.67
Montgomery	61,830	8,726.0	7.09	6.18	7.69	7.63	7.24
Nash	159,391	22,460.0	7.10	5.67	5.22	5.85	3.79
Pamlico	33,955	2,282.0	14.88	14.18	11.61	12.47	11.59
Piedmont	88,069	7,326.5	12.02	8.14	6.66	6.27	5.44
Pitt	319,094	57,927.0	5.51	5.08	4.31	3.95	3.71
Randolph	193,562	23,375.0	8.28	8.19	7.08	6.67	6.77
Richmond	120,179	19,076.0	6.30	6.03	5.52	5.02	4.54
Roanoke-Chowan	57,324	5,761.5	9.95	8.15	8.59	7.83	5.06
Robeson	122,270	22,161.0	5.52	4.82	5.02	4.52	4.25
Rockingham	156,845	13,769.5	11.39	8.26	10.13	10.94	6.86
Rowan-Cabarrus	228,605	45,400.5	5.04	5.23	4.51	4.82	3.74
Sampson	94,925	13,551.5	7.00	6.20	5.71	5.32	4.97
Sandhills	245,602	36,004.0	6.82	6.49	6.51	6.34	5.34
South Piedmont	131,048	17,317.0	7.57	7.13	7.12	6.51	5.31
Southeastern	124,761	11,649.5	10.71	9.09	9.50	8.89	8.96
Southwestern	134,210	17,170.5	7.82	7.12	6.81	5.69	5.44
Stanly	95,767	10,456.0	9.16	10.23	10.55	14.33	8.59
Surry	267,392	34,009.5	7.86	6.86	5.94	6.02	5.27
Tri-County	88,101	7,423.0	11.87	10.96	10.48	8.60	6.70
Vance-Granville	153,964	23,062.0	6.68	5.93	5.22	5.15	4.49
Wake	849,935	186,578.0	4.56	4.57	4.16	3.86	3.21
Wayne	173,739	28,987.0	5.99	5.05	5.41	5.36	5.16
Western Piedmont	165,245	18,781.0	8.80	8.04	8.13	7.97	7.03
Wilkes	215,490	24,066.0	8.95	8.41	8.57	7.32	5.64
Wilson	118,765	12,862.5	9.23	8.59	5.47	6.74	6.09
<b>Subtotal</b>	<b>12,612,745</b>	<b>1,842,995.5</b>	<b>6.84</b>	<b>6.46</b>	<b>6.09</b>	<b>5.73</b>	<b>5.08</b>
<b>NC Private Universities</b>							
Barton	-	-	-	9.53	6.93	8.42	8.26
Campbell	-	-	-	4.91	5.91	4.49	4.91
Mars Hill	-	-	-	9.36	9.78	8.23	8.28
Pfeiffer	-	-	-	10.01	10.34	9.54	9.47
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6.69</b>	<b>7.24</b>	<b>6.14</b>	<b>6.46</b>
<b>Grand Total</b>	<b>23,967,362</b>	<b>4,486,018.0</b>	<b>5.34</b>	<b>5.24</b>	<b>5.13</b>	<b>4.99</b>	<b>4.73</b>

This Page Intentionally Left Blank

**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, which are still widely used in determining facilities needs, can be summarized as follows:

<u>Institutional Level</u>	<u>Public</u>	<u>Private</u>	<u>Total</u>
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest in updating these norms through a new national survey of higher education facilities.

#### **Academic Facilities**

"Academic facilities" is a broader concept than "instructional and library space" (page 9). 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 65-66, 71-73, 78-79, 82-83, 86-87) and room use codes (pp. 91-93). The term refers to an institution's total assignable area (page 61) 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**

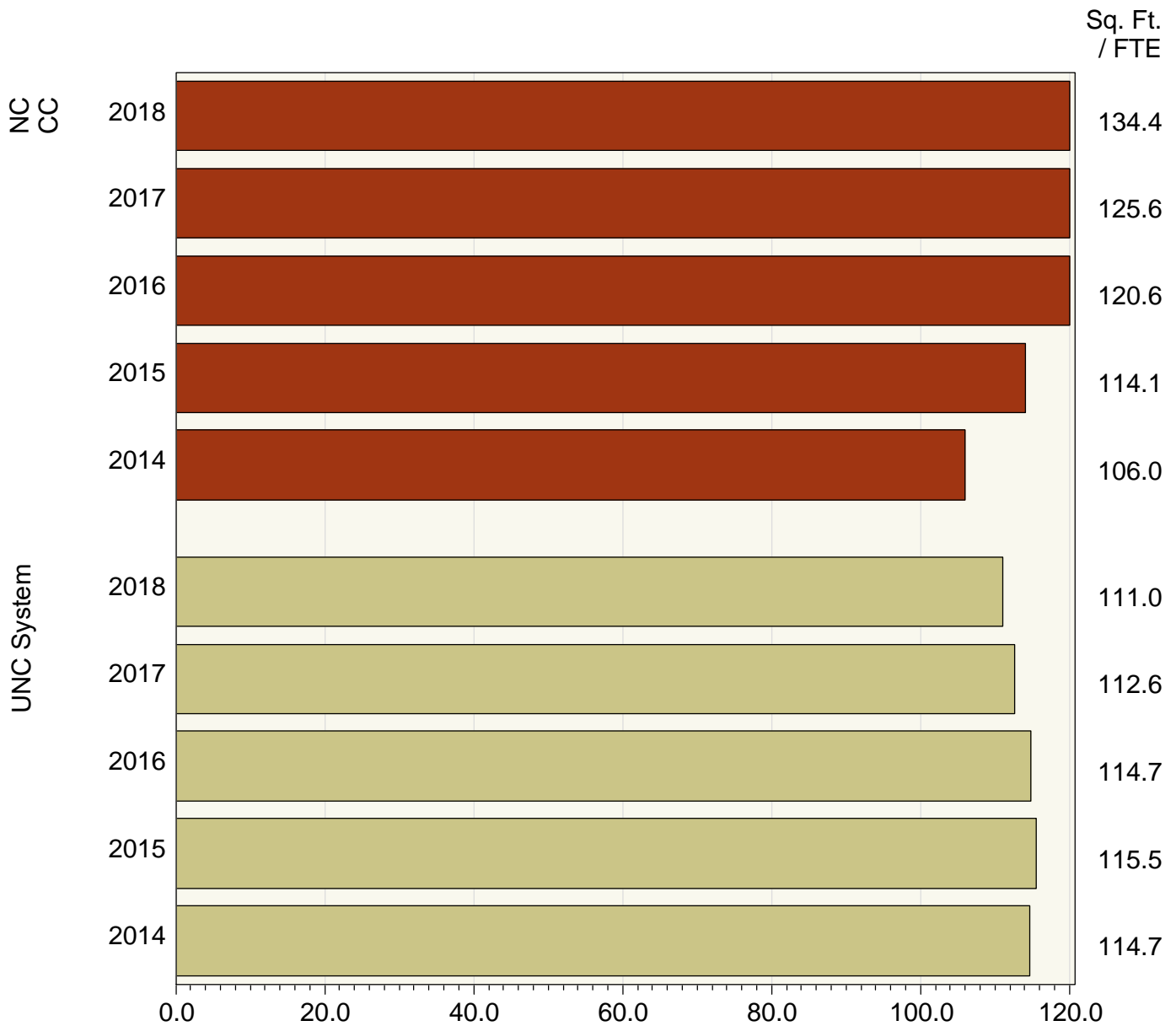
Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount 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 54.

In this table, the FTE enrollments that are reported for the institutions of the Community College System include only credit enrollment generated in all inventoried space. Noncredit enrollment is not reflected in this table. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 since these are irrelevant to space utilization analysis. These are reported, however, in the parenthesized figures of Table 12. Methods of FTE calculation for the constituent institutions of both the University of North Carolina System and Community College System are again outlined on page 54.

**SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =**

**SQUARE FEET OF ACADEMIC FACILITIES**  
**FTE ENROLLMENT**

## Square Feet of Academic Facilities Per FTE Student



**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				
			2018	2017	2016	2015	2014
Public Institutions							
Research Universities I							
NC State	5,973,814	31,513	190	196	198	195	193
NC State Veterinary Med	436,511	400	1,091	1,083	1,061	1,044	1,104
UNC-Chapel Hill	3,757,835	23,326	161	160	167	165	165
UNC-Chapel Hill Hlth Aff.	2,570,031	4,633	555	535	545	543	537
Subtotal	9,731,649	54,839	177	180	184	182	181
Doctoral Universities I & II							
East Carolina	1,716,552	22,958	75	72	71	71	71
East Carolina Hlth Aff.	1,156,961	2,754	420	415	412	333	347
N.C. A&T	1,549,357	11,346	137	139	149	150	155
UNC Charlotte	1,888,029	27,340	69	67	70	75	70
UNC Greensboro	1,436,353	18,239	79	83	83	85	87
Subtotal	6,590,291	79,883	82	82	84	86	86
Master's (Comprehensive) Universities & Colleges I							
Appalachian	1,338,379	18,394	73	69	70	71	70
Fayetteville	466,262	5,431	86	98	96	99	102
NCCU	804,354	7,502	107	108	108	108	112
UNC Pembroke	533,489	6,354	84	96	95	91	86
UNC Wilmington	976,507	15,157	64	68	71	70	71
Western Carolina	846,912	10,660	79	85	86	91	91
Winston-Salem	540,036	4,843	112	114	112	114	100
Subtotal	5,505,939	68,341	81	83	85	86	84
Baccalaureate (Liberal Arts) Universities & Colleges I & II							
Elizabeth City	432,616	1,554	278	333	322	270	231
UNC Asheville	411,308	3,489	118	120	117	115	116
Subtotal	843,924	5,043	167	177	172	161	155
Schools of Art, Music, & Design							
UNC School of the Arts	535,805	1,040	515	534	519	558	471
UNC Subtotal	23,207,608	209,146	111	113	115	116	115
Community Colleges							
Alamance	259,380	2,820	92	91	72	67	69
Asheville-Buncombe	544,103	4,462	122	106	107	89	86
Beaufort Co.	165,361	676	245	256	251	213	154
Bladen	90,830	1,034	88	94	94	94	85
Blue Ridge	283,491	1,034	274	259	219	209	188
Brunswick	154,230	838	184	183	185	159	133
Caldwell	305,710	1,772	173	155	143	136	125
Cape Fear	659,623	4,970	133	124	98	94	87
Carteret	157,421	758	208	199	180	184	174
Catawba Valley	387,461	3,156	123	100	95	91	111
Central Carolina	409,138	2,206	185	95	95	97	93
Central Piedmont	1,230,666	9,004	137	132	132	123	123

\*Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

\*\*Agricultural programs at N.C. A&T require a significant amount of academic space. The 2018 figures for these programs are: ASF: 366,095; FTE: 1,040; ASF per FTE: 325. Figures for all other campus programs are: ASF: 1,549,357; FTE: 11,346; ASF per FTE: 137.

\*\*\*High school enrollment is excluded from this table, resulting in a significant understatement of the total utilization of academic facilities at UNCSA.



**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				
			2018	2017	2016	2015	2014
Cleveland	193,224	998	194	180	148	152	133
Coastal Carolina	222,650	2,432	92	87	87	79	74
Coll. of Albemarle	194,348	850	229	227	305	276	236
Craven	192,283	1,444	133	122	129	123	119
Davidson County	317,863	2,080	153	106	99	95	89
Durham	340,097	2,690	126	113	116	115	108
Edgecombe	181,185	718	252	212	192	143	112
Fayetteville	615,313	8,460	73	75	76	73	68
Forsyth	624,962	5,572	112	114	112	107	95
Gaston	406,793	3,690	110	105	99	95	94
Guilford	1,048,555	5,470	192	195	171	162	146
Halifax	159,147	396	402	309	265	242	218
Haywood	188,375	736	256	234	251	229	207
Isothermal	223,916	772	290	255	257	231	201
James Sprunt	126,070	828	152	131	134	119	112
Johnston	247,431	1,852	134	130	137	128	119
Lenoir	264,537	1,890	140	137	133	130	114
Martin	103,191	562	184	177	175	206	202
Mayland	99,928	604	165	160	152	182	129
McDowell	136,254	836	163	173	154	151	155
Mitchell	209,691	1,392	151	142	135	138	132
Montgomery	76,570	722	106	107	121	126	114
Nash	191,291	1,272	150	143	123	101	66
Pamlico	50,723	80	634	497	453	409	649
Piedmont	119,387	626	191	179	136	127	111
Pitt	391,383	5,620	70	67	57	55	51
Randolph	257,593	1,142	226	212	192	179	164
Richmond	171,078	1,830	93	91	88	91	90
Roanoke-Chowan	75,410	274	275	248	221	197	166
Robeson	160,855	1,480	109	103	106	98	95
Rockingham	205,496	1,270	162	146	160	148	133
Rowan-Cabarrus	342,933	2,630	130	125	124	133	93
Sampson	114,481	724	158	155	136	131	118
Sandhills	287,401	2,116	136	131	138	128	118
South Piedmont	184,922	1,572	118	112	119	119	176
Southeastern	162,974	682	239	214	232	194	195
Southwestern	177,910	1,252	142	134	147	137	129
Stanly	129,380	1,718	75	73	72	70	66
Surry	306,227	2,236	137	126	119	116	111
Tri-County	121,460	306	397	316	277	262	214
Vance-Granville	231,982	2,040	114	107	107	97	90
Wake	1,042,462	10,910	96	88	81	76	67
Wayne	226,205	1,628	139	130	133	87	84
Western Piedmont	211,078	1,078	196	227	227	202	280
Wilkes	277,801	1,284	216	184	178	163	107
Wilson	142,919	596	240	234	175	169	149
<b>Subtotal</b>	<b>16,403,148</b>	<b>122,090</b>	<b>134</b>	<b>126</b>	<b>121</b>	<b>114</b>	<b>106</b>
<b>Grand Total</b>	<b>39,610,756</b>	<b>331,236</b>	<b>120</b>	<b>118</b>	<b>117</b>	<b>115</b>	<b>111</b>

\*Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

\*\*Agricultural programs at N.C. A&T require a significant amount of academic space. The 2018 figures for these programs are: ASF: 366,095; FTE: 1,040; ASF per FTE: 325. Figures for all other campus programs are: ASF: 1,549,357; FTE: 11,346; ASF per FTE: 137.

\*\*\*High school enrollment is excluded from this table, resulting in a significant understatement of the total utilization of academic facilities at UNCSEA.

**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).

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.

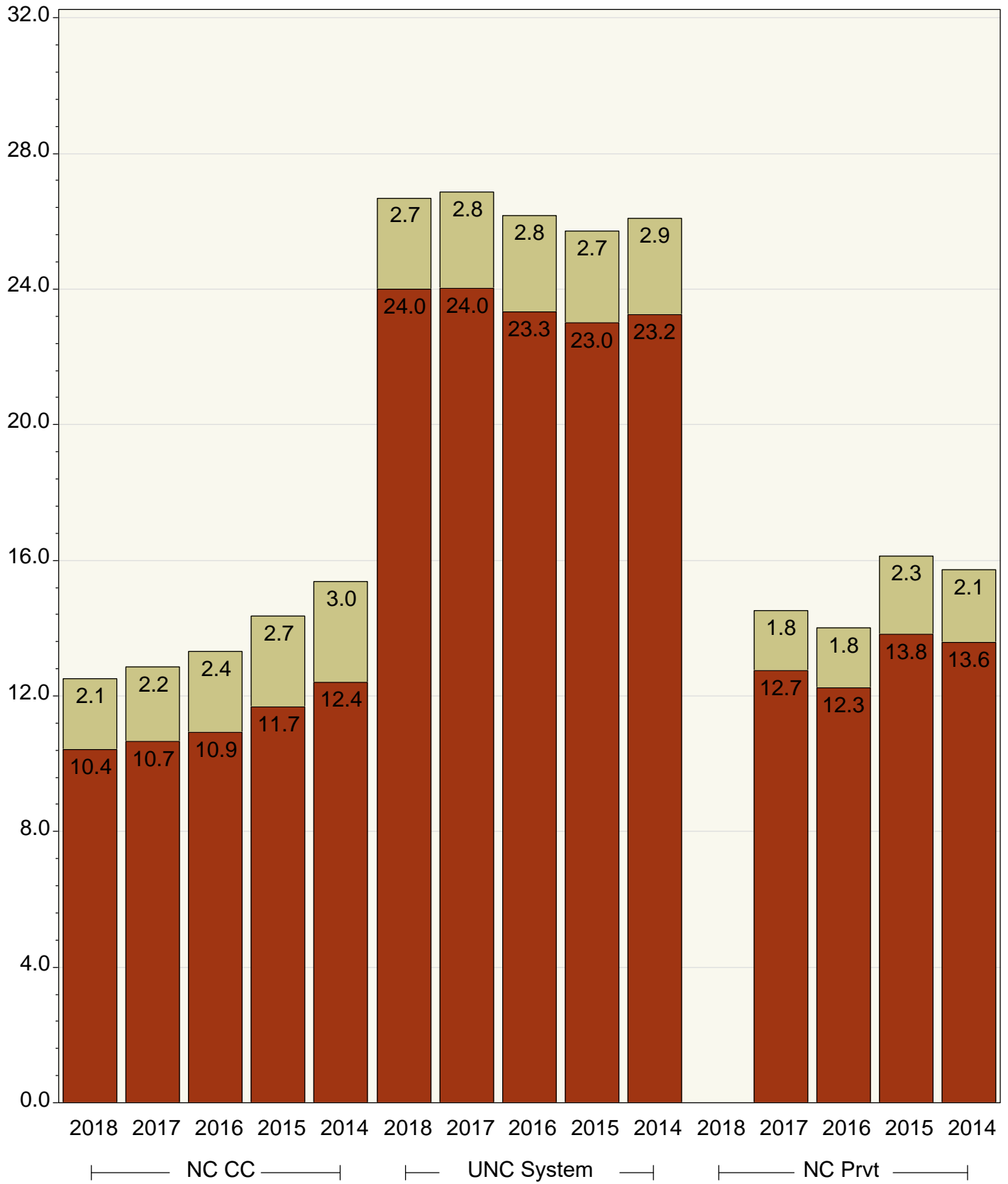
For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility that could be used for teaching the lecture portion of any course. If a room is used for regularly 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 taken into account 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 System standard is 35 hours of instruction in classrooms per week, but institutions in North Carolina and in many other states average significantly fewer hours.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

# Average Weekly Room Hours of Instruction In Classrooms



**Table 3.****Average Weekly Room Hours of Instruction in Classrooms**

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2018	2017	2016	2015	2014
Public Institutions								
Research Universities I								
NC State	7,210.5	29.2	2.0	31.2	31.1	31.2	30.8	30.3
UNC-Chapel Hill	7,727.0	26.0	1.6	27.6	27.7	27.4	27.2	27.3
Subtotal	14,937.5	27.4	1.8	29.2	29.3	29.1	28.9	28.6
Doctoral Universities I & II								
East Carolina	5,055.5	25.6	1.6	27.2	27.7	27.5	26.1	27.0
N.C. A&T	3,856.0	21.9	3.5	25.4	24.4	23.1	22.6	24.9
UNC Charlotte	7,334.0	25.1	5.7	30.8	34.3	32.4	31.2	30.5
UNC Greensboro	4,642.5	27.9	3.7	31.6	30.5	29.3	28.0	28.2
Subtotal	20,888.0	25.1	3.8	28.9	29.6	28.6	27.4	27.9
Master's (Comprehensive) Universities & Colleges I								
Appalachian	6,158.0	25.3	1.9	27.2	28.7	29.3	28.9	30.2
Fayetteville	1,597.5	21.2	4.1	25.3	25.6	24.4	25.0	28.5
NCCU	2,523.5	14.5	2.1	16.6	16.8	16.5	16.1	17.6
UNC Pembroke	2,444.0	20.1	2.7	22.8	22.2	22.9	22.1	23.3
UNC Wilmington	4,476.0	29.1	3.1	32.2	31.1	26.6	27.0	26.8
Western Carolina	3,489.0	29.7	2.6	32.3	30.9	30.3	29.2	28.9
Winston-Salem	1,805.5	20.0	2.6	22.6	22.2	22.1	23.2	22.2
Subtotal	22,493.5	23.1	2.5	25.6	25.6	25.0	24.8	25.6
Baccalaureate (Liberal Arts) Universities & Colleges I & II								
Elizabeth City	827.0	8.9	1.3	10.2	11.3	8.6	8.4	8.1
UNC Asheville	1,645.0	25.2	3.1	28.3	25.6	27.4	28.1	28.0
Subtotal	2,472.0	15.7	2.1	17.8	17.8	16.5	16.7	16.0
Schools of Art, Music, & Design								
UNC School of the Arts	498.0	10.2	0.2	10.4	10.8	10.7	11.6	10.6
Subtotal	498.0	10.2	0.2	10.4	10.8	10.7	11.6	10.6
Community Colleges								
Alamance	1,389.0	10.7	2.5	13.2	13.6	10.6	17.1	16.6
Asheville-Buncombe	1,858.5	13.2	2.7	15.9	10.6	10.5	12.1	14.8
Beaufort Co.	510.5	9.0	1.0	10.0	8.0	9.5	9.5	12.1
Bladen	308.0	9.0	0.9	9.9	11.0	12.3	14.0	12.5
Blue Ridge	1,001.0	7.5	1.4	8.9	9.0	12.9	14.0	14.7
Brunswick	1,303.5	14.0	1.9	15.9	17.9	17.4	17.1	15.4
Caldwell	1,178.0	9.2	1.3	10.5	12.0	12.1	12.4	11.0
Cape Fear	2,662.0	12.8	3.5	16.3	17.7	20.0	20.5	23.1
Carteret	854.5	9.9	4.1	14.0	12.3	13.4	13.0	11.7
Catawba Valley	1,233.0	9.5	1.8	11.3	12.2	11.5	11.7	13.5
Central Carolina	1,907.0	8.7	1.5	10.2	11.2	11.4	11.3	12.2
Central Piedmont	5,358.5	10.4	2.9	13.3	14.9	14.0	17.4	16.1
Cleveland	809.0	10.9	2.2	13.1	14.1	14.0	14.0	14.5
Coastal Carolina	1,796.5	14.5	2.8	17.3	18.8	17.6	19.3	18.3
Coll. of Albemarle	669.5	9.6	1.6	11.2	9.0	7.2	9.4	8.9
Craven	1,270.0	11.9	3.8	15.7	15.9	15.6	15.1	14.9
Davidson County	1,103.5	9.1	1.2	10.3	12.2	12.2	13.5	13.9
Durham	1,560.5	10.3	2.5	12.8	15.5	14.1	15.8	15.3
Edgecombe	615.0	6.4	1.8	8.2	11.0	12.1	14.7	16.1
Fayetteville	3,400.0	12.8	2.5	15.3	14.3	14.1	15.2	15.7

**Table 3.****Average Weekly Room Hours of Instruction in Classrooms**

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2018	2017	2016	2015	2014
Forsyth	2,458.5	9.8	2.0	11.8	11.2	12.5	15.1	14.8
Gaston	1,042.5	6.3	1.6	7.9	11.4	13.8	13.2	11.3
Guilford	2,774.5	7.9	1.4	9.3	9.2	10.2	11.2	16.1
Halifax	327.5	7.2	1.0	8.2	8.0	9.2	10.8	14.7
Haywood	353.0	10.9	0.5	11.4	12.3	13.4	13.9	13.4
Isothermal	335.5	4.9	0.5	5.4	5.9	6.9	7.2	7.9
James Sprunt	445.5	10.2	0.4	10.6	10.4	12.0	12.2	14.7
Johnston	1,274.0	13.9	2.2	16.1	14.5	13.1	12.7	12.7
Lenoir	1,312.5	10.9	1.7	12.6	11.1	11.6	13.8	15.1
Martin	237.0	6.6	2.9	9.5	10.0	9.5	6.9	10.7
Mayland	314.0	5.8	1.0	6.8	9.0	9.3	10.6	12.4
McDowell	570.5	10.2	1.9	12.1	10.1	9.7	11.5	12.4
Mitchell	1,255.5	10.7	2.5	13.2	10.6	13.1	13.5	13.2
Montgomery	371.5	13.1	4.6	17.7	20.9	15.0	17.2	16.7
Nash	1,005.0	9.6	2.1	11.7	13.5	14.4	14.1	18.6
Pamlico	169.0	9.5	2.6	12.1	8.7	7.3	10.0	12.0
Piedmont	323.0	5.5	1.2	6.7	8.9	9.1	11.4	13.9
Pitt	2,080.0	17.0	3.2	20.2	21.5	24.4	25.8	27.3
Randolph	1,029.5	8.6	1.9	10.5	9.7	12.3	12.2	11.3
Richmond	768.0	11.5	2.0	13.5	14.9	14.9	14.4	17.9
Roanoke-Chowan	271.0	7.4	1.9	9.3	12.5	14.0	13.6	12.1
Robeson	859.0	15.1	2.8	17.9	19.1	16.6	17.2	19.1
Rockingham	481.5	10.0	1.2	11.2	15.0	15.5	15.3	16.4
Rowan-Cabarrus	2,237.0	11.9	3.4	15.3	13.9	16.6	15.8	23.9
Sampson	565.5	11.2	3.0	14.2	16.5	15.3	16.5	17.5
Sandhills	1,576.5	10.5	1.9	12.4	12.3	12.9	13.5	13.9
South Piedmont	699.0	9.4	1.8	11.2	11.8	12.7	14.2	14.3
Southeastern	445.0	6.6	1.4	8.0	6.1	7.9	8.1	9.8
Southwestern	728.0	12.0	1.0	13.0	13.0	13.3	15.9	19.0
Stanly	451.5	8.0	0.8	8.8	7.9	8.6	7.5	8.9
Surry	1,530.0	10.9	1.2	12.1	13.6	14.5	14.7	14.4
Tri-County	327.0	4.3	1.4	5.7	7.1	8.6	9.7	11.6
Vance-Granville	747.0	10.6	0.9	11.5	12.5	14.4	17.7	18.9
Wake	5,007.0	14.0	2.9	16.9	16.3	16.8	18.6	22.3
Wayne	1,009.0	14.8	2.6	17.4	18.6	18.5	17.2	19.0
Western Piedmont	788.0	10.6	1.5	12.1	13.1	12.9	13.8	12.8
Wilkes	1,211.0	10.6	1.1	11.7	12.7	11.7	12.1	15.6
Wilson	510.5	6.5	1.8	8.3	8.8	11.2	10.1	10.8
<b>Subtotal</b>	<b>68,677.5</b>	<b>10.4</b>	<b>2.1</b>	<b>12.5</b>	<b>12.9</b>	<b>13.3</b>	<b>14.4</b>	<b>15.4</b>
<b>NC Private Universities</b>								
Barton	-	-	-	-	13.5	15.3	16.0	15.8
Campbell	-	-	-	-	18.6	17.3	19.6	18.7
Mars Hill	-	-	-	-	12.1	11.1	14.9	14.1
Pfeiffer	-	-	-	-	11.1	11.4	11.1	12.2
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14.5</b>	<b>14.0</b>	<b>16.1</b>	<b>15.7</b>
<b>Grand Total</b>	<b>129,966.5</b>	<b>14.4</b>	<b>2.3</b>	<b>16.7</b>	<b>16.9</b>	<b>17.0</b>	<b>17.8</b>	<b>18.5</b>

**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).

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 20.

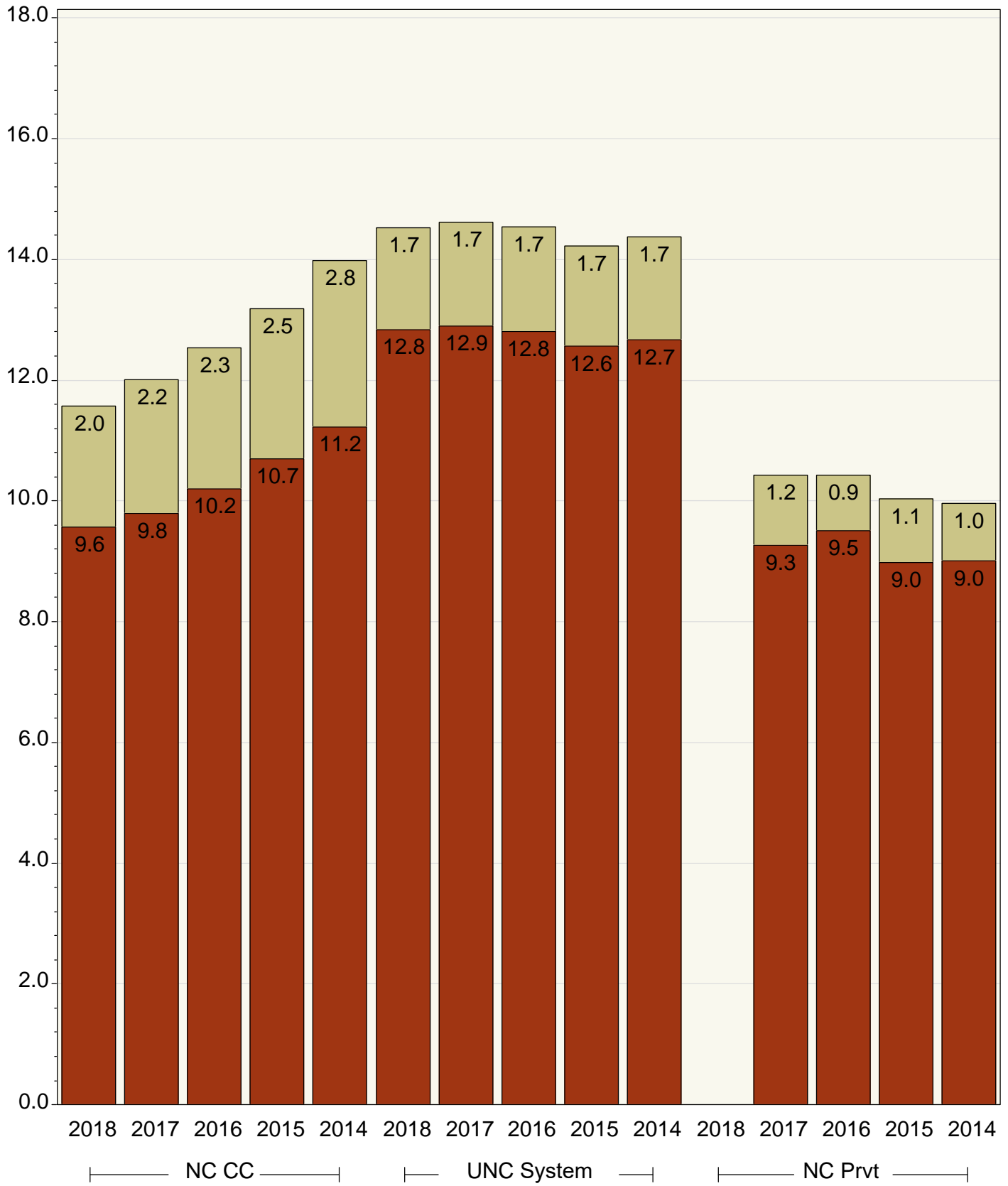
For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes that have no special-purpose equipment (i.e., classrooms) and also 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 System standard for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System approach this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

# Average Weekly Room Hours of Instruction In Laboratories



Day Night

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2018	2017	2016	2015	2014
Public Institutions								
Research Universities I								
NC State	3,131.0	11.5	1.2	12.7	13.4	13.6	13.3	12.7
UNC-Chapel Hill	1,015.0	8.3	1.0	9.3	9.4	9.9	11.2	11.7
Subtotal	4,146.0	10.6	1.2	11.8	12.2	12.5	12.7	12.5
Doctoral Universities I & II								
East Carolina	2,605.0	13.5	1.7	15.2	15.4	14.6	12.9	14.9
N.C. A&T	1,281.0	11.2	1.8	13.0	13.2	14.6	14.1	14.4
UNC Charlotte	2,303.5	17.4	3.3	20.7	18.9	17.3	19.0	16.8
UNC Greensboro	1,562.5	15.4	2.1	17.5	18.3	20.5	19.0	18.9
Subtotal	7,752.0	14.3	2.2	16.5	16.4	16.4	15.7	16.0
Master's (Comprehensive) Universities & Colleges I								
Appalachian	2,895.5	18.8	1.7	20.5	21.8	21.9	21.5	23.2
Fayetteville	548.5	13.4	2.3	15.7	12.1	11.7	12.6	11.2
NCCU	548.5	7.5	1.0	8.5	8.9	10.4	8.7	8.6
UNC Pembroke	537.5	16.5	0.9	17.4	14.8	16.4	17.6	17.5
UNC Wilmington	1,551.0	15.5	1.5	17.0	18.0	17.8	16.9	17.0
Western Carolina	1,489.0	15.6	2.1	17.7	17.0	16.6	15.0	14.9
Winston-Salem	536.0	9.3	0.8	10.1	9.2	9.1	11.3	10.7
Subtotal	8,106.0	14.7	1.5	16.2	15.9	16.1	15.7	15.8
Baccalaureate (Liberal Arts) Universities & Colleges I & II								
Elizabeth City	418.5	5.4	1.3	6.7	6.1	4.6	4.6	6.2
UNC Asheville	424.5	9.4	2.4	11.8	14.7	12.6	14.6	15.1
Subtotal	843.0	6.8	1.7	8.5	8.4	6.8	7.1	8.5
Schools of Art, Music, & Design								
UNC School of the Arts	940.0	9.9	2.4	12.3	13.2	12.7	11.9	11.6
Subtotal	940.0	9.9	2.4	12.3	13.2	12.7	11.9	11.6
Community Colleges								
Alamance	604.0	7.3	1.6	8.9	8.9	14.5	15.5	16.7
Asheville-Buncombe	1,527.5	10.4	2.1	12.5	10.7	10.6	15.6	15.8
Beaufort Co.	275.5	6.6	1.5	8.1	7.1	8.8	9.7	10.4
Bladen	432.5	13.9	3.4	17.3	15.9	18.0	16.6	17.7
Blue Ridge	591.0	7.3	1.8	9.1	11.0	12.7	11.9	12.8
Brunswick	320.5	15.1	2.7	17.8	18.6	16.8	19.5	19.4
Caldwell	667.0	8.0	2.1	10.1	9.4	11.1	9.1	8.6
Cape Fear	2,178.5	13.2	2.4	15.6	16.2	20.4	20.8	23.8
Carteret	334.0	6.0	1.8	7.8	8.9	9.4	9.5	10.0
Catawba Valley	1,006.0	8.7	1.6	10.3	11.8	11.1	12.0	13.7
Central Carolina	1,021.0	7.3	1.2	8.5	9.9	10.7	10.0	8.5
Central Piedmont	1,813.0	7.7	2.1	9.8	11.5	12.2	14.9	14.6
Cleveland	603.5	7.0	2.4	9.4	10.9	10.3	11.0	11.0
Coastal Carolina	1,253.5	20.4	1.9	22.3	23.3	20.5	19.7	22.5
Coll. of Albemarle	628.0	9.3	1.5	10.8	7.5	7.3	7.5	7.8
Craven	613.5	10.7	3.9	14.6	14.3	12.1	14.7	14.9
Davidson County	600.0	8.3	1.2	9.5	9.3	9.7	10.7	10.7
Durham	865.5	8.0	2.3	10.3	12.1	12.1	10.6	11.7
Edgecombe	589.5	7.4	2.0	9.4	10.7	11.6	13.4	14.4
Fayetteville	2,177.5	11.2	2.2	13.4	11.3	13.4	14.9	13.4



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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2018	2017	2016	2015	2014
Forsyth	1,568.0	9.0	1.7	10.7	11.1	11.5	13.2	16.1
Gaston	700.0	7.7	1.5	9.2	9.6	12.1	11.6	11.4
Guilford	1,306.5	6.1	1.0	7.1	6.5	7.4	6.7	10.0
Halifax	250.0	9.2	0.4	9.6	11.4	12.8	12.3	13.0
Haywood	755.5	9.6	1.6	11.2	12.1	11.2	13.4	12.7
Isothermal	399.0	7.1	1.7	8.8	8.9	7.8	9.8	10.0
James Sprunt	353.5	11.0	2.6	13.6	15.1	14.8	12.9	14.8
Johnston	473.5	8.4	2.1	10.5	11.1	10.3	9.9	10.4
Lenoir	792.5	9.4	2.1	11.5	9.8	9.8	10.8	12.2
Martin	343.0	11.3	2.4	13.7	15.9	15.1	8.9	15.4
Mayland	210.0	7.5	1.7	9.2	8.5	6.1	8.9	8.0
McDowell	403.0	11.4	4.8	16.2	16.4	14.5	17.0	16.1
Mitchell	627.0	11.9	4.6	16.5	13.4	13.3	11.5	10.9
Montgomery	401.0	14.6	5.4	20.0	18.8	19.3	21.0	22.4
Nash	495.5	8.3	2.9	11.2	11.7	14.3	11.2	16.7
Pamlico	160.0	8.0	1.4	9.4	12.5	12.2	10.0	13.2
Piedmont	283.5	8.4	1.8	10.2	13.3	13.4	16.0	17.8
Pitt	1,500.5	11.1	1.9	13.0	13.4	14.6	16.1	15.6
Randolph	504.5	6.9	2.5	9.4	10.1	9.5	10.0	8.8
Richmond	627.0	13.2	2.9	16.1	15.9	16.6	16.2	15.4
Roanoke-Chowan	333.0	12.2	2.9	15.1	13.1	12.5	16.0	16.0
Robeson	599.5	13.5	1.5	15.0	16.2	16.2	15.7	18.9
Rockingham	350.0	6.8	1.3	8.1	10.7	9.4	7.7	10.8
Rowan-Cabarrus	556.0	10.6	2.0	12.6	13.6	14.7	18.4	19.7
Sampson	255.0	9.8	1.3	11.1	13.4	12.3	13.3	12.5
Sandhills	534.0	8.6	0.4	9.0	9.2	8.9	10.5	9.8
South Piedmont	213.0	4.9	0.9	5.8	9.3	10.1	12.1	14.8
Southeastern	357.5	9.5	1.7	11.2	10.2	10.5	12.4	11.1
Southwestern	517.5	9.4	1.1	10.5	12.1	12.4	11.7	13.7
Stanly	305.5	12.1	1.8	13.9	14.7	13.3	4.8	11.6
Surry	636.0	11.0	1.7	12.7	13.7	13.9	13.2	13.2
Tri-County	287.0	7.8	2.1	9.9	13.2	12.7	15.3	13.2
Vance-Granville	808.5	9.9	2.3	12.2	13.9	14.7	14.6	17.8
Wake	3,629.0	12.4	3.0	15.4	16.1	16.9	17.8	18.7
Wayne	782.0	11.5	2.5	14.0	17.2	14.5	15.4	14.4
Western Piedmont	474.5	9.7	2.2	11.9	10.6	11.3	12.6	13.3
Wilkes	492.5	10.5	0.7	11.2	13.4	13.2	15.1	15.0
Wilson	410.0	9.3	2.7	12.0	13.3	16.8	16.9	18.3
<b>Subtotal</b>	<b>41,795.5</b>	<b>9.6</b>	<b>2.0</b>	<b>11.6</b>	<b>12.0</b>	<b>12.5</b>	<b>13.2</b>	<b>14.0</b>
<b>NC Private Universities</b>								
Barton	-	-	-	-	11.2	13.6	8.2	10.4
Campbell	-	-	-	-	13.5	12.0	14.3	13.0
Mars Hill	-	-	-	-	8.9	9.1	9.5	9.4
Pfeiffer	-	-	-	-	-	-	5.6	5.6
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10.5</b>	<b>10.4</b>	<b>10.1</b>	<b>10.0</b>
<b>Grand Total</b>	<b>63,582.5</b>	<b>10.5</b>	<b>1.9</b>	<b>12.4</b>	<b>12.8</b>	<b>13.0</b>	<b>13.4</b>	<b>14.0</b>

**TABLE 5:**

**AVERAGE WEEKLY USE OF STUDENT STATIONS  
IN CLASSROOMS**

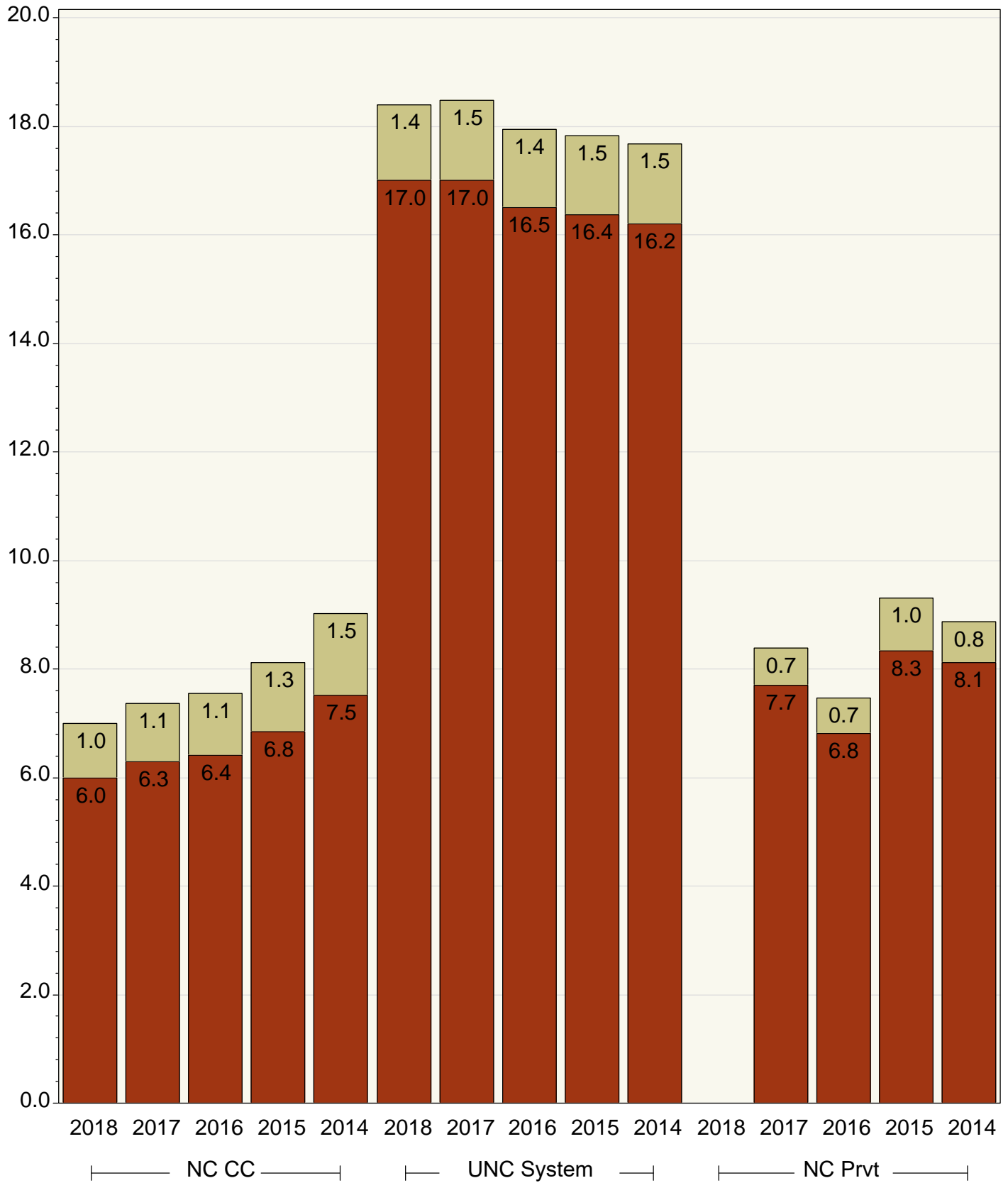
Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student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

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 20 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 norm that has been frequently cited is 22.75 hours per week. This figure is based on the assumption 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). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

# Average Weekly Room Use of Student Stations In Classrooms



Day Night

**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				
					2018	2017	2016	2015	2014
Public Institutions									
Research Universities I									
NC State	14,367	298,774	19.8	1.0	20.8	19.9	19.6	19.9	19.9
UNC-Chapel Hill	14,628	272,810	17.8	0.8	18.6	18.6	18.4	18.6	18.7
Subtotal	28,995	571,584	18.8	0.9	19.7	19.2	19.0	19.3	19.2
Doctoral Universities I & II									
East Carolina	9,640	209,314	20.7	1.0	21.7	22.8	22.3	20.4	19.0
N.C. A&T	6,997	108,163	13.8	1.6	15.4	14.8	14.1	14.1	14.4
UNC Charlotte	13,307	294,111	18.8	3.3	22.1	24.4	22.2	22.4	21.5
UNC Greensboro	8,644	160,779	17.0	1.6	18.6	18.4	18.3	17.9	17.9
Subtotal	38,588	772,367	18.0	2.1	20.1	20.8	20.0	19.4	18.7
Master's (Comprehensive) Universities & Colleges I									
Appalachian	9,503	183,398	18.3	1.0	19.3	21.0	21.0	20.8	22.2
Fayetteville	2,521	37,071	13.3	1.5	14.8	14.0	14.9	15.1	16.5
NCCU	6,397	61,557	8.6	1.0	9.6	10.2	10.0	10.1	10.1
UNC Pembroke	3,662	53,218	13.5	1.0	14.5	13.8	14.4	14.4	14.3
UNC Wilmington	5,969	132,221	20.5	1.7	22.2	21.4	18.3	18.4	18.4
Western Carolina	4,548	101,801	21.0	1.3	22.3	21.0	21.0	20.2	20.2
Winston-Salem	3,289	45,186	12.7	1.0	13.7	13.3	13.2	12.5	11.5
Subtotal	35,889	614,450	15.9	1.2	17.1	17.2	16.8	16.7	16.9
Baccalaureate (Liberal Arts) Universities & Colleges I & II									
Elizabeth City	2,998	15,405	4.8	0.3	5.1	4.2	3.5	3.9	4.0
UNC Asheville	1,995	36,344	16.4	1.8	18.2	16.0	16.1	17.5	17.1
Subtotal	4,993	51,749	9.4	0.9	10.3	9.4	8.7	9.5	9.1
Schools of Art, Music, & Design									
UNC School of the Arts	1,147	6,782	5.9	0.0	5.9	6.1	6.4	6.8	6.2
Subtotal	1,147	6,782	5.9	0.0	5.9	6.1	6.4	6.8	6.2
Community Colleges									
Alamance	3,221	23,780	6.1	1.3	7.4	7.9	6.1	9.4	9.8
Asheville-Buncombe	3,571	31,348	7.5	1.3	8.8	6.0	6.3	7.6	9.2
Beaufort Co.	2,103	8,465	3.7	0.3	4.0	3.3	2.9	3.4	4.7
Bladen	799	3,672	4.3	0.3	4.6	5.7	7.8	6.8	7.8
Blue Ridge	2,715	11,198	3.6	0.6	4.2	4.9	6.0	5.7	6.3
Brunswick	2,069	16,107	7.1	0.7	7.8	10.2	9.1	9.1	7.2
Caldwell	3,297	19,354	5.5	0.4	5.9	6.6	7.0	6.4	6.2
Cape Fear	5,003	46,944	7.7	1.7	9.4	10.7	11.5	12.4	13.9
Carteret	1,452	10,057	5.2	1.8	7.0	6.4	7.1	6.8	6.5
Catawba Valley	3,212	19,706	5.3	0.8	6.1	7.1	7.2	7.1	8.7
Central Carolina	5,396	27,002	4.4	0.6	5.0	5.9	5.9	6.7	7.8
Central Piedmont	12,016	118,691	7.9	2.0	9.9	11.1	10.3	12.2	11.5
Cleveland	1,931	10,313	4.8	0.5	5.3	5.7	5.4	4.9	5.5
Coastal Carolina	3,060	27,323	7.8	1.1	8.9	10.4	10.0	11.0	10.5
Coll. of Albemarle	1,513	9,556	5.4	0.9	6.3	5.9	4.9	5.7	6.0
Craven	1,896	17,977	7.5	2.0	9.5	11.1	10.3	10.1	10.6
Davidson County	3,348	20,243	5.6	0.5	6.1	7.2	7.4	7.6	8.7
Durham	3,455	32,184	7.5	1.8	9.3	10.8	9.8	9.6	9.5
Edgecombe	1,886	6,035	2.6	0.6	3.2	5.3	4.8	6.9	8.7
Fayetteville	9,199	57,019	5.3	0.9	6.2	5.7	5.8	6.5	6.9

**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				
					2018	2017	2016	2015	2014
Forsyth	5,999	45,359	6.4	1.1	7.5	7.7	8.4	9.3	9.2
Gaston	4,287	20,216	4.1	0.7	4.8	7.3	7.9	7.3	6.7
Guilford	8,835	59,398	5.8	0.9	6.7	6.2	7.5	8.0	12.6
Halifax	1,136	4,031	3.1	0.4	3.5	4.0	4.5	5.7	7.2
Haywood	756	4,255	5.4	0.2	5.6	7.0	5.8	6.3	6.8
Isothermal	2,008	5,461	2.5	0.2	2.7	2.9	3.2	4.2	3.4
James Sprunt	1,038	5,733	5.4	0.1	5.5	5.7	6.3	6.5	6.0
Johnston	2,565	22,784	7.8	1.0	8.8	8.6	7.8	7.5	7.5
Lenoir	2,900	16,422	5.1	0.6	5.7	5.0	5.5	6.7	7.7
Martin	685	2,484	2.9	0.7	3.6	3.2	3.1	2.1	4.7
Mayland	1,184	3,935	2.8	0.5	3.3	3.8	4.0	4.6	6.1
McDowell	1,361	6,073	3.8	0.6	4.4	3.7	3.7	4.0	4.2
Mitchell	2,800	18,970	5.8	0.9	6.7	6.2	7.0	7.7	8.2
Montgomery	601	4,596	6.3	1.4	7.7	8.6	6.2	6.3	6.9
Nash	2,599	14,640	4.8	0.9	5.7	6.7	7.2	7.3	9.8
Pamlico	303	1,082	2.8	0.8	3.6	3.2	3.5	3.7	4.3
Piedmont	1,227	3,204	2.2	0.4	2.6	3.9	4.7	5.8	6.9
Pitt	3,521	35,791	9.1	1.1	10.2	11.7	13.2	14.9	16.4
Randolph	2,722	16,300	5.1	0.9	6.0	5.8	7.2	7.6	7.4
Richmond	1,933	11,378	5.2	0.7	5.9	6.4	6.6	7.5	8.4
Roanoke-Chowan	754	2,494	2.9	0.4	3.3	5.3	5.1	4.9	8.3
Robeson	1,363	13,799	8.6	1.5	10.1	11.2	10.6	11.6	11.7
Rockingham	1,363	8,205	5.7	0.3	6.0	8.4	7.5	8.0	9.3
Rowan-Cabarrus	4,005	34,387	7.0	1.5	8.5	8.0	9.1	8.4	12.9
Sampson	1,293	9,974	6.3	1.4	7.7	8.4	8.0	9.1	9.7
Sandhills	4,153	28,015	6.0	0.7	6.7	6.9	7.0	7.1	7.9
South Piedmont	1,558	12,902	6.9	1.4	8.3	8.1	7.7	8.3	9.3
Southeastern	2,103	6,418	2.7	0.4	3.1	3.2	3.0	3.7	3.7
Southwestern	1,384	10,270	6.9	0.5	7.4	7.5	7.5	10.1	11.1
Stanly	1,213	6,479	4.9	0.5	5.4	2.8	3.2	3.0	3.7
Surry	3,668	22,633	5.6	0.6	6.2	6.8	7.9	8.2	9.5
Tri-County	1,413	3,082	1.7	0.5	2.2	2.6	2.9	3.4	5.8
Vance-Granville	2,019	10,541	4.9	0.3	5.2	5.8	7.2	8.2	9.3
Wake	10,436	119,746	9.8	1.7	11.5	11.0	11.5	12.3	14.3
Wayne	1,840	17,390	8.4	1.0	9.4	10.9	10.1	9.6	10.9
Western Piedmont	2,202	9,996	4.1	0.4	4.5	5.4	5.4	5.4	5.5
Wilkes	3,264	16,999	5.0	0.2	5.2	5.5	5.3	5.6	7.4
Wilson	2,102	7,389	3.0	0.5	3.5	4.1	4.7	4.2	4.7
<b>Subtotal</b>	<b>165,735</b>	<b>1,159,789</b>	<b>6.0</b>	<b>1.0</b>	<b>7.0</b>	<b>7.4</b>	<b>7.5</b>	<b>8.1</b>	<b>9.0</b>
<b>NC Private Universities</b>									
Barton	-	-	-	-	-	5.1	7.0	6.7	6.6
Campbell	-	-	-	-	-	10.5	8.6	11.4	10.5
Mars Hill	-	-	-	-	-	6.7	6.4	8.6	8.5
Pfeiffer	-	-	-	-	-	6.7	5.4	6.0	6.2
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8.4</b>	<b>7.4</b>	<b>9.3</b>	<b>8.9</b>
<b>Grand Total</b>	<b>275,347</b>	<b>3,176,719</b>	<b>10.4</b>	<b>1.2</b>	<b>11.6</b>	<b>11.7</b>	<b>11.5</b>	<b>11.9</b>	<b>12.4</b>

**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.

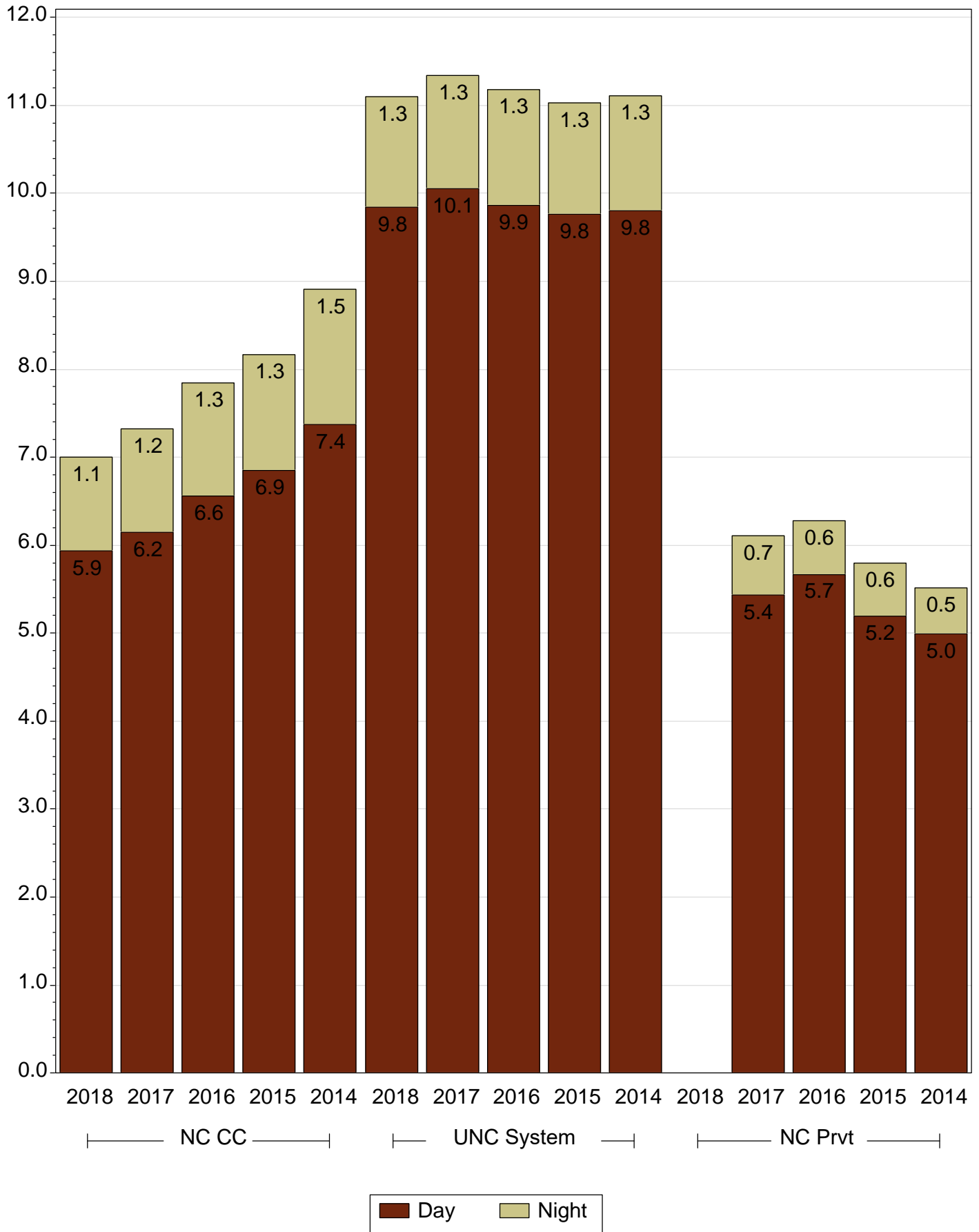
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for a discussion of what the term class laboratory includes and page 20 for precise definitions of daytime and nighttime 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 norm that has been frequently cited is 15 hours. This figure is based on the assumption 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). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

**AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =**

**TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES**  
**TOTAL STUDENT STATIONS IN CLASS LABORATORIES**

# Average Weekly Room Use of Student Stations In Laboratories



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

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2018	2017	2016	2015	2014
Public Institutions									
Research Universities I									
NC State	6,544	68,833	9.6	0.9	10.5	11.1	11.1	11.4	11.3
UNC-Chapel Hill	2,826	19,263	5.7	1.1	6.8	6.6	6.8	7.6	8.1
<b>Subtotal</b>	<b>9,370</b>	<b>88,096</b>	<b>8.4</b>	<b>1.0</b>	<b>9.4</b>	<b>9.7</b>	<b>9.8</b>	<b>10.2</b>	<b>10.3</b>
Doctoral Universities I & II									
East Carolina	4,580	52,921	10.2	1.4	11.6	11.4	11.3	10.2	10.4
N.C. A&T	2,370	26,379	9.8	1.3	11.1	11.0	11.2	11.4	11.4
UNC Charlotte	3,331	48,360	12.4	2.2	14.6	13.7	12.3	13.8	12.5
UNC Greensboro	3,600	32,093	7.9	1.0	8.9	13.1	12.8	11.8	13.0
<b>Subtotal</b>	<b>13,881</b>	<b>159,753</b>	<b>10.1</b>	<b>1.5</b>	<b>11.6</b>	<b>12.3</b>	<b>11.9</b>	<b>11.7</b>	<b>11.7</b>
Master's (Comprehensive) Universities & Colleges I									
Appalachian	3,143	55,138	16.0	1.5	17.5	18.2	18.3	17.8	19.0
Fayetteville	990	10,844	9.2	1.7	10.9	8.5	9.0	9.2	8.5
NCCU	1,387	11,688	7.5	0.9	8.4	8.7	10.9	8.6	8.1
UNC Pembroke	689	9,853	13.4	0.9	14.3	11.6	13.8	13.3	12.9
UNC Wilmington	2,125	30,029	13.1	1.0	14.1	15.8	13.7	13.1	13.0
Western Carolina	2,237	31,066	12.2	1.7	13.9	13.6	13.8	12.0	12.0
Winston-Salem	1,209	10,168	8.1	0.3	8.4	7.0	7.0	7.4	7.7
<b>Subtotal</b>	<b>11,780</b>	<b>158,786</b>	<b>12.2</b>	<b>1.2</b>	<b>13.4</b>	<b>13.2</b>	<b>13.2</b>	<b>12.5</b>	<b>12.5</b>
Baccalaureate (Liberal Arts) Universities & Colleges I & II									
Elizabeth City	1,413	5,524	3.1	0.8	3.9	3.6	2.7	3.3	4.1
UNC Asheville	730	7,417	8.3	1.9	10.2	11.5	10.1	10.1	10.2
<b>Subtotal</b>	<b>2,143</b>	<b>12,940</b>	<b>4.9</b>	<b>1.1</b>	<b>6.0</b>	<b>5.8</b>	<b>4.7</b>	<b>5.1</b>	<b>5.8</b>
Schools of Art, Music, & Design									
UNC School of the Arts	1,938	14,279	5.9	1.5	7.4	7.4	7.4	8.1	8.2
<b>Subtotal</b>	<b>1,938</b>	<b>14,279</b>	<b>5.9</b>	<b>1.5</b>	<b>7.4</b>	<b>7.4</b>	<b>7.4</b>	<b>8.1</b>	<b>8.2</b>
Community Colleges									
Alamance	1,749	8,561	4.2	0.7	4.9	4.8	8.7	9.5	10.0
Asheville-Buncombe	3,147	23,694	6.3	1.2	7.5	6.3	6.7	9.3	9.2
Beaufort Co.	1,146	3,140	2.2	0.5	2.7	2.3	2.0	2.3	3.9
Bladen	566	5,766	8.9	1.2	10.1	9.3	11.4	8.3	10.3
Blue Ridge	1,284	7,104	4.6	0.9	5.5	5.6	6.3	5.3	6.0
Brunswick	449	4,097	7.8	1.3	9.1	10.0	9.8	11.4	13.3
Caldwell	1,503	10,091	5.7	1.0	6.7	6.1	7.1	6.5	5.5
Cape Fear	3,420	31,117	7.8	1.3	9.1	9.6	12.2	12.7	15.4
Carteret	1,014	4,033	3.2	0.8	4.0	5.2	6.0	5.5	6.5
Catawba Valley	2,091	13,880	5.8	0.8	6.6	7.6	7.4	7.9	8.9
Central Carolina	2,631	12,220	4.2	0.5	4.7	6.0	6.4	6.1	5.8
Central Piedmont	4,340	33,137	6.1	1.5	7.6	8.4	9.2	10.5	9.8
Cleveland	1,435	7,977	4.6	0.9	5.5	5.3	5.7	5.6	6.5
Coastal Carolina	1,430	18,705	12.3	0.8	13.1	13.0	12.4	11.8	14.9
Coll. of Albemarle	1,006	7,606	6.5	1.0	7.5	6.4	4.7	4.9	5.1
Craven	1,082	7,475	5.4	1.5	6.9	7.6	6.5	7.5	7.7
Davidson County	1,651	10,376	5.8	0.5	6.3	6.0	6.2	6.8	6.7
Durham	1,735	13,141	5.8	1.8	7.6	8.4	8.2	6.9	8.0
Edgecombe	1,327	5,305	3.2	0.8	4.0	5.5	5.3	7.4	8.1
Fayetteville	4,024	32,107	6.7	1.2	7.9	7.5	8.3	8.9	8.5



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

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2018	2017	2016	2015	2014
Forsyth	3,300	23,855	6.2	1.0	7.2	7.7	7.9	8.9	10.9
Gaston	1,693	9,673	5.0	0.7	5.7	6.9	6.9	6.4	6.8
Guilford	4,014	24,550	5.2	0.9	6.1	4.9	6.1	6.7	10.1
Halifax	571	2,318	3.8	0.3	4.1	6.0	9.2	8.9	7.2
Haywood	1,298	8,869	6.1	0.7	6.8	7.4	6.9	7.3	7.6
Isothermal	979	5,773	5.2	0.7	5.9	6.0	5.4	7.2	7.4
James Sprunt	383	4,135	8.4	2.4	10.8	11.3	13.1	10.4	7.1
Johnston	1,107	7,730	5.7	1.3	7.0	6.9	6.2	5.3	5.9
Lenoir	1,718	9,638	5.0	0.7	5.7	4.5	4.4	5.6	6.3
Martin	596	3,801	5.7	0.7	6.4	7.2	8.5	3.1	8.1
Mayland	454	2,546	4.8	0.8	5.6	6.0	4.2	5.6	5.6
McDowell	693	3,730	3.8	1.6	5.4	5.9	6.5	7.9	7.0
Mitchell	927	6,323	5.0	1.9	6.9	7.9	7.7	7.3	7.3
Montgomery	352	3,887	8.2	2.8	11.0	10.3	9.2	10.2	10.0
Nash	904	5,259	4.7	1.1	5.8	5.7	7.3	5.6	10.0
Pamlico	314	892	2.5	0.4	2.9	4.1	4.9	3.9	3.3
Piedmont	772	3,480	3.9	0.6	4.5	5.9	5.6	7.1	7.8
Pitt	2,133	20,946	8.3	1.5	9.8	10.1	12.3	13.5	13.0
Randolph	1,333	6,339	3.6	1.1	4.7	5.2	5.4	5.8	5.9
Richmond	878	7,633	7.5	1.2	8.7	8.0	9.9	9.6	9.5
Roanoke-Chowan	451	2,235	4.3	0.7	5.0	5.9	5.5	6.4	8.5
Robeson	906	8,282	8.3	0.9	9.2	11.3	10.7	11.5	13.4
Rockingham	848	4,456	4.4	0.8	5.2	6.7	5.0	4.4	6.4
Rowan-Cabarrus	909	6,998	6.5	1.2	7.7	8.7	8.3	11.0	12.2
Sampson	516	3,270	5.8	0.5	6.3	7.8	7.6	8.6	9.8
Sandhills	1,284	7,343	5.4	0.3	5.7	6.4	6.1	6.4	7.2
South Piedmont	878	3,294	3.4	0.4	3.8	5.4	5.8	6.9	8.5
Southeastern	854	4,384	4.4	0.7	5.1	5.0	4.8	5.0	4.8
Southwestern	815	5,533	6.0	0.8	6.8	8.4	9.5	9.7	10.4
Stanly	731	3,098	3.7	0.5	4.2	4.2	4.5	1.3	3.6
Surry	1,282	8,522	6.0	0.7	6.7	7.5	7.5	7.4	8.7
Tri-County	587	2,847	3.6	1.3	4.9	6.2	6.8	8.3	8.5
Vance-Granville	1,777	11,055	5.5	0.7	6.2	6.9	7.4	7.0	8.3
Wake	5,148	61,113	9.7	2.1	11.8	12.5	13.9	14.5	15.2
Wayne	1,495	10,993	6.3	1.1	7.4	9.3	8.6	9.7	9.0
Western Piedmont	872	6,107	6.0	1.0	7.0	7.1	7.4	7.7	8.2
Wilkes	1,144	5,875	4.9	0.2	5.1	5.9	6.0	5.8	6.2
Wilson	920	4,238	3.5	1.1	4.6	4.6	7.4	7.3	8.9
<b>Subtotal</b>	<b>82,866</b>	<b>580,540</b>	<b>5.9</b>	<b>1.1</b>	<b>7.0</b>	<b>7.3</b>	<b>7.9</b>	<b>8.1</b>	<b>8.9</b>
<b>NC Private Universities</b>									
Barton	-	-	-	-	-	8.2	12.2	5.9	7.2
Campbell	-	-	-	-	-	6.5	5.5	6.1	5.3
Mars Hill	-	-	-	-	-	4.5	4.9	5.4	5.1
Pfeiffer	-	-	-	-	-	-	-	5.5	5.0
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6.1</b>	<b>6.3</b>	<b>5.8</b>	<b>5.5</b>
<b>Grand Total</b>	<b>121,978</b>	<b>1,014,392</b>	<b>7.2</b>	<b>1.1</b>	<b>8.3</b>	<b>8.5</b>	<b>8.9</b>	<b>9.0</b>	<b>9.5</b>

**TABLE 7:**

**PERCENT STUDENT STATION UTILIZATION,  
CLASSROOMS AND 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 classrooms (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 is 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 to capacity (i.e., if the number of students equaled the number of stations) each time a course met in the room.

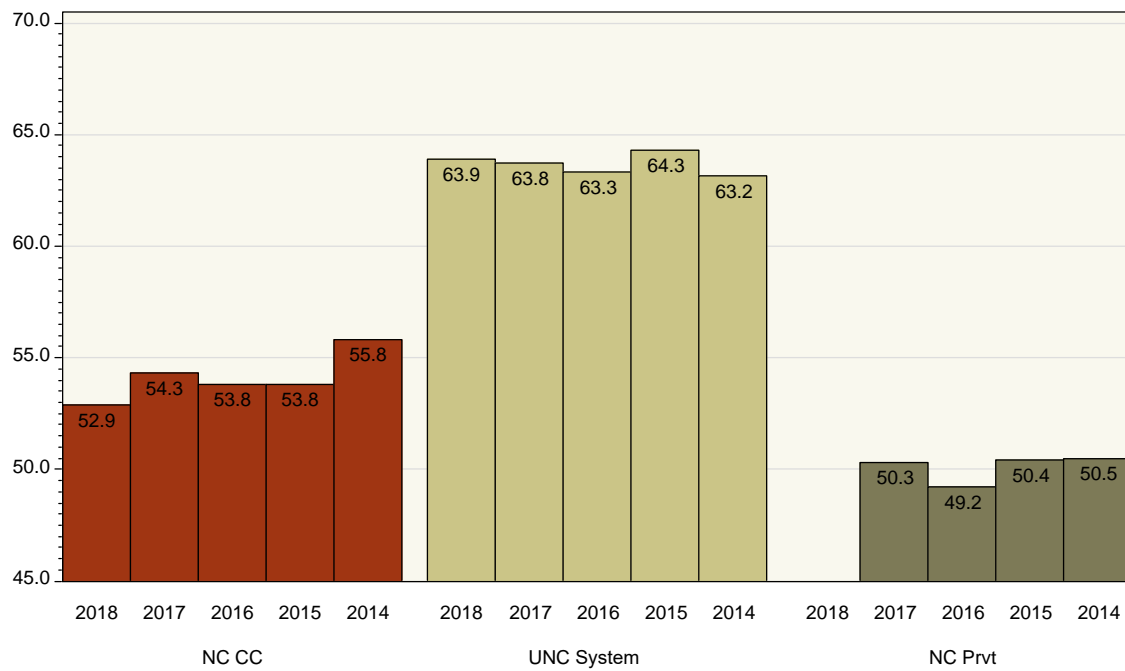
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. Therefore, this figure is a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the overall efficiency of utilization since it does not take into account how frequently a room is used. Percent student station utilization may also be referred to as the Station Occupancy Rate (SOR).

The University of North Carolina System 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 to capacity when they are in use. Data for University of North Carolina System institutions indicate that the percent student station utilization of labs at most campuses are generally higher than classrooms. For both types of rooms, the average percentage for all N.C. institutions approaches 60%.

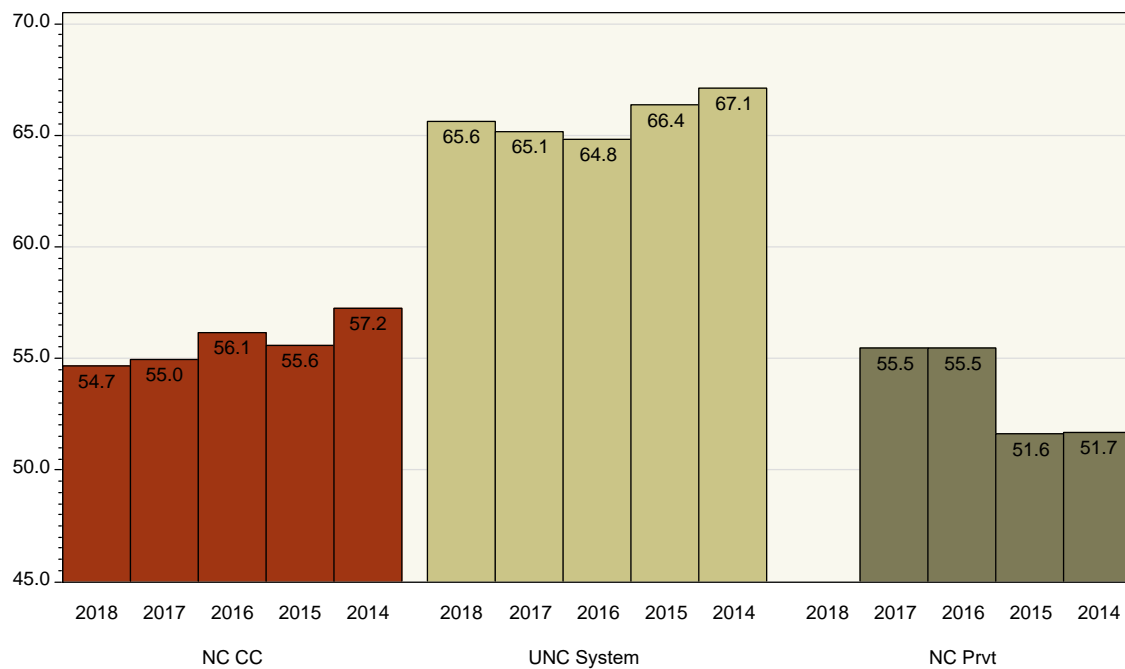
$$\begin{aligned} &\text{PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS)} \\ &= \\ &\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}} \end{aligned}$$

# Percent of Student Station Utilization Classrooms and Class Laboratories

## In Classrooms



## In Laboratories



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

Institution	Classrooms					Laboratories				
	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
<b>Public Institutions</b>										
<b>Research Universities I</b>										
NC State	64.7	63.3	62.7	63.8	65.2	75.5	73.8	71.6	75.9	77.7
UNC-Chapel Hill	66.9	65.5	64.6	66.7	64.9	50.1	51.2	49.6	52.5	57.7
<b>Subtotal</b>	<b>65.7</b>	<b>64.3</b>	<b>63.6</b>	<b>65.1</b>	<b>65.1</b>	<b>67.9</b>	<b>67.5</b>	<b>65.4</b>	<b>68.8</b>	<b>71.7</b>
<b>Doctoral Universities I &amp; II</b>										
East Carolina	70.7	72.6	72.3	70.0	64.3	62.0	59.5	62.7	62.1	56.6
N.C. A&T	54.7	55.3	54.2	56.9	56.0	73.6	71.6	70.6	73.8	72.8
UNC Charlotte	67.1	66.5	65.1	67.8	65.9	65.2	60.9	62.4	64.6	67.0
UNC Greensboro	62.0	61.6	63.3	64.4	64.3	54.2	61.5	52.7	58.2	68.4
<b>Subtotal</b>	<b>64.9</b>	<b>65.3</b>	<b>65.0</b>	<b>66.0</b>	<b>63.6</b>	<b>62.7</b>	<b>62.1</b>	<b>61.2</b>	<b>63.7</b>	<b>64.6</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>										
Appalachian	67.6	69.3	67.6	68.4	69.5	78.2	77.4	76.8	77.0	76.5
Fayetteville	54.9	52.5	57.5	57.2	55.6	63.6	61.2	65.6	65.3	63.7
NCCU	49.4	51.1	51.4	53.7	51.9	82.9	82.8	83.9	80.5	66.7
UNC Pembroke	61.4	59.5	59.7	62.3	59.2	72.8	66.9	74.7	68.0	65.4
UNC Wilmington	63.1	65.4	63.7	64.4	63.3	70.4	75.7	72.1	70.7	69.6
Western Carolina	67.0	66.8	67.1	67.6	68.0	63.0	63.7	65.4	62.7	63.9
Winston-Salem	58.5	57.9	57.3	50.1	48.3	61.6	57.7	58.7	46.5	53.3
<b>Subtotal</b>	<b>62.1</b>	<b>62.8</b>	<b>62.4</b>	<b>62.7</b>	<b>62.1</b>	<b>71.0</b>	<b>71.2</b>	<b>71.9</b>	<b>69.0</b>	<b>68.3</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>										
Elizabeth City	41.2	35.3	38.3	40.6	41.8	40.9	38.4	43.2	52.2	48.3
UNC Asheville	63.3	60.4	57.5	60.3	59.8	66.5	66.0	60.0	59.3	60.0
<b>Subtotal</b>	<b>54.6</b>	<b>51.2</b>	<b>51.4</b>	<b>54.0</b>	<b>53.6</b>	<b>52.4</b>	<b>50.1</b>	<b>51.3</b>	<b>55.7</b>	<b>53.2</b>
<b>Schools of Art, Music, &amp; Design</b>										
UNC School of the Arts	50.5	50.7	53.2	56.3	53.4	49.6	48.0	48.1	61.6	65.4
<b>Subtotal</b>	<b>50.5</b>	<b>50.7</b>	<b>53.2</b>	<b>56.3</b>	<b>53.4</b>	<b>49.6</b>	<b>48.0</b>	<b>48.1</b>	<b>61.6</b>	<b>65.4</b>
<b>Community Colleges</b>										
Alamance	49.3	50.6	45.6	48.4	51.4	53.1	51.5	54.4	55.2	53.8
Asheville-Buncombe	54.4	59.8	62.6	63.3	65.5	52.1	47.0	51.1	51.9	49.9
Beaufort Co.	39.6	39.4	30.9	32.5	35.6	29.3	27.7	21.6	23.3	35.2
Bladen	41.4	46.4	55.8	44.7	56.9	54.3	56.6	60.9	47.7	54.8
Blue Ridge	46.2	51.3	46.0	41.1	42.3	49.8	42.3	44.1	41.6	43.5
Brunswick	48.7	54.1	51.5	48.9	50.2	50.2	53.8	56.9	57.7	67.6
Caldwell	53.3	53.3	56.2	51.6	57.0	57.9	55.5	54.7	56.9	53.6
Cape Fear	56.3	59.7	57.3	58.5	58.8	56.6	57.7	57.5	58.2	62.8
Carteret	44.1	50.7	48.0	46.7	48.6	45.8	51.3	55.6	52.6	53.6
Catawba Valley	52.3	55.8	59.2	57.9	61.9	60.6	62.4	64.6	62.5	61.1
Central Carolina	46.2	50.4	49.3	54.5	57.8	47.3	53.6	52.5	54.2	62.3
Central Piedmont	70.0	70.9	69.2	68.1	69.1	73.3	70.4	69.9	68.6	62.3
Cleveland	41.6	40.8	38.8	35.1	38.7	48.9	42.1	42.9	39.6	45.2
Coastal Carolina	47.5	51.4	53.1	54.4	55.1	54.9	52.3	58.2	57.5	64.1
Coll. of Albemarle	59.1	64.4	59.5	56.1	59.2	66.7	71.6	63.6	55.5	56.2
Craven	58.2	67.2	63.0	63.2	65.8	48.7	53.3	53.8	51.4	51.5
Davidson County	51.0	51.0	49.8	49.5	54.6	59.1	54.7	56.5	56.4	53.9
Durham	61.2	63.4	59.5	55.0	54.7	61.3	60.1	58.9	54.6	56.3
Edgecombe	37.5	42.2	35.6	44.5	48.9	35.7	44.0	38.2	45.5	46.1
Fayetteville	41.1	39.7	40.0	41.4	42.1	56.3	62.5	58.3	57.1	61.1
Forsyth	59.3	62.2	62.0	57.0	57.3	57.8	61.6	60.2	62.0	63.7
Gaston	56.0	62.4	57.3	57.0	59.9	60.3	68.5	53.8	53.5	57.2

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

Institution	Classrooms					Laboratories				
	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
Guilford	64.5	61.3	66.8	63.2	73.9	65.0	56.2	62.7	69.6	76.9
Halifax	43.5	45.1	44.8	45.9	44.0	33.0	43.6	61.9	63.8	44.7
Haywood	46.1	49.6	47.3	45.4	53.1	51.2	50.9	52.6	45.3	49.7
Isothermal	42.4	42.1	43.1	51.4	39.5	61.2	61.5	63.8	60.0	60.0
James Sprunt	47.6	51.0	48.9	51.7	36.8	65.5	60.8	73.0	67.4	43.6
Johnston	51.2	52.9	53.6	51.6	52.8	57.9	58.9	56.6	51.9	53.1
Lenoir	46.2	45.6	49.7	49.0	52.3	40.7	39.7	39.9	45.4	46.1
Martin	34.7	34.4	39.3	32.9	43.3	42.4	38.5	48.6	30.9	44.6
Mayland	56.7	43.0	44.1	43.5	49.7	52.5	58.0	60.0	54.5	56.9
McDowell	36.2	35.6	33.3	34.6	32.8	31.6	34.7	42.0	41.7	39.4
Mitchell	47.3	54.0	50.0	52.2	56.9	40.7	58.5	56.9	59.2	61.0
Montgomery	43.7	44.1	45.9	38.2	43.1	55.6	57.0	55.3	53.4	48.4
Nash	45.4	46.8	47.2	51.3	49.1	45.2	42.9	46.3	42.8	57.9
Pamlico	28.1	33.2	47.3	33.6	34.3	27.4	32.7	37.6	35.6	26.6
Piedmont	32.9	36.7	44.2	43.9	43.8	37.2	40.0	38.4	38.6	40.9
Pitt	49.0	53.8	52.1	56.7	59.4	65.5	65.9	69.5	69.2	69.3
Randolph	52.1	49.9	52.2	52.9	55.6	44.2	44.8	48.4	52.5	61.8
Richmond	41.3	40.5	43.4	46.7	41.8	51.5	49.8	56.3	54.7	55.6
Roanoke-Chowan	33.7	41.2	37.5	35.6	64.8	31.7	43.6	38.8	35.2	51.5
Robeson	56.6	57.9	64.1	66.4	60.2	60.6	70.6	65.3	71.7	70.3
Rockingham	50.9	53.0	48.5	48.4	53.4	55.1	56.1	43.3	45.0	48.9
Rowan-Cabarrus	55.1	57.9	53.1	53.6	54.5	62.3	63.1	55.1	55.9	58.5
Sampson	54.2	50.3	55.4	57.1	58.5	55.2	55.4	58.4	62.3	76.8
Sandhills	50.7	53.3	51.7	50.5	53.3	52.2	60.5	58.9	53.9	63.3
South Piedmont	66.7	64.4	56.5	55.0	59.2	62.0	56.1	53.4	53.2	51.1
Southeastern	35.8	47.3	35.9	38.7	36.9	47.0	44.0	41.9	37.9	39.4
Southwestern	54.8	55.8	54.3	62.6	56.4	53.1	60.6	65.9	69.7	64.1
Stanly	60.6	36.9	37.4	43.2	39.6	29.6	28.3	34.5	17.7	25.6
Surry	49.4	49.4	52.7	54.1	67.0	48.7	50.3	50.7	52.1	67.6
Tri-County	38.7	33.4	34.1	33.9	46.9	43.3	41.2	47.8	48.3	55.5
Vance-Granville	43.8	44.8	48.9	47.1	48.5	49.2	47.3	49.7	45.9	45.4
Wake	66.2	64.9	65.6	65.3	64.5	70.1	66.2	70.2	71.2	71.7
Wayne	50.1	55.3	51.4	52.0	53.3	48.0	49.0	53.9	57.6	52.1
Western Piedmont	37.5	44.0	42.1	39.9	43.9	55.5	61.4	60.8	54.4	55.8
Wilkes	42.3	41.6	42.9	42.2	45.5	44.3	42.6	43.0	37.0	38.8
Wilson	42.5	47.0	44.7	44.5	48.4	38.2	34.3	41.0	40.2	45.9
<b>Subtotal</b>	<b>52.9</b>	<b>54.3</b>	<b>53.8</b>	<b>53.8</b>	<b>55.8</b>	<b>54.7</b>	<b>55.0</b>	<b>56.1</b>	<b>55.6</b>	<b>57.2</b>
<b>NC Private Universities</b>										
Barton	-	35.3	40.9	39.3	38.4	-	66.0	73.7	62.1	56.8
Campbell	-	53.0	51.2	53.1	53.5	-	57.2	48.4	47.8	48.9
Mars Hill	-	53.4	57.0	53.6	54.1	-	39.2	46.2	44.5	44.0
Pfeiffer	-	48.5	41.8	46.6	47.2	-	71.3	70.1	79.1	79.5
<b>Subtotal</b>	<b>-</b>	<b>50.3</b>	<b>49.2</b>	<b>50.4</b>	<b>50.5</b>	<b>-</b>	<b>55.5</b>	<b>55.5</b>	<b>51.6</b>	<b>51.7</b>
<b>Grand Total</b>	<b>59.4</b>	<b>59.5</b>	<b>59.0</b>	<b>59.3</b>	<b>59.5</b>	<b>58.9</b>	<b>58.8</b>	<b>59.3</b>	<b>59.2</b>	<b>60.4</b>

This Page Intentionally Left Blank

**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 24. 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 pp. 91-92.

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. As a result, the number of student clock hours generated per FTE student varies by type of institution:

<b>INSTITUTIONAL GROUP</b>	<b>STUDENT CLOCK HR./FTE</b>
<b>By Control:</b>	
University of North Carolina System	13
Community/Technical Colleges	15
<b>By Level:</b>	
Major Research Universities	13
Other Baccalaureate-Granting Institutions	13
Two-year Institutions	15
<b>All North Carolina Institutions</b>	<b>14</b>

**Table 8. Student Clock Hours of Instruction**

Institution	2018			2017			2016		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
<b>Public Institutions</b>									
<b>Research Universities I</b>									
NC State	298,774.0	68,833.0	24,844.0	286,311.5	72,083.5	17,520.0	281,459.0	71,897.0	20,442.0
UNC-Chapel Hill	272,809.5	19,262.5	9,342.0	270,605.5	19,444.5	9,715.5	268,749.0	19,769.0	9,893.0
<b>Subtotal</b>	<b>571,583.5</b>	<b>88,095.5</b>	<b>34,186.0</b>	<b>556,917.0</b>	<b>91,528.0</b>	<b>27,235.5</b>	<b>550,208.0</b>	<b>91,666.0</b>	<b>30,335.0</b>
<b>Doctoral Universities I &amp; II</b>									
East Carolina	209,314.0	52,921.0	16,752.5	225,004.0	50,544.0	15,153.5	223,449.5	50,094.5	14,872.0
N.C. A&T	108,162.5	26,379.0	19,441.0	102,405.5	25,991.0	21,959.0	95,950.0	23,769.0	20,235.5
UNC Charlotte	294,111.0	48,360.0	7,458.5	296,532.0	52,646.5	4,985.5	297,993.0	48,090.5	5,645.0
UNC Greensboro	160,779.0	32,092.5	14,199.0	162,234.5	31,783.0	11,197.0	160,505.5	32,685.5	10,085.5
<b>Subtotal</b>	<b>772,366.5</b>	<b>159,752.5</b>	<b>57,851.0</b>	<b>786,176.0</b>	<b>160,964.5</b>	<b>53,295.0</b>	<b>777,898.0</b>	<b>154,639.5</b>	<b>50,838.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>									
Appalachian	183,397.5	55,138.0	31,280.0	183,664.0	52,735.0	28,074.5	179,735.5	52,795.5	29,365.5
Fayetteville	37,070.5	10,843.5	3,302.0	36,716.0	12,093.0	3,285.5	38,826.0	12,700.0	4,837.0
NCCU	61,556.5	11,688.0	14,278.0	65,240.5	12,101.5	13,184.5	63,607.5	15,142.0	14,514.5
UNC Pembroke	53,218.0	9,853.0	2,573.5	50,482.5	7,984.0	2,352.0	52,586.0	9,472.0	2,460.5
UNC Wilmington	132,221.0	30,029.0	9,219.5	140,676.0	34,574.0	5,756.5	145,812.0	33,218.0	2,874.5
Western Carolina	101,800.5	31,066.0	11,381.0	96,702.0	29,618.0	13,325.5	97,245.5	28,660.0	11,214.0
Winston-Salem	45,185.5	10,168.0	8,238.0	43,457.0	8,488.0	9,624.0	43,383.5	8,485.0	9,835.5
<b>Subtotal</b>	<b>614,449.5</b>	<b>158,785.5</b>	<b>80,272.0</b>	<b>616,938.0</b>	<b>157,593.5</b>	<b>75,602.5</b>	<b>621,196.0</b>	<b>160,472.5</b>	<b>75,101.5</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>									
Elizabeth City	15,405.0	5,523.5	472.5	12,819.0	5,272.5	553.5	11,497.5	4,564.0	800.5
UNC Asheville	36,343.5	7,416.5	8,649.0	37,479.0	6,626.0	9,107.0	37,025.0	5,883.5	10,027.0
<b>Subtotal</b>	<b>51,748.5</b>	<b>12,940.0</b>	<b>9,121.5</b>	<b>50,298.0</b>	<b>11,898.5</b>	<b>9,660.5</b>	<b>48,522.5</b>	<b>10,447.5</b>	<b>10,827.5</b>
<b>Schools of Art, Music, &amp; Design</b>									
UNC School of the Arts	6,782.0	14,278.5	10,810.0	7,069.5	14,178.5	10,468.5	7,187.0	13,995.0	10,846.0
<b>Subtotal</b>	<b>6,782.0</b>	<b>14,278.5</b>	<b>10,810.0</b>	<b>7,069.5</b>	<b>14,178.5</b>	<b>10,468.5</b>	<b>7,187.0</b>	<b>13,995.0</b>	<b>10,846.0</b>
<b>Community Colleges</b>									
Alamance	23,779.5	8,560.5	62.0	25,237.0	8,388.0	162.0	18,892.0	11,558.5	114.0
Asheville-Buncombe	31,348.0	23,694.0	1,315.0	21,319.5	20,140.5	898.0	26,860.0	23,970.0	1,147.5
Beaufort Co.	8,465.0	3,139.5	444.0	7,020.0	2,580.5	631.0	6,982.5	2,515.5	868.5
Bladen	3,671.5	5,766.0	336.5	5,031.0	5,903.0	204.0	7,553.5	7,262.0	131.0
Blue Ridge	11,198.0	7,103.5	1,716.5	12,932.5	7,181.0	967.0	13,055.0	8,096.5	2,280.5
Brunswick	16,107.0	4,097.0	753.0	21,126.0	3,742.0	652.0	18,842.0	3,640.5	741.0
Caldwell	19,354.0	10,091.0	1,443.0	21,547.5	8,989.5	1,882.5	23,182.0	10,464.0	1,033.0
Cape Fear	46,943.5	31,116.5	4,927.5	52,366.0	32,449.5	5,149.0	51,828.5	37,123.5	5,710.5
Carteret	10,056.5	4,032.5	680.0	9,668.5	5,304.0	449.5	10,569.0	6,147.0	436.5
Catawba Valley	19,706.0	13,880.0	3,487.0	21,809.0	15,359.5	2,103.0	20,759.5	14,333.0	2,295.0
Central Carolina	27,002.0	12,220.0	985.0	29,584.0	13,841.0	2,415.5	29,592.5	15,241.0	1,447.0
Central Piedmont	118,690.5	33,137.0	3,646.0	131,915.0	36,826.5	5,477.5	134,213.5	41,537.5	6,162.0
Cleveland	10,312.5	7,977.0	2,512.0	10,941.0	7,873.0	357.0	10,476.0	8,032.0	111.0
Coastal Carolina	27,322.5	18,705.0	1,915.5	31,469.5	18,412.0	704.0	30,724.5	17,539.5	809.0
Coll. of Albemarle	9,555.5	7,605.5	1,180.5	8,859.5	6,250.0	605.5	8,568.0	5,855.5	1,215.5
Craven	17,977.0	7,475.0	1,235.0	21,701.5	8,161.5	878.5	19,855.0	7,050.0	832.0
Davidson County	20,242.5	10,376.0	544.0	21,384.5	9,117.0	990.5	21,831.0	9,377.0	435.0
Durham	32,183.5	13,140.5	661.0	35,066.5	14,022.5	454.5	32,370.0	13,859.0	340.0
Edgecombe	6,035.0	5,305.0	1,099.0	9,989.5	7,403.0	1,261.5	9,050.5	7,009.0	3,428.0
Fayetteville	57,019.0	32,106.5	6,998.5	56,398.0	32,981.5	3,858.0	55,455.5	34,604.5	3,505.0
Forsyth	45,359.0	23,855.0	2,542.0	46,306.0	25,329.0	778.5	52,161.0	25,710.0	2,591.5
Gaston	20,216.0	9,672.5	1,366.5	31,038.0	11,694.0	2,470.5	36,534.5	11,905.5	4,478.5



**Table 8. Student Clock Hours of Instruction**

Institution	2018			2017			2016		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Guilford	59,397.5	24,549.5	4,060.0	53,819.0	19,660.5	3,245.0	65,217.5	23,861.5	4,250.0
Halifax	4,031.0	2,317.5	1,060.0	5,180.0	3,497.0	968.0	5,925.0	5,376.0	1,215.5
Haywood	4,254.5	8,868.5	701.5	5,565.5	9,131.5	1,339.5	6,876.0	7,869.0	985.0
Isothermal	5,460.5	5,772.5	675.0	5,762.0	5,820.5	1,376.0	6,672.0	5,397.0	1,637.5
James Sprunt	5,732.5	4,134.5	1,667.0	5,858.0	4,146.0	2,013.5	6,461.5	4,732.0	1,514.0
Johnston	22,783.5	7,729.5	6,504.0	27,085.0	7,787.0	1,858.5	28,249.5	7,370.0	5,768.0
Lenoir	16,422.0	9,637.5	4,281.0	13,880.5	7,776.0	3,382.0	15,534.0	7,429.5	2,362.0
Martin	2,484.0	3,801.0	4,459.0	2,327.0	4,133.5	5,016.0	2,295.5	4,890.5	4,176.5
Mayland	3,934.5	2,546.0	437.0	4,664.0	2,717.5	494.5	4,917.0	1,931.0	521.0
McDowell	6,072.5	3,729.5	1,027.5	5,103.5	4,081.5	1,097.0	4,636.5	4,930.5	1,274.0
Mitchell	18,970.0	6,322.5	3,541.0	17,542.0	7,328.5	2,401.0	19,642.5	6,795.0	4,580.5
Montgomery	4,596.0	3,887.0	243.0	5,607.0	3,510.0	637.0	5,202.5	3,525.0	157.0
Nash	14,640.0	5,259.0	2,561.0	18,260.5	5,358.5	3,751.5	19,636.0	6,734.0	3,294.0
Pamlico	1,082.0	892.0	308.0	954.5	1,300.0	140.0	1,057.0	1,543.0	324.0
Piedmont	3,203.5	3,479.5	643.5	5,088.0	4,546.0	1,338.0	6,128.0	4,381.5	2,902.5
Pitt	35,790.5	20,946.0	1,190.5	38,949.5	21,276.5	2,966.5	41,828.5	21,855.0	3,266.0
Randolph	16,299.5	6,338.5	737.0	15,916.0	6,819.0	847.0	19,286.0	6,344.0	692.0
Richmond	11,377.5	7,632.5	66.0	10,799.0	7,092.5	497.5	10,911.5	8,703.5	322.0
Roanoke-Chowan	2,493.5	2,235.0	1,033.0	4,114.5	2,653.5	537.0	4,034.0	2,496.5	397.5
Robeson	13,799.0	8,282.0	80.0	15,292.5	10,139.5	426.5	13,502.5	12,097.5	-
Rockingham	8,204.5	4,456.0	1,109.0	11,097.0	5,779.0	2,108.0	9,925.5	4,352.5	1,203.0
Rowan-Cabarrus	34,386.5	6,998.0	4,016.0	31,546.5	8,686.5	1,712.0	37,991.5	8,781.5	2,342.5
Sampson	9,973.5	3,270.0	308.0	9,891.5	3,912.5	905.0	11,033.5	4,467.0	1,406.0
Sandhills	28,015.0	7,343.0	646.0	28,481.5	8,185.0	1,201.5	28,741.5	7,806.5	1,278.5
South Piedmont	12,901.5	3,293.5	1,122.0	12,539.0	4,750.5	1,089.0	12,147.0	4,999.0	1,291.0
Southeastern	6,417.5	4,384.0	848.0	6,915.5	4,253.0	2,637.0	6,444.0	4,049.5	2,725.5
Southwestern	10,269.5	5,533.0	1,368.0	10,378.0	6,594.0	1,686.5	10,400.5	7,411.0	1,720.0
Stanly	6,479.0	3,098.0	879.0	5,215.0	3,583.5	1,256.0	5,825.5	3,606.5	108.0
Surry	22,632.5	8,522.0	2,855.0	24,036.5	9,193.0	4,217.0	27,534.5	9,366.5	6,320.0
Tri-County	3,082.0	2,847.0	1,494.0	3,417.5	3,646.0	717.0	3,891.0	4,031.5	213.5
Vance-Granville	10,540.5	11,055.0	1,466.5	11,585.0	12,092.5	1,903.0	14,495.5	13,182.5	2,527.0
Wake	119,745.5	61,112.5	5,720.0	108,825.5	60,907.5	6,072.0	112,690.0	64,571.0	4,820.5
Wayne	17,390.0	10,993.0	604.0	20,199.0	13,906.5	293.0	17,766.5	13,451.5	857.5
Western Piedmont	9,996.0	6,107.0	2,678.0	11,736.5	6,644.5	2,830.0	10,988.0	7,010.5	2,300.0
Wilkes	16,998.5	5,874.5	1,193.0	17,659.0	6,708.5	846.5	17,448.0	6,866.0	1,044.5
Wilson	7,389.0	4,237.5	1,236.0	8,557.5	4,243.0	1,020.0	8,846.0	5,153.0	4,102.0
<b>Subtotal</b>	<b>1,159,789.0</b>	<b>580,539.5</b>	<b>102,667.0</b>	<b>1,216,558.5</b>	<b>603,809.0</b>	<b>98,175.0</b>	<b>1,263,537.5</b>	<b>640,199.0</b>	<b>114,010.5</b>
<b>NC Private Universities</b>									
Barton	-	-	-	8,575.0	3,938.0	796.0	11,727.0	5,754.5	830.0
Campbell	-	-	-	58,197.5	9,299.0	7,340.5	48,100.0	7,812.0	6,277.0
Mars Hill	-	-	-	15,845.5	3,407.5	2,372.5	15,179.5	3,669.0	1,856.5
Pfeiffer	-	-	-	8,343.5	2,269.0	740.0	8,762.5	2,199.5	582.0
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>90,961.5</b>	<b>18,913.5</b>	<b>11,249.0</b>	<b>83,769.0</b>	<b>19,435.0</b>	<b>9,545.5</b>
<b>Grand Total</b>	<b>3,176,719.0</b>	<b>1,014,391.5</b>	<b>294,907.5</b>	<b>3,324,918.5</b>	<b>1,058,885.5</b>	<b>285,686.0</b>	<b>3,352,318.0</b>	<b>1,090,854.5</b>	<b>301,504.0</b>

## 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:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

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.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

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 norms 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 North Carolina institutions. The current average can be calculated by using the state averages for the three required indices from Tables 3, 7, and 16:

$$\text{Classroom Space Factor} = \frac{23}{16.7 \times .594} = 2.32$$

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 (See Table 11) classify class laboratories into four categories, based on discipline requirements, and assign a space factor (and other criteria) for each:

**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.

**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.

**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.

**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.

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					Teaching Areas				
	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
<b>Public Institutions</b>															
<b>Research Universities I</b>															
NC State	0.83	0.87	0.88	0.87	0.86	3.88	3.73	3.71	3.61	3.62	1.40	1.45	1.46	1.44	1.43
UNC-Chapel Hill	0.94	0.94	0.95	0.94	0.93	4.97	5.01	4.81	4.30	4.02	1.21	1.22	1.21	1.20	1.19
<b>Subtotal</b>	<b>0.89</b>	<b>0.91</b>	<b>0.91</b>	<b>0.90</b>	<b>0.90</b>	<b>4.12</b>	<b>4.01</b>	<b>3.95</b>	<b>3.77</b>	<b>3.72</b>	<b>1.32</b>	<b>1.34</b>	<b>1.35</b>	<b>1.33</b>	<b>1.32</b>
<b>Doctoral Universities I &amp; II</b>															
East Carolina	0.81	0.77	0.78	0.86	0.91	3.11	3.19	3.20	3.72	3.60	1.27	1.21	1.23	1.36	1.38
N.C. A&T	1.27	1.33	1.42	1.42	1.35	3.61	3.66	3.52	3.46	3.49	1.73	1.80	1.84	1.83	1.76
UNC Charlotte	0.82	0.77	0.81	0.80	0.82	2.60	2.98	3.20	2.83	3.09	1.07	1.10	1.14	1.07	1.17
UNC Greensboro	0.92	0.92	0.93	0.95	0.94	4.22	3.67	3.75	4.08	3.66	1.47	1.37	1.41	1.46	1.37
<b>Subtotal</b>	<b>0.90</b>	<b>0.87</b>	<b>0.90</b>	<b>0.93</b>	<b>0.95</b>	<b>3.26</b>	<b>3.29</b>	<b>3.37</b>	<b>3.47</b>	<b>3.42</b>	<b>1.31</b>	<b>1.28</b>	<b>1.31</b>	<b>1.33</b>	<b>1.36</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>															
Appalachian	1.04	0.94	0.94	0.94	0.88	2.53	2.40	2.39	2.45	2.34	1.38	1.27	1.27	1.28	1.20
Fayetteville	1.37	1.46	1.36	1.34	1.23	3.38	4.32	4.11	4.05	4.41	1.82	2.17	2.04	2.03	1.93
NCCU	1.94	1.83	1.88	1.84	1.84	5.10	4.92	3.93	5.04	5.17	2.44	2.32	2.27	2.33	2.33
UNC Pembroke	1.59	1.68	1.61	1.59	1.59	2.91	3.59	3.02	3.12	3.21	1.80	1.94	1.83	1.81	1.83
UNC Wilmington	0.94	0.95	1.44	1.09	1.08	2.75	2.52	2.77	2.88	2.98	1.27	1.26	1.69	1.42	1.39
Western Carolina	0.91	0.96	0.98	1.02	1.02	3.11	3.23	3.20	3.67	3.72	1.42	1.49	1.48	1.57	1.56
Winston-Salem	1.45	1.51	1.51	1.59	1.73	4.30	5.15	5.15	4.87	4.71	1.97	2.10	2.10	2.18	2.31
<b>Subtotal</b>	<b>1.18</b>	<b>1.17</b>	<b>1.28</b>	<b>1.21</b>	<b>1.18</b>	<b>3.07</b>	<b>3.13</b>	<b>3.08</b>	<b>3.27</b>	<b>3.29</b>	<b>1.57</b>	<b>1.57</b>	<b>1.65</b>	<b>1.62</b>	<b>1.58</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>															
Elizabeth City	4.17	5.01	5.96	5.41	5.09	8.90	9.72	12.10	10.12	9.22	5.42	6.38	7.70	6.83	6.49
UNC Asheville	1.19	1.34	1.33	1.23	1.27	5.16	4.76	4.10	4.06	4.19	1.86	1.85	1.71	1.59	1.68
<b>Subtotal</b>	<b>2.08</b>	<b>2.27</b>	<b>2.42</b>	<b>2.24</b>	<b>2.30</b>	<b>6.76</b>	<b>6.96</b>	<b>7.60</b>	<b>6.99</b>	<b>6.87</b>	<b>3.01</b>	<b>3.17</b>	<b>3.34</b>	<b>3.08</b>	<b>3.24</b>
<b>Schools of Art, Music, &amp; Design</b>															
UNC School of the Arts	4.43	4.25	4.11	3.54	4.05	5.95	5.79	5.79	6.23	6.21	5.46	5.28	5.22	5.22	5.41
<b>Subtotal</b>	<b>4.43</b>	<b>4.25</b>	<b>4.11</b>	<b>3.54</b>	<b>4.05</b>	<b>5.95</b>	<b>5.79</b>	<b>5.79</b>	<b>6.23</b>	<b>6.21</b>	<b>5.46</b>	<b>5.28</b>	<b>5.22</b>	<b>5.22</b>	<b>5.41</b>
<b>Community Colleges</b>															
Alamance	3.13	2.95	3.75	2.45	2.34	11.30	11.54	5.13	4.66	4.42	5.29	5.09	4.28	3.12	2.97
Asheville-Buncombe	3.13	4.48	4.22	3.47	2.86	6.58	7.70	6.96	5.06	5.26	4.61	6.05	5.52	4.28	3.95
Beaufort Co.	5.04	6.07	6.69	6.00	4.24	16.54	20.01	19.35	16.15	10.17	8.15	9.82	10.04	8.79	6.09
Bladen	5.21	3.96	2.95	3.37	2.83	5.09	5.25	4.27	5.87	4.84	5.14	4.66	3.60	4.48	3.72
Blue Ridge	7.86	6.53	5.02	5.38	4.92	12.93	12.52	11.13	13.24	11.93	9.83	8.67	7.36	8.19	7.45
Brunswick	3.70	2.89	3.38	3.26	3.32	5.25	5.15	5.29	4.52	4.20	4.01	3.23	3.69	3.50	3.56
Caldwell	4.70	4.23	3.98	4.39	4.49	8.46	9.49	8.16	9.06	9.37	5.99	5.78	5.28	5.83	5.86
Cape Fear	2.94	2.57	2.30	2.04	1.86	5.57	5.34	4.00	3.87	3.10	3.99	3.63	3.01	2.78	2.38
Carteret	4.03	4.35	3.98	4.14	4.27	12.89	9.97	8.61	9.28	7.95	6.57	6.34	5.68	5.99	5.74
Catawba Valley	6.31	3.90	3.60	3.68	2.99	8.65	7.48	6.66	6.28	5.50	7.28	5.38	4.85	4.80	4.02
Central Carolina	4.70	4.01	4.02	3.61	3.04	10.06	7.01	6.43	6.69	6.88	6.37	4.97	4.84	4.56	4.07
Central Piedmont	3.08	2.72	2.86	2.36	2.51	7.61	6.98	6.30	5.51	5.98	4.07	3.65	3.67	3.10	3.29
Cleveland	4.24	4.00	4.32	4.68	4.15	7.52	7.62	7.07	6.94	5.79	5.67	5.52	5.51	5.65	4.92
Coastal Carolina	2.80	2.38	2.45	2.29	2.23	3.14	3.18	3.34	3.50	2.77	2.94	2.67	2.77	2.70	2.45
Coll. of Albemarle	5.02	5.41	6.80	5.74	5.48	8.23	9.68	12.51	11.87	11.70	6.44	7.18	9.11	8.05	7.79
Craven	2.83	2.37	2.59	2.64	2.61	7.85	7.19	8.33	7.30	7.56	4.30	3.69	4.09	4.00	4.03
Davidson County	4.07	3.40	3.31	3.12	2.72	6.73	6.88	6.69	6.09	5.82	4.97	4.44	4.33	4.08	3.66
Durham	2.81	2.35	2.64	2.28	2.33	6.64	5.95	6.08	6.50	5.69	3.92	3.38	3.67	3.42	3.27
Edgecombe	6.38	3.85	4.25	2.84	2.26	11.00	7.88	8.33	6.49	5.83	8.54	5.57	6.03	4.08	3.37
Fayetteville	2.96	3.20	3.17	2.68	2.49	5.53	5.68	5.23	4.92	4.89	3.89	4.12	3.96	3.53	3.34
Forsyth	3.16	3.18	2.84	2.59	2.60	8.27	7.79	7.55	7.08	5.50	4.92	4.81	4.39	4.03	3.56
Gaston	5.35	3.46	2.96	3.17	3.41	9.77	8.08	6.94	7.21	6.37	6.78	4.73	3.94	4.18	4.29

**Table 9. Space Factors**

Institution	Classrooms					Laboratories					Teaching Areas				
	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
Guilford	3.58	3.83	3.16	3.01	1.89	8.04	10.04	8.03	7.40	4.92	4.88	5.49	4.46	4.21	2.68
Halifax	8.00	7.34	6.42	5.09	4.02	13.71	10.17	6.62	6.82	8.61	10.09	8.48	6.51	5.80	5.48
Haywood	4.82	3.92	4.43	3.83	3.50	7.74	7.72	9.33	7.54	7.48	6.79	6.28	7.04	5.78	5.50
Isothermal	8.68	8.22	7.23	5.55	6.89	8.29	8.22	9.03	6.84	6.65	8.48	8.22	8.04	6.14	6.76
James Sprunt	5.40	5.29	4.79	4.69	4.02	7.94	6.27	5.49	5.93	5.80	6.47	5.70	5.09	5.13	4.61
Johnston	2.52	2.71	3.05	3.16	3.10	7.60	7.04	7.99	9.50	8.51	3.81	3.68	4.07	4.43	4.26
Lenoir	4.49	5.08	4.63	3.80	3.29	7.72	9.71	10.02	7.82	7.06	5.69	6.75	6.38	5.15	4.47
Martin	8.38	9.52	9.65	14.15	6.22	8.33	7.75	6.55	17.66	6.81	8.35	8.38	7.54	16.03	6.55
Mayland	7.70	6.83	6.44	5.63	4.23	10.61	9.94	13.99	10.56	9.15	8.84	7.97	8.57	7.17	5.43
McDowell	5.71	6.80	6.43	5.67	5.53	11.84	10.82	10.42	8.63	9.71	8.05	8.59	8.48	7.31	7.71
Mitchell	3.36	3.63	3.25	2.94	2.76	7.21	6.22	6.19	6.37	6.34	4.32	4.40	4.00	3.76	3.55
Montgomery	3.26	2.81	3.76	3.72	3.44	5.14	4.62	5.27	5.02	5.56	4.12	3.51	4.37	4.21	4.21
Nash	4.46	3.74	3.48	3.44	2.48	9.53	8.37	6.53	8.51	4.96	5.80	4.79	4.26	4.46	3.12
Pamlico	9.34	10.59	9.57	8.88	6.65	14.82	10.17	8.57	10.71	12.30	11.82	10.35	8.97	9.83	8.31
Piedmont	10.86	7.09	5.89	4.79	4.02	8.61	6.59	6.84	5.46	4.99	9.69	6.86	6.29	5.08	4.41
Pitt	2.50	2.15	1.88	1.68	1.52	6.47	6.25	5.43	5.04	5.27	3.97	3.60	3.10	2.78	2.63
Randolph	4.05	4.20	3.37	3.20	3.25	12.62	11.46	11.92	10.76	10.87	6.45	6.38	5.49	5.24	5.31
Richmond	3.93	3.43	3.32	2.90	2.51	5.19	5.58	4.55	4.65	4.76	4.43	4.28	3.87	3.57	3.35
Roanoke-Chowan	6.60	4.32	4.40	4.33	2.58	10.77	9.07	9.65	7.48	5.79	8.57	6.18	6.41	5.74	3.85
Robeson	2.60	2.35	2.42	2.21	2.21	6.00	4.89	4.64	4.31	3.75	3.87	3.36	3.47	3.18	2.95
Rockingham	3.93	2.80	3.13	2.82	2.35	13.24	10.37	13.76	14.10	8.59	7.21	5.39	6.37	6.48	4.33
Rowan-Cabarrus	3.25	3.50	2.93	2.94	1.87	8.30	6.98	7.02	5.05	4.47	4.10	4.25	3.70	3.72	2.68
Sampson	3.21	2.84	2.85	2.52	2.36	9.87	8.30	7.74	6.85	6.01	4.85	4.39	4.26	3.77	3.46
Sandhills	3.55	3.49	3.43	3.34	3.01	8.12	7.29	7.64	6.97	6.03	4.50	4.34	4.33	4.13	3.69
South Piedmont	3.63	3.73	3.91	3.66	3.30	11.51	7.98	7.43	6.28	5.05	5.23	4.89	4.94	4.50	3.94
Southeastern	6.93	6.53	7.01	5.85	5.77	7.56	7.79	8.18	7.49	7.89	7.18	7.01	7.46	6.43	6.49
Southwestern	3.95	3.90	3.90	2.91	2.67	8.09	6.79	6.04	5.81	5.42	5.40	5.03	4.79	3.95	3.64
Stanly	5.69	7.26	6.50	6.56	5.14	8.41	8.15	7.44	25.68	8.44	6.57	7.62	6.86	10.28	6.26
Surry	4.37	3.94	3.43	3.37	2.76	8.72	7.42	7.28	7.51	6.89	5.56	4.90	4.41	4.45	3.77
Tri-County	12.76	10.86	9.54	8.03	4.61	10.45	8.05	7.28	6.41	6.37	11.66	9.41	8.39	7.16	5.31
Vance-Granville	4.44	3.98	3.18	2.79	2.45	6.20	5.57	5.30	5.63	4.76	5.34	4.79	4.19	3.96	3.41
Wake	2.16	2.22	2.13	1.94	1.63	4.30	4.12	3.62	3.54	3.33	2.88	2.91	2.67	2.47	2.17
Wayne	2.27	1.95	2.08	2.23	1.98	5.88	4.65	5.05	4.53	4.93	3.67	3.05	3.36	3.30	3.18
Western Piedmont	6.49	5.50	5.35	5.18	5.09	6.70	6.85	6.55	6.41	5.94	6.57	5.99	5.82	5.65	5.46
Wilkes	4.05	3.83	4.10	3.84	2.64	11.61	10.06	9.83	10.12	8.66	5.99	5.54	5.72	5.40	4.25
Wilson	6.96	6.01	4.72	5.33	4.75	9.52	9.51	6.27	6.35	5.25	7.89	7.17	5.29	5.73	4.96
<b>Subtotal</b>	<b>3.65</b>	<b>3.41</b>	<b>3.30</b>	<b>3.01</b>	<b>2.68</b>	<b>7.37</b>	<b>6.99</b>	<b>6.44</b>	<b>6.16</b>	<b>5.57</b>	<b>4.89</b>	<b>4.60</b>	<b>4.35</b>	<b>4.05</b>	<b>3.62</b>
<b>NC Private Universities</b>															
Barton	-	3.26	2.38	2.46	2.54	-	4.35	2.98	6.10	5.05	-	3.60	2.58	3.18	3.13
Campbell	-	1.86	2.25	1.69	1.81	-	4.90	5.83	4.63	5.32	-	2.28	2.75	2.04	2.21
Mars Hill	-	3.53	3.69	2.62	2.63	-	8.75	8.12	7.14	7.57	-	4.45	4.55	3.54	3.58
Pfeiffer	-	3.50	3.83	3.48	3.36	-	8.20	8.46	7.95	8.71	-	4.50	4.76	4.35	4.31
<b>Subtotal</b>	<b>-</b>	<b>2.43</b>	<b>2.69</b>	<b>2.11</b>	<b>2.21</b>	<b>-</b>	<b>5.87</b>	<b>5.72</b>	<b>5.91</b>	<b>6.23</b>	<b>-</b>	<b>3.02</b>	<b>3.26</b>	<b>2.69</b>	<b>2.82</b>
<b>Grand Total</b>	<b>1.98</b>	<b>1.93</b>	<b>1.95</b>	<b>1.85</b>	<b>1.76</b>	<b>5.74</b>	<b>5.56</b>	<b>5.29</b>	<b>5.20</b>	<b>4.87</b>	<b>2.89</b>	<b>2.81</b>	<b>2.77</b>	<b>2.67</b>	<b>2.52</b>

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

Classification	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
<b>Classrooms</b>									
<b>Public Institutions</b>									
Research Universities I	31.2	29.2	27.6	66.9	65.7	64.7	0.94	0.89	0.83
Doctoral Universities I & II	31.6	28.9	25.4	70.7	64.9	54.7	1.27	0.90	0.81
Master's (Comprehensive) Universities I	32.3	25.7	16.6	67.6	62.1	49.4	1.94	1.18	0.91
Baccalaureate (Liberal Arts) Universities	28.4	17.8	10.2	63.3	54.6	41.2	4.17	2.08	1.19
Schools of Art, Music, & Design*	10.4	10.4	10.4	50.5	50.5	50.5	4.43	4.43	4.43
Community Colleges	20.2	12.5	5.4	70.0	52.9	28.1	12.76	3.65	2.16
<b>Grand Total</b>									
State Range	32.3	16.7	5.4	70.7	59.4	28.1	12.76	1.98	0.81
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
<b>Class Laboratories</b>									
<b>Public Institutions</b>									
Research Universities I	12.8	11.7	9.3	75.5	67.9	50.1	4.97	4.12	3.88
Doctoral Universities I & II	20.8	16.5	12.9	73.6	62.7	54.2	4.22	3.26	2.60
Master's (Comprehensive) Universities I	20.5	16.2	8.4	82.9	71.0	61.6	5.10	3.07	2.53
Baccalaureate (Liberal Arts) Universities	11.8	8.5	6.6	66.5	52.4	40.9	8.90	6.76	5.16
Schools of Art, Music, & Design*	12.4	12.4	12.4	49.6	49.6	49.6	5.95	5.95	5.95
Community Colleges	22.4	11.6	5.8	73.3	54.7	27.4	16.54	7.37	3.14
<b>Grand Total</b>									
State Range	22.4	12.4	5.8	82.9	58.9	27.4	16.54	5.74	2.53
Typical Standard	-	20.0	-	-	75.0	-	-	7.20	-

\*Only one institution in this category

## TABLE 11:

### SPACE STANDARDS

*(University of North Carolina only)*

Space standards previously published in this study were selected from the Higher Education Facilities Planning and Management Manuals published by the Western Interstate Commission for Higher Education. While these published criteria were considered a useful baseline for subsequent space standards development both at the national level\* and by individual states and institutions, the evolution of room configurations and needs at today's institutions of higher education had clarified the need for updated space planning standards in selected categories of space. To this end, the University of North Carolina System, 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 System institutions.

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. Therefore, there are neither *programming* nor *design* standards for use as either architectural or cost estimation guides. In addition, 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 were also not included as components of the development. As a result, these standards are not intended as exclusive or absolute indicators for determination of project needs. Given these limitations, the adopted criteria are used within various standard 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.

Space planning standards were developed for the first four series of HEGIS Room Use Codes as defined in both the national and N.C. facilities classification manuals. These standards were officially adopted by the UNC Board of Governors in October 1998:

**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.

\*The most recent set of national space criteria was developed in 1985: Space Planning Guidelines, Council of Educational Facility Planners, International.

## Space Standards

**Table 11 (continued)**

**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.

**300 – Office Facilities** – Recommendations for 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. This is again in accordance with recently inventoried space standards for higher education systems and institutions throughout the country.

**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).

### CLASSROOM (110) STANDARDS

<b>Average Student Station Size</b> (See Table 16)	<b>18 ASF</b>
<b>Average Weekly Room Hours</b> (Also Room Utilization Rate - see Table 3)	<b>35 hours/week</b>
<b>Station Occupancy Ratio</b> (Also Percent Student Station Utilization - see Table 7)	<b>65%</b>
<b>Space Factor (see Table 9)</b>	<b>0.79</b>



## Space Standards

**Table 11 (continued)**

### 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.*

<u>Teaching Lab Category</u>	<u>Discipline</u>	<u>ASF Per Station</u>	<u>Space Factor</u>
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 NC State University. For all other UNC System institutions, program considerations, and not planning standards, remain as 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.

## Space Standards

**Table 11 (continued)**

### RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS (continued)

<u>Research Lab Category</u>	<u>Discipline</u>	<u>ASF per \$I M Averaged Organized Research Expenditures</u>
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

### OFFICE FACILITY (310/315, 350/355) STANDARDS

Office standards are based on an aggregation of all office facilities space (Office-310, Office Service-315, Conference Room-350, Conference Room Service-355). Four standards of ASF allowance, based on personnel categories, were developed.

Administrative	275 ASF
Instructional and Professional	190 ASF
Technical and Clerical	140 ASF
Graduate Assistants	95 ASF

## Space Standards

**Table 11 (continued)**

### STUDY FACILITY (410, 420, 430, 440, 455) STANDARDS

*Central Libraries only (Program Code 41)*

<b>Study Space</b>	<i>(Includes 410-Study Room and 50% of 430-Open-Stack Study Room space)</i>	25 ASF per station for 20% of FTE students plus 8% of FTE faculty.
<b>Stack Space</b>	<i>(Includes 420-Stack and 50% of 430-Open-Stack Study Room Space)</i>	0.08 ASF per volume
<b>Service Space</b>	<i>(Includes 440-Processing Room and 455-Study Service space)</i>	15% of the combined predicted requirement for study and stack space.

## **TABLE 12:**

### **ENROLLMENTS**

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of 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. This section, however, does describe some data trends in headcount enrollment.

#### **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.

The N.C. Community College System Office reports FTE based on its official “class membership” hour formula for calculation. Sixteen class membership hours per week for 16 weeks equate to one fall semester FTE. The total fall credit FTE is based on the total class membership hours per week times sixteen weeks divided by 256 (16 membership hours times 16 weeks).

For the community colleges, Table 12, for 2014-2017, lists only fall on-campus (inventoried space) credit enrollments. Noncredit enrollments are not included. Instruction that took place in facilities not on a community college’s facilities inventory was not considered in determining the FTE enrollments listed. For 2018, the fall on-campus credit FTE is provided, but as a means of comparison, the total fall credit FTE (representing both on-campus and off-campus credit instruction) is listed for all community colleges. Since private colleges and universities and the constituent institutions of the University of North Carolina System do not conduct a significant number of instructional courses off-campus, the total FTE enrollments that are listed may also be considered as approximating these institutions' campus-based enrollments.

### **Trends in Headcount Enrollments\***

In 2011, a projection study was completed by the National Center for Education Statistics (NCES), which presents an estimate map of higher education headcount enrollments at the national level for the years 2009 through 2019, using enrollment data and demographic studies from the years 1994 to 2008. \* Highlights of these projections are presented here.

#### **All Higher Education Institutions**

Between 2000 and 2002, higher education enrollment increased from 15.3 million to 16.6 million, a growth of eight percent. Enrollment then increased from 17.5 million in 2000 to 19.1 million in 2008, an increase of nine percent over the period. This enrollment is expected to increase to 22.4 million by the year 2019, an increase of 17 percent from 2008.

#### **Enrollments by Gender of Student**

Women played a major role in the increase of enrollment between 2000-2008. Enrollment of women increased from 8.6 million in 2000 to 10.9 million in 2008 (27 percent). This number is projected to increase to 13.2 million by the year 2019, or an additional 21 percent. Enrollment of men rose from 6.7 million to 8.2 million between 2000 and 2008. This number is expected to increase to 9.2 million by 2019, a growth of 12 percent over the period. Women's share of college enrollments is projected to be 59% by 2019.

#### **Enrollments in Public and Private Institutions**

From 2000 to 2002, public institution enrollment grew from 11.8 million to 12.8 million. Enrollment increased to 13.0 million in 2005 followed by a rise to 13.9 million in 2008, for a net increase of seven percent over the period. This figure is expected to increase by another 18 percent to 16.5 million by the year 2019. Enrollment in private institutions grew from 3.6 million in 2000 to 5.1 million in 2008, an increase of 44 percent. Private enrollment is projected to reach a high of 5.9 million by 2019, which is an additional 15 percent growth.

University of North Carolina System institutions experienced a headcount enrollment increase of 1.8 percent in 2018. Public institutions as a whole showed a .3 percent increase. Public enrollments for men decreased by .6 percent and women increased by .9 percent. North Carolina's public 2018 part-time enrollment increased by 1.4 percent while public full-time enrollment increased by .2 percent.

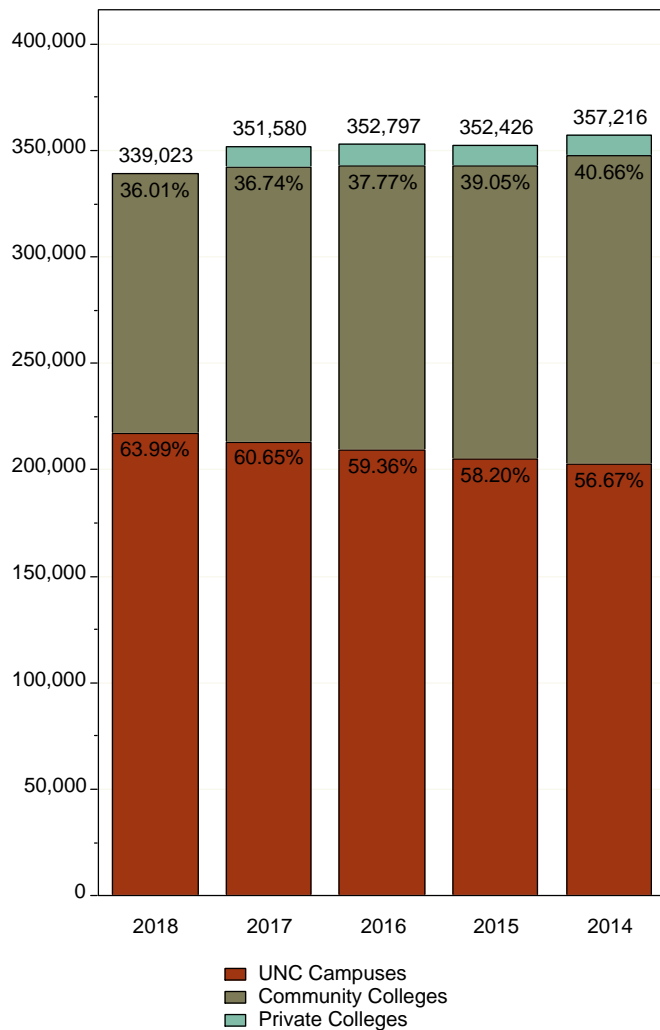
Due to a shift in data collection methods beginning in 2016, the Integrated Postsecondary Education Data System (IPEDS) is now the data source for the information above.

\* Hussar, William J. and Bailey, Tabitha M.; *Projections of Education Statistics to 2019*; U.S. Department of Education, National Center for Education Statistics, March 2011.

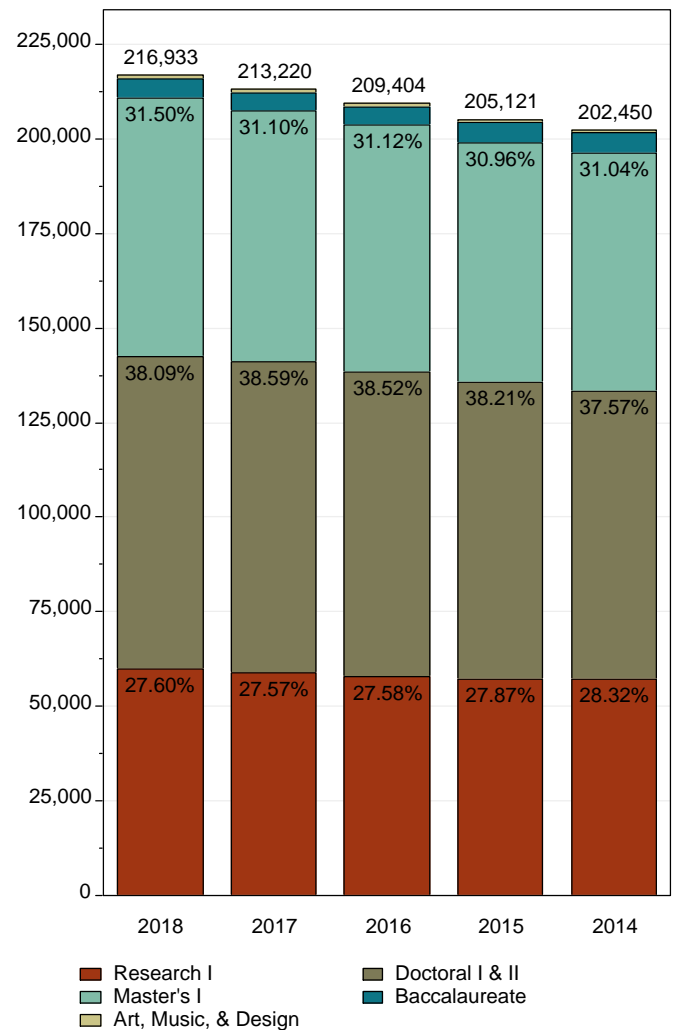
**Table 12. Summary of FTE Enrollment**

	2018	2017	2016	2015	2014
<b>Public Institutions</b>					
Research Universities I	59,872	58,776	57,752	57,171	57,332
Doctoral Universities I and II	82,637	82,278	80,655	78,384	76,055
Master's (Comprehensive) Universities & Colleges I	68,341	66,317	65,162	63,515	62,846
Baccalaureate (Liberal Arts) Universities & Colleges I & II	5,043	4,851	4,809	5,091	5,263
Schools of Art, Music, & Design	1,040	998	1,026	960	954
Community Colleges	122,090	129,188	133,266	137,606	145,260
<b>Private Institutions</b>					
NC Private Universities	-	9,172	10,127	9,699	9,506
	<b>339,023</b>	<b>351,580</b>	<b>352,797</b>	<b>352,426</b>	<b>357,216</b>

**All NC Higher Education Institutions  
By Type of Control**



**UNC System  
Institutions Only By  
Level**



**Table 12.****FTE Enrollments by Institution**

<b>Institution</b>	<b>2018 On-Campus</b>	<b>Total</b>	<b>2017 On-Campus</b>	<b>2016 On-Campus</b>	<b>2015 On-Campus</b>	<b>2014 On-Campus</b>
<b>Public Institutions</b>						
<b>Research Universities I</b>						
NC State	31,513	-	30,552	29,838	29,897	29,984
NC State Veterinary Med	400	-	402	393	396	376
UNC-Chapel Hill	23,326	-	23,207	22,971	22,273	22,263
UNC-Chapel Hill Hlth Aff.	4,633	-	4,615	4,550	4,605	4,709
<b>Subtotal</b>	<b>59,872</b>	<b>-</b>	<b>58,776</b>	<b>57,752</b>	<b>57,171</b>	<b>57,332</b>
<b>Doctoral Universities I &amp; II</b>						
East Carolina	22,958	-	23,483	23,364	22,737	22,235
East Carolina Hlth Aff.	2,754	-	2,747	2,674	2,561	2,484
N.C. A&T	11,346	-	11,112	10,457	10,148	10,052
UNC Charlotte	27,340	-	26,783	26,275	25,573	24,716
UNC Greensboro	18,239	-	18,153	17,885	17,365	16,568
<b>Subtotal</b>	<b>82,637</b>	<b>-</b>	<b>82,278</b>	<b>80,655</b>	<b>78,384</b>	<b>76,055</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>						
Appalachian	18,394	-	18,099	17,571	17,269	17,310
Fayetteville	5,431	-	5,345	5,431	5,298	5,133
NCCU	7,502	-	7,471	7,492	7,403	7,087
UNC Pembroke	6,354	-	5,555	5,584	5,711	5,525
UNC Wilmington	15,157	-	15,065	14,463	13,780	13,613
Western Carolina	10,660	-	10,031	9,815	9,315	9,324
Winston-Salem	4,843	-	4,751	4,806	4,739	4,854
<b>Subtotal</b>	<b>68,341</b>	<b>-</b>	<b>66,317</b>	<b>65,162</b>	<b>63,515</b>	<b>62,846</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>						
Elizabeth City	1,554	-	1,298	1,292	1,506	1,767
UNC Asheville	3,489	-	3,553	3,517	3,585	3,496
<b>Subtotal</b>	<b>5,043</b>	<b>-</b>	<b>4,851</b>	<b>4,809</b>	<b>5,091</b>	<b>5,263</b>
<b>Schools of Art, Music, &amp; Design</b>						
UNC School of the Arts	1,040	(256)	998	1,026	960	954
<b>Subtotal</b>	<b>1,040</b>	<b>(256)</b>	<b>998</b>	<b>1,026</b>	<b>960</b>	<b>954</b>
<b>Community Colleges</b>						
Alamance	2,820	(3,058)	2,856	3,016	3,232	3,180
Asheville-Buncombe	4,462	(4,992)	4,826	4,938	4,942	5,138
Beaufort Co.	676	(1,138)	656	676	796	1,098
Bladen	1,034	(1,084)	1,012	1,032	1,028	1,138
Blue Ridge	1,034	(1,632)	1,064	1,144	1,110	1,232
Brunswick	838	(1,192)	828	832	936	1,048
Caldwell	1,772	(2,682)	1,966	2,132	2,256	2,330
Cape Fear	4,970	(6,452)	5,258	5,746	5,928	6,310
Carteret	758	(1,212)	804	888	860	904
Catawba Valley	3,156	(3,510)	3,398	3,238	3,366	2,672
Central Carolina	2,206	(3,796)	3,706	3,706	3,498	3,768
Central Piedmont	9,004	(13,756)	9,390	9,780	10,046	9,982
Cleveland	998	(2,034)	1,074	1,254	1,256	1,450
Coastal Carolina	2,432	(3,204)	2,534	2,552	2,698	2,830
Coll. of Albemarle	850	(1,918)	860	846	918	1,078
Craven	1,444	(2,196)	1,578	1,492	1,566	1,610
Davidson County	2,080	(2,828)	2,728	2,922	2,972	3,184

2018 UNCSA FTE enrollment including high school students is 1,296.

Total community college FTE enrollment includes both on- and off-campus students. See pages 54-55.

**Table 12. FTE Enrollments by Institution**

Institution	2018		2017	2016	2015	2014
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
Durham	2,690	(3,644)	2,834	2,804	2,774	2,974
Edgecombe	718	(1,518)	854	944	1,038	1,324
Fayetteville	8,460	(8,466)	8,534	8,316	8,232	8,578
Forsyth	5,572	(5,922)	5,586	5,612	5,872	6,278
Gaston	3,690	(3,824)	3,888	4,048	4,108	4,376
Guilford	5,470	(7,826)	5,358	6,068	6,446	7,176
Halifax	396	(772)	534	622	680	758
Haywood	736	(1,274)	798	826	866	960
Isothermal	772	(1,508)	874	878	978	1,122
James Sprunt	828	(858)	910	888	940	972
Johnston	1,852	(3,024)	2,076	2,090	2,212	2,382
Lenoir	1,890	(2,076)	1,938	2,000	2,036	2,300
Martin	562	(576)	584	592	502	516
Mayland	604	(734)	640	674	560	730
McDowell	836	(862)	788	880	902	878
Mitchell	1,392	(2,090)	1,476	1,552	1,534	1,662
Montgomery	722	(726)	706	674	640	708
Nash	1,272	(2,264)	1,308	1,518	1,850	2,236
Pamlico	80	(414)	102	112	124	80
Piedmont	626	(892)	704	972	1,040	1,186
Pitt	5,620	(6,238)	5,752	6,196	6,296	6,782
Randolph	1,142	(1,990)	1,208	1,292	1,412	1,540
Richmond	1,830	(1,944)	1,788	1,856	1,832	1,836
Roanoke-Chowan	274	(516)	324	364	396	478
Robeson	1,480	(1,516)	1,560	1,584	1,716	1,714
Rockingham	1,270	(1,270)	1,400	1,284	1,380	1,466
Rowan-Cabarrus	2,630	(4,772)	2,640	2,688	2,614	3,394
Sampson	724	(1,224)	732	870	902	1,000
Sandhills	2,116	(3,068)	2,198	2,084	2,218	2,306
South Piedmont	1,572	(1,760)	1,652	1,560	1,560	1,014
Southeastern	682	(1,132)	768	706	862	854
Southwestern	1,252	(1,840)	1,302	1,194	1,282	1,352
Stanly	1,718	(1,870)	1,822	1,800	1,902	1,998
Surry	2,236	(2,292)	2,348	2,490	2,478	2,560
Tri-County	306	(784)	366	418	420	514
Vance-Granville	2,040	(2,118)	2,176	2,174	2,332	2,530
Wake	10,910	(16,106)	11,134	11,342	11,024	11,088
Wayne	1,628	(2,604)	1,732	1,698	2,602	2,698
Western Piedmont	1,078	(1,534)	1,160	1,140	1,288	898
Wilkes	1,284	(2,130)	1,484	1,558	1,622	2,262
Wilson	596	(1,134)	612	704	726	828
<b>Subtotal</b>	<b>122,090</b>	<b>(163,796)</b>	<b>129,188</b>	<b>133,266</b>	<b>137,606</b>	<b>145,260</b>
<b>NC Private Universities</b>						
Barton	-	-	905	1,051	1,000	978
Campbell	-	-	6,010	6,283	5,972	5,601
Mars Hill	-	-	1,238	1,379	1,349	1,395
Pfeiffer	-	-	1,019	1,414	1,378	1,532
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>9,172</b>	<b>10,127</b>	<b>9,699</b>	<b>9,506</b>
<b>Grand Total</b>	<b>339,023</b>	<b>(164,052)</b>	<b>351,580</b>	<b>352,797</b>	<b>352,426</b>	<b>357,216</b>

2018 UNCSA FTE enrollment including high school students is 1,296.

Total community college FTE enrollment includes both on- and off-campus students. See pages 54-55.





### **Sarah and Edward Smith Health Sciences Center Davidson County Community College**

The Sarah and Edward Smith Health Sciences Center opened in Fall 2018. The new facility provides a much needed central location for health-related education at Davidson County Community College, which graduates over 200 students in health sciences fields each year. The health and science programs that will now be housed in the new building include nursing, nursing assistants, emergency medical science, medical laboratory technology, medical assistants, pharmacy technology, esthetics, and therapeutic massage programs. The 48,000 square foot facility is equipped with hands-on simulations and up-to-date labs in addition to the standard classrooms and meeting spaces needed to train the next generations of health-care professionals.

### **Interior Space Characteristics**

Net-to-Gross Ratio .....	61
Summary Programs .....	64
Instruction, Research, and Public Service Subprograms .....	71
Academic Support Subprograms .....	78
Student Service and Physical Plant Operations Subprograms .....	82
Institutional Administrations, Independent Operations & Unassigned Subprograms .....	86
Assignable Area by Room Code .....	90
ASF per Student Stations for Classrooms .....	98
ASF per Student Stations for Class Laboratories .....	102

This Page Intentionally Left Blank

**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 of 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 (their gross areas are indicated in parentheses): Cape Fear CC (581,435 sq. ft.), Central Piedmont CC (1,115,530 sq. ft.), Wake Technical CC (610,006), Guilford Technical CC (140,814) Appalachian State University (384,144 sq. ft.), UNC Wilmington (308,801 sq. ft.), NC State University (2,404,410 sq. ft.), NC State Veterinary Medicine, (186,098 sq. ft.), UNC-Chapel Hill - Health Affairs (1,707,986 sq. ft.), UNC-Chapel Hill - Academic Affairs (1,245,597 sq. ft.), UNC Charlotte (2,704,732 sq. ft.), UNC Greensboro (875,642 sq. ft.), UNC Asheville (136,854 sq. ft.). 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: Cape Fear CC (57.3%), Central Piedmont CC (62.5%), Wake Technical CC (60.7%), Guilford TCC (67.6%), NC State University (64.8%), NC State Veterinary Medicine (63.8%), UNC-Chapel Hill Health Affairs (50.4%), UNC-Chapel Hill - Academic Affairs (60.8%), UNC Charlotte (58%), UNC Greensboro (58.5%), Appalachian State University (61.1%), UNC Wilmington (68.7%), UNC Asheville (62.8%).

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 \$260 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .568. This means that new construction costs are approximately \$458 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$260}{.568} = \$458$$

Thus, every assignable square foot created through a renovation can be viewed as saving the institution \$458 in new construction costs.

**Table 13. Net-to-Gross Ratio**

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2018	2017	2016	2015	2014
Public Institutions							
Research Universities I							
NC State	16,513,261	9,142,141	55.4	55.5	55.5	55.6	54.8
NC State Veterinary Med	888,676	448,514	50.5	50.3	49.7	49.6	50.2
UNC-Chapel Hill	13,379,013	7,372,784	55.1	55.2	54.9	55.0	55.0
UNC-Chapel Hill Hlth Aff.	7,008,411	2,673,117	38.1	38.3	40.1	40.3	40.3
Subtotal	37,789,361	19,636,556	52.0	52.1	52.4	52.5	52.1
Doctoral Universities I & II							
East Carolina	5,408,085	3,487,796	64.5	65.2	66.3	65.5	65.8
East Carolina Hlth Aff.	1,900,092	1,166,993	61.4	61.3	58.1	52.8	51.9
N.C. A&T	3,404,024	2,356,324	69.2	69.8	69.7	69.3	69.2
UNC Charlotte	9,586,548	3,992,984	41.7	42.0	40.5	41.8	41.5
UNC Greensboro	6,632,575	3,365,830	50.7	50.7	49.4	49.1	49.1
Subtotal	26,931,324	14,369,927	53.4	53.5	52.7	52.5	52.4
Master's (Comprehensive) Universities & Colleges I							
Appalachian	4,964,520	2,797,594	56.4	56.5	56.6	57.3	57.6
Fayetteville	1,472,197	919,527	62.5	61.1	61.1	61.2	61.2
NCCU	2,272,427	1,469,937	64.7	64.8	64.8	64.8	64.4
UNC Pembroke	1,586,688	1,044,982	65.9	65.9	66.0	65.9	65.9
UNC Wilmington	4,035,254	2,560,265	63.4	62.5	58.5	59.5	59.6
Western Carolina	3,320,937	2,104,341	63.4	63.8	64.1	63.9	63.9
Winston-Salem	2,013,632	1,301,539	64.6	64.7	64.7	64.7	63.8
Subtotal	19,665,655	12,198,185	62.0	61.9	61.2	61.5	61.4
Baccalaureate (Liberal Arts) Universities & Colleges I & II							
Elizabeth City	1,301,088	864,764	66.5	66.5	67.2	67.2	63.1
UNC Asheville	1,691,062	975,657	57.7	57.4	57.7	57.7	58.4
Subtotal	2,992,150	1,840,421	61.5	61.5	62.1	62.1	60.6
Schools of Art, Music, & Design							
UNC School of the Arts	1,212,554	820,449	67.7	67.4	68.7	68.9	70.7
Subtotal	1,212,554	820,449	67.7	67.4	68.7	68.9	70.7
Teaching Hospitals							
UNC Hospitals	2,499,249	1,358,302	54.3	54.3	54.3	54.3	54.3
Subtotal	2,499,249	1,358,302	54.3	54.3	54.3	54.3	54.3
Community Colleges							
Alamance	448,411	281,456	62.8	62.8	60.5	60.5	60.5
Asheville-Buncombe	1,051,033	630,948	60.0	58.7	57.8	57.5	57.5
Beaufort Co.	272,813	191,527	70.2	70.3	70.4	70.0	70.0
Bladen	145,580	105,082	72.2	73.0	73.2	73.2	73.4
Blue Ridge	493,960	345,200	69.9	69.8	71.4	72.6	72.4
Brunswick	378,361	249,217	65.9	64.0	64.7	63.8	65.3
Caldwell	526,311	365,502	69.4	69.4	69.4	69.5	68.7
Cape Fear	1,866,538	736,394	39.5	39.4	37.3	36.4	38.0
Carteret	246,382	177,153	71.9	70.9	70.8	70.9	70.8
Catawba Valley	665,198	455,002	68.4	66.4	65.5	65.5	65.2
Central Carolina	676,545	466,192	68.9	69.2	69.2	69.1	69.1
Central Piedmont	3,416,425	1,437,451	42.1	41.6	41.7	41.0	41.3
Cleveland	315,039	210,775	66.9	67.0	66.4	68.1	68.2
Coastal Carolina	360,644	237,741	65.9	65.9	66.1	66.9	66.7
Coll. of Albemarle	396,197	268,203	67.7	67.9	68.1	67.1	67.1

**Table 13. Net-to-Gross Ratio**

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2018	2017	2016	2015	2014
Craven	316,445	211,508	66.8	67.0	67.0	67.0	66.8
Davidson County	514,899	348,531	67.7	68.1	68.3	68.3	68.2
Durham	541,646	359,534	66.4	67.6	67.5	67.5	67.2
Edgecombe	299,993	202,273	67.4	67.4	67.4	68.9	68.9
Fayetteville	1,021,333	665,378	65.1	65.8	65.4	67.6	67.4
Forsyth	1,096,902	752,788	68.6	68.6	68.6	69.1	69.3
Gaston	736,693	482,854	65.5	65.5	64.9	66.3	66.7
Guilford	1,900,634	1,189,098	62.6	62.5	62.3	62.4	62.8
Halifax	271,468	184,830	68.1	68.1	68.1	68.1	68.1
Haywood	368,684	248,369	67.4	67.6	67.8	71.1	71.1
Isothermal	354,878	240,641	67.8	67.7	68.0	68.0	68.0
James Sprunt	200,132	134,076	67.0	72.0	72.0	71.1	70.4
Johnston	456,431	330,751	72.5	71.4	71.5	71.2	71.0
Lenoir	436,600	324,638	74.4	74.4	74.6	74.6	74.5
Martin	228,135	169,822	74.4	74.4	74.4	74.4	74.4
Mayland	250,092	181,618	72.6	73.1	73.2	70.2	71.2
McDowell	205,440	153,019	74.5	74.5	74.3	74.5	74.5
Mitchell	370,582	250,728	67.7	67.7	67.7	67.7	67.1
Montgomery	133,266	95,431	71.6	71.6	71.4	71.2	71.3
Nash	369,043	247,386	67.0	66.1	66.1	66.0	66.7
Pamlico	86,035	54,788	63.7	63.7	63.7	63.7	64.2
Piedmont	177,259	138,812	78.3	78.9	78.9	78.9	78.9
Pitt	695,135	448,104	64.5	64.1	65.0	64.6	64.6
Randolph	403,822	297,579	73.7	73.7	74.5	74.7	74.7
Richmond	253,675	182,734	72.0	71.5	71.2	70.9	70.2
Roanoke-Chowan	167,421	118,712	70.9	70.8	70.8	69.3	70.2
Robeson	279,660	205,845	73.6	73.2	72.1	72.0	72.0
Rockingham	332,733	229,491	69.0	69.0	69.0	69.0	70.4
Rowan-Cabarrus	606,001	382,310	63.1	63.0	63.6	73.1	73.0
Sampson	199,414	138,580	69.5	69.5	69.7	69.7	69.7
Sandhills	515,859	339,501	65.8	65.8	65.9	65.6	65.0
South Piedmont	404,558	327,972	81.1	81.1	81.1	81.1	81.1
Southeastern	245,484	182,202	74.2	74.3	74.3	74.3	74.3
Southwestern	303,926	205,273	67.5	67.3	69.0	69.0	69.0
Stanly	231,686	149,575	64.6	65.4	64.9	66.8	66.8
Surry	476,925	331,807	69.6	69.5	68.3	70.4	70.0
Tri-County	169,289	129,835	76.7	75.5	75.5	76.3	76.3
Vance-Granville	406,209	255,398	62.9	62.9	63.3	64.7	65.0
Wake	2,461,624	1,124,845	45.7	45.0	44.7	45.4	50.3
Wayne	481,677	324,353	67.3	67.3	67.3	67.6	65.1
Western Piedmont	418,310	299,590	71.6	72.0	72.3	72.3	72.3
Wilkes	489,243	340,360	69.6	69.4	69.5	70.0	73.2
Wilson	249,365	163,710	65.7	65.6	68.5	68.6	68.6
<b>Subtotal</b>	<b>31,388,043</b>	<b>19,302,492</b>	<b>61.5</b>	<b>61.4</b>	<b>61.3</b>	<b>61.6</b>	<b>62.3</b>
<b>NC Private Universities</b>							
Barton	-	-	-	70.8	70.8	70.8	70.8
Campbell	-	-	-	67.9	67.8	68.1	68.1
Mars Hill	-	-	-	66.6	66.6	67.5	67.5
Pfeiffer	-	-	-	68.2	66.9	66.9	67.0
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>68.0</b>	<b>67.8</b>	<b>68.2</b>	<b>68.2</b>
<b>Grand Total</b>	<b>122,478,336</b>	<b>69,526,332</b>	<b>56.8</b>	<b>57.1</b>	<b>56.9</b>	<b>57.0</b>	<b>57.0</b>

**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 these do not due to rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, these sometimes do not because of the rounding of the subprogram percentages.

## PROGRAM DEFINITIONS

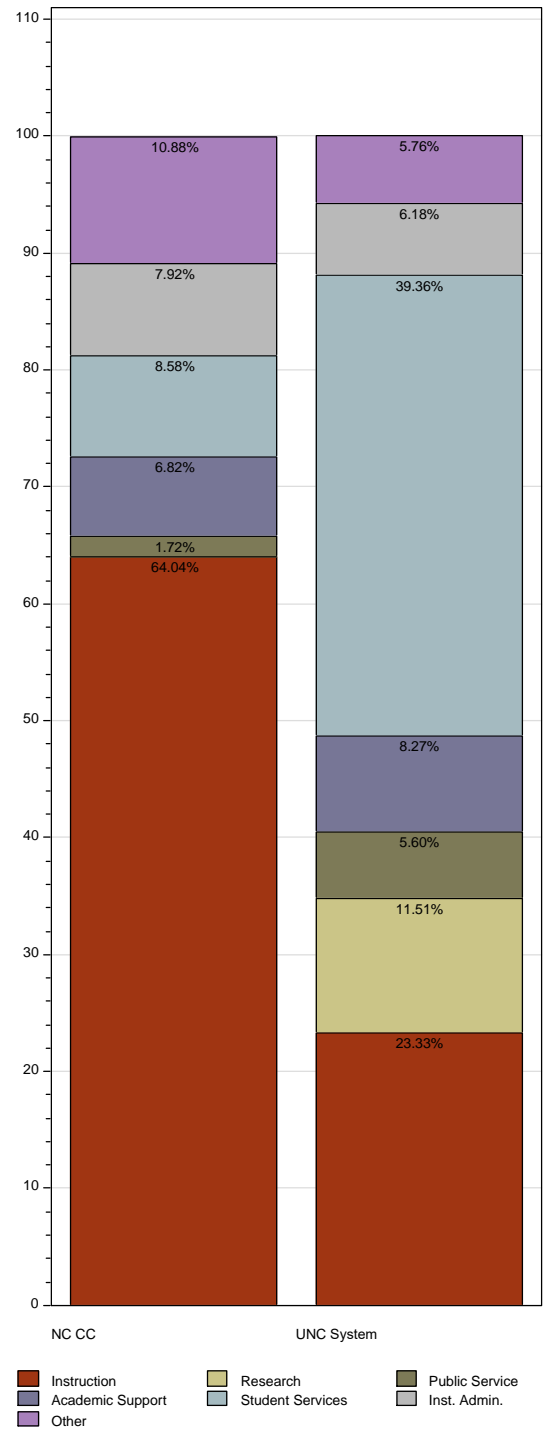
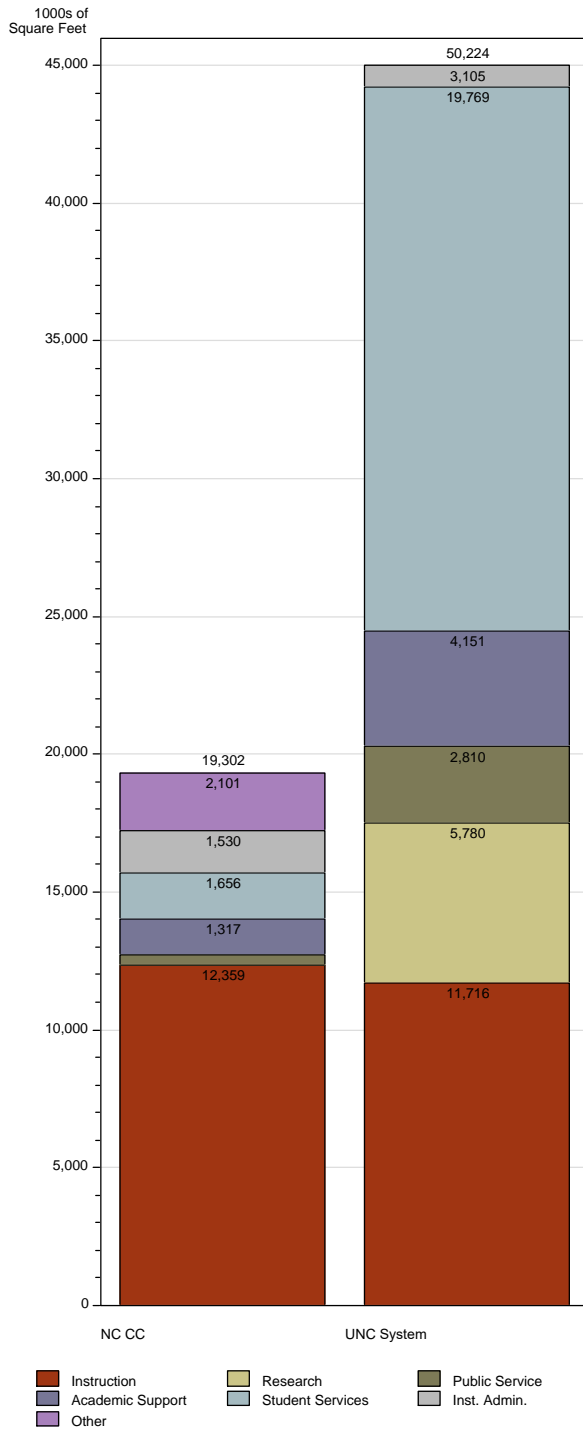
The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

- 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 ultimate 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.



## Percentage Distribution of Assignable Area by Summary Programs



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

	Assignable Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Un- assigned 00
<b>Public Institutions</b>										
<b>Research Universities I</b>										
NC State	9,142,141	19.3	27.5	4.8	6.8	31.8	5.5	1.6	1.1	1.6
NC State Veterinary Med	448,514	21.5	35.3	27.6	6.6	1.4	1.3	4.5	0.7	1.1
UNC-Chapel Hill	7,372,784	22.2	7.5	0.6	11.0	47.1	6.1	3.2	0.8	1.4
UNC-Chapel Hill Hlth Aff.	2,673,117	24.3	49.2	10.3	8.2	0.3	2.7	0.2	1.9	2.8
<b>Subtotal</b>	<b>19,636,556</b>	<b>21.1</b>	<b>23.1</b>	<b>4.5</b>	<b>8.6</b>	<b>32.6</b>	<b>5.3</b>	<b>2.1</b>	<b>1.1</b>	<b>1.7</b>
<b>Doctoral Universities I &amp; II</b>										
East Carolina	3,487,796	29.3	3.0	0.3	6.2	46.0	7.1	2.4	1.4	4.3
East Carolina Hlth Aff.	1,166,993	22.9	17.6	46.0	8.5	0.1	2.8	2.2	-	0.0
N.C. A&T	2,356,324	31.1	7.6	1.0	12.9	33.5	11.3	1.3	0.9	0.3
UNC Charlotte	3,992,984	21.6	7.7	1.6	9.7	51.4	4.6	1.3	-	2.1
UNC Greensboro	3,365,830	20.4	5.0	0.3	8.6	51.7	7.3	2.1	0.8	3.7
<b>Subtotal</b>	<b>14,369,927</b>	<b>24.8</b>	<b>6.7</b>	<b>4.5</b>	<b>9.0</b>	<b>43.1</b>	<b>6.8</b>	<b>1.8</b>	<b>0.7</b>	<b>2.5</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>										
Appalachian	2,797,594	32.3	0.6	2.7	5.5	50.9	5.0	1.6	0.3	1.0
Fayetteville	919,527	28.1	1.0	0.1	10.5	41.1	4.6	1.4	1.3	11.9
NCCU	1,469,937	36.1	2.2	0.6	7.6	36.7	6.1	0.7	1.2	8.9
UNC Pembroke	1,044,982	27.2	0.2	0.2	9.1	48.3	9.0	1.9	-	4.1
UNC Wilmington	2,560,265	18.1	4.8	0.8	7.9	52.8	5.5	0.8	2.1	7.2
Western Carolina	2,104,341	22.7	1.4	0.2	9.8	52.9	6.8	2.8	1.4	1.9
Winston-Salem	1,301,539	20.2	2.6	0.3	7.5	55.1	9.0	1.7	0.7	2.9
<b>Subtotal</b>	<b>12,198,185</b>	<b>26.1</b>	<b>2.0</b>	<b>1.0</b>	<b>7.9</b>	<b>49.4</b>	<b>6.3</b>	<b>1.5</b>	<b>1.1</b>	<b>4.7</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>										
Elizabeth City	864,764	30.4	0.3	2.2	5.3	46.1	5.1	0.9	-	9.6
UNC Asheville	975,657	22.2	1.4	1.1	9.2	52.5	4.7	4.3	1.4	3.2
<b>Subtotal</b>	<b>1,840,421</b>	<b>26.0</b>	<b>0.9</b>	<b>1.6</b>	<b>7.3</b>	<b>49.5</b>	<b>4.9</b>	<b>2.7</b>	<b>0.8</b>	<b>6.2</b>
<b>Schools of Art, Music, &amp; Design</b>										
UNC School of the Arts	820,449	39.6	-	3.1	8.6	29.9	10.9	2.7	0.3	5.0
<b>Subtotal</b>	<b>820,449</b>	<b>39.6</b>	<b>-</b>	<b>3.1</b>	<b>8.6</b>	<b>29.9</b>	<b>10.9</b>	<b>2.7</b>	<b>0.3</b>	<b>5.0</b>
<b>Teaching Hospitals</b>										
UNC Hospitals	1,358,302	1.0	0.5	81.8	-	-	10.8	1.8	1.0	3.1
<b>Subtotal</b>	<b>1,358,302</b>	<b>1.0</b>	<b>0.5</b>	<b>81.8</b>	<b>-</b>	<b>-</b>	<b>10.8</b>	<b>1.8</b>	<b>1.0</b>	<b>3.1</b>
<b>Community Colleges</b>										
Alamance	281,456	76.5	-	1.0	6.3	6.1	8.7	1.3	0.0	0.0
Asheville-Buncombe	630,948	60.4	-	3.4	4.2	6.9	5.9	1.3	3.9	14.0
Beaufort Co.	191,527	63.2	-	4.0	6.6	8.7	9.4	3.2	4.9	0.0
Bladen	105,082	62.4	-	0.2	9.4	13.7	8.5	5.8	-	0.1
Blue Ridge	345,200	68.6	-	0.0	5.0	12.8	4.8	3.0	4.7	1.1
Brunswick	249,217	47.1	0.6	0.8	3.3	6.8	7.2	2.6	31.7	0.0
Caldwell	365,502	69.2	-	0.0	5.6	10.7	4.2	4.0	6.3	0.0
Cape Fear	736,394	70.7	0.0	0.4	6.5	8.0	8.5	1.0	4.6	0.2
Carteret	177,153	69.4	-	-	6.8	7.1	7.9	2.3	3.1	3.4
Catawba Valley	455,002	73.1	-	-	6.4	10.4	5.4	-	4.7	0.0
Central Carolina	466,192	77.5	-	2.1	3.6	7.9	4.1	0.2	4.6	0.0
Central Piedmont	1,437,451	66.3	-	2.1	6.1	6.5	7.8	2.6	1.7	6.9
Cleveland	210,775	68.8	-	1.6	11.8	8.2	9.3	0.3	-	0.0
Coastal Carolina	237,741	72.5	-	0.1	10.3	5.6	8.9	2.6	-	0.0
Coll. of Albemarle	268,203	48.3	-	6.3	5.3	4.4	9.7	1.5	3.3	21.2

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

	Assignable Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Un- assigned 00
Craven	211,508	70.0	-	3.1	8.4	4.4	8.8	0.5	4.8	0.0
Davidson County	348,531	65.7	-	2.3	6.6	5.8	11.9	3.5	1.9	2.2
Durham	359,534	63.5	-	0.2	9.9	4.0	8.6	11.2	2.5	0.0
Edgecombe	202,273	63.8	-	11.1	7.3	7.1	6.2	1.1	3.3	0.0
Fayetteville	665,378	67.9	-	1.1	8.8	9.3	10.6	2.3	0.1	0.0
Forsyth	752,788	66.0	-	0.6	6.3	7.3	8.7	1.5	2.0	7.7
Gaston	482,854	69.9	1.0	-	6.1	8.7	6.4	0.6	7.2	0.1
Guilford	1,189,098	56.4	-	2.0	5.0	5.0	5.7	1.8	0.8	23.3
Halifax	184,830	49.7	-	14.1	8.3	9.1	9.0	2.5	5.3	2.1
Haywood	248,369	60.3	-	0.4	5.0	10.7	6.5	3.8	11.4	1.8
Isothermal	240,641	66.3	-	8.8	6.4	5.6	7.9	2.7	2.2	0.0
James Sprunt	134,076	66.6	-	2.5	11.8	8.5	7.3	3.0	-	0.3
Johnston	330,751	52.8	-	-	7.4	8.8	9.7	4.2	3.7	13.3
Lenoir	324,638	66.5	-	1.4	6.5	9.3	6.5	2.6	7.1	0.0
Martin	169,822	44.1	-	1.5	8.0	39.1	4.4	2.3	0.6	0.0
Mayland	181,618	40.2	-	1.1	6.2	6.4	5.2	2.5	4.3	34.1
McDowell	153,019	69.9	-	1.3	5.2	5.5	9.9	3.8	4.3	0.0
Mitchell	250,728	62.8	-	0.1	6.8	15.4	10.2	1.4	1.4	1.8
Montgomery	95,431	57.0	-	1.9	10.0	7.8	8.9	1.7	9.4	3.3
Nash	247,386	63.5	-	0.0	5.7	6.4	10.5	0.7	6.4	6.7
Pamlico	54,788	63.7	-	-	12.5	9.8	8.7	4.3	1.0	0.0
Piedmont	138,812	60.7	-	1.6	6.9	11.3	11.7	3.3	0.2	4.2
Pitt	448,104	70.8	0.1	-	5.2	9.1	6.3	3.9	0.7	4.0
Randolph	297,579	64.7	-	0.0	3.5	8.6	16.7	0.4	5.6	0.5
Richmond	182,734	60.2	-	16.8	7.8	5.4	7.9	0.4	1.3	0.2
Roanoke-Chowan	118,712	40.4	-	3.3	9.4	13.8	5.6	3.7	18.0	5.8
Robeson	205,845	58.5	-	0.3	6.9	16.6	9.4	1.6	5.9	0.9
Rockingham	229,491	70.9	-	-	7.5	13.2	7.4	0.8	0.2	0.0
Rowan-Cabarrus	382,310	54.1	-	1.4	16.6	10.3	12.9	2.6	0.5	1.5
Sampson	138,580	61.3	-	0.9	10.0	8.4	7.9	2.2	9.2	0.0
Sandhills	339,501	72.9	-	-	7.3	12.7	6.5	0.3	0.2	0.0
South Piedmont	327,972	39.8	-	4.2	4.0	7.8	7.3	1.1	5.5	30.4
Southeastern	182,202	63.6	-	1.6	9.3	12.9	5.8	2.8	0.7	3.3
Southwestern	205,273	62.0	-	2.4	9.4	11.7	11.1	2.1	1.3	0.0
Stanly	149,575	59.4	-	0.5	6.5	9.5	14.7	3.4	4.6	1.5
Surry	331,807	77.9	-	0.1	7.2	5.9	5.1	1.3	2.5	0.0
Tri-County	129,835	71.6	-	0.1	9.2	7.6	11.4	0.2	-	0.0
Vance-Granville	255,398	58.3	-	8.8	7.7	9.1	7.7	1.2	3.1	4.1
Wake	1,124,845	72.9	-	0.2	7.1	8.9	8.1	2.6	0.2	0.0
Wayne	324,353	50.5	-	1.5	8.1	7.7	5.1	3.6	3.8	19.7
Western Piedmont	299,590	53.3	-	-	7.6	8.4	7.4	2.4	3.0	18.0
Wilkes	340,360	61.2	-	0.0	6.5	13.1	6.4	6.1	5.1	1.5
Wilson	163,710	68.3	-	0.5	6.2	7.5	15.8	1.7	-	0.0
<b>Subtotal</b>	<b>19,302,492</b>	<b>64.0</b>	<b>0.0</b>	<b>1.7</b>	<b>6.8</b>	<b>8.6</b>	<b>7.9</b>	<b>2.3</b>	<b>3.3</b>	<b>5.3</b>
<b>Grand Total</b>	<b>69,526,332</b>	<b>34.6</b>	<b>8.3</b>	<b>4.5</b>	<b>7.9</b>	<b>30.8</b>	<b>6.7</b>	<b>2.0</b>	<b>1.6</b>	<b>3.6</b>

This Page Intentionally Left Blank

## 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 a number of 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 as a result 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 Subprograms**

	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	Personal Leisure Instruction 18
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	19.1	-	-	0.2	-	-	-	-
NC State Veterinary Med	21.5	-	-	-	-	-	-	-
UNC-Chapel Hill	21.4	-	-	0.5	0.3	-	-	-
UNC-Chapel Hill Hlth Aff.	24.1	-	0.0	0.1	0.1	-	-	-
<b>Subtotal</b>	<b>20.7</b>	-	<b>0.0</b>	<b>0.3</b>	<b>0.1</b>	-	-	-
<b>Doctoral Universities I &amp; II</b>								
East Carolina	29.3	-	0.0	-	-	-	-	-
East Carolina Hlth Aff.	22.8	-	-	-	0.1	-	-	-
N.C. A&T	31.1	-	-	-	-	-	-	-
UNC Charlotte	21.1	-	-	0.5	-	-	-	-
UNC Greensboro	20.4	-	0.0	-	-	-	-	-
<b>Subtotal</b>	<b>24.7</b>	-	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	-	-	-
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>								
Appalachian	32.3	-	-	-	-	-	-	-
Fayetteville	27.8	-	-	0.3	-	-	-	-
NCCU	36.1	-	-	-	-	-	-	-
UNC Pembroke	27.2	-	-	-	-	-	-	-
UNC Wilmington	18.0	-	-	0.0	-	-	-	-
Western Carolina	22.5	-	-	0.2	-	-	-	0.1
Winston-Salem	20.0	-	0.2	-	-	-	-	-
<b>Subtotal</b>	<b>26.0</b>	-	<b>0.0</b>	<b>0.1</b>	-	-	-	<b>0.0</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>								
Elizabeth City	30.2	-	-	0.2	-	-	-	-
UNC Asheville	21.8	-	-	0.2	-	-	-	0.1
<b>Subtotal</b>	<b>25.8</b>	-	-	<b>0.2</b>	-	-	-	<b>0.0</b>
<b>Schools of Art, Music, &amp; Design</b>								
UNC School of the Arts	39.6	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>39.6</b>	-	-	-	-	-	-	-
<b>Teaching Hospitals</b>								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
<b>Subtotal</b>	<b>0.5</b>	-	-	<b>0.5</b>	-	-	-	-
<b>Community Colleges</b>								
Alamance	23.7	40.5	-	6.9	5.4	0.1	-	-
Asheville-Buncombe	10.3	42.5	1.1	3.3	2.4	-	-	0.8
Beaufort Co.	1.4	48.7	1.6	0.6	10.9	-	-	-
Bladen	27.8	33.2	-	0.7	0.7	-	-	-
Blue Ridge	18.1	45.7	0.6	1.1	3.1	-	-	0.0
Brunswick	1.1	26.2	-	9.5	7.7	-	-	2.7
Caldwell	12.1	43.8	1.4	10.1	1.9	-	-	-
Cape Fear	14.8	50.7	0.6	3.1	1.5	-	-	-
Carteret	4.6	62.3	0.1	1.1	0.7	-	-	0.6
Catawba Valley	21.3	35.0	2.7	1.9	12.0	-	-	0.2
Central Carolina	4.8	55.4	3.1	4.7	9.2	-	-	0.4
Central Piedmont	23.6	33.5	0.6	3.4	5.1	-	-	-
Cleveland	11.0	53.1	-	3.1	0.6	-	0.4	0.6
Coastal Carolina	25.3	38.0	0.8	2.3	6.2	-	-	-



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

	General Academic Instruction	Vocational Technical Instruction	Preparatory Remedial Instruction	General Studies	Occupational Related Instruction	Social Roles Instruction	Home & Family Life	Personal Leisure Instruction
	11	12	13	14	15	16	17	18
Coll. of Albemarle	25.7	18.8	-	3.2	0.6	-	-	-
Craven	20.7	40.6	2.1	2.6	3.9	-	-	-
Davidson County	26.6	29.5	2.0	4.8	2.7	-	0.1	-
Durham	2.3	52.9	0.7	6.2	1.5	-	-	-
Edgecombe	2.9	53.5	0.1	4.0	3.3	0.1	-	-
Fayetteville	3.5	48.2	-	9.3	6.3	-	0.5	0.1
Forsyth	14.4	41.7	1.5	2.8	4.0	-	0.1	1.5
Gaston	20.7	35.2	1.1	7.4	5.4	0.0	-	-
Guilford	5.2	43.2	0.9	3.1	3.8	-	-	0.3
Halifax	12.3	35.5	0.0	1.5	0.4	-	-	-
Haywood	1.3	44.2	0.4	1.7	6.8	-	-	5.9
Isothermal	22.4	32.9	0.9	8.9	0.8	-	-	0.5
James Sprunt	12.3	43.0	0.4	5.9	4.9	-	-	-
Johnston	-	46.5	0.3	0.5	5.5	-	-	-
Lenoir	17.4	34.8	0.5	11.8	1.0	-	-	1.0
Martin	7.4	26.8	1.6	4.1	3.3	-	-	0.9
Mayland	3.7	26.9	0.8	4.1	4.7	-	-	-
McDowell	5.8	57.2	0.4	2.8	3.6	-	-	-
Mitchell	29.9	18.6	0.1	10.8	2.6	-	0.3	0.5
Montgomery	10.2	46.8	-	-	-	-	-	-
Nash	14.2	37.9	-	-	11.2	0.3	-	-
Pamlico	12.4	27.7	-	14.0	9.5	-	-	-
Piedmont	3.5	48.3	1.5	5.8	1.6	-	-	-
Pitt	19.2	43.9	1.2	2.5	3.1	0.8	-	0.1
Randolph	6.7	44.5	-	6.8	6.6	-	-	-
Richmond	3.4	50.7	0.1	5.6	0.3	-	-	-
Roanoke-Chowan	6.6	26.7	2.5	0.1	4.0	0.5	-	-
Robeson	10.7	38.2	-	5.3	4.2	-	-	-
Rockingham	28.2	37.5	-	-	5.2	-	-	-
Rowan-Cabarrus	19.9	32.0	1.0	1.1	-	-	-	-
Sampson	7.4	47.4	0.5	3.1	1.7	-	1.1	0.1
Sandhills	28.3	30.7	0.8	2.5	10.7	-	-	-
South Piedmont	4.7	29.5	2.2	2.4	1.0	-	-	-
Southeastern	17.2	25.6	5.6	1.8	13.4	-	-	-
Southwestern	19.0	30.4	1.8	0.8	9.7	-	-	0.4
Stanly	0.0	49.0	1.3	5.0	4.0	-	-	-
Surry	22.6	35.2	0.2	3.7	16.1	-	-	-
Tri-County	16.9	48.7	1.1	0.8	3.5	-	0.0	0.5
Vance-Granville	19.8	29.5	1.8	4.7	0.6	0.4	-	1.5
Wake	29.1	30.5	0.1	6.8	6.2	-	-	0.2
Wayne	7.2	36.8	0.8	5.8	-	-	-	-
Western Piedmont	20.8	22.9	-	9.2	0.3	-	-	0.1
Wilkes	21.4	33.8	0.1	3.8	2.1	-	-	-
Wilson	4.6	48.3	7.9	3.0	4.5	-	-	-
<b>Subtotal</b>	<b>14.9</b>	<b>39.0</b>	<b>0.9</b>	<b>4.3</b>	<b>4.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>
<b>Grand Total</b>	<b>20.8</b>	<b>10.8</b>	<b>0.3</b>	<b>1.3</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

**Table 14a.**

**Instruction, Research, and Public Service Subprograms**

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	6.9	20.7	-	-	2.0	2.7	0.0
NC State Veterinary Med	-	35.3	15.6	11.9	-	0.1	-
UNC-Chapel Hill	0.6	7.0	0.0	0.1	0.4	0.0	0.1
UNC-Chapel Hill Hlth Aff.	1.6	47.7	4.7	5.2	0.4	0.1	-
<b>Subtotal</b>	<b>3.6</b>	<b>19.5</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.3</b>	<b>0.0</b>
<b>Doctoral Universities I &amp; II</b>							
East Carolina	1.0	1.9	-	0.1	0.1	-	0.1
East Carolina Hlth Aff.	0.6	17.0	28.7	16.8	0.5	-	-
N.C. A&T	2.3	5.3	-	-	0.3	0.7	0.1
UNC Charlotte	2.7	5.0	-	-	1.6	-	-
UNC Greensboro	-	5.0	0.2	-	0.0	-	-
<b>Subtotal</b>	<b>1.4</b>	<b>5.3</b>	<b>2.4</b>	<b>1.4</b>	<b>0.6</b>	<b>0.1</b>	<b>0.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>							
Appalachian	0.1	0.4	0.4	-	2.3	-	-
Fayetteville	-	1.0	-	-	0.1	-	0.0
NCCU	1.3	0.9	-	-	0.2	-	0.4
UNC Pembroke	-	0.2	-	-	0.2	-	-
UNC Wilmington	4.5	0.4	0.0	0.1	0.6	-	-
Western Carolina	0.8	0.7	-	0.0	0.2	-	0.0
Winston-Salem	1.1	1.5	-	-	0.3	-	0.0
<b>Subtotal</b>	<b>1.4</b>	<b>0.7</b>	<b>0.1</b>	<b>0.0</b>	<b>0.8</b>	<b>-</b>	<b>0.1</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>							
Elizabeth City	-	0.3	-	-	1.8	-	0.3
UNC Asheville	0.4	1.0	-	-	1.1	-	-
<b>Subtotal</b>	<b>0.2</b>	<b>0.7</b>	<b>-</b>	<b>-</b>	<b>1.4</b>	<b>-</b>	<b>0.2</b>
<b>Schools of Art, Music, &amp; Design</b>							
UNC School of the Arts	-	-	-	-	3.1	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.1</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>							
UNC Hospitals	-	0.5	33.4	48.4	-	-	-
<b>Subtotal</b>	<b>-</b>	<b>0.5</b>	<b>33.4</b>	<b>48.4</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>							
Alamance	-	-	-	-	1.0	-	-
Asheville-Buncombe	-	-	0.6	-	1.1	1.7	-
Beaufort Co.	-	-	-	-	4.0	-	0.0
Bladen	-	-	-	-	0.2	-	-
Blue Ridge	-	-	-	-	0.0	-	-
Brunswick	0.6	-	-	-	0.8	-	-
Caldwell	-	-	-	-	0.0	-	-
Cape Fear	-	0.0	-	0.4	-	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	0.5	1.6	-	-
Central Piedmont	-	-	-	-	-	-	2.1
Cleveland	-	-	-	-	1.6	-	-
Coastal Carolina	-	-	-	-	0.1	-	-

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Coll. of Albemarle	-	-	-	-	6.3	-	-
Craven	-	-	-	-	1.8	-	1.3
Davidson County	-	-	-	-	2.3	-	-
Durham	-	-	-	0.0	0.2	-	-
Edgecombe	-	-	-	0.6	10.6	-	-
Fayetteville	-	-	-	-	1.1	-	-
Forsyth	-	-	-	-	0.1	-	0.4
Gaston	-	1.0	-	-	-	-	-
Guilford	-	-	-	-	2.0	-	-
Halifax	-	-	-	-	14.1	-	-
Haywood	-	-	-	-	0.4	-	-
Isothermal	-	-	-	-	8.2	-	0.6
James Sprunt	-	-	-	-	2.5	-	-
Johnston	-	-	-	-	-	-	-
Lenoir	-	-	-	-	1.4	-	-
Martin	-	-	-	-	1.5	-	-
Mayland	-	-	-	-	1.1	-	-
McDowell	-	-	-	-	1.3	-	-
Mitchell	-	-	-	-	0.1	-	-
Montgomery	-	-	-	-	1.9	-	-
Nash	-	-	-	-	0.0	-	-
Pamlico	-	-	-	-	-	-	-
Piedmont	-	-	-	-	1.6	-	-
Pitt	0.1	-	-	-	-	-	-
Randolph	-	-	-	-	0.0	-	-
Richmond	-	-	-	-	16.8	-	-
Roanoke-Chowan	-	-	-	-	3.3	-	-
Robeson	-	-	-	-	0.2	0.1	-
Rockingham	-	-	-	-	-	-	-
Rowan-Cabarrus	-	-	-	-	1.4	-	-
Sampson	-	-	-	-	0.9	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	4.2	-	-
Southeastern	-	-	-	-	1.0	-	0.7
Southwestern	-	-	-	-	2.4	-	-
Stanly	-	-	-	-	0.5	-	-
Surry	-	-	-	0.1	-	-	-
Tri-County	-	-	-	-	0.1	-	-
Vance-Granville	-	-	-	1.6	7.2	-	-
Wake	-	-	0.2	-	-	-	-
Wayne	-	-	-	-	1.5	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	-	0.0	-	-
Wilson	-	-	-	-	0.5	-	-
<b>Subtotal</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>1.4</b>	<b>0.1</b>	<b>0.2</b>
<b>Grand Total</b>	<b>1.6</b>	<b>6.8</b>	<b>1.5</b>	<b>1.5</b>	<b>1.0</b>	<b>0.4</b>	<b>0.1</b>

**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 Subprograms**

	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
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	3.7	0.2	0.4	0.6	0.0	1.9	0.0	0.0
NC State Veterinary Med	2.7	-	0.3	0.3	0.0	3.2	-	-
UNC-Chapel Hill	8.4	0.5	0.1	0.4	0.1	1.4	0.0	0.2
UNC-Chapel Hill Hlth Aff.	2.3	0.0	0.0	0.2	1.4	4.2	0.0	0.0
<b>Subtotal</b>	<b>5.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.5</b>	<b>0.3</b>	<b>2.0</b>	<b>0.0</b>	<b>0.1</b>
<b>Doctoral Universities I &amp; II</b>								
East Carolina	5.0	0.2	0.1	0.1	0.2	0.6	-	-
East Carolina Hlth Aff.	6.0	0.2	0.2	-	0.0	2.0	-	-
N.C. A&T	4.9	0.7	0.1	0.2	3.8	3.3	-	-
UNC Charlotte	5.2	0.1	0.0	0.4	0.0	3.9	-	-
UNC Greensboro	3.7	0.8	0.4	0.1	0.4	3.3	-	0.0
<b>Subtotal</b>	<b>4.8</b>	<b>0.4</b>	<b>0.2</b>	<b>0.2</b>	<b>0.8</b>	<b>2.7</b>	<b>-</b>	<b>0.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>								
Appalachian	3.7	-	-	0.3	0.2	1.2	0.1	-
Fayetteville	7.2	0.0	0.5	0.7	0.7	1.4	-	-
NCCU	4.3	0.3	0.1	0.4	0.5	1.8	-	0.2
UNC Pembroke	3.6	0.7	0.1	0.3	-	4.4	-	0.0
UNC Wilmington	4.4	0.5	0.1	0.4	0.0	2.4	0.0	0.1
Western Carolina	5.6	0.9	0.1	0.1	0.6	2.4	-	0.2
Winston-Salem	3.3	0.9	0.1	0.4	0.2	2.5	-	-
<b>Subtotal</b>	<b>4.5</b>	<b>0.4</b>	<b>0.1</b>	<b>0.4</b>	<b>0.3</b>	<b>2.2</b>	<b>0.0</b>	<b>0.1</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>								
Elizabeth City	4.1	0.1	-	0.4	0.4	0.3	-	-
UNC Asheville	6.5	0.3	0.5	1.0	0.5	0.3	-	0.1
<b>Subtotal</b>	<b>5.3</b>	<b>0.2</b>	<b>0.3</b>	<b>0.7</b>	<b>0.4</b>	<b>0.3</b>	<b>-</b>	<b>0.0</b>
<b>Schools of Art, Music, &amp; Design</b>								
UNC School of the Arts	6.7	0.2	0.0	0.0	0.1	1.5	-	-
<b>Subtotal</b>	<b>6.7</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>1.5</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	-	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>								
Alamance	3.9	0.3	-	-	0.8	1.3	-	-
Asheville-Buncombe	3.2	-	0.4	0.1	0.4	0.0	-	-
Beaufort Co.	5.2	-	-	-	-	1.4	-	-
Bladen	6.4	-	-	-	-	2.9	-	-
Blue Ridge	3.4	0.0	0.6	-	-	0.6	-	0.3
Brunswick	2.4	-	0.3	0.0	-	0.5	-	-
Caldwell	3.9	-	0.7	-	-	1.0	-	-
Cape Fear	4.3	0.0	0.5	0.0	1.0	0.6	0.1	-
Carteret	3.6	-	-	-	1.6	1.7	-	-
Catawba Valley	4.0	0.1	0.7	0.2	-	1.5	-	-
Central Carolina	2.9	-	0.1	-	0.1	0.3	-	-
Central Piedmont	3.9	0.1	0.3	0.1	-	1.2	0.4	0.1
Cleveland	7.2	-	3.0	0.1	-	1.6	-	-
Coastal Carolina	7.0	-	0.1	0.1	-	3.1	-	-

**Table 14b. Academic Support Subprograms**

	Library Services	Museums & Galleries	Educational & Media Services	Academic Computing Support	Ancillary Support	Academic Admin.	Course & Curriculum Dev.	Academic Personnel Dev.
	41	42	43	44	45	46	47	48
Coll. of Albemarle	1.0	0.5	-	-	-	3.8	-	-
Craven	6.1	-	-	0.1	-	2.2	-	-
Davidson County	3.7	-	0.1	-	1.8	1.1	-	-
Durham	4.3	-	0.2	0.1	-	4.9	0.4	0.1
Edgecombe	5.2	-	0.5	0.4	-	1.1	0.1	-
Fayetteville	3.6	0.1	1.2	0.1	1.8	2.0	-	-
Forsyth	2.3	0.1	0.4	0.3	-	2.6	0.1	0.4
Gaston	3.1	0.5	0.4	0.1	0.2	1.9	-	-
Guilford	2.5	-	-	0.0	1.4	1.1	-	-
Halifax	5.5	-	-	-	1.6	1.2	-	-
Haywood	4.3	0.2	-	-	-	0.5	-	-
Isothermal	3.9	-	-	-	-	2.5	-	-
James Sprunt	5.8	0.4	0.1	2.3	-	3.2	-	0.1
Johnston	4.4	0.9	0.2	-	1.3	0.7	-	-
Lenoir	4.4	0.9	0.1	0.0	-	1.1	-	-
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	4.7	-	0.2	-	-	1.3	-	-
McDowell	3.3	0.3	-	-	0.2	1.4	-	-
Mitchell	3.4	0.2	0.8	0.0	-	2.4	-	-
Montgomery	8.3	-	-	1.3	-	0.4	-	-
Nash	4.2	0.2	0.6	-	0.1	0.5	-	-
Pamlico	9.0	-	0.3	1.9	-	1.4	-	-
Piedmont	4.6	-	0.3	0.1	0.4	1.6	-	-
Pitt	1.7	-	0.0	-	0.1	3.1	-	0.2
Randolph	2.6	-	0.2	0.1	-	0.7	-	-
Richmond	5.9	-	0.7	0.4	-	0.8	-	-
Roanoke-Chowan	7.9	-	-	-	-	1.6	-	-
Robeson	5.4	-	0.1	0.1	-	1.3	-	-
Rockingham	4.4	0.8	-	-	-	2.4	-	-
Rowan-Cabarrus	5.7	-	0.3	0.3	1.0	9.2	0.2	-
Sampson	8.8	-	-	0.1	-	1.1	-	-
Sandhills	5.5	0.4	0.6	-	0.4	0.4	-	-
South Piedmont	2.8	-	0.4	-	-	0.8	-	-
Southeastern	5.7	0.2	1.0	0.4	1.5	0.5	-	-
Southwestern	4.4	-	0.4	0.3	1.5	2.9	-	-
Stanly	4.8	-	1.2	0.1	-	0.4	-	-
Surry	6.8	-	0.0	-	-	0.4	-	-
Tri-County	4.6	-	-	0.1	3.5	1.0	-	-
Vance-Granville	3.2	-	-	-	2.3	2.2	-	-
Wake	4.3	-	0.6	-	1.4	0.8	-	-
Wayne	5.3	-	0.8	0.0	1.0	0.8	0.1	-
Western Piedmont	5.0	-	0.2	0.1	-	2.4	-	-
Wilkes	5.2	-	0.1	-	0.4	0.8	-	-
Wilson	4.3	-	0.1	-	-	1.8	-	-
<b>Subtotal</b>	<b>4.1</b>	<b>0.1</b>	<b>0.3</b>	<b>0.1</b>	<b>0.5</b>	<b>1.6</b>	<b>0.1</b>	<b>0.0</b>
<b>Grand Total</b>	<b>4.6</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>

## 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 provide assistance 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

	Student Svc Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter- coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	0.2	2.1	0.2	0.1	23.2	5.4	0.5	0.1	0.4	0.1	0.3	0.5
NC State Veterinary Med	-	-	-	-	1.4	-	-	-	2.0	0.2	0.9	1.2
UNC-Chapel Hill	0.6	3.0	0.3	0.1	32.5	10.1	0.5	0.2	0.6	0.4	1.0	0.5
UNC-Chapel Hill Hlth Aff.	0.1	0.0	0.0	0.0	0.2	-	-	-	0.1	0.1	0.0	0.0
<b>Subtotal</b>	<b>0.3</b>	<b>2.1</b>	<b>0.2</b>	<b>0.1</b>	<b>23.1</b>	<b>6.3</b>	<b>0.4</b>	<b>0.1</b>	<b>0.5</b>	<b>0.2</b>	<b>0.5</b>	<b>0.5</b>
<b>Doctoral Universities I &amp; II</b>												
East Carolina	1.6	8.2	0.1	0.1	30.1	5.3	0.4	0.3	1.4	0.1	-	0.4
East Carolina Hlth Aff.	-	-	-	-	0.1	-	-	0.0	0.0	0.1	1.7	0.4
N.C. A&T	0.3	4.3	0.5	0.2	24.1	3.4	0.8	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	0.8	6.4	0.3	0.1	40.8	2.4	0.6	0.2	0.8	0.2	0.0	0.0
UNC Greensboro	0.1	5.2	0.2	-	42.7	2.9	0.7	0.1	0.8	0.0	0.7	0.3
<b>Subtotal</b>	<b>0.7</b>	<b>5.7</b>	<b>0.2</b>	<b>0.1</b>	<b>32.6</b>	<b>3.2</b>	<b>0.6</b>	<b>0.2</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>	<b>0.2</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>												
Appalachian	0.1	11.0	0.3	0.3	33.7	5.0	0.5	0.5	0.9	-	0.2	-
Fayetteville	0.7	6.8	0.5	0.0	29.3	3.3	0.5	0.3	0.2	0.1	0.2	0.5
NCCU	0.6	3.4	0.8	0.3	28.6	2.7	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	5.5	0.3	0.4	38.8	2.1	0.8	0.6	0.7	0.3	0.2	0.1
UNC Wilmington	0.7	7.6	0.2	0.0	40.0	3.8	0.5	0.4	0.2	0.1	0.2	0.0
Western Carolina	0.3	9.8	0.6	0.1	38.7	3.2	0.3	2.2	0.4	0.0	0.1	0.1
Winston-Salem	1.4	8.1	0.3	0.1	41.5	3.1	0.6	0.9	0.3	0.2	0.1	0.1
<b>Subtotal</b>	<b>0.5</b>	<b>8.1</b>	<b>0.4</b>	<b>0.2</b>	<b>36.2</b>	<b>3.6</b>	<b>0.5</b>	<b>0.8</b>	<b>0.5</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>												
Elizabeth City	0.5	5.2	0.5	0.2	37.7	1.7	0.3	0.5	0.4	-	0.1	-
UNC Asheville	0.1	8.3	0.3	0.2	36.1	6.8	0.6	0.0	2.0	0.2	2.0	-
<b>Subtotal</b>	<b>0.3</b>	<b>6.9</b>	<b>0.4</b>	<b>0.2</b>	<b>36.8</b>	<b>4.4</b>	<b>0.5</b>	<b>0.2</b>	<b>1.2</b>	<b>0.1</b>	<b>1.1</b>	<b>-</b>
<b>Schools of Art, Music, &amp; Design</b>												
UNC School of the Arts	0.1	7.9	0.2	0.3	21.0	-	0.5	0.5	1.2	0.2	-	0.7
<b>Subtotal</b>	<b>0.1</b>	<b>7.9</b>	<b>0.2</b>	<b>0.3</b>	<b>21.0</b>	<b>-</b>	<b>0.5</b>	<b>0.5</b>	<b>1.2</b>	<b>0.2</b>	<b>-</b>	<b>0.7</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.4</b>	<b>0.5</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>												
Alamance	0.1	1.8	0.1	0.4	3.7	-	-	-	1.3	-	-	-
Asheville-Buncombe	0.7	2.4	0.6	0.4	2.9	-	-	0.5	0.2	0.4	-	0.0
Beaufort Co.	1.2	1.3	0.1	0.5	5.5	-	-	-	3.2	-	-	-
Bladen	1.2	8.2	-	0.4	3.9	-	-	-	3.4	0.3	0.2	1.8
Blue Ridge	0.3	8.1	1.2	-	3.2	-	-	0.0	1.9	0.3	-	0.9
Brunswick	0.5	0.7	0.3	0.4	4.9	-	0.0	-	2.4	0.1	-	0.1
Caldwell	0.0	6.8	1.1	0.1	2.6	-	-	0.0	3.9	-	-	0.0
Cape Fear	2.6	1.4	1.3	0.3	2.5	-	-	0.2	0.5	0.3	-	-
Carteret	1.0	2.4	1.7	0.1	1.8	-	-	0.7	1.3	0.3	-	-
Catawba Valley	0.0	2.7	0.9	0.0	1.8	5.0	-	-	-	-	-	-
Central Carolina	0.3	1.7	0.5	0.0	5.5	-	-	-	-	0.2	-	-
Central Piedmont	0.8	3.2	1.0	0.5	1.2	-	-	0.2	1.9	0.2	-	0.4
Cleveland	0.6	3.3	1.5	0.3	2.5	-	-	0.3	-	-	-	-
Coastal Carolina	0.1	1.3	0.9	0.1	3.2	-	-	-	1.6	0.8	0.1	-

Table 14c.

## Student Service and Physical Plant Operations Subprograms

	Student Svcs Admin	Social & Cultural Dev.	Couns / Career Guid.	Finan. Aid Admin.	Student Aux. Svcs	Inter- coll Athl.	Student Hlth/Med Svc.	Phys. Plant Admin.	Bldg. Maint.	Cust'l Svcs.	Utilities	Landscp Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Coll. of Albemarle	1.1	1.0	-	0.5	1.8	-	-	-	1.2	-	0.3	-
Craven	0.1	2.1	0.4	-	1.8	-	-	-	0.4	0.2	-	-
Davidson County	0.2	0.4	0.8	-	4.4	-	-	0.0	3.4	0.1	0.0	-
Durham	0.5	0.7	1.0	0.8	1.0	-	-	0.7	9.8	0.2	0.0	0.5
Edgecombe	0.5	5.1	0.2	0.2	1.1	-	-	0.5	0.5	0.0	-	-
Fayetteville	2.6	2.2	0.4	0.1	4.0	-	-	0.5	1.2	0.2	0.1	0.3
Forsyth	0.7	2.1	1.0	0.3	3.1	0.0	-	0.6	0.7	0.0	0.0	0.0
Gaston	0.8	3.8	0.6	0.4	3.1	-	0.0	-	0.3	0.1	0.0	0.2
Guilford	0.1	1.7	0.5	0.1	2.5	0.0	-	0.2	0.8	0.3	0.1	0.3
Halifax	0.4	2.7	0.7	0.7	4.6	-	-	0.1	2.4	-	-	-
Haywood	0.6	6.9	0.1	0.3	3.0	-	-	0.6	1.6	0.1	-	1.6
Isothermal	0.1	2.8	0.7	0.1	1.9	-	-	0.3	1.7	0.4	0.3	-
James Sprunt	1.0	1.8	1.9	1.0	2.8	-	-	-	2.9	0.1	-	-
Johnston	1.0	0.9	1.1	0.7	5.2	-	-	0.1	2.9	0.2	-	1.0
Lenoir	-	6.2	0.1	0.3	1.9	0.7	-	0.3	2.0	-	-	0.4
Martin	0.8	34.4	0.5	0.2	3.1	-	-	0.1	1.9	0.2	-	-
Mayland	-	0.4	0.6	0.4	5.0	-	-	-	2.3	0.0	0.1	-
McDowell	0.3	-	1.0	0.1	4.1	-	-	-	2.2	-	-	1.6
Mitchell	1.0	6.8	1.6	0.5	5.4	-	-	0.1	1.2	0.2	-	-
Montgomery	0.4	4.4	1.1	0.3	1.7	-	-	0.1	1.2	0.1	-	0.3
Nash	0.8	-	1.2	0.2	4.2	-	-	-	0.7	-	-	-
Pamlico	1.9	1.5	1.7	0.4	4.4	-	-	-	3.8	0.5	-	-
Piedmont	3.4	0.6	0.2	0.2	6.9	-	-	-	2.5	0.1	-	0.8
Pitt	0.9	3.5	1.4	0.1	3.0	0.1	-	3.9	-	-	-	-
Randolph	0.7	1.3	1.1	0.5	4.8	-	-	0.2	0.0	0.2	-	-
Richmond	0.3	2.9	1.1	0.1	1.0	-	0.1	-	0.3	0.1	-	-
Roanoke-Chowan	-	10.0	1.4	0.2	2.2	-	-	0.2	-	-	-	3.5
Robeson	0.5	7.9	0.8	0.7	6.6	-	-	0.1	0.7	0.7	-	-
Rockingham	0.3	4.8	4.6	0.3	3.2	-	-	0.0	0.5	0.1	-	0.2
Rowan-Cabarrus	0.5	-	2.1	0.3	7.4	-	-	-	2.6	-	-	-
Sampson	0.1	2.4	1.0	0.1	4.7	-	-	0.1	2.1	-	-	-
Sandhills	0.1	4.7	1.0	0.2	6.8	-	-	-	-	0.0	-	0.3
South Piedmont	0.6	4.1	0.7	0.1	2.2	-	-	0.0	0.9	0.1	0.1	-
Southeastern	0.2	6.0	3.4	0.3	3.0	-	-	0.3	2.4	-	-	-
Southwestern	0.2	6.9	1.5	0.6	2.6	-	-	0.4	1.2	0.3	0.2	-
Stanly	1.6	2.7	0.3	0.3	4.6	-	-	0.2	3.2	-	-	-
Surry	1.0	0.8	0.2	0.3	3.5	0.1	-	0.0	1.2	-	-	-
Tri-County	0.9	4.1	0.0	0.2	2.4	-	-	-	-	-	0.2	-
Vance-Granville	0.9	-	3.0	0.6	4.3	0.2	-	0.5	0.5	-	0.2	-
Wake	0.2	1.5	2.1	0.4	4.5	0.1	-	0.4	2.1	-	0.1	-
Wayne	0.2	2.9	0.8	0.5	3.3	-	0.0	-	3.6	-	0.0	-
Western Piedmont	1.1	1.6	0.6	0.2	4.6	0.2	-	0.1	1.0	0.3	0.0	0.9
Wilkes	0.1	9.6	1.1	0.5	1.8	-	-	2.0	0.5	0.3	-	3.4
Wilson	0.3	3.2	0.8	0.6	2.5	-	-	0.3	1.3	0.2	-	-
<b>Subtotal</b>	<b>0.7</b>	<b>3.1</b>	<b>1.0</b>	<b>0.3</b>	<b>3.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>1.5</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>
<b>Grand Total</b>	<b>0.5</b>	<b>4.3</b>	<b>0.5</b>	<b>0.2</b>	<b>21.8</b>	<b>3.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.9</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>

**TABLE 14d:**

**INSTITUTIONAL ADMINISTRATION, INDEPENDENT  
OPERATIONS, AND UNASSIGNED SUBPROGRAMS**

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 with the exception of 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 and Unassigned Subprograms

	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Ind. Operations Inst. 91	Ext. Agency 92	Unassigned Usable 01	Unusable 02
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	0.4	0.2	2.1	1.0	0.8	0.8	0.1	-	0.0	1.1	0.7	0.9
NC State Veterinary Med	-	0.5	0.4	0.2	0.2	-	-	-	-	0.7	1.1	-
UNC-Chapel Hill	0.3	0.7	2.3	1.4	0.3	0.9	0.1	0.0	0.3	0.5	0.8	0.6
UNC-Chapel Hill Hlth Aff.	0.1	0.6	1.7	0.2	0.1	0.0	0.0	0.0	1.0	1.0	1.2	1.6
<b>Subtotal</b>	<b>0.3</b>	<b>0.4</b>	<b>2.1</b>	<b>1.0</b>	<b>0.5</b>	<b>0.7</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>0.8</b>	<b>0.8</b>	<b>0.9</b>
<b>Doctoral Universities I &amp; II</b>												
East Carolina	1.2	2.3	1.8	0.8	0.5	0.3	0.1	0.1	-	1.4	0.1	4.2
East Carolina Hlth Aff.	0.0	1.5	0.1	0.5	-	0.5	-	0.1	-	-	0.0	-
N.C. A&T	0.5	0.5	8.5	0.8	0.4	0.4	0.2	0.1	0.4	0.5	0.1	0.2
UNC Charlotte	0.4	0.5	1.6	0.6	0.4	0.9	0.2	0.1	-	-	0.4	1.7
UNC Greensboro	0.4	0.3	4.0	0.9	0.8	0.7	0.2	0.1	0.1	0.8	0.3	3.4
<b>Subtotal</b>	<b>0.6</b>	<b>1.0</b>	<b>3.2</b>	<b>0.7</b>	<b>0.5</b>	<b>0.6</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.6</b>	<b>0.2</b>	<b>2.3</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>												
Appalachian	0.3	0.4	2.1	0.4	0.5	0.7	0.3	0.2	0.1	0.2	0.0	1.0
Fayetteville	1.0	0.8	1.4	0.1	0.8	0.3	0.1	0.1	0.3	1.0	4.6	7.3
NCCU	0.7	0.4	2.7	0.7	0.8	0.4	0.3	0.1	0.1	1.1	1.0	7.9
UNC Pembroke	1.5	0.6	4.6	0.1	1.1	0.6	0.2	0.2	-	-	4.1	-
UNC Wilmington	0.6	0.5	2.6	0.7	0.1	0.4	0.3	0.3	0.5	1.6	0.0	7.1
Western Carolina	0.5	0.4	0.8	0.6	3.0	0.8	0.3	0.3	0.4	1.0	0.1	1.8
Winston-Salem	0.7	1.0	4.3	0.5	1.7	0.5	0.1	0.1	0.5	0.2	0.8	2.0
<b>Subtotal</b>	<b>0.7</b>	<b>0.5</b>	<b>2.4</b>	<b>0.5</b>	<b>1.1</b>	<b>0.6</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>	<b>0.8</b>	<b>0.9</b>	<b>3.7</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>												
Elizabeth City	0.7	0.5	1.3	0.9	1.2	0.2	0.2	0.2	-	-	8.0	1.7
UNC Asheville	1.2	0.5	0.7	0.0	0.9	0.7	0.5	0.1	0.0	1.4	0.0	3.2
<b>Subtotal</b>	<b>1.0</b>	<b>0.5</b>	<b>1.0</b>	<b>0.4</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.8</b>	<b>3.8</b>	<b>2.5</b>
<b>Schools of Art, Music, &amp; Design</b>												
UNC School of the Arts	0.4	0.2	6.4	0.4	1.8	1.2	0.3	0.3	0.3	-	2.6	2.4
<b>Subtotal</b>	<b>0.4</b>	<b>0.2</b>	<b>6.4</b>	<b>0.4</b>	<b>1.8</b>	<b>1.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>-</b>	<b>2.6</b>	<b>2.4</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
<b>Subtotal</b>	<b>0.6</b>	<b>3.7</b>	<b>4.3</b>	<b>1.6</b>	<b>0.5</b>	<b>0.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.0</b>	<b>0.7</b>	<b>2.3</b>
<b>Community Colleges</b>												
Alamance	1.5	0.8	3.3	0.7	1.4	0.4	0.1	0.5	-	0.0	-	-
Asheville-Buncombe	0.8	1.2	1.8	0.8	0.3	0.2	0.4	0.4	-	3.9	9.8	4.1
Beaufort Co.	1.6	2.1	2.7	0.3	1.8	0.1	0.4	0.3	-	4.9	-	-
Bladen	1.0	0.9	4.6	0.4	0.6	0.1	-	1.0	-	-	-	0.1
Blue Ridge	1.5	0.6	1.0	0.9	0.2	0.1	-	0.5	-	4.7	0.0	1.1
Brunswick	1.4	0.8	3.1	0.5	0.4	0.3	0.3	0.3	23.8	7.9	-	-
Caldwell	1.4	0.7	1.0	0.4	0.1	0.1	0.4	0.1	-	6.3	-	-
Cape Fear	1.2	1.3	2.9	1.2	0.4	0.6	0.6	0.2	2.1	2.5	0.1	0.2
Carteret	2.5	0.5	3.8	0.6	0.0	0.3	0.1	0.1	-	3.1	-	3.4
Catawba Valley	1.3	0.6	1.4	0.5	-	0.2	1.2	0.3	-	4.7	-	-
Central Carolina	1.7	0.4	1.0	0.4	0.4	0.1	0.0	0.2	4.6	-	-	-
Central Piedmont	0.6	0.8	2.4	2.0	-	0.7	1.0	0.3	0.1	1.6	-	6.9
Cleveland	1.3	1.2	3.0	1.3	1.0	1.1	0.4	0.2	-	-	-	-
Coastal Carolina	0.6	0.7	6.7	0.4	0.2	0.1	-	0.3	-	-	-	-

Table 14d.

## Institutional Administration, Independent Operations and Unassigned Subprograms

	Exec. Mgmt	Fin. Mgmt	Gen Ad Log Svc	Admin Comp	Fac/Stf Aux. Svcs	P.R. Devel.	Stud. Admiss	Stud. Records	Ind. Operations		Unassigned	
									Inst.	Ext. Agency	Usable	Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Coll. of Albemarle	0.8	0.6	5.1	0.4	2.0	0.4	0.3	0.1	-	3.3	2.6	18.6
Craven	1.6	1.3	2.4	0.8	-	0.4	1.6	0.7	-	4.8	-	-
Davidson County	0.7	0.9	8.0	-	1.7	0.4	-	0.1	-	1.9	2.2	-
Durham	1.5	0.5	1.9	1.1	0.8	0.4	2.1	0.3	-	2.5	-	-
Edgecombe	1.0	0.7	2.8	0.4	0.1	0.5	0.4	0.4	0.1	3.2	0.0	-
Fayetteville	1.6	1.1	4.2	1.0	0.3	0.2	1.8	0.3	-	0.1	-	-
Forsyth	1.3	1.2	3.0	1.1	0.7	1.0	0.2	0.3	-	2.0	-	7.7
Gaston	0.5	0.6	3.0	1.0	0.7	0.0	0.4	0.3	-	7.2	0.1	-
Guilford	0.5	0.9	3.1	0.6	0.2	0.0	0.2	0.1	-	0.8	17.1	6.2
Halifax	0.9	1.6	3.7	0.9	0.4	0.2	0.8	0.5	-	5.3	2.1	-
Haywood	0.8	0.9	2.4	1.4	0.1	0.2	0.6	0.1	4.7	6.7	-	1.8
Isothermal	1.0	0.8	4.6	0.9	0.1	-	0.1	0.4	-	2.2	-	-
James Sprunt	1.2	3.0	0.5	1.5	0.3	0.6	-	0.3	-	-	0.3	-
Johnston	1.3	1.5	3.6	1.6	0.7	0.5	0.2	0.3	0.1	3.5	-	13.3
Lenoir	0.8	1.1	1.2	0.7	0.8	0.2	1.4	0.3	0.0	7.1	-	-
Martin	0.8	0.7	1.8	0.5	0.4	0.1	0.1	-	-	0.6	-	-
Mayland	1.4	0.4	1.6	0.7	0.5	0.2	0.3	0.2	-	4.3	-	34.1
McDowell	0.5	0.8	5.5	1.3	1.5	0.1	-	0.2	-	4.3	-	-
Mitchell	2.6	2.7	2.3	1.1	0.9	-	0.7	-	-	1.4	0.2	1.7
Montgomery	4.4	1.1	1.3	1.4	-	0.3	0.3	0.3	-	9.4	-	3.3
Nash	1.3	0.4	2.0	1.4	4.8	0.2	0.2	0.1	6.4	-	-	6.7
Pamlico	4.6	1.5	0.4	1.8	0.5	-	-	-	-	1.0	-	-
Piedmont	2.2	1.1	5.6	0.5	1.9	0.2	0.0	0.3	-	0.2	-	4.2
Pitt	0.4	0.8	2.0	1.6	0.5	0.5	0.1	0.3	-	0.7	-	4.0
Randolph	0.4	0.5	13.4	1.3	0.5	0.6	-	0.0	1.3	4.3	-	0.5
Richmond	2.6	0.7	3.1	0.1	0.6	0.3	0.1	0.5	-	1.3	-	-
Roanoke-Chowan	1.3	1.0	1.5	0.8	-	-	0.6	0.4	-	18.0	-	5.8
Robeson	1.5	0.8	4.2	1.0	0.3	0.2	0.8	0.6	0.3	5.6	-	0.9
Rockingham	0.8	0.8	3.0	1.2	0.8	0.2	0.2	0.4	-	0.2	-	-
Rowan-Cabarrus	1.4	-	8.1	2.4	0.7	-	0.1	0.2	-	0.5	-	1.5
Sampson	1.7	1.5	2.5	1.2	-	0.2	0.1	0.7	-	9.2	-	-
Sandhills	0.5	0.7	0.9	0.7	2.2	0.9	0.3	0.3	-	0.2	-	-
South Piedmont	1.8	0.7	2.4	0.7	0.8	0.6	0.1	0.2	-	5.5	-	30.4
Southeastern	1.0	0.8	2.1	0.9	0.2	0.2	0.1	0.5	-	0.7	2.9	0.4
Southwestern	0.9	1.0	3.5	1.9	1.8	0.8	0.8	0.4	-	1.3	-	-
Stanly	4.8	1.7	2.5	1.9	0.2	-	0.2	3.3	-	4.6	1.5	-
Surry	0.9	0.8	2.0	1.2	0.1	0.2	-	-	-	2.5	-	-
Tri-County	1.6	0.6	8.0	0.8	-	-	0.1	0.2	-	-	-	-
Vance-Granville	0.9	1.0	3.9	0.6	0.7	0.3	0.0	0.4	-	3.1	4.1	-
Wake	0.8	0.4	3.0	1.4	0.1	0.3	1.7	0.4	-	0.2	-	-
Wayne	1.1	0.4	1.3	0.6	0.8	0.0	0.5	0.3	0.3	3.5	0.2	19.4
Western Piedmont	1.3	0.6	1.5	1.7	0.4	1.4	0.3	0.4	-	3.0	-	18.0
Wilkes	0.8	0.5	3.3	0.8	0.1	0.2	0.6	0.2	2.7	2.5	-	1.5
Wilson	2.8	1.2	5.0	1.4	3.4	0.5	1.4	0.3	-	-	-	-
<b>Subtotal</b>	<b>1.1</b>	<b>0.9</b>	<b>3.1</b>	<b>1.0</b>	<b>0.6</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>2.6</b>	<b>1.6</b>	<b>3.7</b>
<b>Grand Total</b>	<b>0.7</b>	<b>0.8</b>	<b>2.7</b>	<b>0.9</b>	<b>0.7</b>	<b>0.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>	<b>1.3</b>	<b>1.0</b>	<b>2.6</b>

**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 pp. 77-78; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (6th 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. These norms are not applicable to the public two-year institutions, which represent the Community College System, since they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

<b><u>Room Use Code</u></b>	<b><u>HEGIS Norm (%)</u></b>	<b><u>All N.C. Institutions 2018 (%)</u></b>
<b>Classroom (Series 100)</b>	<b>8.0</b>	<b>9.6</b>
<b>Laboratory (Series 200)</b>	<b>14.5</b>	<b>17.1</b>
<b>Office (Series 300)</b>	<b>13.0</b>	<b>21.3</b>
<b>Study (Series 400)</b>	<b>6.8</b>	<b>5.2</b>
<b>Special Use (Series 500)</b>	<b>8.9</b>	<b>8.9</b>
<b>General Use (Series 600)</b>	<b>2.0</b>	<b>10.6</b>
<b>Support (Series 700)</b>	<b>6.5</b>	<b>4.6</b>
<b>Health Care (Series 800)</b>	<b>1.4</b>	<b>2.0</b>
<b>Residential (Series 900)</b>	<b>26.7</b>	<b>17.3</b>
<b>Unclassified (Series 000)</b>	<b>2.2</b>	<b>3.5</b>



## 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

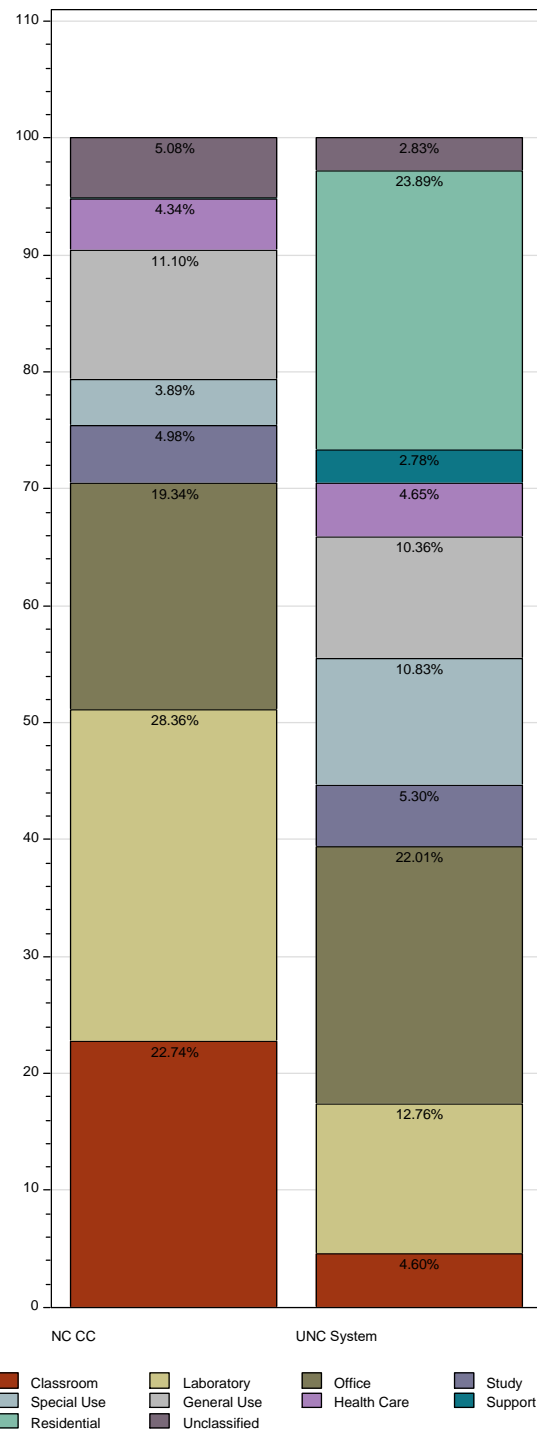
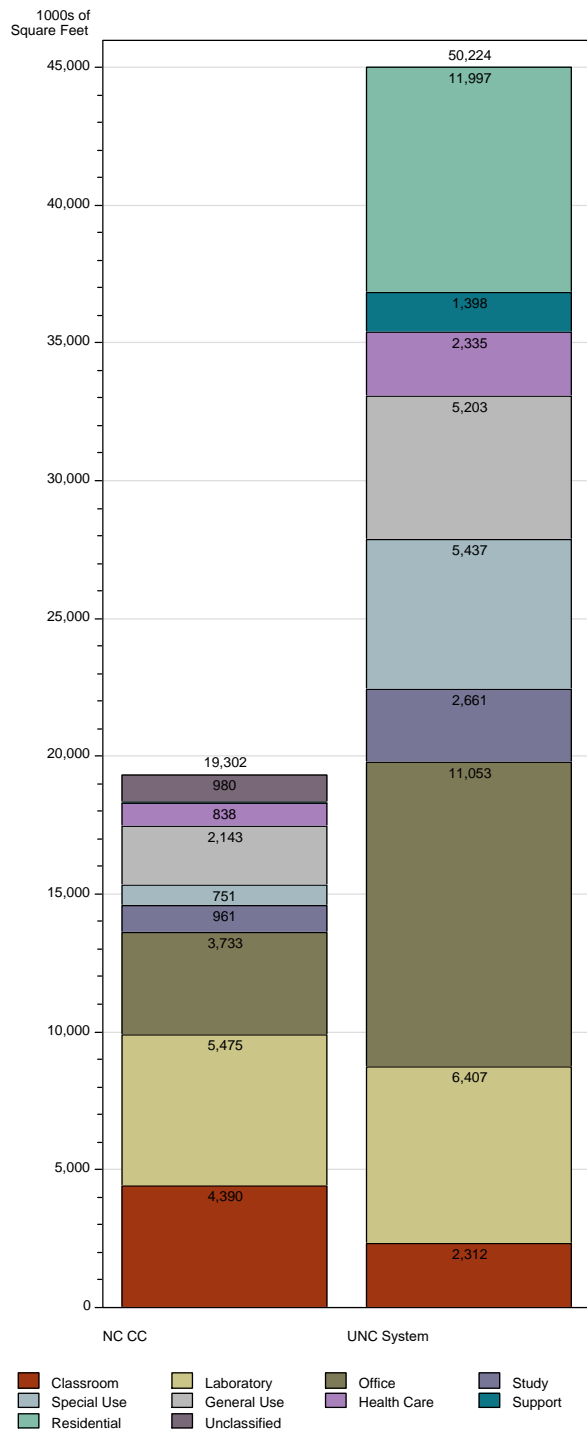
**900 Residential Facilities**

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**

010 Elevator  
011 Men's Toilet Equipped for Mobility  
Impaired  
012 Women's Toilet Equipped for  
Mobility Impaired  
013 Unisex Toilet Equipped for  
Mobility Impaired  
050 Inactive Area  
060 Alteration or Conversion Area  
070 Unfinished Area

## Percentage Distribution of Assignable Square Footage by Room Codes



**Table 15. Assignable Area by Room Codes**

Institution	Total	Classroom Facilities		Laboratory Facilities		Office Facilities		Study Facilities	
	Assignable Area	100		200		300		400	
		ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions									
Research Universities I									
NC State	9,142,141	260,590	2.9	1,601,294	17.5	1,936,223	21.2	367,662	4.0
NC State Veterinary Med	448,514	7,757	1.7	100,669	22.4	94,735	21.1	11,130	2.5
UNC-Chapel Hill	7,372,784	270,910	3.7	611,411	8.3	1,656,562	22.5	633,856	8.6
UNC-Chapel Hill Hlth Aff.	2,673,117	83,063	3.1	839,829	31.4	1,119,233	41.9	74,278	2.8
Subtotal	19,636,556	622,320	3.2	3,153,203	16.1	4,806,753	24.5	1,086,926	5.5
Doctoral Universities I & II									
East Carolina	3,487,796	176,774	5.1	370,688	10.6	799,576	22.9	198,903	5.7
East Carolina Hlth Aff.	1,166,993	43,634	3.7	193,833	16.6	457,121	39.2	75,643	6.5
N.C. A&T	2,356,324	143,568	6.1	362,954	15.4	466,107	19.8	137,842	5.8
UNC Charlotte	3,992,984	250,223	6.3	533,476	13.4	887,452	22.2	240,758	6.0
UNC Greensboro	3,365,830	153,647	4.6	350,691	10.4	593,808	17.6	137,544	4.1
Subtotal	14,369,927	767,846	5.3	1,811,642	12.6	3,204,064	22.3	790,690	5.5
Master's (Comprehensive) Universities & Colleges I									
Appalachian	2,797,594	198,637	7.1	285,835	10.2	583,831	20.9	99,725	3.6
Fayetteville	919,527	55,291	6.0	61,079	6.6	200,506	21.8	68,222	7.4
NCCU	1,469,937	125,660	8.5	146,171	9.9	311,528	21.2	103,940	7.1
UNC Pembroke	1,044,982	88,818	8.5	59,121	5.7	191,913	18.4	41,372	4.0
UNC Wilmington	2,560,265	130,125	5.1	225,739	8.8	439,892	17.2	127,215	5.0
Western Carolina	2,104,341	99,214	4.7	191,929	9.1	330,307	15.7	130,361	6.2
Winston-Salem	1,301,539	68,083	5.2	83,217	6.4	231,777	17.8	57,226	4.4
Subtotal	12,198,185	765,828	6.3	1,053,091	8.6	2,289,754	18.8	628,061	5.1
Baccalaureate (Liberal Arts) Universities & Colleges I & II									
Elizabeth City	864,764	70,654	8.2	66,849	7.7	117,493	13.6	38,667	4.5
UNC Asheville	975,657	44,694	4.6	108,876	11.2	158,835	16.3	67,123	6.9
Subtotal	1,840,421	115,348	6.3	175,725	9.5	276,328	15.0	105,790	5.7
Schools of Art, Music, & Design									
UNC School of the Arts	820,449	30,266	3.7	202,581	24.7	103,917	12.7	46,744	5.7
Subtotal	820,449	30,266	3.7	202,581	24.7	103,917	12.7	46,744	5.7
Teaching Hospitals									
UNC Hospitals	1,358,302	9,926	0.7	10,829	0.8	371,821	27.4	3,244	0.2
Subtotal	1,358,302	9,926	0.7	10,829	0.8	371,821	27.4	3,244	0.2
Community Colleges									
Alamance	281,456	75,779	26.9	112,913	40.1	49,202	17.5	10,937	3.9
Asheville-Buncombe	630,948	100,340	15.9	214,827	34.0	143,161	22.7	16,788	2.7
Beaufort Co.	191,527	44,774	23.4	56,676	29.6	36,754	19.2	9,907	5.2
Bladen	105,082	19,814	18.9	30,944	29.4	23,863	22.7	8,707	8.3
Blue Ridge	345,200	98,829	28.6	102,142	29.6	50,135	14.5	18,234	5.3
Brunswick	249,217	63,167	25.3	27,951	11.2	41,137	16.5	7,303	2.9
Caldwell	365,502	95,214	26.1	100,151	27.4	64,188	17.6	20,575	5.6
Cape Fear	736,394	145,242	19.7	252,802	34.3	159,720	21.7	33,048	4.5
Carteret	177,153	41,470	23.4	59,487	33.6	34,989	19.8	6,047	3.4
Catawba Valley	455,002	131,829	29.0	141,810	31.2	78,254	17.2	23,222	5.1
Central Carolina	466,192	128,180	27.5	150,034	32.2	83,173	17.8	19,310	4.1
Central Piedmont	1,437,451	378,726	26.3	357,679	24.9	306,292	21.3	61,987	4.3
Cleveland	210,775	45,771	21.7	66,529	31.6	43,138	20.5	15,924	7.6
Coastal Carolina	237,741	76,930	32.4	72,420	30.5	46,426	19.5	15,403	6.5

**Table 15. Assignable Area by Room Codes**

Institution	Total Assignable Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
Coll. of Albemarle	268,203	48,039	17.9	68,680	25.6	39,770	14.8	3,605	1.3
Craven	211,508	53,147	25.1	71,238	33.7	48,217	22.8	16,246	7.7
Davidson County	348,531	85,802	24.6	86,087	24.7	85,203	24.4	18,854	5.4
Durham	359,534	91,582	25.5	99,568	27.7	84,630	23.5	18,276	5.1
Edgecombe	202,273	39,851	19.7	65,484	32.4	34,533	17.1	12,414	6.1
Fayetteville	665,378	176,915	26.6	210,002	31.6	132,754	20.0	31,299	4.7
Forsyth	752,788	147,351	19.6	252,989	33.6	152,113	20.2	23,489	3.1
Gaston	482,854	112,726	23.3	149,459	31.0	111,057	23.0	24,451	5.1
Guilford	1,189,098	220,419	18.5	334,791	28.2	167,652	14.1	41,198	3.5
Halifax	184,830	32,570	17.6	43,049	23.3	34,385	18.6	11,164	6.0
Haywood	248,369	22,856	9.2	100,104	40.3	40,786	16.4	10,213	4.1
Isothermal	240,641	48,945	20.3	65,865	27.4	39,437	16.4	9,952	4.1
James Sprunt	134,076	31,510	23.5	37,194	27.7	34,297	25.6	10,267	7.7
Johnston	330,751	62,259	18.8	77,018	23.3	67,294	20.3	16,049	4.9
Lenoir	324,638	76,393	23.5	87,923	27.1	54,387	16.8	17,606	5.4
Martin	169,822	21,847	12.9	36,868	21.7	19,071	11.2	14,165	8.3
Mayland	181,618	31,444	17.3	32,296	17.8	22,887	12.6	10,470	5.8
McDowell	153,019	36,056	23.6	51,973	34.0	27,135	17.7	6,844	4.5
Mitchell	250,728	65,879	26.3	52,167	20.8	53,626	21.4	15,216	6.1
Montgomery	95,431	15,001	15.7	31,798	33.3	15,294	16.0	8,388	8.8
Nash	247,386	67,319	27.2	64,041	25.9	35,854	14.5	11,522	4.7
Pamlico	54,788	10,303	18.8	14,810	27.0	10,921	19.9	5,400	9.9
Piedmont	138,812	35,919	25.9	35,501	25.6	27,223	19.6	8,895	6.4
Pitt	448,104	92,399	20.6	156,921	35.0	103,541	23.1	16,348	3.6
Randolph	297,579	67,895	22.8	93,714	31.5	43,637	14.7	8,339	2.8
Richmond	182,734	45,361	24.8	46,141	25.3	32,882	18.0	10,810	5.9
Roanoke-Chowan	118,712	17,340	14.6	38,698	32.6	16,366	13.8	9,128	7.7
Robeson	205,845	38,306	18.6	58,146	28.2	48,336	23.5	8,619	4.2
Rockingham	229,491	34,845	15.2	72,051	31.4	41,650	18.1	10,954	4.8
Rowan-Cabarrus	382,310	114,864	30.0	87,656	22.9	88,070	23.0	21,572	5.6
Sampson	138,580	33,212	24.0	35,551	25.7	28,459	20.5	13,076	9.4
Sandhills	339,501	102,827	30.3	73,787	21.7	59,419	17.5	17,484	5.1
South Piedmont	327,972	47,507	14.5	55,389	16.9	54,884	16.7	10,076	3.1
Southeastern	182,202	46,385	25.5	44,932	24.7	41,595	22.8	13,929	7.6
Southwestern	205,273	41,461	20.2	54,478	26.5	40,011	19.5	11,758	5.7
Stanly	149,575	39,322	26.3	34,454	23.0	34,729	23.2	6,986	4.7
Surry	331,807	103,429	31.2	95,091	28.7	60,602	18.3	15,686	4.7
Tri-County	129,835	40,231	31.0	35,995	27.7	20,092	15.5	6,915	5.3
Vance-Granville	255,398	47,659	18.7	77,753	30.4	47,268	18.5	17,938	7.0
Wake	1,124,845	265,765	23.6	310,962	27.6	281,634	25.0	85,694	7.6
Wayne	324,353	40,619	12.5	88,853	27.4	54,757	16.9	19,010	5.9
Western Piedmont	299,590	65,884	22.0	62,861	21.0	48,509	16.2	16,914	5.6
Wilkes	340,360	71,810	21.1	91,758	27.0	53,269	15.7	17,003	5.0
Wilson	163,710	52,410	32.0	44,320	27.1	34,124	20.8	9,434	5.8
<b>Subtotal</b>	<b>19,302,492</b>	<b>4,389,729</b>	<b>22.7</b>	<b>5,474,781</b>	<b>28.4</b>	<b>3,732,792</b>	<b>19.3</b>	<b>961,048</b>	<b>5.0</b>
<b>Grand Total</b>	<b>69,526,332</b>	<b>6,701,263</b>	<b>9.6</b>	<b>11,881,852</b>	<b>17.1</b>	<b>14,785,429</b>	<b>21.3</b>	<b>3,622,503</b>	<b>5.2</b>

**Table 15. Assignable Area by Room Codes**

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	1,725,542	18.9	777,089	8.5	429,424	4.7	28,864	0.3	1,872,614	20.5	142,839	1.6
NC State Veterinary Med	76,667	17.1	12,972	2.9	27,781	6.2	111,874	24.9	-	-	4,929	1.1
UNC-Chapel Hill	846,688	11.5	853,084	11.6	462,106	6.3	22,985	0.3	1,909,575	25.9	105,607	1.4
UNC-Chapel Hill Hlth Aff.	178,200	6.7	93,499	3.5	30,581	1.1	178,801	6.7	1,968	0.1	73,665	2.8
<b>Subtotal</b>	<b>2,827,097</b>	<b>14.4</b>	<b>1,736,644</b>	<b>8.8</b>	<b>949,892</b>	<b>4.8</b>	<b>342,524</b>	<b>1.7</b>	<b>3,784,157</b>	<b>19.3</b>	<b>327,040</b>	<b>1.7</b>
<b>Doctoral Universities I &amp; II</b>												
East Carolina	373,412	10.7	389,739	11.2	174,354	5.0	7,454	0.2	849,521	24.4	147,375	4.2
East Carolina Hlth Aff.	114,596	9.8	26,151	2.2	24,986	2.1	231,029	19.8	-	-	0	0.0
N.C. A&T	289,560	12.3	297,822	12.6	213,474	9.1	12,809	0.5	425,339	18.1	6,849	0.3
UNC Charlotte	223,284	5.6	357,005	8.9	84,583	2.1	7,891	0.2	1,324,463	33.2	83,849	2.1
UNC Greensboro	123,023	3.7	516,223	15.3	268,633	8.0	12,316	0.4	1,092,667	32.5	117,278	3.5
<b>Subtotal</b>	<b>1,123,875</b>	<b>7.8</b>	<b>1,586,940</b>	<b>11.0</b>	<b>766,030</b>	<b>5.3</b>	<b>271,499</b>	<b>1.9</b>	<b>3,691,990</b>	<b>25.7</b>	<b>355,351</b>	<b>2.5</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>												
Appalachian	398,752	14.3	364,886	13.0	83,410	3.0	11,733	0.4	742,414	26.5	28,371	1.0
Fayetteville	72,661	7.9	112,700	12.3	19,413	2.1	2,319	0.3	220,894	24.0	106,442	11.6
NCCU	126,492	8.6	159,813	10.9	25,663	1.7	2,805	0.2	338,126	23.0	129,739	8.8
UNC Pembroke	88,358	8.5	128,025	12.3	51,500	4.9	5,020	0.5	349,465	33.4	41,390	4.0
UNC Wilmington	225,897	8.8	239,316	9.3	78,533	3.1	7,876	0.3	902,116	35.2	183,556	7.2
Western Carolina	209,981	10.0	312,735	14.9	63,144	3.0	3,246	0.2	723,896	34.4	39,528	1.9
Winston-Salem	108,576	8.3	158,912	12.2	69,091	5.3	6,728	0.5	481,327	37.0	36,602	2.8
<b>Subtotal</b>	<b>1,230,717</b>	<b>10.1</b>	<b>1,476,387</b>	<b>12.1</b>	<b>390,754</b>	<b>3.2</b>	<b>39,727</b>	<b>0.3</b>	<b>3,758,238</b>	<b>30.8</b>	<b>565,628</b>	<b>4.6</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>												
Elizabeth City	91,449	10.6	98,530	11.4	16,713	1.9	1,574	0.2	303,357	35.1	59,478	6.9
UNC Asheville	107,638	11.0	115,264	11.8	43,026	4.4	3,088	0.3	296,237	30.4	30,876	3.2
<b>Subtotal</b>	<b>199,087</b>	<b>10.8</b>	<b>213,794</b>	<b>11.6</b>	<b>59,739</b>	<b>3.2</b>	<b>4,662</b>	<b>0.3</b>	<b>599,594</b>	<b>32.6</b>	<b>90,354</b>	<b>4.9</b>
<b>Schools of Art, Music, &amp; Design</b>												
UNC School of the Arts	23,826	2.9	127,227	15.5	82,832	10.1	3,073	0.4	159,301	19.4	40,682	5.0
<b>Subtotal</b>	<b>23,826</b>	<b>2.9</b>	<b>127,227</b>	<b>15.5</b>	<b>82,832</b>	<b>10.1</b>	<b>3,073</b>	<b>0.4</b>	<b>159,301</b>	<b>19.4</b>	<b>40,682</b>	<b>5.0</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	32,493	2.4	62,294	4.6	85,493	6.3	736,524	54.2	3,785	0.3	41,893	3.1
<b>Subtotal</b>	<b>32,493</b>	<b>2.4</b>	<b>62,294</b>	<b>4.6</b>	<b>85,493</b>	<b>6.3</b>	<b>736,524</b>	<b>54.2</b>	<b>3,785</b>	<b>0.3</b>	<b>41,893</b>	<b>3.1</b>
<b>Community Colleges</b>												
Alamance	5,856	2.1	18,143	6.4	8,626	3.1	-	-	-	-	0	0.0
Asheville-Buncombe	16,094	2.6	57,617	9.1	17,411	2.8	3,870	0.6	-	-	60,840	9.6
Beaufort Co.	3,376	1.8	29,422	15.4	10,618	5.5	-	-	-	-	0	0.0
Bladen	1,155	1.1	12,442	11.8	8,012	7.6	-	-	-	-	145	0.1
Blue Ridge	10,719	3.1	49,216	14.3	12,157	3.5	-	-	-	-	3,768	1.1
Brunswick	39,336	15.8	57,946	23.3	11,329	4.5	817	0.3	231	0.1	0	0.0
Caldwell	20,026	5.5	49,202	13.5	16,146	4.4	-	-	-	-	0	0.0
Cape Fear	29,877	4.1	72,955	9.9	39,809	5.4	526	0.1	756	0.1	1,659	0.2
Carteret	7,038	4.0	13,778	7.8	8,266	4.7	-	-	-	-	6,078	3.4
Catawba Valley	37,801	8.3	39,148	8.6	2,521	0.6	417	0.1	-	-	0	0.0
Central Carolina	18,436	4.0	56,274	12.1	3,307	0.7	7,478	1.6	-	-	0	0.0
Central Piedmont	32,260	2.2	133,803	9.3	66,897	4.7	-	-	-	-	99,807	6.9
Cleveland	15,097	7.2	16,089	7.6	8,065	3.8	162	0.1	-	-	0	0.0
Coastal Carolina	3,120	1.3	12,054	5.1	11,388	4.8	-	-	-	-	0	0.0

**Table 15. Assignable Area by Room Codes**

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Coll. of Albemarle	-	-	37,734	14.1	12,978	4.8	524	0.2	-	-	56,873	21.2
Craven	1,875	0.9	18,860	8.9	1,925	0.9	-	-	-	-	0	0.0
Davidson County	17,805	5.1	31,717	9.1	20,565	5.9	142	0.0	-	-	2,356	0.7
Durham	3,273	0.9	21,399	6.0	40,721	11.3	85	0.0	-	-	0	0.0
Edgecombe	770	0.4	40,676	20.1	8,457	4.2	-	-	-	-	88	0.0
Fayetteville	32,156	4.8	52,555	7.9	29,244	4.4	-	-	453	0.1	0	0.0
Forsyth	18,875	2.5	60,294	8.0	39,226	5.2	110	0.0	143	0.0	58,198	7.7
Gaston	14,130	2.9	55,957	11.6	14,326	3.0	748	0.2	-	-	0	0.0
Guilford	27,064	2.3	87,290	7.3	35,703	3.0	529	0.0	-	-	274,452	23.1
Halifax	7,060	3.8	44,220	23.9	8,582	4.6	-	-	-	-	3,800	2.1
Haywood	5,500	2.2	49,806	20.1	13,745	5.5	946	0.4	-	-	4,413	1.8
Isothermal	23,966	10.0	35,146	14.6	17,330	7.2	-	-	-	-	0	0.0
James Sprunt	3,795	2.8	12,607	9.4	4,056	3.0	-	-	-	-	350	0.3
Johnston	8,617	2.6	34,369	10.4	21,221	6.4	-	-	-	-	43,924	13.3
Lenoir	23,941	7.4	50,733	15.6	13,655	4.2	-	-	-	-	0	0.0
Martin	13,294	7.8	58,187	34.3	6,390	3.8	-	-	-	-	0	0.0
Mayland	572	0.3	16,167	8.9	5,909	3.3	-	-	-	-	61,873	34.1
McDowell	1,165	0.8	22,991	15.0	6,855	4.5	-	-	-	-	0	0.0
Mitchell	17,457	7.0	34,411	13.7	7,727	3.1	-	-	-	-	4,245	1.7
Montgomery	1,961	2.1	17,920	18.8	1,958	2.1	-	-	-	-	3,111	3.3
Nash	12,562	5.1	31,907	12.9	7,607	3.1	-	-	-	-	16,574	6.7
Pamlico	154	0.3	9,361	17.1	3,839	7.0	-	-	-	-	0	0.0
Piedmont	-	-	12,252	8.8	13,172	9.5	-	-	-	-	5,850	4.2
Pitt	18,112	4.0	24,952	5.6	17,790	4.0	-	-	-	-	18,041	4.0
Randolph	5,152	1.7	37,739	12.7	39,630	13.3	-	-	-	-	1,473	0.5
Richmond	989	0.5	40,071	21.9	5,824	3.2	226	0.1	-	-	430	0.2
Roanoke-Chowan	9,874	8.3	14,863	12.5	5,572	4.7	-	-	-	-	6,871	5.8
Robeson	2,054	1.0	41,657	20.2	6,822	3.3	-	-	-	-	1,905	0.9
Rockingham	35,998	15.7	25,168	11.0	7,861	3.4	964	0.4	-	-	0	0.0
Rowan-Cabarrus	4,310	1.1	41,099	10.8	15,679	4.1	3,176	0.8	-	-	5,884	1.5
Sampson	1,140	0.8	19,909	14.4	7,233	5.2	-	-	-	-	0	0.0
Sandhills	32,486	9.6	43,838	12.9	3,900	1.1	128	0.0	5,632	1.7	0	0.0
South Piedmont	1,291	0.4	50,345	15.4	8,697	2.7	107	0.0	-	-	99,676	30.4
Southeastern	11,054	6.1	15,427	8.5	6,679	3.7	-	-	-	-	2,201	1.2
Southwestern	18,378	9.0	26,832	13.1	12,355	6.0	-	-	-	-	0	0.0
Stanly	1,644	1.1	20,654	13.8	9,424	6.3	130	0.1	-	-	2,232	1.5
Surry	17,276	5.2	27,914	8.4	11,809	3.6	-	-	-	-	0	0.0
Tri-County	-	-	15,826	12.2	8,922	6.9	1,854	1.4	-	-	0	0.0
Vance-Granville	2,710	1.1	42,251	16.5	9,365	3.7	-	-	-	-	10,454	4.1
Wake	75,158	6.7	65,050	5.8	40,523	3.6	-	-	-	-	59	0.0
Wayne	9,214	2.8	32,055	9.9	15,143	4.7	1,730	0.5	-	-	62,972	19.4
Western Piedmont	7,011	2.3	30,989	10.3	13,552	4.5	-	-	-	-	53,870	18.0
Wilkes	20,535	6.0	56,584	16.6	22,893	6.7	1,282	0.4	-	-	5,226	1.5
Wilson	229	0.1	14,676	9.0	8,517	5.2	-	-	-	-	0	0.0
<b>Subtotal</b>	<b>750,798</b>	<b>3.9</b>	<b>2,142,547</b>	<b>11.1</b>	<b>837,933</b>	<b>4.3</b>	<b>25,951</b>	<b>0.1</b>	<b>7,215</b>	<b>0.0</b>	<b>979,698</b>	<b>5.1</b>
<b>Grand Total</b>	<b>6,187,893</b>	<b>8.9</b>	<b>7,345,833</b>	<b>10.6</b>	<b>3,172,673</b>	<b>4.6</b>	<b>1,423,960</b>	<b>2.0</b>	<b>12,004,280</b>	<b>17.3</b>	<b>2,400,646</b>	<b>3.5</b>

**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 System 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:

Assignable Square Feet per Station Criteria

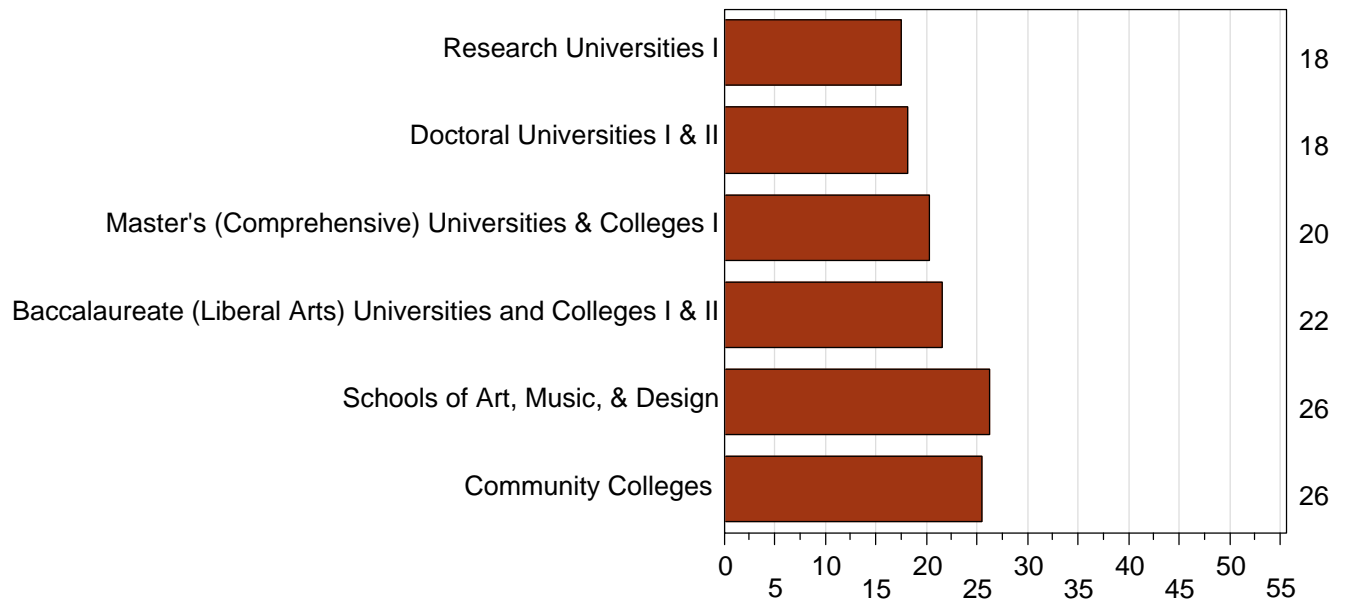
Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 – 30	18	22
20 - 29	20 – 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 – 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

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.



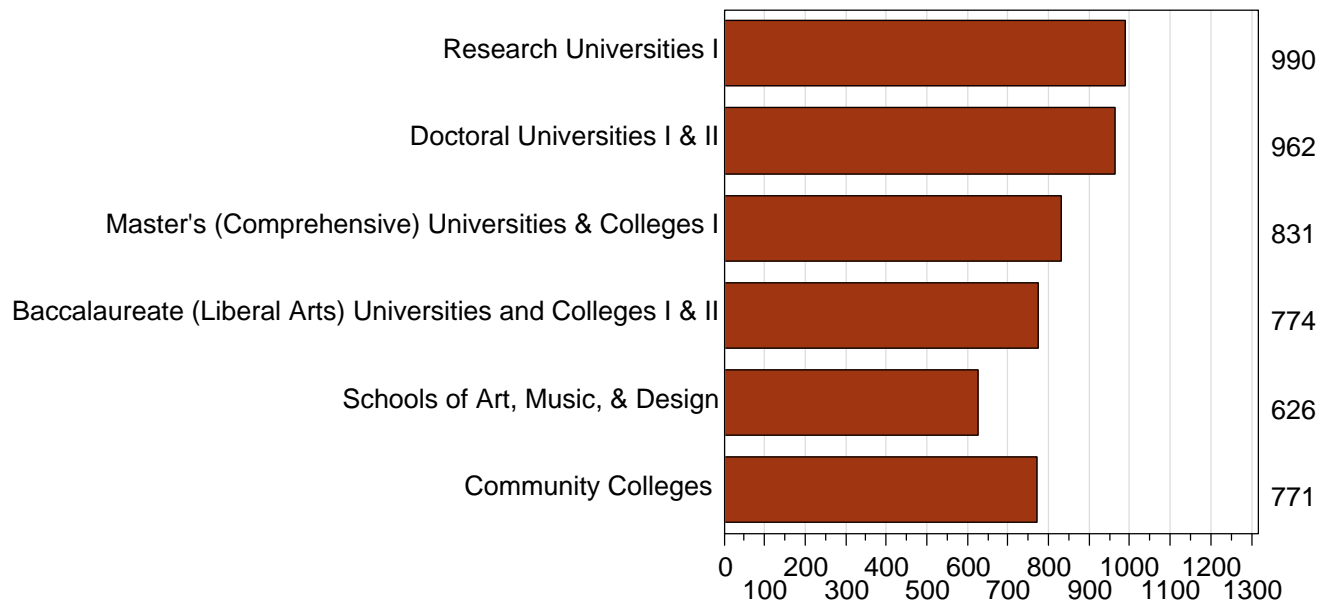
## In Classrooms

### Assignable Square Footage per Student Station



## In Classrooms

### Average Room Size



**Table 16.****Assignable Area Per Student Station for Classrooms**

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2018	2017	2016	2015	2014
Public Institutions									
Research Universities I									
NC State	231	14,367	62	249,196	17	17	17	17	17
NC State Veterinary Med	5	401	80	7,343	18	18	18	18	18
UNC-Chapel Hill	280	14,628	52	256,944	18	17	17	17	17
UNC-Chapel Hill Hlth Aff.	84	4,377	52	80,535	18	18	18	19	19
Subtotal	600	33,773	56	594,018	18	17	17	18	17
Doctoral Universities I & II									
East Carolina	186	9,640	52	169,367	18	18	17	17	17
East Carolina Hlth Aff.	44	2,195	50	42,457	19	19	20	22	20
N.C. A&T	152	6,997	46	137,354	20	20	20	20	19
UNC Charlotte	238	13,307	56	241,833	18	19	18	18	18
UNC Greensboro	147	8,644	59	147,187	17	17	17	17	17
Subtotal	767	40,783	53	738,198	18	18	18	18	18
Master's (Comprehensive) Universities & Colleges I									
Appalachian	227	9,503	42	190,606	20	20	20	20	20
Fayetteville	63	2,521	40	50,788	20	20	20	20	20
NCCU	152	6,397	42	119,498	19	19	19	19	19
UNC Pembroke	107	3,662	34	84,853	23	23	23	23	23
UNC Wilmington	139	5,969	43	123,967	21	20	26	20	20
Western Carolina	108	4,548	42	92,585	20	20	21	21	21
Winston-Salem	80	3,289	41	65,453	20	20	20	20	20
Subtotal	876	35,889	41	727,750	20	20	21	20	20
Baccalaureate (Liberal Arts) Universities & Colleges I & II									
Elizabeth City	81	2,998	37	64,221	21	21	21	21	20
UNC Asheville	58	1,995	34	43,329	22	21	21	22	22
Subtotal	139	4,993	36	107,550	22	21	21	21	21
Schools of Art, Music, & Design									
UNC School of the Arts	48	1,147	24	30,062	26	26	26	24	25
Subtotal	48	1,147	24	30,062	26	26	26	24	25
Community Colleges									
Alamance	105	3,221	31	74,397	23	23	23	23	23
Asheville-Buncombe	117	3,571	31	98,007	27	27	27	26	26
Beaufort Co.	51	2,103	41	42,622	20	20	20	20	20
Bladen	31	799	26	19,127	24	23	23	23	22
Blue Ridge	113	2,715	24	88,000	32	32	30	31	31
Brunswick	82	2,069	25	59,525	29	29	31	30	24
Caldwell	112	3,297	29	91,047	28	28	28	28	28
Cape Fear	163	5,003	31	138,076	28	28	27	25	26
Carteret	61	1,452	24	40,551	28	28	28	28	28
Catawba Valley	109	3,212	29	124,264	39	27	26	26	26
Central Carolina	186	5,396	29	126,936	24	24	24	24	24
Central Piedmont	404	12,016	30	364,993	30	30	29	29	29
Cleveland	62	1,931	31	43,750	23	23	23	23	23
Coastal Carolina	104	3,060	29	76,388	25	25	25	25	23
Coll. of Albemarle	60	1,513	25	47,924	32	32	33	33	33
Craven	81	1,896	23	50,851	27	26	27	27	28
Davidson County	107	3,348	31	82,418	25	25	24	24	24
Durham	122	3,455	28	90,388	26	25	26	22	22

**Table 16.****Assignable Area Per Student Station for Classrooms**

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2018	2017	2016	2015	2014
Edgecombe	75	1,886	25	38,479	20	20	20	20	20
Fayetteville	221	9,199	42	169,017	18	18	18	17	17
Forsyth	208	5,999	29	143,365	24	24	24	24	24
Gaston	132	4,287	32	108,098	25	25	23	23	23
Guilford	297	8,835	30	212,473	24	24	24	24	24
Halifax	40	1,136	28	32,266	28	29	29	29	29
Haywood	31	756	24	20,509	27	27	26	24	24
Isothermal	62	2,008	32	47,370	24	24	24	23	23
James Sprunt	42	1,038	25	30,975	30	30	30	31	24
Johnston	79	2,565	32	57,340	22	23	24	23	23
Lenoir	104	2,900	28	73,811	25	25	25	25	25
Martin	25	685	27	20,819	30	30	30	30	29
Mayland	46	1,184	26	30,304	26	26	26	26	26
McDowell	47	1,361	29	34,695	25	25	23	23	23
Mitchell	95	2,800	29	63,744	23	23	23	23	23
Montgomery	21	601	29	15,001	25	24	23	23	24
Nash	86	2,599	30	65,289	25	25	25	25	24
Pamlico	14	303	22	10,111	33	33	33	33	29
Piedmont	48	1,227	26	34,804	28	28	28	28	28
Pitt	103	3,521	34	89,649	25	25	25	25	25
Randolph	98	2,722	28	65,936	24	24	24	24	24
Richmond	57	1,933	34	44,667	23	22	22	22	21
Roanoke-Chowan	29	754	26	16,452	22	23	23	21	21
Robeson	48	1,363	28	35,847	26	26	26	26	26
Rockingham	43	1,363	32	32,247	24	23	23	23	22
Rowan-Cabarrus	147	4,005	27	111,721	28	28	27	25	24
Sampson	40	1,293	32	32,013	25	24	23	23	23
Sandhills	127	4,153	33	99,508	24	24	24	24	24
South Piedmont	62	1,558	25	46,805	30	30	30	30	31
Southeastern	56	2,103	38	44,471	21	21	21	22	22
Southwestern	56	1,384	25	40,517	29	29	29	29	29
Stanly	51	1,213	24	36,867	30	21	21	20	19
Surry	126	3,668	29	98,923	27	27	27	27	26
Tri-County	57	1,413	25	39,341	28	28	28	27	27
Vance-Granville	65	2,019	31	46,839	23	23	23	23	23
Wake	296	10,436	35	258,507	25	25	25	24	23
Wayne	58	1,840	32	39,406	21	21	21	21	21
Western Piedmont	65	2,202	34	64,826	29	30	28	28	28
Wilkes	103	3,264	32	68,797	21	21	22	21	19
Wilson	62	2,102	34	51,441	24	24	22	23	23
<b>Subtotal</b>	<b>5,492</b>	<b>165,735</b>	<b>30</b>	<b>4,232,514</b>	<b>26</b>	<b>25</b>	<b>25</b>	<b>24</b>	<b>24</b>
<b>NC Private Universities</b>									
Barton	-	-	-	-	-	17	17	17	17
Campbell	-	-	-	-	-	19	19	19	19
Mars Hill	-	-	-	-	-	24	24	22	22
Pfeiffer	-	-	-	-	-	23	21	21	21
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
<b>Grand Total</b>	<b>7,922</b>	<b>282,320</b>	<b>36</b>	<b>6,430,092</b>	<b>23</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>

**TABLE 17:**

**ASSIGNABLE SQUARE FEET PER STUDENT STATION  
FOR CLASS LABORATORIES**

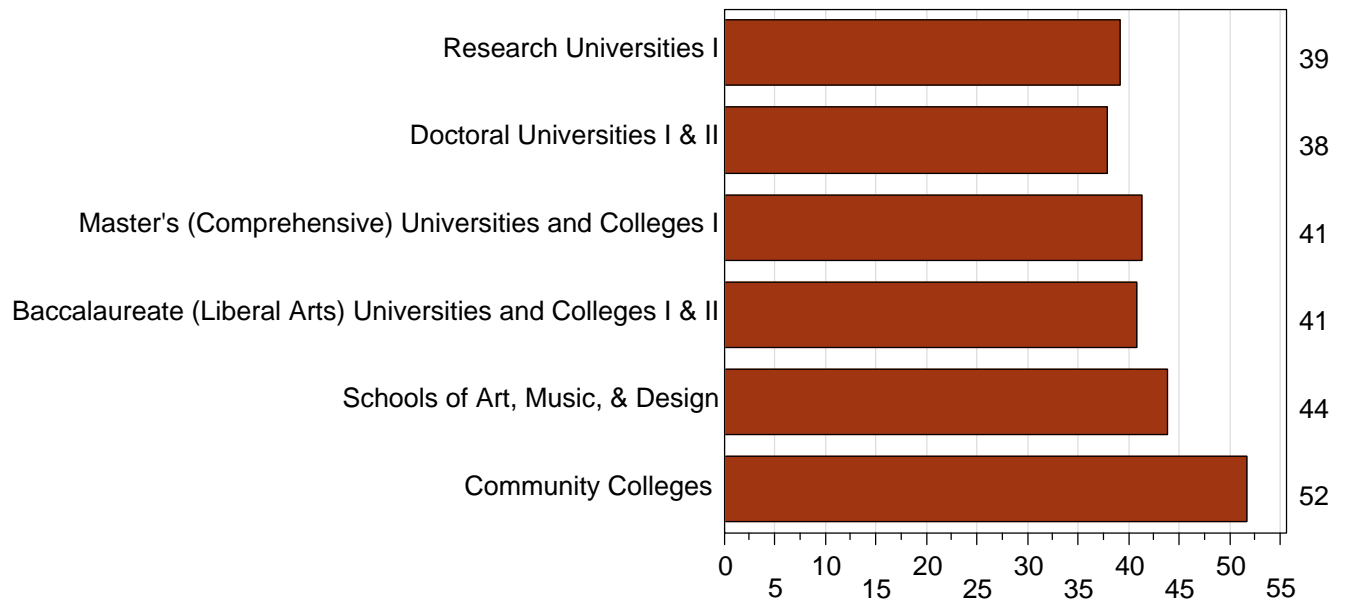
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions that offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding 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 System has developed ASF-per-station standards for four discipline categories of space (see Table 11-Space Standards):

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

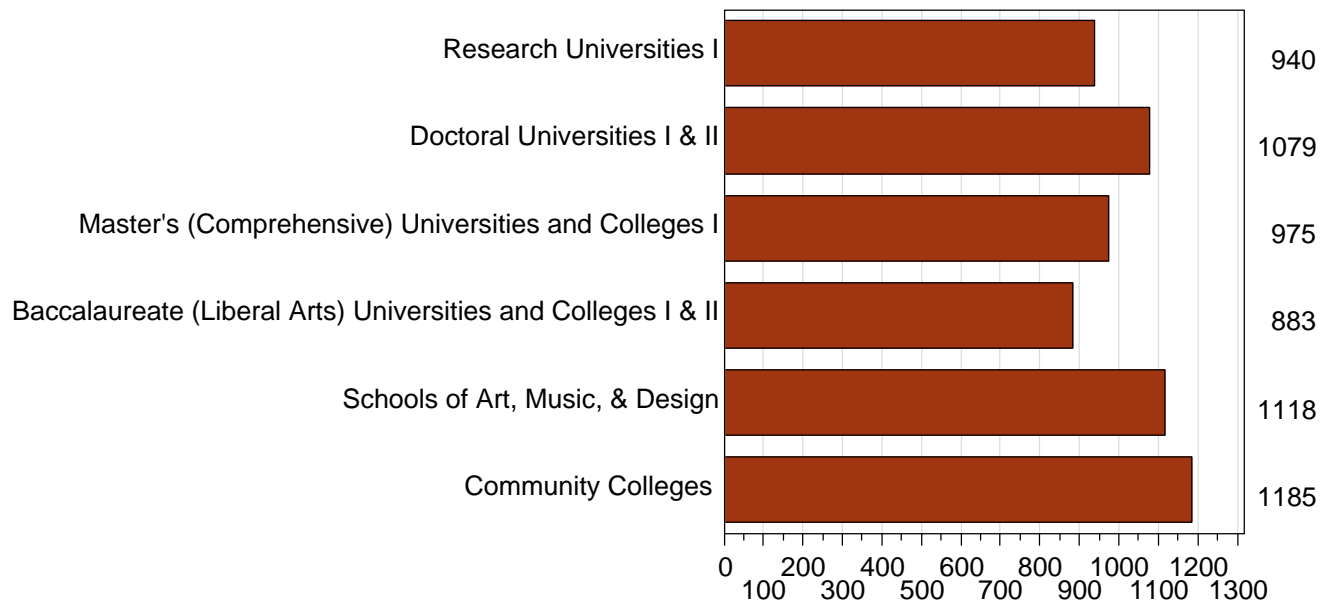
## In Class Laboratories

### Assignable Square Footage per Student Station



## In Class Laboratories

### Average Room Size



**Table 17.**

**Assignable Area Per Student Station for Class Laboratories**

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2018	2017	2016	2015	2014
Public Institutions									
Research Universities I									
NC State	245	6,544	27	266,766	41	42	41	41	41
NC State Veterinary Med	8	236	30	11,366	48	48	48	51	55
UNC-Chapel Hill	109	2,826	26	95,754	34	33	33	33	33
UNC-Chapel Hill Hlth Aff.	97	1,414	15	57,473	41	40	40	40	38
Subtotal	459	11,020	24	431,359	39	39	39	39	39
Doctoral Universities I & II									
East Carolina	171	4,580	27	164,812	36	36	36	38	37
East Carolina Hlth Aff.	51	964	19	41,127	43	42	42	42	40
N.C. A&T	99	2,370	24	95,207	40	40	40	40	40
UNC Charlotte	111	3,331	30	125,790	38	41	40	39	39
UNC Greensboro	89	3,600	40	135,432	38	48	48	48	48
Subtotal	521	14,845	28	562,368	38	41	40	41	40
Master's (Comprehensive) Universities & Colleges I									
Appalachian	141	3,143	22	139,346	44	44	44	44	44
Fayetteville	35	990	28	36,652	37	37	37	37	37
NCCU	65	1,387	21	59,580	43	43	43	43	42
UNC Pembroke	31	689	22	28,639	42	42	42	42	42
UNC Wilmington	91	2,125	23	82,657	39	40	38	38	39
Western Carolina	84	2,237	27	96,713	43	44	44	44	45
Winston-Salem	53	1,209	23	43,703	36	36	36	36	36
Subtotal	500	11,780	24	487,290	41	41	41	41	41
Baccalaureate (Liberal Arts) Universities & Colleges I & II									
Elizabeth City	63	1,413	22	49,156	35	35	34	34	38
UNC Asheville	36	730	20	38,283	52	55	41	41	43
Subtotal	99	2,143	22	87,439	41	40	36	36	39
Schools of Art, Music, & Design									
UNC School of the Arts	76	1,938	26	84,934	44	43	43	50	51
Subtotal	76	1,938	26	84,934	44	43	43	50	51
Community Colleges									
Alamance	68	1,749	26	96,761	55	55	45	45	45
Asheville-Buncombe	122	3,147	26	155,791	50	48	47	47	48
Beaufort Co.	34	1,146	34	51,922	45	45	40	38	39
Bladen	25	566	23	29,372	52	49	49	49	50
Blue Ridge	65	1,284	20	91,879	72	70	70	71	72
Brunswick	18	449	25	21,489	48	52	52	52	56
Caldwell	66	1,503	23	85,355	57	58	58	59	52
Cape Fear	140	3,420	24	173,250	51	52	49	49	48
Carteret	43	1,014	24	51,971	51	52	52	52	52
Catawba Valley	98	2,091	21	120,127	57	57	49	49	49
Central Carolina	120	2,631	22	122,978	47	42	41	41	40
Central Piedmont	185	4,340	23	252,234	58	59	58	58	59
Cleveland	64	1,435	22	60,011	42	41	40	39	37
Coastal Carolina	56	1,430	26	58,761	41	41	41	41	41
Coll. of Albemarle	58	1,006	17	62,618	62	62	58	59	59
Craven	42	1,082	26	58,711	54	54	54	54	58
Davidson County	63	1,651	26	69,809	42	41	41	42	39
Durham	84	1,735	21	87,286	50	50	50	45	46

**Table 17.**

**Assignable Area Per Student Station for Class Laboratories**

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2018	2017	2016	2015	2014
Edgecombe	63	1,327	21	58,372	44	44	44	47	47
Fayetteville	162	4,024	25	177,516	44	43	43	44	42
Forsyth	147	3,300	22	197,257	60	60	60	63	60
Gaston	76	1,693	22	94,544	56	56	48	47	43
Guilford	183	4,014	22	197,449	49	49	49	50	50
Halifax	26	571	22	31,772	56	61	61	61	61
Haywood	67	1,298	19	68,641	53	57	64	55	57
Isothermal	45	979	22	47,836	49	49	49	49	49
James Sprunt	26	383	15	32,835	86	71	72	61	41
Johnston	45	1,107	25	58,778	53	49	50	50	50
Lenoir	69	1,718	25	74,404	43	43	44	44	44
Martin	25	596	24	31,679	53	55	55	55	55
Mayland	23	454	20	27,013	60	60	60	60	51
McDowell	25	693	28	44,169	64	64	68	68	68
Mitchell	38	927	24	45,577	49	49	47	46	46
Montgomery	20	352	18	19,967	57	48	49	51	56
Nash	44	904	21	50,128	55	47	48	48	49
Pamlico	17	314	18	13,221	42	42	42	42	41
Piedmont	28	772	28	29,971	39	39	39	39	39
Pitt	115	2,133	19	135,551	64	63	66	68	69
Randolph	54	1,333	25	80,011	60	60	64	63	64
Richmond	39	878	23	39,604	45	45	45	45	45
Roanoke-Chowan	22	451	21	24,080	53	53	53	48	49
Robeson	40	906	23	49,686	55	55	50	50	50
Rockingham	43	848	20	59,009	70	69	69	62	55
Rowan-Cabarrus	44	909	21	58,114	64	61	59	55	55
Sampson	23	516	22	32,274	63	64	59	59	59
Sandhills	59	1,284	22	59,636	46	46	46	45	43
South Piedmont	37	878	24	37,914	43	43	43	43	43
Southeastern	32	854	27	33,132	39	39	39	38	38
Southwestern	49	815	17	44,787	55	57	57	57	56
Stanly	22	731	33	26,063	36	34	33	34	30
Surry	50	1,282	26	74,297	58	55	55	55	60
Tri-County	29	587	20	29,762	51	50	50	53	54
Vance-Granville	66	1,777	27	68,521	39	39	39	39	40
Wake	235	5,148	22	262,823	51	51	50	51	51
Wayne	56	1,495	27	64,623	43	43	44	44	44
Western Piedmont	40	872	22	40,934	47	48	49	49	49
Wilkes	44	1,144	26	68,187	60	59	59	59	54
Wilson	34	920	27	40,330	44	44	46	46	47
<b>Subtotal</b>	<b>3,613</b>	<b>82,866</b>	<b>23</b>	<b>4,280,792</b>	<b>52</b>	<b>51</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>NC Private Universities</b>									
Barton	-	-	-	-	-	36	36	36	36
Campbell	-	-	-	-	-	32	32	28	28
Mars Hill	-	-	-	-	-	39	39	39	39
Pfeiffer	-	-	-	-	-	44	44	44	44
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36</b>	<b>36</b>	<b>34</b>	<b>34</b>
<b>Grand Total</b>	<b>5,268</b>	<b>124,592</b>	<b>24</b>	<b>5,934,182</b>	<b>48</b>	<b>47</b>	<b>47</b>	<b>47</b>	<b>46</b>

This Page Intentionally Left Blank.





**Student Center**  
**North Carolina Agricultural and Technical State University**

N.C. A&T students were welcomed to the Fall 2018 semester with a new \$90 million, 150,000 square-foot Student Center. Serving multiple purposes, the Student Center uniquely provides services and conveniences to students, faculty and staff as well as an array of diversified programming reflecting the university community and culture. Aimed at being a “one-stop shop” for students, the Student Center houses the N.C. A&T Bookstore, Aggie One Card Services, Multicultural Student Center, Office of Student Development, Office of Student Affairs, Student Center Administrative offices, Elements Convenience Store, and multiple dining options. Additionally, the new facility includes state-of-the-art recreation and gaming rooms, various meeting and study spaces, a ballroom, lounge areas, outdoor patios, and terraces.

**Building Characteristics**

Ownership of Buildings .....	109
Capital Investment in Buildings .....	112
Age of Buildings .....	116
Condition of Buildings .....	120
Estimated Cost to Renovate and Replace Unsatisfactory Facilities .....	125

This Page Intentionally Left Blank

**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 eight ownership categories:

- 1** Owned in fee simple.
- 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.
- 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).
- 4** Not owned by the institution, but leased or rented to the institution at a typical local rate.
- 5** Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.
- 6** Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.
- 7** Not owned by the institution, but shared with another postsecondary educational institution.
- 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. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds.

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		2		3		4		5		Other		Total Gross Sq. Ft.
	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate				
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Public Institutions													
Research Universities I													
NC State ***	13,218,223	80.0	2,617,644	15.9	-	-	455,423	2.8	219,603	1.3	2,368	0.0	16,513,261
NC State Veterinary Med	867,533	97.6	-	-	-	-	21,143	2.4	-	-	-	-	888,676
UNC-Chapel Hill ***	13,159,509	98.4	-	-	68,760	0.5	127,908	1.0	12,549	0.1	10,287	0.1	13,379,013
UNC-Chapel Hill Health Aff.**	6,072,413	86.6	537,875	7.7	128,275	1.8	269,848	3.9	-	-	-	-	7,008,411
Subtotal	33,317,678	88.2	3,155,519	8.4	197,035	0.5	874,322	2.3	232,152	0.6	12,655	0.0	37,789,361
Doctoral Universities I & II													
East Carolina	5,186,593	95.9	-	-	1,806	0.0	88,022	1.6	36,204	0.7	95,460	1.8	5,408,085
East Carolina Hlth Aff.	1,586,830	83.5	-	-	-	-	268,313	14.1	3,593	0.2	41,356	2.2	1,900,092
N.C. A&T	3,257,680	95.7	-	-	-	-	54,007	1.6	-	-	92,337	2.7	3,404,024
UNC Charlotte	4,984,048	52.0	4,464,501	46.6	137,999	1.4	-	-	-	-	-	-	9,586,548
UNC-Greensboro**	3,402,860	51.3	3,088,060	46.6	33,893	0.5	60,227	0.9	4,893	0.1	42,642	0.6	6,632,575
Subtotal	18,418,011	68.4	7,552,561	28.0	173,698	0.6	470,569	1.7	44,690	0.2	271,795	1.0	26,931,324
Master's (Comprehensive) Universities & Colleges I													
Appalachian	3,446,139	69.4	1,511,371	30.4	-	-	7,010	0.1	-	-	-	-	4,964,520
Fayetteville	1,193,794	81.1	191,904	13.0	86,499	5.9	-	-	-	-	-	-	1,472,197
NCCU	2,138,135	94.1	134,292	5.9	-	-	-	-	-	-	-	-	2,272,427
UNC Pembroke	1,344,595	84.7	-	-	89,078	5.6	153,015	9.6	-	-	-	-	1,586,688
UNC Wilmington	2,951,365	73.1	324,386	8.0	738,804	18.3	20,699	0.5	-	-	-	-	4,035,254
Western Carolina	2,190,930	66.0	673,451	20.3	431,581	13.0	24,975	0.8	-	-	-	-	3,320,937
Winston-Salem	1,313,249	65.2	184,308	9.2	441,407	21.9	74,668	3.7	-	-	-	-	2,013,632
Subtotal	14,578,207	74.1	3,019,712	15.4	1,787,369	9.1	280,367	1.4	-	-	-	-	19,665,655
Baccalaureate (Liberal Arts) Universities & Colleges I & II													
Elizabeth City	1,088,834	83.7	66,576	5.1	145,678	11.2	-	-	-	-	-	-	1,301,088
UNC Asheville	1,256,934	74.3	407,238	24.1	-	-	26,890	1.6	-	-	-	-	1,691,062
Subtotal	2,345,768	78.4	473,814	15.8	145,678	4.9	26,890	0.9	-	-	-	-	2,992,150
Schools of Art, Music, & Design													
UNC School of the Arts	1,014,669	83.7	102,782	8.5	80,440	6.6	2,760	0.2	11,053	0.9	850	0.1	1,212,554
Subtotal	1,014,669	83.7	102,782	8.5	80,440	6.6	2,760	0.2	11,053	0.9	850	0.1	1,212,554
Teaching Hospitals													
UNC Hospitals**	2,434,713	97.4	-	-	-	-	57,815	2.3	-	-	6,721	0.3	2,499,249
Subtotal	2,434,713	97.4	-	-	-	-	57,815	2.3	-	-	6,721	0.3	2,499,249
Community Colleges													
Alamance	402,763	89.8	-	-	-	-	45,648	10.2	-	-	-	-	448,411
Asheville-Buncombe	1,033,033	98.3	-	-	-	-	-	-	18,000	1.7	-	-	1,051,033
Beaufort Co.	272,813	100.0	-	-	-	-	-	-	-	-	-	-	272,813
Bladen	145,580	100.0	-	-	-	-	-	-	-	-	-	-	145,580
Blue Ridge	493,960	100.0	-	-	-	-	-	-	-	-	-	-	493,960
Brunswick	376,748	99.6	-	-	-	-	-	-	1,613	0.4	-	-	378,361
Caldwell	526,311	100.0	-	-	-	-	-	-	-	-	-	-	526,311
Cape Fear	1,863,938	99.9	-	-	-	-	2,600	0.1	-	-	-	-	1,866,538
Carteret**	217,402	88.2	-	-	-	-	17,830	7.2	-	-	11,150	4.5	246,382
Catawba Valley	544,285	81.8	63,788	9.6	-	-	37,500	5.6	19,625	3.0	-	-	665,198
Central Carolina	538,449	79.6	-	-	-	-	-	-	138,096	20.4	-	-	676,545
Central Piedmont	3,314,214	97.0	-	-	-	-	102,211	3.0	-	-	-	-	3,416,425
Cleveland	295,213	93.7	-	-	-	-	-	-	19,826	6.3	-	-	315,039
Coastal Carolina	360,644	100.0	-	-	-	-	-	-	-	-	-	-	360,644

\*Other is Category 6

\*\*Other is Category 7

\*\*\*Other is Category 8

**Table 18. Ownership of Buildings**

Institution	1		2		3		4		5		Other		Total Gross Sq. Ft.
	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate				
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Coll. of Albemarle	332,926	84.0	-	-	-	-	-	-	63,271	16.0	-	-	396,197
Craven	312,947	98.9	-	-	-	-	-	-	3,498	1.1	-	-	316,445
Davidson County	501,305	97.4	-	-	-	-	13,594	2.6	-	-	-	-	514,899
Durham	493,195	91.1	-	-	-	-	48,451	8.9	-	-	-	-	541,646
Edgecombe	296,339	98.8	-	-	-	-	3,654	1.2	-	-	-	-	299,993
Fayetteville*	934,585	91.5	-	-	-	-	86,748	8.5	-	-	-	-	1,021,333
Forsyth	1,027,829	93.7	-	-	-	-	24,000	2.2	45,073	4.1	-	-	1,096,902
Gaston	668,734	90.8	-	-	-	-	67,959	9.2	-	-	-	-	736,693
Guilford	1,829,720	96.3	-	-	-	-	67,389	3.5	110	0.0	3,415	0.2	1,900,634
Halifax	268,984	99.1	-	-	-	-	2,484	0.9	-	-	-	-	271,468
Haywood	368,684	100.0	-	-	-	-	-	-	-	-	-	-	368,684
Isothermal	300,456	84.7	-	-	-	-	54,422	15.3	-	-	-	-	354,878
James Sprunt	169,078	84.5	-	-	-	-	26,054	13.0	5,000	2.5	-	-	200,132
Johnston	389,358	85.3	-	-	-	-	27,300	6.0	39,773	8.7	-	-	456,431
Lenoir	412,309	94.4	-	-	-	-	7,080	1.6	17,211	3.9	-	-	436,600
Martin	228,135	100.0	-	-	-	-	-	-	-	-	-	-	228,135
Mayland	250,092	100.0	-	-	-	-	-	-	-	-	-	-	250,092
McDowell	159,319	77.6	-	-	-	-	-	-	46,121	22.4	-	-	205,440
Mitchell	362,262	97.8	-	-	-	-	8,320	2.2	-	-	-	-	370,582
Montgomery	129,042	96.8	-	-	-	-	4,224	3.2	-	-	-	-	133,266
Nash	367,233	99.5	-	-	-	-	1,810	0.5	-	-	-	-	369,043
Pamlico	86,035	100.0	-	-	-	-	-	-	-	-	-	-	86,035
Piedmont	175,509	99.0	-	-	-	-	1,750	1.0	-	-	-	-	177,259
Pitt	695,135	100.0	-	-	-	-	-	-	-	-	-	-	695,135
Randolph	398,347	98.6	-	-	-	-	5,475	1.4	-	-	-	-	403,822
Richmond	244,209	96.3	-	-	-	-	-	-	-	-	9,466	3.7	253,675
Roanoke-Chowan	159,042	95.0	-	-	8,379	5.0	-	-	-	-	-	-	167,421
Robeson	265,260	94.9	-	-	-	-	-	-	14,400	5.1	-	-	279,660
Rockingham	332,733	100.0	-	-	-	-	-	-	-	-	-	-	332,733
Rowan-Cabarrus	543,669	89.7	62,332	10.3	-	-	-	-	-	-	-	-	606,001
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	514,929	99.8	-	-	-	-	930	0.2	-	-	-	-	515,859
South Piedmont	398,070	98.4	-	-	-	-	-	-	440	0.1	6,048	1.5	404,558
Southeastern	245,484	100.0	-	-	-	-	-	-	-	-	-	-	245,484
Southwestern	303,926	100.0	-	-	-	-	-	-	-	-	-	-	303,926
Stanly	190,891	82.4	-	-	-	-	11,920	5.1	-	-	28,875	12.5	231,686
Surry	400,430	84.0	-	-	-	-	-	-	76,495	16.0	-	-	476,925
Tri-County	153,789	90.8	-	-	-	-	-	-	15,500	9.2	-	-	169,289
Vance-Granville	397,903	98.0	-	-	-	-	8,306	2.0	-	-	-	-	406,209
Wake	2,299,087	93.4	-	-	-	-	130,387	5.3	32,150	1.3	-	-	2,461,624
Wayne	390,816	81.1	-	-	-	-	-	-	90,861	18.9	-	-	481,677
Western Piedmont	317,248	75.8	-	-	-	-	8,680	2.1	92,382	22.1	-	-	418,310
Wilkes	474,506	97.0	-	-	-	-	14,737	3.0	-	-	-	-	489,243
Wilson	246,125	98.7	-	-	-	-	-	-	3,240	1.3	-	-	249,365
Subtotal	29,620,442	94.4	126,120	0.4	8,379	0.0	831,463	2.6	742,685	2.4	58,954	0.2	31,388,043
Grand Total	101,729,488	83.1	14,430,508	11.8	2,392,599	2.0	2,544,186	2.1	1,030,580	0.8	350,975	0.3	122,478,336

\*Other is Category 6

\*\*Other is Category 7

\*\*\*Other is Category 8

## TABLES 19 & 20:

### CAPITAL INVESTMENT IN BUILDINGS

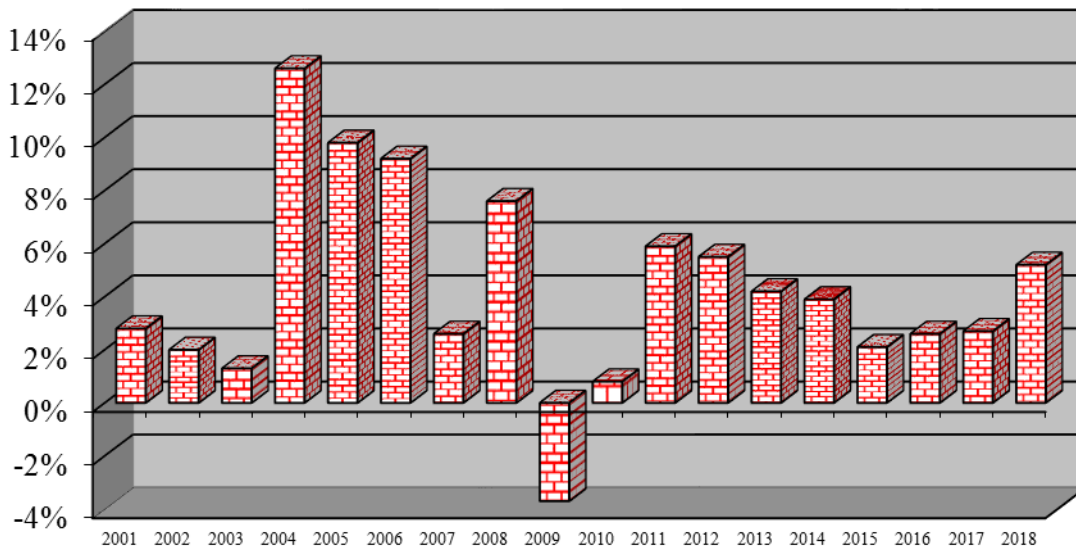
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility that is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings that are purchased, the acquisition cost is applicable.

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 similar to 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 was a reflection of 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 2018 factor applied to the estimated replacement values for the current year.

Annual		Annual		Annual	
<u>Year</u>	<u>Increase</u>	<u>Year</u>	<u>Increase</u>	<u>Year</u>	<u>Increase</u>
2001	2.8%	2007	2.6%	2013	4.2%
2002	2.0%	2008	7.6%	2014	3.9%
2003	1.2%	2009	-3.7%	2015	2.1%
2004	12.6%	2010	0.8%	2016	2.6%
2005	9.8%	2011	5.9%	2017	2.7%
2006	9.2%	2012	5.5%	2018	5.2%

## 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 109) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

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 both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

**Table 19 and 20. Capital Investment**

Institution	No. of Bldg	Non-Residential Buildings			No. of Bldg	Residential Buildings		
		Building Cost	Replacement Value	Gross Sq. Ft. on Campus		Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Public Institutions								
Research Universities I								
NC State	967	\$1,013,385,342	\$4,362,906,894	13,560,116	145	\$229,328,302	\$736,380,842	3,125,220
NC State Veterinary Med	43	\$105,808,889	\$354,132,763	888,676	-	-	-	-
UNC-Chapel Hill	291	\$1,435,821,272	\$3,509,927,197	9,853,057	93	\$223,577,921	\$686,641,186	3,529,316
UNC-Chapel Hill Hlth Aff.	105	\$853,562,802	\$2,129,832,896	7,008,411	1	\$31,500	\$188,122	1,242
Subtotal	1,406	\$3,408,578,305	\$10,356,799,750	31,310,260	239	\$452,937,723	\$1,423,210,150	6,655,778
Doctoral Universities I & II								
East Carolina	150	\$415,252,298	\$1,401,162,506	4,132,398	19	\$103,507,000	\$313,394,640	1,324,002
East Carolina Hlth Aff.	52	\$283,896,448	\$613,401,077	1,900,092	-	-	-	-
N.C. A&T	108	\$290,908,077	\$977,730,500	2,816,397	14	\$29,173,424	\$150,580,006	587,627
UNC Charlotte	81	\$786,815,140	\$1,620,377,122	7,261,985	36	\$292,171,444	\$493,366,144	2,324,563
UNC Greensboro	114	\$377,396,329	\$1,880,900,914	4,443,664	32	\$170,312,273	\$823,222,600	2,188,911
Subtotal	505	\$2,154,268,292	\$6,493,572,119	20,554,536	101	\$595,164,141	\$1,780,563,390	6,425,103
Master's (Comprehensive) Universities & Colleges I								
Appalachian	70	\$464,926,708	\$1,054,597,484	3,632,234	22	\$99,753,503	\$274,257,706	1,332,286
Fayetteville	41	\$110,938,819	\$273,899,383	1,120,153	9	\$27,407,381	\$66,320,159	352,044
NCCU	48	\$173,980,332	\$651,662,115	1,546,467	15	\$61,358,438	\$223,169,061	725,960
UNC Pembroke	43	\$124,290,500	\$336,891,017	1,098,333	12	\$39,709,198	\$101,698,353	488,355
UNC Wilmington	118	\$369,702,297	\$712,553,824	2,753,809	51	\$140,574,962	\$266,724,935	1,281,445
Western Carolina	70	\$206,910,804	\$533,818,743	2,231,177	38	\$124,372,555	\$266,238,403	1,207,114
Winston-Salem	39	\$109,328,279	\$299,263,960	1,235,340	17	\$92,670,235	\$170,067,265	797,942
Subtotal	429	\$1,560,077,739	\$3,862,686,526	13,617,513	164	\$585,846,272	\$1,368,475,882	6,185,146
Baccalaureate (Liberal Arts) Universities & Colleges I & II								
Elizabeth City	38	\$86,457,915	\$263,632,499	853,073	14	\$34,818,578	\$79,024,109	448,015
UNC Asheville	31	\$136,269,920	\$386,019,286	1,160,584	21	\$86,308,807	\$163,182,753	530,478
Subtotal	69	\$222,727,835	\$649,651,785	2,013,657	35	\$121,127,385	\$242,206,862	978,493
Schools of Art, Music, & Design								
UNC School of the Arts	46	\$97,021,127	\$250,876,243	992,472	19	\$10,995,657	\$35,980,983	220,082
Subtotal	46	\$97,021,127	\$250,876,243	992,472	19	\$10,995,657	\$35,980,983	220,082
Teaching Hospitals								
UNC Hospitals	30	\$151,744,106	\$1,036,111,492	2,499,249	-	-	-	-
Subtotal	30	\$151,744,106	\$1,036,111,492	2,499,249	-	-	-	-
Community Colleges								
Alamance	15	\$44,867,715	\$202,298,318	448,411	-	-	-	-
Asheville-Buncombe	25	\$161,977,385	\$288,384,473	1,051,033	-	-	-	-
Beaufort Co.	18	\$22,960,710	\$52,752,439	272,813	-	-	-	-
Bladen	19	\$8,812,941	\$27,237,075	145,580	-	-	-	-
Blue Ridge	18	\$79,444,334	\$128,655,808	493,960	-	-	-	-
Brunswick	22	\$42,461,103	\$82,273,891	378,361	-	-	-	-
Caldwell	24	\$47,430,580	\$115,824,199	526,311	-	-	-	-
Cape Fear	36	\$224,679,803	\$399,349,591	1,861,145	1	\$423,000	\$9,214,258	5,393
Carteret	19	\$17,478,813	\$54,031,363	246,382	-	-	-	-
Catawba Valley	20	\$35,423,279	\$117,224,294	665,198	-	-	-	-
Central Carolina	43	\$58,098,255	\$138,665,038	676,545	-	-	-	-



Table 19 and 20. Capital Investment

Institution	No. of Bldg	Non-Residential Buildings			No. of Bldg	Residential Buildings		
		Building Cost	Replacement Value	Gross Sq. Ft. on Campus		Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Central Piedmont	60	\$372,132,213	\$732,060,024	3,416,425	-	-	-	-
Cleveland	14	\$22,983,131	\$80,975,654	315,039	-	-	-	-
Coastal Carolina	18	\$32,742,443	\$82,377,761	360,644	-	-	-	-
Coll. of Albemarle	23	\$27,962,752	\$173,402,290	396,197	-	-	-	-
Craven	15	\$31,770,411	\$76,302,124	316,445	-	-	-	-
Davidson County	32	\$40,455,517	\$120,937,443	514,899	-	-	-	-
Durham	19	\$34,355,718	\$99,443,684	541,646	-	-	-	-
Edgecombe	15	\$32,264,669	\$66,118,323	299,993	-	-	-	-
Fayetteville	38	\$73,113,125	\$180,380,491	1,021,333	-	-	-	-
Forsyth	34	\$88,139,943	\$203,034,512	1,096,902	-	-	-	-
Gaston	29	\$96,546,476	\$205,917,650	736,693	-	-	-	-
Guilford	59	\$160,445,006	\$446,037,721	1,900,634	-	-	-	-
Halifax	15	\$17,710,747	\$44,909,216	271,468	-	-	-	-
Haywood	24	\$38,345,309	\$104,906,461	368,684	-	-	-	-
Isothermal	22	\$22,096,317	\$72,857,109	354,878	-	-	-	-
James Sprunt	13	\$10,540,594	\$32,920,651	200,132	-	-	-	-
Johnston	20	\$37,791,308	\$98,789,722	456,431	-	-	-	-
Lenoir	29	\$25,869,008	\$87,383,459	436,600	-	-	-	-
Martin	11	\$4,861,226	\$26,044,859	228,135	-	-	-	-
Mayland	18	\$14,341,346	\$38,070,306	250,092	-	-	-	-
McDowell	11	\$10,404,072	\$42,196,520	205,440	-	-	-	-
Mitchell	26	\$19,772,528	\$66,143,730	370,582	-	-	-	-
Montgomery	7	\$8,849,023	\$24,327,431	133,266	-	-	-	-
Nash	14	\$37,898,158	\$69,134,148	369,043	-	-	-	-
Pamlico	9	\$8,017,519	\$19,962,085	86,035	-	-	-	-
Piedmont	19	\$12,495,471	\$35,379,808	177,259	-	-	-	-
Pitt	29	\$77,859,292	\$141,367,434	695,135	-	-	-	-
Randolph	31	\$28,352,168	\$70,425,554	403,822	-	-	-	-
Richmond	11	\$23,877,083	\$64,079,873	253,675	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$32,760,069	167,421	-	-	-	-
Robeson	20	\$21,781,650	\$58,169,018	279,660	-	-	-	-
Rockingham	17	\$15,264,868	\$60,104,530	332,733	-	-	-	-
Rowan-Cabarrus	23	\$66,762,157	\$167,522,897	606,001	-	-	-	-
Sampson	14	\$16,606,673	\$40,908,742	199,414	-	-	-	-
Sandhills	29	\$49,475,501	\$111,993,905	510,514	1	\$52,000	\$1,227,844	5,345
South Piedmont	19	\$14,370,493	\$75,643,732	404,558	-	-	-	-
Southeastern	22	\$14,840,977	\$60,401,875	245,484	-	-	-	-
Southwestern	14	\$27,290,153	\$60,162,619	303,926	-	-	-	-
Stanly	15	\$12,860,020	\$49,984,869	231,686	-	-	-	-
Surry	25	\$31,760,796	\$91,744,559	476,925	-	-	-	-
Tri-County	22	\$10,464,907	\$32,471,446	169,289	-	-	-	-
Vance-Granville	22	\$31,600,629	\$88,225,832	406,209	-	-	-	-
Wake	43	\$309,103,719	\$468,994,084	2,461,624	-	-	-	-
Wayne	20	\$36,345,550	\$95,550,829	481,677	-	-	-	-
Western Piedmont	37	\$19,277,800	\$73,123,363	418,310	-	-	-	-
Wilkes	28	\$33,784,636	\$86,880,208	489,243	-	-	-	-
Wilson	17	\$12,503,905	\$45,674,823	249,365	-	-	-	-
<b>Subtotal</b>	<b>1,320</b>	<b>\$2,889,426,698</b>	<b>\$6,812,899,932</b>	<b>31,377,305</b>	<b>2</b>	<b>\$475,000</b>	<b>\$10,442,102</b>	<b>10,738</b>
<b>Grand Total</b>	<b>3,805</b>	<b>\$10,483,844,102</b>	<b>\$29,462,597,847</b>	<b>102,364,992</b>	<b>560</b>	<b>\$1,766,546,178</b>	<b>\$4,860,879,369</b>	<b>20,475,340</b>

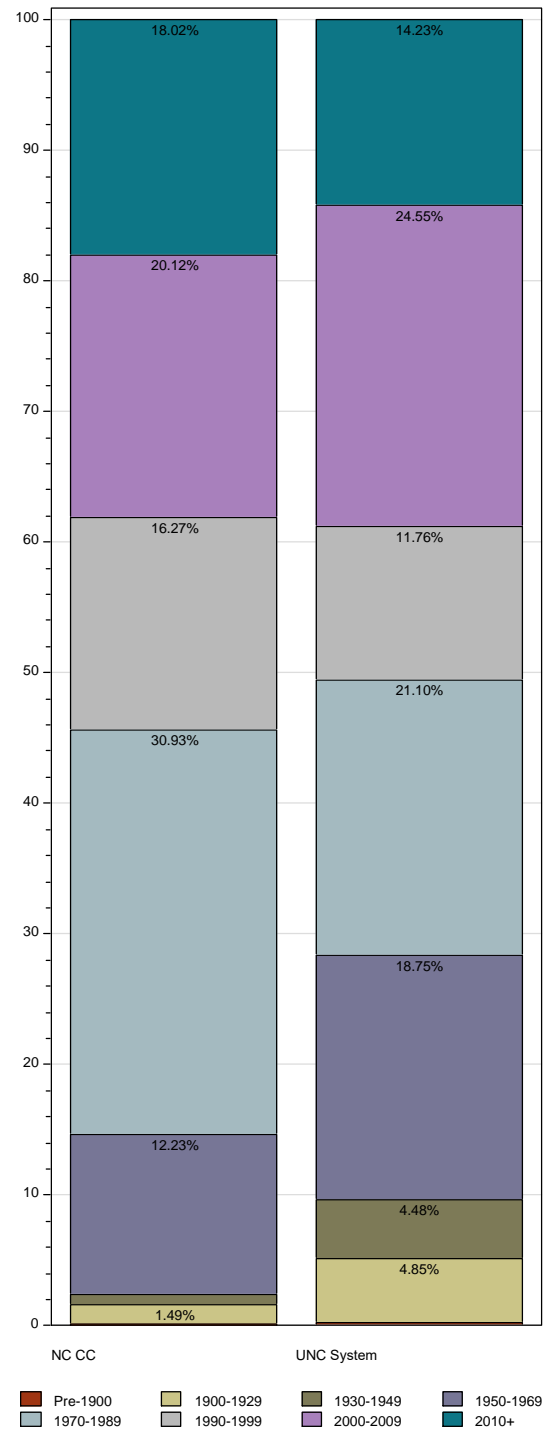
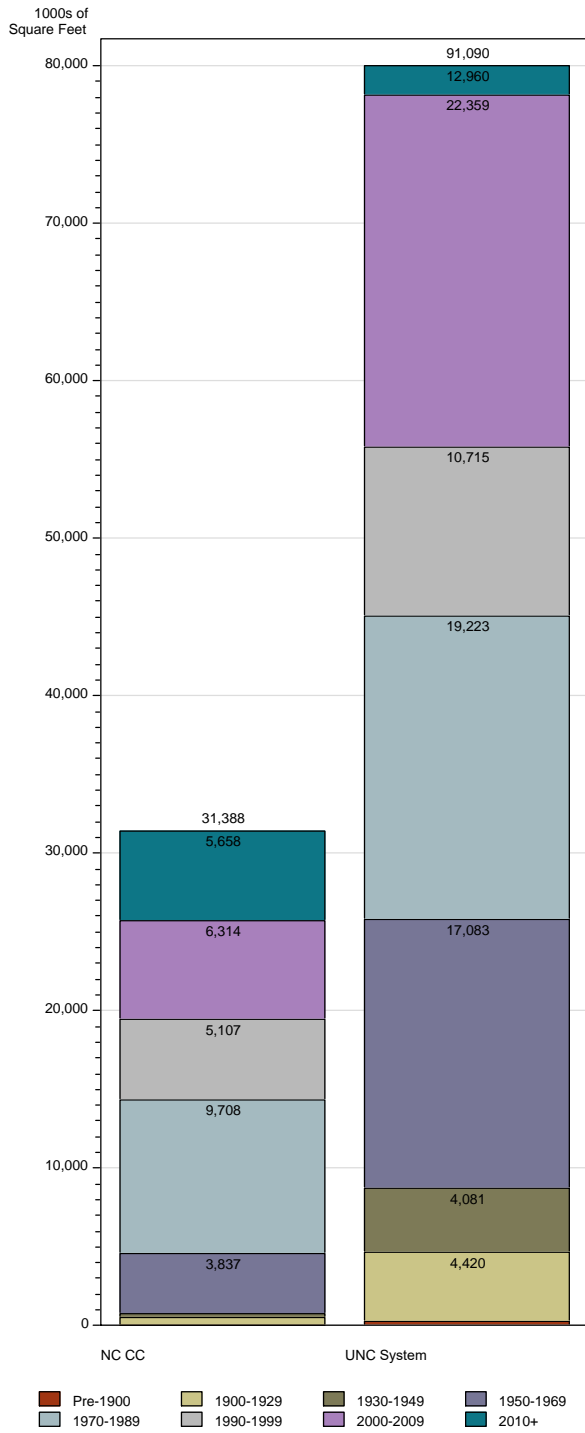
## **TABLE 21:**

### **AGE OF BUILDINGS**

This table reports the total gross square footage of North Carolina colleges and 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 indication of how new an institution's facilities are, it does not take into account 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).

# **Percentage Distribution of Gross Area by Age of Buildings**



**Table 21. Age of Buildings**

Institution	Period of Construction							
	Total Gross Square Feet	Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	16,513,261	73,189	994,120	1,290,165	3,437,850	3,393,375	2,086,631	5,237,931
NC State Veterinary Med	888,676	-	-	30,615	20,003	382,342	10,240	445,476
UNC-Chapel Hill	13,379,013	135,435	1,345,932	919,555	2,651,521	2,137,117	1,261,645	4,927,808
UNC-Chapel Hill Hlth Aff.	7,008,411	-	-	130,069	878,446	1,677,299	1,509,531	2,813,066
<b>Subtotal</b>	<b>37,789,361</b>	<b>208,624</b>	<b>2,340,052</b>	<b>2,370,404</b>	<b>6,987,820</b>	<b>7,590,133</b>	<b>4,868,047</b>	<b>13,424,281</b>
<b>Doctoral Universities I &amp; II</b>								
East Carolina	5,408,085	-	618,407	207,014	2,060,536	933,216	281,944	1,306,968
East Carolina Hlth Aff.	1,900,092	1,275	10,443	-	29,475	582,114	200,132	1,076,653
N.C. A&T	3,404,024	-	83,209	215,322	902,092	738,737	218,657	1,246,007
UNC Charlotte	9,586,548	-	-	-	485,234	2,018,015	1,495,608	5,587,691
UNC Greensboro	6,632,575	36,292	856,621	278,212	1,042,715	1,116,907	979,684	2,322,144
<b>Subtotal</b>	<b>26,931,324</b>	<b>37,567</b>	<b>1,568,680</b>	<b>700,548</b>	<b>4,520,052</b>	<b>5,388,989</b>	<b>3,176,025</b>	<b>11,539,463</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>								
Appalachian	4,964,520	-	7,010	239,074	1,362,387	854,519	499,186	2,002,344
Fayetteville	1,472,197	-	23,364	129,538	303,347	455,095	235,374	325,479
NCCU	2,272,427	-	36,379	204,829	666,161	507,939	174,070	683,049
UNC Pembroke	1,586,688	-	-	16,408	399,815	442,015	59,142	669,308
UNC Wilmington	4,035,254	-	33,652	-	247,536	1,261,127	276,833	2,216,106
Western Carolina	3,320,937	2,563	56,107	196,152	914,319	1,030,404	2,046	1,119,346
Winston-Salem	2,013,632	-	71,407	56,786	301,910	402,231	366,863	814,435
<b>Subtotal</b>	<b>19,665,655</b>	<b>2,563</b>	<b>227,919</b>	<b>842,787</b>	<b>4,195,475</b>	<b>4,953,330</b>	<b>1,613,514</b>	<b>7,830,067</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>								
Elizabeth City	1,301,088	-	92,594	39,855	255,429	293,171	108,377	511,662
UNC Asheville	1,691,062	-	4,249	-	330,789	246,199	436,492	673,333
<b>Subtotal</b>	<b>2,992,150</b>	<b>-</b>	<b>96,843</b>	<b>39,855</b>	<b>586,218</b>	<b>539,370</b>	<b>544,869</b>	<b>1,184,995</b>
<b>Schools of Art, Music, &amp; Design</b>								
UNC School of the Arts	1,212,554	-	186,898	75,854	223,072	221,985	98,095	406,650
<b>Subtotal</b>	<b>1,212,554</b>	<b>-</b>	<b>186,898</b>	<b>75,854</b>	<b>223,072</b>	<b>221,985</b>	<b>98,095</b>	<b>406,650</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	2,499,249	-	-	51,256	569,995	529,579	414,366	934,053
<b>Subtotal</b>	<b>2,499,249</b>	<b>-</b>	<b>-</b>	<b>51,256</b>	<b>569,995</b>	<b>529,579</b>	<b>414,366</b>	<b>934,053</b>
<b>Community Colleges</b>								
Alamance	448,411	-	-	-	-	192,616	51,209	204,586
Asheville-Buncombe	1,051,033	10,161	3,785	-	208,158	224,715	148,395	455,819
Beaufort Co.	272,813	-	-	-	-	128,628	49,928	94,257
Bladen	145,580	-	-	-	-	99,947	23,114	22,519
Blue Ridge	493,960	-	-	-	-	146,613	135,815	211,532
Brunswick	378,361	-	-	3,732	20,314	141,784	120,851	91,680
Caldwell	526,311	-	-	-	98,674	167,495	125,316	134,826
Cape Fear	1,866,538	-	-	-	55,615	171,274	214,475	1,425,174
Carteret	246,382	-	2,747	-	18,051	76,954	42,339	106,291
Catawba Valley	665,198	-	-	-	90,794	257,524	101,288	215,592
Central Carolina	676,545	-	23,387	15,785	76,680	108,306	168,930	283,457
Central Piedmont	3,416,425	-	105,483	28,847	218,622	805,450	607,931	1,650,092
Cleveland	315,039	-	-	-	-	192,584	45,260	77,195
Coastal Carolina	360,644	-	-	-	-	219,765	66,664	74,215
Coll. of Albemarle	396,197	-	-	5,268	81,790	173,949	21,800	113,390

**Table 21. Age of Buildings**

Institution	Period of Construction							
	Total Gross Square Feet	Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
Craven	316,445	-	-	-	-	117,255	77,918	121,272
Davidson County	514,899	-	-	3,286	127,707	131,440	129,771	122,695
Durham	541,646	-	-	5,366	163,189	166,121	89,912	117,058
Edgecombe	299,993	1,425	20,863	-	-	119,135	28,420	130,150
Fayetteville	1,021,333	-	-	3,905	269,937	211,974	262,149	273,368
Forsyth	1,096,902	-	-	-	193,809	339,564	213,495	350,034
Gaston	736,693	-	63,927	64,000	153,100	140,357	79,354	235,955
Guilford	1,900,634	1,931	-	11,050	370,825	373,012	326,443	817,373
Halifax	271,468	-	-	-	-	110,345	68,680	92,443
Haywood	368,684	-	-	-	13,046	181,810	80,503	93,325
Isothermal	354,878	-	3,119	-	58,484	161,623	61,000	70,652
James Sprunt	200,132	-	-	-	23,045	120,796	28,000	28,291
Johnston	456,431	-	-	-	3,168	210,380	87,485	155,398
Lenoir	436,600	-	5,940	-	133,859	154,795	88,877	53,129
Martin	228,135	-	-	-	-	163,591	64,544	-
Mayland	250,092	-	-	-	-	155,509	48,355	46,228
McDowell	205,440	-	-	-	30,104	124,252	18,950	32,134
Mitchell	370,582	28,793	91,303	36,915	32,819	80,908	-	99,844
Montgomery	133,266	-	-	-	-	73,986	52,902	6,378
Nash	369,043	-	-	-	-	159,212	57,099	152,732
Pamlico	86,035	-	-	-	-	40,957	8,932	36,146
Piedmont	177,259	-	-	-	-	136,734	8,705	31,820
Pitt	695,135	-	-	-	75,365	91,705	114,221	413,844
Randolph	403,822	-	-	-	43,991	190,998	52,683	116,150
Richmond	253,675	-	-	-	56,560	103,515	38,500	55,100
Roanoke-Chowan	167,421	-	-	-	8,379	114,542	13,000	31,500
Robeson	279,660	-	-	-	-	184,284	19,795	75,581
Rockingham	332,733	-	-	-	148,238	120,791	45,512	18,192
Rowan-Cabarrus	606,001	-	-	-	179,772	121,826	102,062	202,341
Sampson	199,414	-	-	-	4,109	115,265	36,689	43,351
Sandhills	515,859	-	-	-	120,821	142,572	64,040	188,426
South Piedmont	404,558	-	117,000	-	-	125,586	81,512	80,460
Southeastern	245,484	-	-	-	82,095	78,979	38,361	46,049
Southwestern	303,926	-	-	-	31,318	167,469	30,640	74,499
Stanly	231,686	-	28,875	-	21,381	86,475	46,016	48,939
Surry	476,925	-	-	-	88,195	169,885	67,162	151,683
Tri-County	169,289	-	-	25,130	11,758	101,569	15,600	15,232
Vance-Granville	406,209	-	-	-	3,069	215,726	59,403	128,011
Wake	2,461,624	-	-	-	97,189	386,784	233,204	1,744,447
Wayne	481,677	-	-	-	78,715	192,606	145,037	65,319
Western Piedmont	418,310	-	-	52,182	140,716	120,864	39,030	65,518
Wilkes	489,243	-	-	-	113,335	168,997	49,303	157,608
Wilson	249,365	-	-	-	90,580	126,149	10,170	22,466
<b>Subtotal</b>	<b>31,388,043</b>	<b>42,310</b>	<b>466,429</b>	<b>255,466</b>	<b>3,837,376</b>	<b>9,707,947</b>	<b>5,106,749</b>	<b>11,971,766</b>
<b>Grand Total</b>	<b>122,478,336</b>	<b>291,064</b>	<b>4,886,821</b>	<b>4,336,170</b>	<b>20,920,008</b>	<b>28,931,333</b>	<b>15,821,665</b>	<b>47,291,275</b>

## **TABLE 22:**

### **CONDITION OF BUILDINGS**

The physical condition of campus buildings has been a matter of increasing concern to college and 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 colleges and 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 and the N.C. Community College System, 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-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 a given 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 in order 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)**

1. Definition. 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.

2. Description. This building characteristic has 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		Demolition		Termination		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Public Institutions													
Research Universities I													
NC State	6,678,944	40.4	3,869,760	23.4	4,334,894	26.3	1,523,146	9.2	104,793	0.6	1,724	0.0	16,513,261
NC State Veterinary Med	344,881	38.8	104,625	11.8	439,170	49.4	-	-	-	-	-	-	888,676
UNC-Chapel Hill	4,030,512	30.1	5,480,353	41.0	2,631,112	19.7	1,228,162	9.2	8,874	0.1	-	-	13,379,013
UNC-Chapel Hill Hlth Aff.	1,532,906	21.9	3,767,178	53.8	1,329,059	19.0	253,070	3.6	126,198	1.8	-	-	7,008,411
Subtotal	12,587,243	33.3	13,221,916	35.0	8,734,235	23.1	3,004,378	8.0	239,865	0.6	1,724	0.0	37,789,361
Doctoral Universities I & II													
East Carolina	2,039,520	37.7	1,046,707	19.4	524,146	9.7	1,787,180	33.0	10,385	0.2	147	0.0	5,408,085
East Carolina Hlth Aff.	1,279,491	67.3	100,391	5.3	5,790	0.3	514,420	27.1	-	-	-	-	1,900,092
N.C. A&T	1,901,966	55.9	130,194	3.8	431,351	12.7	940,513	27.6	-	-	-	-	3,404,024
UNC Charlotte	8,093,962	84.4	678,101	7.1	578,690	6.0	129,936	1.4	-	-	105,859	1.1	9,586,548
UNC Greensboro	3,740,164	56.4	2,110,483	31.8	543,366	8.2	232,514	3.5	6,048	0.1	-	-	6,632,575
Subtotal	17,055,103	63.3	4,065,876	15.1	2,083,343	7.7	3,604,563	13.4	16,433	0.1	106,006	0.4	26,931,324
Master's (Comprehensive) Universities & Colleges I													
Appalachian	1,741,647	35.1	2,201,727	44.3	246,283	5.0	700,944	14.1	45,707	0.9	28,212	0.6	4,964,520
Fayetteville	196,605	13.4	599,316	40.7	410,793	27.9	168,589	11.5	96,894	6.6	-	-	1,472,197
NCCU	1,932,805	85.1	130,106	5.7	121,789	5.4	81,348	3.6	6,379	0.3	-	-	2,272,427
UNC Pembroke	1,586,688	100.0	-	-	-	-	-	-	-	-	-	-	1,586,688
UNC Wilmington	3,793,648	94.0	5,066	0.1	-	-	143,382	3.6	93,158	2.3	-	-	4,035,254
Western Carolina	2,099,054	63.2	1,021,286	30.8	165,783	5.0	34,814	1.0	-	-	-	-	3,320,937
Winston-Salem	1,246,545	61.9	545,248	27.1	112,200	5.6	75,516	3.8	34,123	1.7	-	-	2,013,632
Subtotal	12,596,992	64.1	4,502,749	22.9	1,056,848	5.4	1,204,593	6.1	276,261	1.4	28,212	0.1	19,665,655
Baccalaureate (Liberal Arts) Universities & Colleges I & II													
Elizabeth City	853,922	65.6	226,441	17.4	85,200	6.5	108,035	8.3	27,490	2.1	-	-	1,301,088
UNC Asheville	496,533	29.4	520,833	30.8	230,278	13.6	443,418	26.2	-	-	-	-	1,691,062
Subtotal	1,350,455	45.1	747,274	25.0	315,478	10.5	551,453	18.4	27,490	0.9	-	-	2,992,150
Schools of Art, Music, & Design													
UNC School of the Arts	933,941	77.0	212,096	17.5	10,605	0.9	55,912	4.6	-	-	-	-	1,212,554
Subtotal	933,941	77.0	212,096	17.5	10,605	0.9	55,912	4.6	-	-	-	-	1,212,554
Teaching Hospitals													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Subtotal	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Community Colleges													
Alamance	448,411	100.0	-	-	-	-	-	-	-	-	-	-	448,411
Asheville-Buncombe	202,267	19.2	33,612	3.2	127,007	12.1	587,147	55.9	-	-	101,000	9.6	1,051,033
Beaufort Co.	272,813	100.0	-	-	-	-	-	-	-	-	-	-	272,813
Bladen	145,580	100.0	-	-	-	-	-	-	-	-	-	-	145,580
Blue Ridge	493,960	100.0	-	-	-	-	-	-	-	-	-	-	493,960
Brunswick	358,047	94.6	-	-	20,314	5.4	-	-	-	-	-	-	378,361
Caldwell	526,311	100.0	-	-	-	-	-	-	-	-	-	-	526,311
Cape Fear	1,752,138	93.9	114,400	6.1	-	-	-	-	-	-	-	-	1,866,538
Carteret	232,338	94.3	-	-	5,197	2.1	8,847	3.6	-	-	-	-	246,382
Catawba Valley	665,198	100.0	-	-	-	-	-	-	-	-	-	-	665,198
Central Carolina	676,545	100.0	-	-	-	-	-	-	-	-	-	-	676,545
Central Piedmont	2,010,120	58.8	1,097,250	32.1	128,355	3.8	180,700	5.3	-	-	-	-	3,416,425
Cleveland	315,039	100.0	-	-	-	-	-	-	-	-	-	-	315,039
Coastal Carolina	360,644	100.0	-	-	-	-	-	-	-	-	-	-	360,644
Coll. of Albemarle	310,988	78.5	29,800	7.5	-	-	10,618	2.7	44,791	11.3	-	-	396,197
Craven	316,445	100.0	-	-	-	-	-	-	-	-	-	-	316,445



**Table 22. Condition of Buildings: Gross Square Footage**

Institution	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Davidson County	514,899	100.0	-	-	-	-	-	-	-	-	-	-	514,899
Durham	541,646	100.0	-	-	-	-	-	-	-	-	-	-	541,646
Edgecombe	299,993	100.0	-	-	-	-	-	-	-	-	-	-	299,993
Fayetteville	1,021,333	100.0	-	-	-	-	-	-	-	-	-	-	1,021,333
Forsyth	1,032,305	94.1	-	-	-	-	-	-	64,597	5.9	-	-	1,096,902
Gaston	736,693	100.0	-	-	-	-	-	-	-	-	-	-	736,693
Guilford	1,209,869	63.7	172,622	9.1	157,544	8.3	358,668	18.9	-	-	1,931	0.1	1,900,634
Halifax	271,468	100.0	-	-	-	-	-	-	-	-	-	-	271,468
Haywood	117,199	31.8	131,191	35.6	80,299	21.8	39,995	10.8	-	-	-	-	368,684
Isothermal	354,878	100.0	-	-	-	-	-	-	-	-	-	-	354,878
James Sprunt	200,132	100.0	-	-	-	-	-	-	-	-	-	-	200,132
Johnston	456,431	100.0	-	-	-	-	-	-	-	-	-	-	456,431
Lenoir	436,600	100.0	-	-	-	-	-	-	-	-	-	-	436,600
Martin	228,135	100.0	-	-	-	-	-	-	-	-	-	-	228,135
Mayland	174,028	69.6	75,770	30.3	-	-	-	-	294	0.1	-	-	250,092
McDowell	205,440	100.0	-	-	-	-	-	-	-	-	-	-	205,440
Mitchell	322,493	87.0	33,681	9.1	-	-	14,408	3.9	-	-	-	-	370,582
Montgomery	133,266	100.0	-	-	-	-	-	-	-	-	-	-	133,266
Nash	369,043	100.0	-	-	-	-	-	-	-	-	-	-	369,043
Pamlico	84,556	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,035
Piedmont	177,259	100.0	-	-	-	-	-	-	-	-	-	-	177,259
Pitt	625,584	90.0	-	-	-	-	69,551	10.0	-	-	-	-	695,135
Randolph	329,927	81.7	31,080	7.7	42,815	10.6	-	-	-	-	-	-	403,822
Richmond	253,675	100.0	-	-	-	-	-	-	-	-	-	-	253,675
Roanoke-Chowan	167,421	100.0	-	-	-	-	-	-	-	-	-	-	167,421
Robeson	279,660	100.0	-	-	-	-	-	-	-	-	-	-	279,660
Rockingham	332,733	100.0	-	-	-	-	-	-	-	-	-	-	332,733
Rowan-Cabarrus	606,001	100.0	-	-	-	-	-	-	-	-	-	-	606,001
Sampson	192,169	96.4	-	-	-	-	7,245	3.6	-	-	-	-	199,414
Sandhills	417,598	81.0	57,779	11.2	-	-	40,482	7.8	-	-	-	-	515,859
South Piedmont	404,558	100.0	-	-	-	-	-	-	-	-	-	-	404,558
Southeastern	95,333	38.8	64,775	26.4	77,576	31.6	7,800	3.2	-	-	-	-	245,484
Southwestern	303,926	100.0	-	-	-	-	-	-	-	-	-	-	303,926
Stanly	231,686	100.0	-	-	-	-	-	-	-	-	-	-	231,686
Surry	476,925	100.0	-	-	-	-	-	-	-	-	-	-	476,925
Tri-County	168,425	99.5	-	-	-	-	-	-	-	-	864	0.5	169,289
Vance-Granville	406,209	100.0	-	-	-	-	-	-	-	-	-	-	406,209
Wake	2,461,624	100.0	-	-	-	-	-	-	-	-	-	-	2,461,624
Wayne	481,677	100.0	-	-	-	-	-	-	-	-	-	-	481,677
Western Piedmont	366,128	87.5	-	-	51,822	12.4	360	0.1	-	-	-	-	418,310
Wilkes	485,728	99.3	-	-	-	-	-	-	-	-	3,515	0.7	489,243
Wilson	249,365	100.0	-	-	-	-	-	-	-	-	-	-	249,365
<b>Subtotal</b>	<b>27,310,862</b>	<b>87.0</b>	<b>1,841,960</b>	<b>5.9</b>	<b>692,408</b>	<b>2.2</b>	<b>1,325,821</b>	<b>4.2</b>	<b>109,682</b>	<b>0.3</b>	<b>107,310</b>	<b>0.3</b>	<b>31,388,043</b>
<b>Grand Total</b>	<b>74,333,845</b>	<b>60.7</b>	<b>24,591,871</b>	<b>20.1</b>	<b>12,892,917</b>	<b>10.5</b>	<b>9,746,720</b>	<b>8.0</b>	<b>669,731</b>	<b>0.5</b>	<b>243,252</b>	<b>0.2</b>	<b>122,478,336</b>

**Table 22a. 2018-19 R&R Allocations**

<b><u>Institution</u></b>	<b><u>Allocation</u></b>	<b><u>% of Total</u></b>
NC State	\$3,902,793	12.05%
UNC-Chapel Hill	\$4,060,204	12.53%
East Carolina	\$2,767,091	8.54%
N.C. A&T	\$1,393,521	4.30%
UNC Charlotte	\$1,800,520	5.56%
UNC Greensboro	\$1,501,947	4.64%
Appalachian	\$1,738,446	5.37%
Fayetteville	\$1,580,468	4.88%
NCCU	\$1,820,385	5.62%
UNC Pembroke	\$725,702	2.24%
UNC Wilmington	\$839,523	2.59%
Western Carolina	\$1,135,239	3.50%
Winston-Salem	\$2,000,752	6.18%
Elizabeth City	\$2,324,885	7.18%
UNC Asheville	\$1,559,700	4.81%
UNC School of the Arts	\$2,036,583	6.29%
NC School of Science and Mathematics	\$928,093	2.86%
UNC System Office	\$283,613	0.88%
<b>TOTAL ALLOCATIONS</b>	<b>\$32,399,465</b>	<b>100.00%</b>

**TABLE 23:**

**ESTIMATED COST TO RENOVATE OR REPLACE  
UNSATISFACTORY FACILITIES**

The common practice of deferring standard maintenance of college and 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 any inadequacies in the amount of space.

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.

Table 23.

## Estimated Cost to Renovate or Replace Less Than Satisfactory Facilities

Institution	Total No. of Facilities	Original Building Cost	Estimated Replacement Cost	No. of Less Than Satisfactory Facilities	GSF of Less Than Satisfactory Facilities	Estimated Cost of Restoring Facilities to Satisfactory Condition
<b>Public Institutions</b>						
<b>Research Universities I</b>						
NC State	1,107	\$1,211,828,033	\$5,051,149,157	540	9,834,317	\$1,199,706,639
NC State Veterinary Med	43	\$105,808,889	\$354,132,763	34	543,795	\$84,523,988
UNC-Chapel Hill	383	\$1,659,354,273	\$4,195,756,285	225	9,348,501	\$870,826,783
UNC-Chapel Hill Hlth Aff.	105	\$2,129,832,896	\$1,814,231,205	77	5,475,505	\$493,844,582
<b>Subtotal</b>	<b>1,638</b>	<b>\$5,106,824,091</b>	<b>\$11,415,269,410</b>	<b>876</b>	<b>25,202,118</b>	<b>\$2,648,901,991</b>
<b>Doctoral Universities I &amp; II</b>						
East Carolina	168	\$518,059,298	\$1,703,694,731	99	3,368,565	\$462,837,105
East Carolina Hlth Aff.	52	\$283,896,448	\$613,401,077	17	620,601	\$103,638,806
N.C. A&T	122	\$320,081,501	\$1,128,310,506	43	1,502,058	\$297,983,134
UNC Charlotte	117	\$1,078,986,584	\$2,113,743,266	23	1,492,586	\$160,169,934
UNC Greensboro	146	\$547,708,602	\$2,704,123,514	62	2,922,288	\$357,913,237
<b>Subtotal</b>	<b>605</b>	<b>\$2,748,732,433</b>	<b>\$8,263,273,094</b>	<b>244</b>	<b>9,906,098</b>	<b>\$1,382,542,216</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>						
Appalachian	92	\$564,680,211	\$1,328,855,190	51	3,222,873	\$311,913,844
Fayetteville	50	\$138,346,200	\$340,219,542	47	1,275,592	\$99,990,262
NCCU	63	\$235,338,770	\$874,831,176	18	339,622	\$46,342,939
UNC Pembroke	55	\$163,999,698	\$438,589,370	-	-	-
UNC Wilmington	169	\$510,277,259	\$979,278,759	17	241,606	\$48,400,375
Western Carolina	107	\$300,771,319	\$766,234,717	44	1,221,883	\$55,551,840
Winston-Salem	55	\$201,908,514	\$465,915,485	26	767,087	\$47,723,170
<b>Subtotal</b>	<b>591</b>	<b>\$2,115,321,971</b>	<b>\$5,193,924,239</b>	<b>203</b>	<b>7,068,663</b>	<b>\$609,922,430</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>						
Elizabeth City	52	\$121,276,493	\$342,656,608	20	447,166	\$41,443,017
UNC Asheville	52	\$222,578,727	\$549,202,039	31	1,194,529	\$172,629,982
<b>Subtotal</b>	<b>104</b>	<b>\$343,855,220</b>	<b>\$891,858,647</b>	<b>51</b>	<b>1,641,695</b>	<b>\$214,072,999</b>
<b>Schools of Art, Music, &amp; Design</b>						
UNC School of the Arts	65	\$108,016,784	\$286,857,226	20	278,613	\$13,766,619
<b>Subtotal</b>	<b>65</b>	<b>\$108,016,784</b>	<b>\$286,857,226</b>	<b>20</b>	<b>278,613</b>	<b>\$13,766,619</b>
<b>Teaching Hospitals</b>						
UNC Hospitals	30	\$151,744,106	\$1,036,111,492	-	-	-
<b>Subtotal</b>	<b>30</b>	<b>\$151,744,106</b>	<b>\$1,036,111,492</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>						
Alamance	15	\$44,867,715	\$202,298,318	-	-	-
Asheville-Buncombe	25	\$161,977,385	\$288,384,473	23	848,766	\$168,104,274
Beaufort Co.	18	\$22,960,710	\$52,752,439	-	-	-
Bladen	19	\$8,812,941	\$27,237,075	-	-	-
Blue Ridge	18	\$79,444,334	\$128,655,808	-	-	-
Brunswick	22	\$42,461,103	\$82,273,891	1	20,314	\$1,219,558
Caldwell	24	\$47,430,580	\$115,824,199	-	-	-
Cape Fear	36	\$225,102,803	\$408,563,849	1	114,400	\$4,331,734
Carteret	19	\$17,478,813	\$54,031,363	4	14,044	\$1,463,747
Catawba Valley	20	\$35,423,279	\$117,224,294	-	-	-

Table 23.

## Estimated Cost to Renovate or Replace Less Than Satisfactory Facilities

Institution	Total No. of Facilities	Original Building Cost	Estimated Replacement Cost	No. of Less Than Satisfactory Facilities	GSF of Less Than Satisfactory Facilities	Estimated Cost of
						Restoring Facilities to Satisfactory Condition
Central Carolina	43	\$58,098,255	\$138,665,038	-	-	-
Central Piedmont	60	\$372,132,213	\$732,060,024	26	1,406,305	\$80,683,365
Cleveland	14	\$22,983,131	\$80,975,654	-	-	-
Coastal Carolina	18	\$32,742,443	\$82,377,761	-	-	-
Coll. of Albemarle	23	\$27,962,752	\$173,402,290	6	85,209	\$33,506,662
Craven	15	\$31,770,411	\$76,302,124	-	-	-
Davidson County	32	\$40,455,517	\$120,937,443	-	-	-
Durham	19	\$34,355,718	\$99,443,684	-	-	-
Edgecombe	15	\$32,264,669	\$66,118,323	-	-	-
Fayetteville	38	\$73,113,125	\$180,380,491	-	-	-
Forsyth	34	\$88,139,943	\$203,034,512	5	64,597	\$14,089,952
Gaston	29	\$96,546,476	\$205,917,650	-	-	-
Guilford	59	\$160,445,006	\$446,037,721	19	690,765	\$69,706,373
Halifax	15	\$17,710,747	\$44,909,216	-	-	-
Haywood	24	\$38,345,309	\$104,906,461	16	251,485	\$23,152,180
Isothermal	22	\$22,096,317	\$72,857,109	-	-	-
James Sprunt	13	\$10,540,594	\$32,920,651	-	-	-
Johnston	20	\$37,791,308	\$98,789,722	-	-	-
Lenoir	29	\$25,869,008	\$87,383,459	-	-	-
Martin	11	\$4,861,226	\$26,044,859	-	-	-
Mayland	18	\$14,341,346	\$38,070,306	3	76,064	\$318,696
McDowell	11	\$10,404,072	\$42,196,520	-	-	-
Mitchell	26	\$19,772,528	\$66,143,730	4	48,089	\$3,075,455
Montgomery	7	\$8,849,023	\$24,327,431	-	-	-
Nash	14	\$37,898,158	\$69,134,148	-	-	-
Pamlico	9	\$8,017,519	\$19,962,085	1	1,479	\$112,136
Piedmont	19	\$12,495,471	\$35,379,808	-	-	-
Pitt	29	\$77,859,292	\$141,367,434	2	69,551	\$9,434,505
Randolph	31	\$28,352,168	\$70,425,554	3	73,895	\$3,741,199
Richmond	11	\$23,877,083	\$64,079,873	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$32,760,069	-	-	-
Robeson	20	\$21,781,650	\$58,169,018	-	-	-
Rockingham	17	\$15,264,868	\$60,104,530	-	-	-
Rowan-Cabarrus	23	\$66,762,157	\$167,522,897	-	-	-
Sampson	14	\$16,606,673	\$40,908,742	1	7,245	\$1,502,654
Sandhills	30	\$49,527,501	\$113,221,749	4	98,261	\$6,416,302
South Piedmont	19	\$14,370,493	\$75,643,732	-	-	-
Southeastern	22	\$14,840,977	\$60,401,875	11	150,151	\$12,256,327
Southwestern	14	\$27,290,153	\$60,162,619	-	-	-
Stanly	15	\$12,860,020	\$49,984,869	-	-	-
Surry	25	\$31,760,796	\$91,744,559	-	-	-
Tri-County	22	\$10,464,907	\$32,471,446	1	864	\$94,612
Vance-Granville	22	\$31,600,629	\$88,225,832	-	-	-
Wake	43	\$309,103,719	\$468,994,084	-	-	-
Wayne	20	\$36,345,550	\$95,550,829	-	-	-
Western Piedmont	37	\$19,277,800	\$73,123,363	12	52,182	\$490,103
Wilkes	28	\$33,784,636	\$86,880,208	1	3,515	\$138,860
Wilson	17	\$12,503,905	\$45,674,823	-	-	-
<b>Subtotal</b>	<b>1,321</b>	<b>\$2,889,901,698</b>	<b>\$6,823,342,034</b>	<b>144</b>	<b>4,077,181</b>	<b>\$433,838,694</b>
<b>Grand Total</b>	<b>4,354</b>	<b>\$13,464,396,303</b>	<b>\$33,910,636,142</b>	<b>1,538</b>	<b>48,174,368</b>	<b>\$5,303,044,949</b>

This Page Intentionally Left Blank



### **Robert and Nannie Lou Dalrymple Veterinary Medical Technology Building Central Carolina Community College**

The Central Carolina Community College Veterinary Medical Technology program was the first of its kind in North Carolina, and now it has a new building to further that tradition. The facility, located at the Lee Main Campus in Sanford, NC, includes a large dog kennel area, large cat ward, associated workrooms, student study area, faculty offices, two large animal procedures labs, two classrooms, animal recovery area, and associated restrooms, storage rooms, and mechanical spaces. The new building ensures that veterinary medical technology students have ample and state of the art equipment to prepare for their future careers and that the community can continue to depend on having access to quality animal health care.

## **Accessibility of Facilities to the Mobility Impaired**

Accessible Area as a Percentage of Assignable .....	131
Accessible Area by Programs and Subprograms .....	135
Accessible Area by Room Code .....	149

This Page Intentionally Left Blank



**TABLE 24:**

**ACCESSIBLE AREA AS A  
PERCENTAGE OF ASSIGNABLE**

The Rehabilitation Act of 1973 focused national attention on the rights of disabled 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 are confined to wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all of their facilities barrier free, they do require that an institution's programs be made accessible to the disabled. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space that is accessible to the mobility impaired 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 in order 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., confined to a wheel-chair or other 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**

Institution	Total Assignable Sq.	Accessible Sq. Ft.	Percent Accessible				
	Ft.		2018	2017	2016	2015	2014
Public Institutions							
Research Universities I							
NC State	9,142,141	7,623,908	83.4	80.7	81.5	81.2	82.0
NC State Veterinary Med	448,514	419,006	93.4	88.8	88.3	88.4	89.2
UNC-Chapel Hill	7,372,784	7,334,719	99.5	99.7	100.0	99.7	99.7
UNC-Chapel Hill Hlth Aff.	2,673,117	2,657,598	99.4	99.5	100.0	99.7	99.4
Subtotal	19,636,556	18,035,231	91.8	90.5	91.1	90.8	91.3
Doctoral Universities I & II							
East Carolina	3,487,796	3,012,881	86.4	86.1	83.4	83.3	83.2
East Carolina Hlth Aff.	1,166,993	890,467	76.3	79.1	76.1	94.3	99.8
N.C. A&T	2,356,324	2,086,914	88.6	88.1	87.4	89.4	89.6
UNC Charlotte	3,992,984	3,900,000	97.7	95.9	97.4	96.2	93.0
UNC Greensboro	3,365,830	2,684,546	79.8	80.6	88.0	87.5	87.8
Subtotal	14,369,927	12,574,808	87.5	87.3	88.4	89.7	89.2
Master's (Comprehensive) Universities & Colleges I							
Appalachian	2,797,594	2,379,810	85.1	84.4	84.0	84.2	82.2
Fayetteville	919,527	777,065	84.5	84.2	84.3	84.3	84.3
NCCU	1,469,937	1,335,500	90.9	90.5	90.5	90.5	90.4
UNC Pembroke	1,044,982	950,629	91.0	91.0	90.9	90.8	89.4
UNC Wilmington	2,560,265	2,453,308	95.8	96.1	98.9	98.9	98.9
Western Carolina	2,104,341	1,588,517	75.5	75.4	75.3	74.3	74.3
Winston-Salem	1,301,539	1,138,746	87.5	87.1	87.1	87.1	86.5
Subtotal	12,198,185	10,623,575	87.1	86.9	87.1	87.0	86.3
Baccalaureate (Liberal Arts) Universities & Colleges I & II							
Elizabeth City	864,764	746,170	86.3	86.3	81.8	81.8	83.3
UNC Asheville	975,657	74,121	7.6	-	96.9	96.9	97.0
Subtotal	1,840,421	820,291	44.6	42.2	89.3	89.3	90.3
Schools of Art, Music, & Design							
UNC School of the Arts	820,449	740,147	90.2	90.1	90.1	90.1	86.2
Subtotal	820,449	740,147	90.2	90.1	90.1	90.1	86.2
Teaching Hospitals							
UNC Hospitals	1,358,302	1,194,182	87.9	87.9	87.9	87.9	87.9
Subtotal	1,358,302	1,194,182	87.9	87.9	87.9	87.9	87.9
Community Colleges							
Alamance	281,456	281,095	99.9	99.9	99.8	99.8	99.8
Asheville-Buncombe	630,948	613,612	97.3	97.4	97.5	96.9	96.9
Beaufort Co.	191,527	191,142	99.8	99.8	99.8	99.7	99.7
Bladen	105,082	103,457	98.5	98.5	98.5	98.5	98.5
Blue Ridge	345,200	345,200	100.0	100.0	100.0	100.0	100.0
Brunswick	249,217	247,787	99.4	96.9	96.9	96.8	96.9
Caldwell	365,502	362,819	99.3	99.3	99.3	99.3	99.2
Cape Fear	736,394	731,853	99.4	99.4	99.3	99.3	98.7
Carteret	177,153	167,838	94.7	94.5	94.5	94.4	94.4
Catawba Valley	455,002	454,267	99.8	99.8	99.8	99.8	99.8
Central Carolina	466,192	464,626	99.7	99.6	99.6	99.6	99.6
Central Piedmont	1,437,451	1,417,169	98.6	98.5	98.5	99.0	98.7
Cleveland	210,775	209,565	99.4	99.4	99.4	99.4	99.4
Coastal Carolina	237,741	236,777	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	268,203	268,203	100.0	100.0	100.0	100.0	100.0

**Table 24. Accessible Area as a Percentage of Assignable Area**

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2018	2017	2016	2015	2014
Craven	211,508	204,003	96.5	95.2	95.2	95.2	95.2
Davidson County	348,531	341,337	97.9	97.7	97.6	97.5	97.4
Durham	359,534	359,534	100.0	100.0	100.0	88.5	88.4
Edgecombe	202,273	194,364	96.1	96.1	96.1	95.3	95.3
Fayetteville	665,378	644,527	96.9	95.6	95.2	95.0	94.9
Forsyth	752,788	730,363	97.0	97.0	99.1	99.1	98.9
Gaston	482,854	456,909	94.6	94.6	94.4	94.5	94.6
Guilford	1,189,098	1,119,267	94.1	94.1	94.0	94.0	93.8
Halifax	184,830	184,307	99.7	99.7	99.7	99.7	99.7
Haywood	248,369	243,300	98.0	98.0	97.9	97.8	97.8
Isothermal	240,641	219,791	91.3	91.3	90.7	90.7	90.7
James Sprunt	134,076	130,339	97.2	97.1	97.1	96.9	95.4
Johnston	330,751	327,293	99.0	98.9	98.1	98.1	98.1
Lenoir	324,638	320,557	98.7	98.7	98.7	98.7	98.7
Martin	169,822	145,527	85.7	86.0	86.0	86.0	86.0
Mayland	181,618	177,706	97.8	97.9	97.9	96.8	96.6
McDowell	153,019	150,923	98.6	98.6	98.6	98.6	98.6
Mitchell	250,728	226,243	90.2	90.2	90.2	90.3	90.7
Montgomery	95,431	95,407	100.0	100.0	100.0	100.0	100.0
Nash	247,386	245,665	99.3	99.2	99.2	99.2	99.0
Pamlico	54,788	54,308	99.1	99.1	99.1	99.1	99.0
Piedmont	138,812	137,147	98.8	98.8	98.9	98.9	98.9
Pitt	448,104	447,730	99.9	99.9	99.9	99.9	99.9
Randolph	297,579	297,096	99.8	99.8	99.8	99.8	99.8
Richmond	182,734	171,678	93.9	93.7	93.7	93.6	93.5
Roanoke-Chowan	118,712	115,044	96.9	96.9	96.9	96.8	96.9
Robeson	205,845	205,821	100.0	100.0	100.0	100.0	100.0
Rockingham	229,491	214,573	93.5	93.5	93.5	92.8	92.8
Rowan-Cabarrus	382,310	382,154	100.0	100.0	100.0	100.0	100.0
Sampson	138,580	137,393	99.1	99.1	99.1	99.1	99.1
Sandhills	339,501	329,658	97.1	97.1	97.1	97.1	97.0
South Piedmont	327,972	287,290	87.6	87.6	87.6	87.6	87.6
Southeastern	182,202	180,549	99.1	99.1	99.1	99.1	99.1
Southwestern	205,273	201,679	98.2	96.8	96.8	96.8	96.8
Stanly	149,575	149,575	100.0	100.0	99.7	99.7	99.7
Surry	331,807	330,389	99.6	99.6	99.6	99.5	99.5
Tri-County	129,835	126,818	97.7	97.6	97.6	97.4	97.4
Vance-Granville	255,398	251,178	98.3	98.3	98.4	97.5	97.6
Wake	1,124,845	1,112,269	98.9	99.0	98.9	98.9	98.7
Wayne	324,353	322,143	99.3	99.3	99.3	99.3	99.2
Western Piedmont	299,590	256,885	85.7	85.5	85.2	85.2	85.2
Wilkes	340,360	333,127	97.9	97.9	97.9	98.6	98.4
Wilson	163,710	160,567	98.1	98.1	97.8	97.8	97.8
<b>Subtotal</b>	<b>19,302,492</b>	<b>18,817,843</b>	<b>97.5</b>	<b>97.3</b>	<b>97.3</b>	<b>97.1</b>	<b>97.0</b>
<b>NC Private Universities</b>							
Barton	-	-	-	93.8	93.7	93.7	93.7
Campbell	-	-	-	74.3	74.3	73.3	73.3
Mars Hill	-	-	-	61.5	61.5	58.6	58.6
Pfeiffer	-	-	-	52.4	53.1	53.1	52.7
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>70.9</b>	<b>70.9</b>	<b>69.8</b>	<b>69.7</b>
<b>Grand Total</b>	<b>69,526,332</b>	<b>62,806,077</b>	<b>90.3</b>	<b>89.2</b>	<b>90.7</b>	<b>90.8</b>	<b>90.6</b>

This Page Intentionally Left Blank

**TABLE 25:**

**ACCESSIBLE AREA**

**BY SUMMARY PROGRAMS AND SUBPROGRAMS**

The requirement that all colleges and 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 nonassignable 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 handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student 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 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**

	Accessible Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Un- assigned 00
<b>Public Institutions</b>										
<b>Research Universities I</b>										
NC State	7,623,908	93.5	81.0	73.0	97.1	78.8	85.7	87.0	94.2	49.0
NC State Veterinary Med	419,006	88.7	94.0	98.8	94.2	100.0	89.0	98.1	100.0	0.0
UNC-Chapel Hill	7,334,719	99.2	98.9	99.7	100.0	99.9	98.4	99.7	99.8	92.7
UNC-Chapel Hill Hlth Aff.	2,657,598	99.2	99.8	98.3	99.4	97.2	98.6	99.8	100.0	99.8
<b>Subtotal</b>	<b>18,035,231</b>	<b>96.5</b>	<b>89.1</b>	<b>85.9</b>	<b>98.7</b>	<b>90.3</b>	<b>92.2</b>	<b>95.1</b>	<b>97.1</b>	<b>73.5</b>
<b>Doctoral Universities I &amp; II</b>										
East Carolina	3,012,881	93.3	68.1	89.0	93.9	95.2	69.2	28.0	100.0	3.2
East Carolina Hlth Aff.	890,467	86.9	97.2	58.7	96.3	51.9	85.9	79.2	-	100.0
N.C. A&T	2,086,914	93.2	83.9	95.2	95.4	78.9	99.5	78.2	100.0	86.8
UNC Charlotte	3,900,000	99.4	99.3	100.0	99.3	96.6	96.1	94.9	-	95.2
UNC Greensboro	2,684,546	83.2	88.5	99.8	84.6	78.2	90.4	72.2	43.7	49.3
<b>Subtotal</b>	<b>12,574,808</b>	<b>92.3</b>	<b>90.7</b>	<b>65.3</b>	<b>93.9</b>	<b>88.8</b>	<b>88.5</b>	<b>64.0</b>	<b>83.8</b>	<b>41.7</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>										
Appalachian	2,379,810	91.2	69.5	32.7	100.0	82.6	79.6	88.9	100.0	100.0
Fayetteville	777,065	100.0	100.0	100.0	100.0	64.6	96.8	100.0	88.0	94.8
NCCU	1,335,500	90.2	98.0	96.5	95.1	91.5	79.7	76.0	99.4	92.7
UNC Pembroke	950,629	97.2	100.0	100.0	100.0	88.5	98.2	99.8	-	38.1
UNC Wilmington	2,453,308	99.4	99.0	99.3	99.8	97.6	96.6	100.0	67.1	73.8
Western Carolina	1,588,517	94.1	91.3	100.0	95.5	63.2	54.8	98.4	100.0	100.0
Winston-Salem	1,138,746	87.3	100.0	87.9	94.9	89.8	73.7	95.7	100.0	50.0
<b>Subtotal</b>	<b>10,623,575</b>	<b>93.6</b>	<b>96.2</b>	<b>55.3</b>	<b>97.9</b>	<b>83.4</b>	<b>80.4</b>	<b>95.1</b>	<b>85.4</b>	<b>81.0</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>										
Elizabeth City	746,170	86.5	100.0	100.0	99.0	89.0	80.1	100.0	-	64.1
UNC Asheville	74,121	5.0	-	-	-	12.3	-	-	-	0.4
<b>Subtotal</b>	<b>820,291</b>	<b>49.7</b>	<b>16.8</b>	<b>64.2</b>	<b>33.4</b>	<b>45.9</b>	<b>39.2</b>	<b>16.1</b>	<b>-</b>	<b>46.7</b>
<b>Schools of Art, Music, &amp; Design</b>										
UNC School of the Arts	740,147	93.1	-	100.0	93.6	84.2	88.1	96.6	100.0	92.0
<b>Subtotal</b>	<b>740,147</b>	<b>93.1</b>	<b>-</b>	<b>100.0</b>	<b>93.6</b>	<b>84.2</b>	<b>88.1</b>	<b>96.6</b>	<b>100.0</b>	<b>92.0</b>
<b>Teaching Hospitals</b>										
UNC Hospitals	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
<b>Subtotal</b>	<b>1,194,182</b>	<b>100.0</b>	<b>100.0</b>	<b>85.3</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>98.5</b>	<b>100.0</b>	<b>100.0</b>
<b>Community Colleges</b>										
Alamance	281,095	99.8	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Asheville-Buncombe	613,612	97.8	-	98.7	100.0	98.5	83.3	100.0	98.0	98.5
Beaufort Co.	191,142	99.9	-	100.0	100.0	99.4	99.1	100.0	100.0	-
Bladen	103,457	97.8	-	100.0	100.0	100.0	98.3	100.0	-	100.0
Blue Ridge	345,200	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Brunswick	247,787	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
Caldwell	362,819	99.9	-	100.0	100.0	95.4	96.5	100.0	100.0	-
Cape Fear	731,853	99.2	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0
Carteret	167,838	96.3	-	-	72.2	91.7	97.5	100.0	100.0	100.0
Catawba Valley	454,267	99.8	-	-	100.0	100.0	100.0	-	100.0	-
Central Carolina	464,626	99.6	-	100.0	98.5	100.0	100.0	100.0	100.0	-
Central Piedmont	1,417,169	99.8	-	98.0	99.3	99.7	96.5	73.8	100.0	97.3
Cleveland	209,565	100.0	-	100.0	100.0	100.0	93.8	100.0	-	-
Coastal Carolina	236,777	100.0	-	100.0	100.0	100.0	95.4	100.0	-	-
Coll. of Albemarle	268,203	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

	Accessible Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Un- assigned 00
Craven	204,003	99.2	-	100.0	68.5	100.0	97.3	82.6	99.6	-
Davidson County	341,337	98.7	-	54.4	99.6	100.0	100.0	100.0	91.4	100.0
Durham	359,534	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Edgecombe	194,364	95.3	-	100.0	98.1	100.0	100.0	100.0	76.2	100.0
Fayetteville	644,527	98.0	-	100.0	98.6	98.4	91.5	73.6	100.0	-
Forsyth	730,363	100.0	-	100.0	99.9	100.0	99.8	100.0	100.0	62.2
Gaston	456,909	94.0	100.0	-	100.0	98.7	85.2	80.2	100.0	100.0
Guilford	1,119,267	93.9	-	100.0	84.1	93.0	94.8	94.1	100.0	96.3
Halifax	184,307	100.0	-	98.8	100.0	100.0	99.1	98.4	100.0	100.0
Haywood	243,300	98.0	-	100.0	100.0	100.0	87.4	100.0	100.0	100.0
Isothermal	219,791	92.6	-	100.0	42.0	100.0	99.5	100.0	100.0	-
James Sprunt	130,339	97.3	-	100.0	100.0	100.0	100.0	66.7	-	100.0
Johnston	327,293	99.8	-	-	100.0	99.5	100.0	78.4	100.0	100.0
Lenoir	320,557	98.3	-	100.0	98.7	100.0	99.7	100.0	99.7	-
Martin	145,527	93.9	-	100.0	92.7	72.3	95.1	100.0	100.0	-
Mayland	177,706	99.9	-	16.8	100.0	100.0	88.5	75.8	100.0	100.0
McDowell	150,923	98.4	-	100.0	100.0	98.8	98.5	100.0	100.0	-
Mitchell	226,243	96.3	-	100.0	99.0	71.7	81.8	93.6	100.0	42.1
Montgomery	95,407	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	99.2
Nash	245,665	99.6	-	100.0	100.0	99.8	95.8	100.0	100.0	100.0
Pamlico	54,308	100.0	-	-	100.0	100.0	100.0	79.6	100.0	-
Piedmont	137,147	98.3	-	100.0	100.0	100.0	99.7	100.0	100.0	97.5
Pitt	447,730	100.0	100.0	-	98.8	100.0	99.6	100.0	100.0	100.0
Randolph	297,096	99.9	-	100.0	100.0	99.8	99.5	100.0	100.0	100.0
Richmond	171,678	94.3	-	99.8	100.0	58.5	97.3	74.1	100.0	100.0
Roanoke-Chowan	115,044	100.0	-	100.0	100.0	100.0	99.6	100.0	100.0	47.0
Robeson	205,821	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	214,573	91.1	-	-	99.0	99.4	99.9	100.0	100.0	-
Rowan-Cabarrus	382,154	100.0	-	100.0	100.0	100.0	99.7	100.0	100.0	100.0
Sampson	137,393	98.7	-	100.0	100.0	100.0	99.6	100.0	100.0	-
Sandhills	329,658	98.9	-	-	99.9	99.4	73.2	15.0	100.0	-
South Piedmont	287,290	100.0	-	100.0	100.0	100.0	98.3	99.7	100.0	59.6
Southeastern	180,549	99.9	-	100.0	100.0	98.2	100.0	100.0	100.0	82.3
Southwestern	201,679	97.4	-	100.0	100.0	100.0	99.0	100.0	100.0	-
Stanly	149,575	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Surry	330,389	100.0	-	100.0	100.0	100.0	91.7	100.0	100.0	-
Tri-County	126,818	98.7	-	100.0	91.2	100.0	94.7	100.0	-	-
Vance-Granville	251,178	99.3	-	100.0	100.0	99.8	84.8	100.0	100.0	99.2
Wake	1,112,269	99.6	-	48.5	100.0	100.0	93.4	91.8	100.0	100.0
Wayne	322,143	98.8	-	100.0	100.0	100.0	98.6	100.0	100.0	100.0
Western Piedmont	256,885	99.9	-	-	100.0	99.1	96.1	43.2	100.0	30.4
Wilkes	333,127	97.6	-	-	100.0	95.6	99.7	100.0	98.8	100.0
Wilson	160,567	98.8	-	100.0	97.3	100.0	94.3	100.0	-	-
<b>Subtotal</b>	<b>18,817,843</b>	<b>98.5</b>	<b>100.0</b>	<b>97.7</b>	<b>97.5</b>	<b>97.2</b>	<b>96.1</b>	<b>93.3</b>	<b>99.5</b>	<b>88.1</b>
<b>Grand Total</b>	<b>62,806,077</b>	<b>95.6</b>	<b>89.5</b>	<b>81.5</b>	<b>95.5</b>	<b>86.5</b>	<b>89.9</b>	<b>85.9</b>	<b>94.8</b>	<b>76.1</b>

Table 25a.

## Accessible Area by Instruction, Research, and Public Service Subprograms

	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	Personal Leisure Instruction 18
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	93.4	-	-	100.0	-	-	-	-
NC State Veterinary Med	88.7	-	-	-	-	-	-	-
UNC-Chapel Hill	99.2	-	-	99.9	99.8	-	-	-
UNC-Chapel Hill Hlth Aff.	99.2	-	100.0	99.9	100.0	-	-	-
<b>Subtotal</b>	<b>96.5</b>	<b>-</b>	<b>100.0</b>	<b>99.9</b>	<b>99.8</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Doctoral Universities I &amp; II</b>								
East Carolina	93.3	-	100.0	-	-	-	-	-
East Carolina Hlth Aff.	86.8	-	-	-	100.0	-	-	-
N.C. A&T	93.2	-	-	-	-	-	-	-
UNC Charlotte	99.4	-	-	100.0	-	-	-	-
UNC Greensboro	83.3	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>92.3</b>	<b>-</b>	<b>28.6</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>								
Appalachian	91.2	-	-	-	-	-	-	-
Fayetteville	100.0	-	-	100.0	-	-	-	-
NCCU	90.2	-	-	-	-	-	-	-
UNC Pembroke	97.2	-	-	-	-	-	-	-
UNC Wilmington	99.4	-	-	100.0	-	-	-	-
Western Carolina	94.1	-	-	100.0	-	-	-	100.0
Winston-Salem	87.2	-	100.0	-	-	-	-	-
<b>Subtotal</b>	<b>93.6</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>								
Elizabeth City	86.4	-	-	100.0	-	-	-	-
UNC Asheville	5.1	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>49.9</b>	<b>-</b>	<b>-</b>	<b>40.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Schools of Art, Music, &amp; Design</b>								
UNC School of the Arts	93.1	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>93.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	100.0	-	-	100.0	-	-	-	-
<b>Subtotal</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>								
Alamance	100.0	99.7	-	100.0	100.0	100.0	-	-
Asheville-Buncombe	98.8	97.8	99.1	100.0	90.6	-	-	100.0
Beaufort Co.	100.0	100.0	100.0	100.0	99.4	-	-	-
Bladen	100.0	95.8	-	100.0	100.0	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Brunswick	100.0	97.8	-	100.0	100.0	-	-	100.0
Caldwell	100.0	99.8	100.0	100.0	100.0	-	-	-
Cape Fear	100.0	99.9	100.0	100.0	66.0	-	-	-
Carteret	100.0	96.0	100.0	94.1	100.0	-	-	100.0
Catawba Valley	100.0	99.5	100.0	100.0	100.0	-	-	100.0
Central Carolina	100.0	100.0	100.0	100.0	96.9	-	-	100.0
Central Piedmont	99.7	99.8	99.7	99.6	99.7	-	-	-
Cleveland	100.0	100.0	-	100.0	100.0	-	100.0	100.0
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-



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

	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	Personal Leisure Instruction 18
Coll. of Albemarle	100.0	100.0	-	100.0	100.0	-	-	-
Craven	100.0	98.6	100.0	100.0	100.0	-	-	-
Davidson County	99.4	99.2	100.0	99.3	86.1	-	100.0	-
Durham	100.0	100.0	100.0	100.0	100.0	-	-	-
Edgecombe	100.0	94.4	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	97.2	-	100.0	100.0	-	100.0	100.0
Forsyth	99.9	100.0	100.0	100.0	100.0	-	100.0	100.0
Gaston	100.0	98.9	100.0	100.0	29.3	100.0	-	-
Guilford	100.0	92.5	100.0	98.5	95.1	-	-	100.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	-
Haywood	100.0	97.3	100.0	100.0	100.0	-	-	100.0
Isothermal	94.4	88.9	100.0	100.0	100.0	-	-	100.0
James Sprunt	100.0	95.8	100.0	100.0	100.0	-	-	-
Johnston	-	99.8	100.0	100.0	100.0	-	-	-
Lenoir	99.8	96.8	100.0	100.0	100.0	-	-	100.0
Martin	100.0	89.9	100.0	100.0	100.0	-	-	100.0
Mayland	100.0	99.9	100.0	100.0	100.0	-	-	-
McDowell	100.0	98.0	100.0	100.0	100.0	-	-	-
Mitchell	93.7	99.4	100.0	99.6	100.0	-	100.0	44.2
Montgomery	100.0	100.0	-	-	-	-	-	-
Nash	100.0	99.5	-	-	99.5	100.0	-	-
Pamlico	100.0	100.0	-	100.0	100.0	-	-	-
Piedmont	100.0	98.0	100.0	98.7	100.0	-	-	-
Pitt	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0
Randolph	100.0	99.9	-	100.0	100.0	-	-	-
Richmond	100.0	98.7	100.0	50.7	100.0	-	-	-
Roanoke-Chowan	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Robeson	100.0	100.0	-	100.0	100.0	-	-	-
Rockingham	87.9	96.6	-	-	68.8	-	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	-	-	-	-
Sampson	100.0	98.3	100.0	100.0	100.0	-	100.0	100.0
Sandhills	99.9	97.5	100.0	100.0	100.0	-	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-
Southeastern	99.5	100.0	100.0	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	83.1	-	-	100.0
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	-
Surry	100.0	100.0	100.0	100.0	100.0	-	-	-
Tri-County	100.0	99.8	100.0	100.0	76.1	-	100.0	100.0
Vance-Granville	97.9	100.0	100.0	100.0	100.0	100.0	-	100.0
Wake	100.0	99.3	100.0	98.9	100.0	-	-	100.0
Wayne	100.0	98.3	100.0	100.0	-	-	-	-
Western Piedmont	99.9	99.9	-	100.0	100.0	-	-	100.0
Wilkes	95.4	98.6	100.0	100.0	100.0	-	-	-
Wilson	100.0	98.2	100.0	100.0	100.0	-	-	-
<b>Subtotal</b>	<b>99.2</b>	<b>98.5</b>	<b>100.0</b>	<b>99.1</b>	<b>95.7</b>	<b>100.0</b>	<b>100.0</b>	<b>98.9</b>
<b>Grand Total</b>	<b>93.8</b>	<b>98.5</b>	<b>99.4</b>	<b>99.0</b>	<b>95.8</b>	<b>100.0</b>	<b>100.0</b>	<b>97.5</b>

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	65.3	86.2	-	-	88.9	61.2	100.0
NC State Veterinary Med	-	94.0	99.8	97.5	-	100.0	-
UNC-Chapel Hill	99.7	98.8	100.0	100.0	99.6	100.0	99.9
UNC-Chapel Hill Hlth Aff.	96.9	99.9	97.4	98.9	99.9	100.0	-
<b>Subtotal</b>	<b>69.2</b>	<b>92.8</b>	<b>98.2</b>	<b>98.6</b>	<b>90.7</b>	<b>62.0</b>	<b>99.9</b>
<b>Doctoral Universities I &amp; II</b>							
East Carolina	27.0	90.0	-	67.0	100.0	-	96.6
East Carolina Hlth Aff.	100.0	97.1	63.1	49.9	100.0	-	-
N.C. A&T	98.5	77.7	-	-	98.1	93.3	100.0
UNC Charlotte	100.0	98.9	-	-	100.0	-	-
UNC Greensboro	-	88.5	99.8	-	100.0	-	-
<b>Subtotal</b>	<b>86.8</b>	<b>91.8</b>	<b>64.0</b>	<b>50.1</b>	<b>99.8</b>	<b>93.3</b>	<b>98.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>							
Appalachian	100.0	60.5	100.0	-	20.5	-	-
Fayetteville	-	100.0	-	-	100.0	-	100.0
NCCU	99.0	96.4	-	-	100.0	-	94.7
UNC Pembroke	-	100.0	-	-	100.0	-	-
UNC Wilmington	98.9	100.0	100.0	100.0	99.2	-	-
Western Carolina	83.7	100.0	-	100.0	100.0	-	100.0
Winston-Salem	100.0	100.0	-	-	86.4	-	100.0
<b>Subtotal</b>	<b>97.6</b>	<b>93.3</b>	<b>100.0</b>	<b>100.0</b>	<b>45.1</b>	-	<b>95.4</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>							
Elizabeth City	-	100.0	-	-	100.0	-	100.0
UNC Asheville	-	-	-	-	-	-	-
<b>Subtotal</b>	-	<b>21.8</b>	-	-	<b>60.1</b>	-	<b>100.0</b>
<b>Schools of Art, Music, &amp; Design</b>							
UNC School of the Arts	-	-	-	-	100.0	-	-
<b>Subtotal</b>	-	-	-	-	<b>100.0</b>	-	-
<b>Teaching Hospitals</b>							
UNC Hospitals	-	100.0	79.7	89.1	-	-	-
<b>Subtotal</b>	-	<b>100.0</b>	<b>79.7</b>	<b>89.1</b>	-	-	-
<b>Community Colleges</b>							
Alamance	-	-	-	-	100.0	-	-
Asheville-Buncombe	-	-	100.0	-	100.0	97.5	-
Beaufort Co.	-	-	-	-	100.0	-	100.0
Bladen	-	-	-	-	100.0	-	-
Blue Ridge	-	-	-	-	100.0	-	-
Brunswick	100.0	-	-	-	100.0	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	100.0	-	100.0	-	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	100.0	100.0	-	-
Central Piedmont	-	-	-	-	-	-	98.0
Cleveland	-	-	-	-	100.0	-	-
Coastal Carolina	-	-	-	-	100.0	-	-

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
Coll. of Albemarle	-	-	-	-	100.0	-	-
Craven	-	-	-	-	100.0	-	100.0
Davidson County	-	-	-	-	54.4	-	-
Durham	-	-	-	100.0	100.0	-	-
Edgecombe	-	-	-	100.0	100.0	-	-
Fayetteville	-	-	-	-	100.0	-	-
Forsyth	-	-	-	-	100.0	-	100.0
Gaston	-	100.0	-	-	-	-	-
Guilford	-	-	-	-	100.0	-	-
Halifax	-	-	-	-	98.8	-	-
Haywood	-	-	-	-	100.0	-	-
Isothermal	-	-	-	-	100.0	-	100.0
James Sprunt	-	-	-	-	100.0	-	-
Johnston	-	-	-	-	-	-	-
Lenoir	-	-	-	-	100.0	-	-
Martin	-	-	-	-	100.0	-	-
Mayland	-	-	-	-	16.8	-	-
McDowell	-	-	-	-	100.0	-	-
Mitchell	-	-	-	-	100.0	-	-
Montgomery	-	-	-	-	100.0	-	-
Nash	-	-	-	-	100.0	-	-
Pamlico	-	-	-	-	-	-	-
Piedmont	-	-	-	-	100.0	-	-
Pitt	100.0	-	-	-	-	-	-
Randolph	-	-	-	-	100.0	-	-
Richmond	-	-	-	-	99.8	-	-
Roanoke-Chowan	-	-	-	-	100.0	-	-
Robeson	-	-	-	-	100.0	100.0	-
Rockingham	-	-	-	-	-	-	-
Rowan-Cabarrus	-	-	-	-	100.0	-	-
Sampson	-	-	-	-	100.0	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	100.0	-	-
Southeastern	-	-	-	-	100.0	-	100.0
Southwestern	-	-	-	-	100.0	-	-
Stanly	-	-	-	-	100.0	-	-
Surry	-	-	-	100.0	-	-	-
Tri-County	-	-	-	-	100.0	-	-
Vance-Granville	-	-	-	100.0	100.0	-	-
Wake	-	-	48.5	-	-	-	-
Wayne	-	-	-	-	100.0	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	-	-	-	-
Wilson	-	-	-	-	100.0	-	-
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>82.7</b>	<b>100.0</b>	<b>97.9</b>	<b>97.5</b>	<b>98.4</b>
<b>Grand Total</b>	<b>76.7</b>	<b>92.4</b>	<b>78.2</b>	<b>83.8</b>	<b>87.6</b>	<b>65.1</b>	<b>98.4</b>

**Table 25b. Accessible Area by Academic Support Subprograms**

	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
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	99.3	100.0	100.0	83.5	65.7	97.2	100.0	100.0
NC State Veterinary Med	100.0	-	100.0	-	100.0	98.5	-	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	99.9	100.0	99.8
UNC-Chapel Hill Hlth Aff.	99.9	100.0	98.6	100.0	99.7	98.9	100.0	100.0
<b>Subtotal</b>	<b>99.8</b>	<b>100.0</b>	<b>100.0</b>	<b>88.4</b>	<b>97.3</b>	<b>98.4</b>	<b>100.0</b>	<b>99.8</b>
<b>Doctoral Universities I &amp; II</b>								
East Carolina	95.4	100.0	100.0	8.9	100.0	89.4	-	-
East Carolina Hlth Aff.	99.5	-	100.0	-	100.0	98.1	-	-
N.C. A&T	100.0	100.0	100.0	100.0	95.2	87.3	-	-
UNC Charlotte	99.8	96.8	92.4	99.9	100.0	98.7	-	-
UNC Greensboro	85.0	99.6	31.3	89.9	97.7	84.8	-	100.0
<b>Subtotal</b>	<b>96.0</b>	<b>94.5</b>	<b>60.2</b>	<b>88.6</b>	<b>95.8</b>	<b>92.0</b>	<b>-</b>	<b>100.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>								
Appalachian	100.0	-	-	100.0	100.0	100.0	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	100.0	100.0	-	-
NCCU	99.3	100.0	100.0	100.0	59.1	93.4	-	100.0
UNC Pembroke	100.0	100.0	100.0	100.0	-	100.0	-	100.0
UNC Wilmington	99.8	100.0	100.0	99.8	100.0	99.8	100.0	100.0
Western Carolina	100.0	82.7	57.6	18.4	100.0	92.9	-	100.0
Winston-Salem	100.0	92.9	100.0	100.0	31.2	92.7	-	-
<b>Subtotal</b>	<b>99.9</b>	<b>92.6</b>	<b>94.2</b>	<b>95.6</b>	<b>86.0</b>	<b>97.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>								
Elizabeth City	100.0	100.0	-	100.0	87.5	100.0	-	-
UNC Asheville	-	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>35.8</b>	<b>13.0</b>	<b>-</b>	<b>24.9</b>	<b>39.5</b>	<b>47.7</b>	<b>-</b>	<b>-</b>
<b>Schools of Art, Music, &amp; Design</b>								
UNC School of the Arts	100.0	100.0	100.0	42.2	100.0	65.6	-	-
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>42.2</b>	<b>100.0</b>	<b>65.6</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	-	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>								
Alamance	100.0	100.0	-	-	100.0	100.0	-	-
Asheville-Buncombe	100.0	-	100.0	100.0	100.0	100.0	-	-
Beaufort Co.	100.0	-	-	-	-	100.0	-	-
Bladen	100.0	-	-	-	-	100.0	-	-
Blue Ridge	100.0	100.0	100.0	-	-	100.0	-	100.0
Brunswick	100.0	-	100.0	100.0	-	100.0	-	-
Caldwell	100.0	-	100.0	-	-	100.0	-	-
Cape Fear	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
Carteret	100.0	-	-	-	-	80.1	-	-
Catawba Valley	100.0	100.0	100.0	100.0	-	100.0	-	-
Central Carolina	98.2	-	100.0	-	100.0	100.0	-	-
Central Piedmont	99.8	100.0	89.7	100.0	-	99.7	99.7	100.0
Cleveland	100.0	-	100.0	100.0	-	100.0	-	-
Coastal Carolina	100.0	-	100.0	100.0	-	100.0	-	-

**Table 25b. Accessible Area by Academic Support Subprograms**

	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
Coll. of Albemarle	100.0	100.0	-	-	-	100.0	-	-
Craven	56.7	-	-	100.0	-	100.0	-	-
Davidson County	100.0	-	100.0	-	100.0	97.3	-	-
Durham	100.0	-	100.0	100.0	-	100.0	100.0	100.0
Edgecombe	97.3	-	100.0	100.0	-	100.0	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	93.4	99.8	-	-
Forsyth	99.8	100.0	100.0	100.0	-	100.0	100.0	100.0
Gaston	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Guilford	99.8	-	-	-	47.9	97.1	-	-
Halifax	100.0	-	-	-	100.0	100.0	-	-
Haywood	100.0	100.0	-	-	-	100.0	-	-
Isothermal	5.5	-	-	-	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Johnston	100.0	100.0	100.0	-	100.0	100.0	-	-
Lenoir	98.2	100.0	100.0	100.0	-	100.0	-	-
Martin	95.5	-	-	-	-	84.1	-	-
Mayland	100.0	-	100.0	-	-	100.0	-	-
McDowell	100.0	100.0	-	-	100.0	100.0	-	-
Mitchell	99.6	100.0	100.0	100.0	-	97.6	-	-
Montgomery	100.0	-	-	100.0	-	100.0	-	-
Nash	100.0	100.0	100.0	-	100.0	100.0	-	-
Pamlico	100.0	-	100.0	100.0	-	100.0	-	-
Piedmont	100.0	-	100.0	100.0	100.0	100.0	-	-
Pitt	100.0	-	100.0	-	100.0	98.1	-	100.0
Randolph	100.0	-	100.0	100.0	-	100.0	-	-
Richmond	100.0	-	100.0	100.0	-	100.0	-	-
Roanoke-Chowan	100.0	-	-	-	-	100.0	-	-
Robeson	100.0	-	100.0	100.0	-	100.0	-	-
Rockingham	100.0	100.0	-	-	-	96.7	-	-
Rowan-Cabarrus	100.0	-	100.0	100.0	100.0	100.0	100.0	-
Sampson	100.0	-	-	100.0	-	100.0	-	-
Sandhills	99.8	100.0	100.0	-	100.0	100.0	-	-
South Piedmont	100.0	-	100.0	-	-	100.0	-	-
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Southwestern	100.0	-	100.0	100.0	100.0	100.0	-	-
Stanly	100.0	-	100.0	100.0	-	100.0	-	-
Surry	100.0	-	100.0	-	-	100.0	-	-
Tri-County	82.3	-	-	100.0	100.0	100.0	-	-
Vance-Granville	100.0	-	-	-	100.0	100.0	-	-
Wake	100.0	-	100.0	-	100.0	100.0	-	-
Wayne	100.0	-	100.0	100.0	100.0	100.0	100.0	-
Western Piedmont	100.0	-	100.0	100.0	-	100.0	-	-
Wilkes	100.0	-	100.0	-	100.0	100.0	-	-
Wilson	99.3	-	-	-	-	100.0	-	-
<b>Subtotal</b>	<b>97.8</b>	<b>100.0</b>	<b>99.1</b>	<b>99.7</b>	<b>87.9</b>	<b>99.3</b>	<b>99.8</b>	<b>100.0</b>
<b>Grand Total</b>	<b>96.5</b>	<b>94.3</b>	<b>89.8</b>	<b>86.9</b>	<b>90.7</b>	<b>96.0</b>	<b>99.9</b>	<b>98.4</b>

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

	Student Svc Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter- coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	99.5	92.6	99.2	100.0	71.9	99.0	98.2	100.0	98.9	100.0	87.3	69.7
NC State Veterinary Med	-	-	-	-	100.0	-	-	-	99.4	100.0	92.2	100.0
UNC-Chapel Hill	99.9	99.9	100.0	98.8	99.9	100.0	99.9	96.9	100.0	99.9	99.9	99.9
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	-	99.9	-	-	-	100.0	99.6	100.0	100.0
<b>Subtotal</b>	<b>99.8</b>	<b>96.6</b>	<b>99.6</b>	<b>98.4</b>	<b>86.8</b>	<b>99.6</b>	<b>99.0</b>	<b>97.8</b>	<b>99.5</b>	<b>99.9</b>	<b>96.3</b>	<b>84.5</b>
<b>Doctoral Universities I &amp; II</b>												
East Carolina	94.0	86.6	70.5	100.0	99.4	85.8	91.6	57.7	9.4	90.1	-	70.6
East Carolina Hlth Aff.	-	-	-	-	51.9	-	-	-	100.0	77.4	100.0	-
N.C. A&T	77.8	92.5	100.0	100.0	78.9	69.0	31.0	100.0	87.7	70.2	8.1	100.0
UNC Charlotte	99.5	97.4	99.0	100.0	96.5	96.9	89.8	99.8	100.0	87.7	16.9	65.6
UNC Greensboro	96.3	61.4	100.0	-	83.9	16.6	99.1	100.0	95.3	74.0	54.0	56.4
<b>Subtotal</b>	<b>94.6</b>	<b>85.3</b>	<b>95.2</b>	<b>100.0</b>	<b>91.1</b>	<b>70.7</b>	<b>79.3</b>	<b>86.0</b>	<b>62.4</b>	<b>86.7</b>	<b>66.4</b>	<b>54.1</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>												
Appalachian	100.0	99.4	100.0	97.0	73.9	100.0	100.0	97.3	81.8	-	100.0	-
Fayetteville	100.0	43.7	100.0	100.0	63.5	98.2	100.0	100.0	100.0	100.0	100.0	100.0
NCCU	100.0	94.0	86.1	100.0	92.1	80.7	82.4	53.6	82.5	100.0	100.0	100.0
UNC Pembroke	100.0	82.2	100.0	100.0	88.6	100.0	80.5	100.0	100.0	98.7	100.0	100.0
UNC Wilmington	99.3	100.0	100.0	100.0	96.9	100.0	98.1	100.0	100.0	100.0	100.0	100.0
Western Carolina	100.0	98.6	100.0	100.0	50.5	94.4	100.0	100.0	88.8	100.0	100.0	100.0
Winston-Salem	75.7	100.0	100.0	100.0	87.8	99.0	65.4	93.2	98.8	96.5	100.0	100.0
<b>Subtotal</b>	<b>92.9</b>	<b>94.6</b>	<b>96.8</b>	<b>99.0</b>	<b>79.1</b>	<b>97.2</b>	<b>90.8</b>	<b>97.2</b>	<b>88.5</b>	<b>98.6</b>	<b>100.0</b>	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>												
Elizabeth City	100.0	100.0	100.0	100.0	86.8	95.1	100.0	100.0	100.0	-	100.0	-
UNC Asheville	-	-	-	-	17.9	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>81.8</b>	<b>35.7</b>	<b>63.5</b>	<b>42.8</b>	<b>51.0</b>	<b>17.5</b>	<b>31.6</b>	<b>91.8</b>	<b>13.9</b>	<b>-</b>	<b>2.8</b>	<b>-</b>
<b>Schools of Art, Music, &amp; Design</b>												
UNC School of the Arts	100.0	92.0	100.0	100.0	81.9	-	44.6	82.5	100.0	100.0	-	100.0
<b>Subtotal</b>	<b>100.0</b>	<b>92.0</b>	<b>100.0</b>	<b>100.0</b>	<b>81.9</b>	<b>-</b>	<b>44.6</b>	<b>82.5</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	-	-	-	-	-	-	-	-	100.0	94.3	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>94.3</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>												
Alamance	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Buncombe	100.0	99.0	86.4	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Beaufort Co.	100.0	100.0	100.0	90.0	100.0	-	-	-	100.0	-	-	-
Bladen	100.0	100.0	-	100.0	100.0	-	-	-	100.0	100.0	100.0	100.0
Blue Ridge	100.0	100.0	100.0	-	100.0	-	-	100.0	100.0	100.0	-	100.0
Brunswick	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	100.0
Caldwell	100.0	92.9	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Cape Fear	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Carteret	100.0	90.3	100.0	100.0	80.5	-	-	100.0	100.0	100.0	-	-
Catawba Valley	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-
Central Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Central Piedmont	100.0	99.9	99.9	99.7	98.9	-	-	100.0	69.8	97.0	-	68.5
Cleveland	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0	-

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

	Student Svcs Admin	Social & Cultural Dev.	Couns / Career Guid.	Finan. Aid Admin.	Student Aux. Svcs	Inter- coll Athl.	Student Hlth/Med Svc.	Phys. Plant Admin.	Bldg. Maint.	Cust'l Svcs.	Utilities	Landscp Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Coll. of Albemarle	100.0	100.0	-	100.0	100.0	-	-	-	100.0	-	100.0	-
Craven	100.0	100.0	100.0	-	100.0	-	-	-	75.4	100.0	-	-
Davidson County	100.0	100.0	100.0	-	100.0	-	-	100.0	100.0	100.0	100.0	-
Durham	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	100.0
Edgecombe	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Fayetteville	100.0	93.2	100.0	100.0	100.0	-	-	100.0	49.8	100.0	100.0	100.0
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0
Gaston	100.0	97.5	100.0	100.0	99.2	-	100.0	-	72.1	100.0	100.0	76.4
Guilford	100.0	97.7	100.0	100.0	87.7	100.0	-	100.0	93.3	100.0	47.3	100.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	-	-	-
Haywood	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Isothermal	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
James Sprunt	100.0	100.0	100.0	100.0	100.0	-	-	-	65.3	100.0	-	-
Johnston	100.0	100.0	100.0	100.0	99.1	-	-	100.0	100.0	100.0	-	11.0
Lenoir	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	100.0
Martin	100.0	68.6	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Mayland	-	100.0	100.0	100.0	100.0	-	-	-	74.1	100.0	100.0	-
McDowell	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell	100.0	68.4	87.2	100.0	62.8	-	-	-	100.0	100.0	-	-
Montgomery	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Nash	98.5	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico	100.0	100.0	100.0	100.0	100.0	-	-	-	76.9	100.0	-	-
Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	100.0
Pitt	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Randolph	100.0	100.0	100.0	100.0	99.7	-	-	100.0	100.0	100.0	-	-
Richmond	100.0	20.9	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
Roanoke-Chowan	-	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	100.0
Robeson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Rockingham	100.0	98.7	100.0	100.0	99.4	-	-	100.0	100.0	100.0	-	100.0
Rowan-Cabarrus	100.0	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Sampson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Sandhills	100.0	98.5	100.0	100.0	100.0	-	-	-	-	100.0	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	100.0	99.7	100.0	100.0	-
Southeastern	100.0	96.1	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-
Tri-County	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	100.0	-
Vance-Granville	100.0	-	100.0	100.0	100.0	89.5	-	100.0	100.0	-	100.0	-
Wake	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	90.1	-	100.0	-
Wayne	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0	-
Western Piedmont	98.5	100.0	100.0	100.0	98.8	100.0	-	100.0	57.5	100.0	100.0	-
Wilkes	100.0	94.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Wilson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
<b>Subtotal</b>	<b>99.9</b>	<b>94.2</b>	<b>99.5</b>	<b>99.8</b>	<b>98.4</b>	<b>99.8</b>	<b>100.0</b>	<b>99.6</b>	<b>93.0</b>	<b>99.1</b>	<b>90.8</b>	<b>83.6</b>
<b>Grand Total</b>	<b>97.0</b>	<b>89.7</b>	<b>97.9</b>	<b>97.7</b>	<b>84.7</b>	<b>90.2</b>	<b>86.6</b>	<b>96.1</b>	<b>84.7</b>	<b>95.2</b>	<b>79.7</b>	<b>80.9</b>

Table 25d.

## Accessible Area by Institutional Administration, Independent Operations and Unassigned Subprograms

	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Ind. Operations Inst. 91	Ext. Agency 92	Unassigned Usable 01	Unusable 02
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	100.0	98.2	98.8	59.6	61.7	96.9	100.0	-	78.4	94.6	78.9	25.3
NC State Veterinary Med	-	100.0	100.0	31.6	100.0	-	-	-	-	100.0	-	-
UNC-Chapel Hill	99.9	100.0	99.9	100.0	100.0	89.8	99.9	100.0	100.0	99.6	89.2	97.2
UNC-Chapel Hill Hlth Aff.	85.3	99.8	98.5	99.9	99.6	100.0	100.0	100.0	100.0	100.0	99.6	100.0
<b>Subtotal</b>	<b>99.5</b>	<b>99.6</b>	<b>99.3</b>	<b>81.0</b>	<b>70.6</b>	<b>93.4</b>	<b>99.9</b>	<b>100.0</b>	<b>98.8</b>	<b>96.6</b>	<b>84.3</b>	<b>63.4</b>
<b>Doctoral Universities I &amp; II</b>												
East Carolina	91.5	30.8	81.7	96.3	98.1	88.3	60.3	77.5	-	100.0	100.0	1.6
East Carolina Hlth Aff.	100.0	75.0	90.2	100.0	-	100.0	-	100.0	-	-	100.0	-
N.C. A&T	100.0	100.0	99.9	94.3	100.0	100.0	100.0	100.0	100.0	100.0	65.7	97.2
UNC Charlotte	96.4	74.6	97.4	98.9	100.0	100.0	99.9	100.0	-	-	96.0	95.0
UNC Greensboro	99.8	100.0	95.8	93.9	45.2	96.0	97.3	100.0	58.9	42.3	26.9	51.0
<b>Subtotal</b>	<b>95.0</b>	<b>52.7</b>	<b>95.9</b>	<b>96.0</b>	<b>78.1</b>	<b>97.3</b>	<b>91.1</b>	<b>94.9</b>	<b>90.8</b>	<b>83.0</b>	<b>73.3</b>	<b>39.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>												
Appalachian	100.0	90.8	73.4	100.0	91.9	81.3	85.4	17.0	100.0	100.0	100.0	100.0
Fayetteville	98.0	100.0	100.0	78.4	98.4	69.4	100.0	100.0	45.5	100.0	86.5	100.0
NCCU	100.0	100.0	63.9	97.2	92.5	100.0	29.5	100.0	100.0	99.4	85.4	93.7
UNC Pembroke	97.4	94.3	100.0	-	100.0	95.0	100.0	100.0	-	-	38.1	-
UNC Wilmington	86.2	100.0	96.5	99.6	100.0	98.1	100.0	100.0	36.0	77.1	-	74.3
Western Carolina	78.1	100.0	100.0	98.8	7.2	80.4	100.0	100.0	100.0	100.0	100.0	100.0
Winston-Salem	90.4	69.9	78.2	97.5	50.8	60.3	100.0	100.0	100.0	100.0	7.8	67.7
<b>Subtotal</b>	<b>92.5</b>	<b>91.8</b>	<b>85.1</b>	<b>97.6</b>	<b>45.5</b>	<b>84.0</b>	<b>87.3</b>	<b>79.9</b>	<b>71.9</b>	<b>90.3</b>	<b>60.3</b>	<b>86.3</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>												
Elizabeth City	100.0	100.0	98.8	100.0	16.9	100.0	100.0	100.0	-	-	65.8	55.9
UNC Asheville	-	-	-	-	-	-	-	-	-	-	36.0	-
<b>Subtotal</b>	<b>33.9</b>	<b>46.6</b>	<b>59.8</b>	<b>97.2</b>	<b>9.3</b>	<b>21.6</b>	<b>23.5</b>	<b>47.5</b>	<b>-</b>	<b>-</b>	<b>65.6</b>	<b>17.8</b>
<b>Schools of Art, Music, &amp; Design</b>												
UNC School of the Arts	72.7	100.0	93.7	100.0	100.0	35.8	100.0	100.0	100.0	-	84.6	100.0
<b>Subtotal</b>	<b>72.7</b>	<b>100.0</b>	<b>93.7</b>	<b>100.0</b>	<b>100.0</b>	<b>35.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>84.6</b>	<b>100.0</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Community Colleges</b>												
Alamance	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Asheville-Buncombe	46.0	100.0	81.7	100.0	79.7	-	100.0	100.0	-	98.0	98.2	99.2
Beaufort Co.	100.0	100.0	100.0	100.0	100.0	100.0	87.3	90.2	-	100.0	-	-
Bladen	97.2	100.0	97.4	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Blue Ridge	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	100.0
Brunswick	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Caldwell	100.0	100.0	85.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Cape Fear	100.0	100.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Carteret	92.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Catawba Valley	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Central Carolina	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-
Central Piedmont	98.1	84.4	96.9	97.5	-	98.9	99.8	100.0	100.0	100.0	-	97.3
Cleveland	99.2	100.0	81.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Coastal Carolina	100.0	100.0	93.9	100.0	100.0	100.0	-	100.0	-	-	-	-



Table 25d.

## Accessible Area by Institutional Administration, Independent Operations and Unassigned Subprograms

	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Ind. Operations		Unassigned	
									Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Coll. of Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Craven	100.0	100.0	90.3	100.0	-	100.0	100.0	100.0	-	99.6	-	-
Davidson County	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	91.4	100.0	-
Durham	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Edgecombe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.2	100.0	-
Fayetteville	100.0	99.5	78.9	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Forsyth	100.0	100.0	100.0	98.2	100.0	100.0	100.0	100.0	-	100.0	-	62.2
Gaston	42.6	100.0	76.9	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Guilford	100.0	94.5	98.2	82.8	65.4	100.0	94.2	100.0	-	100.0	95.3	99.0
Halifax	98.3	100.0	99.2	100.0	91.5	100.0	100.0	100.0	-	100.0	100.0	-
Haywood	100.0	100.0	65.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0
Isothermal	99.1	100.0	100.0	96.3	100.0	-	100.0	100.0	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	100.0	-
Johnston	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0
Lenoir	100.0	100.0	98.2	100.0	100.0	100.0	100.0	100.0	100.0	99.7	-	-
Martin	83.0	94.4	100.0	100.0	87.9	100.0	100.0	-	-	100.0	-	-
Mayland	100.0	100.0	61.8	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
McDowell	94.8	98.0	98.7	100.0	97.4	100.0	-	100.0	-	100.0	-	-
Mitchell	85.4	100.0	53.9	100.0	50.5	-	100.0	-	-	100.0	100.0	36.8
Montgomery	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	99.2
Nash	100.0	100.0	84.9	100.0	98.3	100.0	73.1	100.0	100.0	-	-	100.0
Pamlico	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Piedmont	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	97.5
Pitt	98.3	97.9	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Randolph	100.0	100.0	99.4	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0
Richmond	100.0	100.0	100.0	100.0	100.0	100.0	100.0	56.5	-	100.0	-	-
Roanoke-Chowan	98.1	100.0	100.0	100.0	-	-	100.0	100.0	-	100.0	-	47.0
Robeson	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0
Rockingham	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Rowan-Cabarrus	100.0	-	100.0	98.3	100.0	-	100.0	100.0	-	100.0	-	100.0
Sampson	98.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Sandhills	100.0	100.0	100.0	100.0	32.3	74.9	88.8	94.3	-	100.0	-	-
South Piedmont	100.0	100.0	94.9	100.0	100.0	100.0	100.0	100.0	-	100.0	-	59.6
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	79.8	100.0
Southwestern	100.0	95.4	98.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Stanly	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0	100.0	-
Surry	100.0	98.3	100.0	66.9	80.7	100.0	-	-	-	100.0	-	-
Tri-County	100.0	100.0	92.5	100.0	-	-	100.0	100.0	-	-	-	-
Vance-Granville	100.0	100.0	69.4	100.0	100.0	100.0	100.0	100.0	-	100.0	99.2	-
Wake	100.0	100.0	82.4	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Wayne	98.2	100.0	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Western Piedmont	100.0	100.0	80.6	100.0	100.0	100.0	100.0	100.0	-	100.0	-	30.4
Wilkes	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.7	100.0	-	100.0
Wilson	100.0	100.0	82.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
<b>Subtotal</b>	<b>97.2</b>	<b>98.3</b>	<b>93.9</b>	<b>98.2</b>	<b>93.0</b>	<b>97.1</b>	<b>99.5</b>	<b>99.2</b>	<b>99.9</b>	<b>99.4</b>	<b>96.1</b>	<b>84.6</b>
<b>Grand Total</b>	<b>93.8</b>	<b>84.8</b>	<b>94.0</b>	<b>92.0</b>	<b>68.7</b>	<b>90.0</b>	<b>94.1</b>	<b>92.3</b>	<b>95.1</b>	<b>94.7</b>	<b>83.4</b>	<b>73.1</b>

This Page Intentionally Left Blank

**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 mobility-impaired persons. 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.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply ensure that courses taken by mobility impaired students be scheduled in rooms that are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on pp. 94-95 lists all of the room codes that comprise the summary codes used in this table.

**Table 26. Accessible Area by Room Codes**

Institution	Total Accessible Area	Classroom Facilities		Laboratory Facilities		Office Facilities		Study Facilities	
		100		200		300		400	
		ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions									
Research Universities I									
NC State	7,623,908	259,842	99.7	1,547,644	96.6	1,882,673	97.2	359,140	97.7
NC State Veterinary Med	419,006	7,596	97.9	96,117	95.5	93,718	98.9	11,130	100.0
UNC-Chapel Hill	7,334,719	270,606	99.9	605,238	99.0	1,636,447	98.8	633,809	100.0
UNC-Chapel Hill Hlth Aff.	2,657,598	82,959	99.9	839,360	99.9	1,109,410	99.1	74,278	100.0
Subtotal	18,035,231	621,003	99.8	3,088,359	97.9	4,722,248	98.2	1,078,357	99.2
Doctoral Universities I & II									
East Carolina	3,012,881	167,125	94.5	345,516	93.2	698,177	87.3	194,658	97.9
East Carolina Hlth Aff.	890,467	42,110	96.5	184,750	95.3	356,070	77.9	67,364	89.1
N.C. A&T	2,086,914	132,831	92.5	328,094	90.4	421,263	90.4	135,628	98.4
UNC Charlotte	3,900,000	249,961	99.9	531,222	99.6	874,712	98.6	240,758	100.0
UNC Greensboro	2,684,546	147,149	95.8	294,221	83.9	503,296	84.8	111,930	81.4
Subtotal	12,574,808	739,176	96.3	1,683,803	92.9	2,853,518	89.1	750,338	94.9
Master's (Comprehensive) Universities & Colleges I									
Appalachian	2,379,810	184,671	93.0	250,797	87.7	529,296	90.7	95,602	95.9
Fayetteville	777,065	55,260	99.9	61,079	100.0	178,397	89.0	66,906	98.1
NCCU	1,335,500	108,896	86.7	132,249	90.5	282,247	90.6	99,228	95.5
UNC Pembroke	950,629	87,672	98.7	59,121	100.0	182,898	95.3	41,295	99.8
UNC Wilmington	2,453,308	127,974	98.3	224,349	99.4	435,623	99.0	127,065	99.9
Western Carolina	1,588,517	93,628	94.4	186,167	97.0	319,926	96.9	130,251	99.9
Winston-Salem	1,138,746	56,253	82.6	73,566	88.4	200,113	86.3	55,810	97.5
Subtotal	10,623,575	714,354	93.3	987,328	93.8	2,128,500	93.0	616,157	98.1
Baccalaureate (Liberal Arts) Universities & Colleges I & II									
Elizabeth City	746,170	59,675	84.5	54,791	82.0	107,432	91.4	35,571	92.0
UNC Asheville	74,121	-	-	10,084	9.3	1,048	0.7	-	-
Subtotal	820,291	59,675	51.7	64,875	36.9	108,480	39.3	35,571	33.6
Schools of Art, Music, & Design									
UNC School of the Arts	740,147	17,530	57.9	194,611	96.1	89,527	86.2	46,744	100.0
Subtotal	740,147	17,530	57.9	194,611	96.1	89,527	86.2	46,744	100.0
Teaching Hospitals									
UNC Hospitals	1,194,182	9,926	100.0	10,829	100.0	334,517	90.0	2,897	89.3
Subtotal	1,194,182	9,926	100.0	10,829	100.0	334,517	90.0	2,897	89.3
Community Colleges									
Alamance	281,095	75,779	100.0	112,732	99.8	49,022	99.6	10,937	100.0
Asheville-Buncombe	613,612	98,389	98.1	209,843	97.7	135,539	94.7	16,788	100.0
Beaufort Co.	191,142	44,774	100.0	56,546	99.8	36,499	99.3	9,907	100.0
Bladen	103,457	19,814	100.0	29,552	95.5	23,630	99.0	8,707	100.0
Blue Ridge	345,200	98,829	100.0	102,142	100.0	50,135	100.0	18,234	100.0
Brunswick	247,787	62,477	98.9	27,211	97.4	41,137	100.0	7,303	100.0
Caldwell	362,819	95,214	100.0	99,791	99.6	64,188	100.0	20,575	100.0
Cape Fear	731,853	145,242	100.0	248,752	98.4	159,229	99.7	33,048	100.0
Carteret	167,838	39,796	96.0	59,239	99.6	33,524	95.8	6,047	100.0
Catawba Valley	454,267	131,829	100.0	141,075	99.5	78,254	100.0	23,222	100.0
Central Carolina	464,626	128,180	100.0	150,034	100.0	81,733	98.3	19,184	99.3
Central Piedmont	1,417,169	378,409	99.9	356,812	99.8	301,386	98.4	61,890	99.8
Cleveland	209,565	45,771	100.0	66,529	100.0	43,116	99.9	15,924	100.0
Coastal Carolina	236,777	76,930	100.0	72,420	100.0	45,462	97.9	15,403	100.0
Coll. of Albemarle	268,203	48,039	100.0	68,680	100.0	39,770	100.0	3,605	100.0

**Table 26. Accessible Area by Room Codes**

Institution	Total Accessible Area	Classroom Facilities		Laboratory Facilities		Office Facilities		Study Facilities	
		100		200		300		400	
		ASF	%	ASF	%	ASF	%	ASF	%
Craven	204,003	53,147	100.0	70,127	98.4	48,073	99.7	10,664	65.6
Davidson County	341,337	84,607	98.6	81,037	94.1	84,254	98.9	18,854	100.0
Durham	359,534	91,582	100.0	99,568	100.0	84,630	100.0	18,276	100.0
Edgecombe	194,364	39,255	98.5	60,172	91.9	34,377	99.5	12,134	97.7
Fayetteville	644,527	169,167	95.6	209,340	99.7	130,472	98.3	31,299	100.0
Forsyth	730,363	147,351	100.0	252,989	100.0	151,693	99.7	23,489	100.0
Gaston	456,909	112,726	100.0	129,201	86.4	108,919	98.1	24,451	100.0
Guilford	1,119,267	208,745	94.7	315,854	94.3	157,908	94.2	38,549	93.6
Halifax	184,307	32,570	100.0	43,049	100.0	34,307	99.8	11,164	100.0
Haywood	243,300	20,380	89.2	100,104	100.0	40,243	98.7	10,213	100.0
Isothermal	219,791	45,573	93.1	57,915	87.9	38,697	98.1	1,243	12.5
James Sprunt	130,339	31,510	100.0	35,168	94.6	33,626	98.0	10,267	100.0
Johnston	327,293	62,116	99.8	76,867	99.8	67,140	99.8	16,049	100.0
Lenoir	320,557	76,393	100.0	84,362	95.9	53,928	99.2	17,606	100.0
Martin	145,527	21,847	100.0	34,270	93.0	17,838	93.5	13,700	96.7
Mayland	177,706	31,444	100.0	30,568	94.6	22,887	100.0	10,470	100.0
McDowell	150,923	34,803	96.5	51,464	99.0	26,838	98.9	6,844	100.0
Mitchell	226,243	64,930	98.6	51,917	99.5	49,007	91.4	15,216	100.0
Montgomery	95,407	15,001	100.0	31,798	100.0	15,294	100.0	8,388	100.0
Nash	245,665	67,319	100.0	63,991	99.9	35,067	97.8	11,522	100.0
Pamlico	54,308	10,303	100.0	14,810	100.0	10,921	100.0	5,400	100.0
Piedmont	137,147	35,754	99.5	35,466	99.9	27,067	99.4	7,732	86.9
Pitt	447,730	92,399	100.0	156,921	100.0	103,167	99.6	16,348	100.0
Randolph	297,096	67,702	99.7	93,714	100.0	43,347	99.3	8,339	100.0
Richmond	171,678	42,504	93.7	44,148	95.7	31,121	94.6	10,683	98.8
Roanoke-Chowan	115,044	17,340	100.0	38,698	100.0	16,337	99.8	9,128	100.0
Robeson	205,821	38,306	100.0	58,122	100.0	48,336	100.0	8,619	100.0
Rockingham	214,573	33,335	95.7	69,336	96.2	41,202	98.9	10,954	100.0
Rowan-Cabarrus	382,154	114,864	100.0	87,656	100.0	87,914	99.8	21,572	100.0
Sampson	137,393	33,212	100.0	35,551	100.0	28,412	99.8	13,076	100.0
Sandhills	329,658	102,827	100.0	72,613	98.4	59,072	99.4	17,484	100.0
South Piedmont	287,290	47,507	100.0	55,389	100.0	54,884	100.0	10,076	100.0
Southeastern	180,549	46,385	100.0	44,783	99.7	40,885	98.3	13,929	100.0
Southwestern	201,679	41,461	100.0	51,114	93.8	39,921	99.8	11,758	100.0
Stanly	149,575	39,322	100.0	34,454	100.0	34,729	100.0	6,986	100.0
Surry	330,389	103,429	100.0	95,091	100.0	60,502	99.8	15,686	100.0
Tri-County	126,818	40,231	100.0	34,917	97.0	19,988	99.5	5,864	84.8
Vance-Granville	251,178	46,643	97.9	77,753	100.0	47,081	99.6	17,938	100.0
Wake	1,112,269	265,662	100.0	309,516	99.5	281,041	99.8	85,032	99.2
Wayne	322,143	40,619	100.0	86,867	97.8	54,597	99.7	19,010	100.0
Western Piedmont	256,885	65,884	100.0	62,861	100.0	48,353	99.7	16,914	100.0
Wilkes	333,127	70,839	98.6	91,119	99.3	53,212	99.9	17,003	100.0
Wilson	160,567	51,015	97.3	44,320	100.0	33,474	98.1	9,384	99.5
<b>Subtotal</b>	<b>18,817,843</b>	<b>4,347,481</b>	<b>99.0</b>	<b>5,376,338</b>	<b>98.2</b>	<b>3,683,385</b>	<b>98.7</b>	<b>940,087</b>	<b>97.8</b>
<b>Grand Total</b>	<b>62,806,077</b>	<b>6,509,145</b>	<b>97.1</b>	<b>11,406,143</b>	<b>96.0</b>	<b>13,920,175</b>	<b>94.1</b>	<b>3,470,151</b>	<b>95.8</b>

**Table 26. Accessible Area by Room Codes**

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	1,178,696	68.3	750,478	96.6	311,150	72.5	28,492	98.7	1,238,046	66.1	67,747	47.4
NC State Veterinary Med	61,207	79.8	12,972	100.0	25,095	90.3	111,171	99.4	-	-	0	0.0
UNC-Chapel Hill	845,789	99.9	852,724	100.0	462,087	100.0	22,955	99.9	1,907,114	99.9	97,950	92.7
UNC-Chapel Hill Hlth Aff.	174,015	97.7	93,473	100.0	30,562	99.9	178,043	99.6	1,968	100.0	73,530	99.8
<b>Subtotal</b>	<b>2,259,707</b>	<b>79.9</b>	<b>1,709,647</b>	<b>98.4</b>	<b>828,894</b>	<b>87.3</b>	<b>340,661</b>	<b>99.5</b>	<b>3,147,128</b>	<b>83.2</b>	<b>239,227</b>	<b>73.1</b>
<b>Doctoral Universities I &amp; II</b>												
East Carolina	319,316	85.5	376,308	96.6	53,775	30.8	6,194	83.1	849,395	100.0	2,417	1.6
East Carolina Hlth Aff.	38,264	33.4	14,498	55.4	20,229	81.0	167,182	72.4	-	-	0	-
N.C. A&T	265,716	91.8	271,353	91.1	204,098	95.6	6,519	50.9	314,706	74.0	6,706	97.9
UNC Charlotte	217,297	97.3	340,852	95.5	80,167	94.8	5,781	73.3	1,279,440	96.6	79,810	95.2
UNC Greensboro	38,075	30.9	365,699	70.8	238,526	88.8	9,404	76.4	915,881	83.8	60,365	51.5
<b>Subtotal</b>	<b>878,668</b>	<b>78.2</b>	<b>1,368,710</b>	<b>86.2</b>	<b>596,795</b>	<b>77.9</b>	<b>195,080</b>	<b>71.9</b>	<b>3,359,422</b>	<b>91.0</b>	<b>149,298</b>	<b>42.0</b>
<b>Master's (Comprehensive) Universities &amp; Colleges I</b>												
Appalachian	341,881	85.7	332,127	91.0	75,684	90.7	11,733	100.0	529,648	71.3	28,371	100.0
Fayetteville	72,114	99.2	71,374	63.3	17,691	91.1	2,319	100.0	151,208	68.5	100,717	94.6
NCCU	116,094	91.8	155,177	97.1	11,521	44.9	2,318	82.6	307,074	90.8	120,696	93.0
UNC Pembroke	88,358	100.0	117,868	92.1	51,500	100.0	3,720	74.1	303,342	86.8	14,855	35.9
UNC Wilmington	225,897	100.0	238,974	99.9	77,733	99.0	7,876	100.0	852,360	94.5	135,457	73.8
Western Carolina	190,347	90.6	300,576	96.1	61,376	97.2	3,246	100.0	263,472	36.4	39,528	100.0
Winston-Salem	107,020	98.6	154,249	97.1	63,047	91.3	3,213	47.8	407,514	84.7	17,961	49.1
<b>Subtotal</b>	<b>1,141,711</b>	<b>92.8</b>	<b>1,370,345</b>	<b>92.8</b>	<b>358,552</b>	<b>91.8</b>	<b>34,425</b>	<b>86.7</b>	<b>2,814,618</b>	<b>74.9</b>	<b>457,585</b>	<b>80.9</b>
<b>Baccalaureate (Liberal Arts) Universities &amp; Colleges I &amp; II</b>												
Elizabeth City	87,210	95.4	91,516	92.9	16,453	98.4	1,574	100.0	239,234	78.9	52,714	88.6
UNC Asheville	-	-	-	-	-	-	-	-	62,857	21.2	132	0.4
<b>Subtotal</b>	<b>87,210</b>	<b>43.8</b>	<b>91,516</b>	<b>42.8</b>	<b>16,453</b>	<b>27.5</b>	<b>1,574</b>	<b>33.8</b>	<b>302,091</b>	<b>50.4</b>	<b>52,846</b>	<b>58.5</b>
<b>Schools of Art, Music, &amp; Design</b>												
UNC School of the Arts	23,826	100.0	120,434	94.7	78,639	94.9	1,259	41.0	130,156	81.7	37,421	92.0
<b>Subtotal</b>	<b>23,826</b>	<b>100.0</b>	<b>120,434</b>	<b>94.7</b>	<b>78,639</b>	<b>94.9</b>	<b>1,259</b>	<b>41.0</b>	<b>130,156</b>	<b>81.7</b>	<b>37,421</b>	<b>92.0</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	32,493	100.0	53,825	86.4	84,162	98.4	619,855	84.2	3,785	100.0	41,893	100.0
<b>Subtotal</b>	<b>32,493</b>	<b>100.0</b>	<b>53,825</b>	<b>86.4</b>	<b>84,162</b>	<b>98.4</b>	<b>619,855</b>	<b>84.2</b>	<b>3,785</b>	<b>100.0</b>	<b>41,893</b>	<b>100.0</b>
<b>Community Colleges</b>												
Alamance	5,856	100.0	18,143	100.0	8,626	100.0	-	-	-	-	0	-
Asheville-Buncombe	16,094	100.0	56,925	98.8	16,038	92.1	3,870	100.0	-	-	60,126	98.8
Beaufort Co.	3,376	100.0	29,422	100.0	10,618	100.0	-	-	-	-	0	-
Bladen	1,155	100.0	12,442	100.0	8,012	100.0	-	-	-	-	145	100.0
Blue Ridge	10,719	100.0	49,216	100.0	12,157	100.0	-	-	-	-	3,768	100.0
Brunswick	39,336	100.0	57,946	100.0	11,329	100.0	817	100.0	231	100.0	0	-
Caldwell	20,026	100.0	47,420	96.4	15,605	96.6	-	-	-	-	0	-
Cape Fear	29,877	100.0	72,955	100.0	39,809	100.0	526	100.0	756	100.0	1,659	100.0
Carteret	2,160	30.7	12,728	92.4	8,266	100.0	-	-	-	-	6,078	100.0
Catawba Valley	37,801	100.0	39,148	100.0	2,521	100.0	417	100.0	-	-	0	-
Central Carolina	18,436	100.0	56,274	100.0	3,307	100.0	7,478	100.0	-	-	0	-
Central Piedmont	31,321	97.1	133,423	99.7	56,830	85.0	-	-	-	-	97,098	97.3
Cleveland	15,097	100.0	16,089	100.0	6,877	85.3	162	100.0	-	-	0	-
Coastal Carolina	3,120	100.0	12,054	100.0	11,388	100.0	-	-	-	-	0	-

**Table 26. Accessible Area by Room Codes**

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Coll. of Albemarle	-	-	37,734	100.0	12,978	100.0	524	100.0	-	-	56,873	100.0
Craven	1,875	100.0	18,860	100.0	1,257	65.3	-	-	-	-	0	-
Davidson County	17,805	100.0	31,717	100.0	20,565	100.0	142	100.0	-	-	2,356	100.0
Durham	3,273	100.0	21,399	100.0	40,721	100.0	85	100.0	-	-	0	-
Edgecombe	770	100.0	39,111	96.2	8,457	100.0	-	-	-	-	88	100.0
Fayetteville	31,162	96.9	51,772	98.5	20,862	71.3	-	-	453	100.0	0	-
Forsyth	18,875	100.0	60,294	100.0	39,226	100.0	110	100.0	143	100.0	36,193	62.2
Gaston	14,130	100.0	55,390	99.0	11,344	79.2	748	100.0	-	-	0	-
Guilford	17,051	63.0	83,276	95.4	33,712	94.4	-	-	-	-	264,172	96.3
Halifax	7,060	100.0	43,847	99.2	8,510	99.2	-	-	-	-	3,800	100.0
Haywood	5,500	100.0	49,806	100.0	11,695	85.1	946	100.0	-	-	4,413	100.0
Isothermal	23,966	100.0	35,146	100.0	17,251	99.5	-	-	-	-	0	-
James Sprunt	3,795	100.0	12,607	100.0	3,016	74.4	-	-	-	-	350	100.0
Johnston	8,617	100.0	34,369	100.0	18,211	85.8	-	-	-	-	43,924	100.0
Lenoir	23,941	100.0	50,672	99.9	13,655	100.0	-	-	-	-	0	-
Martin	3,120	23.5	48,362	83.1	6,390	100.0	-	-	-	-	0	-
Mayland	572	100.0	16,167	100.0	3,725	63.0	-	-	-	-	61,873	100.0
McDowell	1,165	100.0	22,954	99.8	6,855	100.0	-	-	-	-	0	-
Mitchell	9,765	55.9	27,767	80.7	6,077	78.6	-	-	-	-	1,564	36.8
Montgomery	1,961	100.0	17,920	100.0	1,958	100.0	-	-	-	-	3,087	99.2
Nash	12,562	100.0	31,707	99.4	6,923	91.0	-	-	-	-	16,574	100.0
Pamlico	154	100.0	9,361	100.0	3,359	87.5	-	-	-	-	0	-
Piedmont	-	-	12,252	100.0	13,172	100.0	-	-	-	-	5,704	97.5
Pitt	18,112	100.0	24,952	100.0	17,790	100.0	-	-	-	-	18,041	100.0
Randolph	5,152	100.0	37,739	100.0	39,630	100.0	-	-	-	-	1,473	100.0
Richmond	989	100.0	35,945	89.7	5,758	98.9	100	44.2	-	-	430	100.0
Roanoke-Chowan	9,874	100.0	14,863	100.0	5,572	100.0	-	-	-	-	3,232	47.0
Robeson	2,054	100.0	41,657	100.0	6,822	100.0	-	-	-	-	1,905	100.0
Rockingham	25,944	72.1	24,977	99.2	7,861	100.0	964	100.0	-	-	0	-
Rowan-Cabarrus	4,310	100.0	41,099	100.0	15,679	100.0	3,176	100.0	-	-	5,884	100.0
Sampson	-	-	19,909	100.0	7,233	100.0	-	-	-	-	0	-
Sandhills	31,081	95.7	42,859	97.8	2,971	76.2	128	100.0	623	11.1	0	-
South Piedmont	1,291	100.0	50,345	100.0	8,280	95.2	107	100.0	-	-	59,411	59.6
Southeastern	11,054	100.0	15,427	100.0	6,679	100.0	-	-	-	-	1,407	63.9
Southwestern	18,378	100.0	26,832	100.0	12,215	98.9	-	-	-	-	0	-
Stanly	1,644	100.0	20,654	100.0	9,424	100.0	130	100.0	-	-	2,232	100.0
Surry	17,276	100.0	27,914	100.0	10,491	88.8	-	-	-	-	0	-
Tri-County	-	-	15,826	100.0	8,138	91.2	1,854	100.0	-	-	0	-
Vance-Granville	2,710	100.0	42,251	100.0	6,430	68.7	-	-	-	-	10,372	99.2
Wake	73,563	97.9	65,050	100.0	32,346	79.8	-	-	-	-	59	100.0
Wayne	9,214	100.0	31,991	99.8	15,143	100.0	1,730	100.0	-	-	62,972	100.0
Western Piedmont	7,011	100.0	30,989	100.0	8,497	62.7	-	-	-	-	16,376	30.4
Wilkes	20,511	99.9	51,042	90.2	22,893	100.0	1,282	100.0	-	-	5,226	100.0
Wilson	-	-	14,676	100.0	7,698	90.4	-	-	-	-	0	-
<b>Subtotal</b>	<b>701,661</b>	<b>93.5</b>	<b>2,103,672</b>	<b>98.2</b>	<b>778,852</b>	<b>92.9</b>	<b>25,296</b>	<b>97.5</b>	<b>2,206</b>	<b>30.6</b>	<b>858,865</b>	<b>87.7</b>
<b>Grand Total</b>	<b>5,125,276</b>	<b>82.8</b>	<b>6,818,149</b>	<b>92.8</b>	<b>2,742,347</b>	<b>86.4</b>	<b>1,218,150</b>	<b>85.5</b>	<b>9,759,406</b>	<b>81.3</b>	<b>1,837,135</b>	<b>76.5</b>

This Page Intentionally Left Blank



Institutional Index					
Institution	Type *	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Graham 27253	06, 13
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01, 03
Bladen Community College	1-3	007897	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	03
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	02
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	08, 09, 12
Cleveland Community College	1-3	008082	Cleveland	Shelby 28152	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28546	03
College of the Albemarle	1-3	002919	Pasquotank	Elizabeth City 27906	01
Craven Community College	1-3	008086	Craven	New Bern 28562	01, 03
Davidson County CC	1-3	002919	Davidson	Lexington 27293	06, 12
Durham Technical CC	1-3	005448	Durham	Durham 27703	04
East Carolina University	1-1	002923	Pitt	Greenville 27858	01, 03
ECU-Health Affairs	1-1		Pitt	Greenville 27858	01, 03
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	01
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	02, 07, 08
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	02, 07, 08
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05, 12
Gaston College	1-2	002973	Gaston	Dallas 28034	09, 10
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06, 12, 13
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	10, 11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03, 07
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02

\*see page 157

## Institutional Index

Institution	Type*	FICE	County	City	Congr. Dist.**
		Code			
Lenoir Community College	1-3	002940	Lenoir	Kinston 28502	01, 03
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	05, 10
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	01, 02
N. C. A&T State University	1-1	002905	Guilford	Greensboro 27411	06, 12, 13
North Carolina Central University	1-2	002950	Durham	Durham 27707	04
NC State University	1-1	002972	Wake	Raleigh 27695	02, 04, 13
NCSU Veterinary School	1-1		Wake	Raleigh 27695	02, 04, 13
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Piedmont Community College	1-3	009646	Person	Roxboro 27573	13
Pitt Community College	1-3	004062	Pitt	Greenville 27835	01, 03
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05, 13
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28145	06, 12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	02, 07
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	06
South Piedmont Community College	1-3	007985	Anson	Polkton 28135	08
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28804	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27599	04
U. of N. C. at Charlotte	1-1	002975	Mecklenburg	Charlotte 28223	08, 09, 12
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27402	06, 12, 13
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27599	04
U. of N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	05, 12

### Institutional Index

<b>Institution</b>	<b>Type*</b>	<b>FICE Code</b>	<b>County</b>	<b>City</b>	<b>Congr. Dist.**</b>
U. of N. C. at Pembroke	1-2	002954	Robeson	Pembroke 28372	07
U. of N. C. Wilmington	1-2	002984	New Hanover	Wilmington 28403	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	01, 02
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	02, 04, 13
Wayne Community College	1-3	002980	Wayne	Goldsboro 27533	01, 03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	01, 03
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27110	05, 12

\*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions

\*\*Based on 2010 census.

## Bibliography

- Collier, Douglas J. Program Classification Structure: Second Edition. Technical Report 106. Boulder: National Center for Higher Education Management Systems, 1978.
- Dahnke, Harold L.; Jones, Dennis P.; Mason, Thomas R.; and Romney, Leonard C. Higher Education Facilities Planning and Management Manuals. Boulder: Western Interstate Commission for Higher Education, 1971.
- National Center for Educational Statistics, U. S. Office of Education. Inventory of Physical Facilities in Institutions of Higher Education, Fall 1974. Washington, D. C.: Government Printing Office, 1977.
- National Center for Education Statistics and the State Higher Education Executive Officers. Postsecondary Education Facilities Inventory and Classification Manual. 1992.
- State Commission on Higher Education Facilities. Facilities Inventory and Utilization Manual, 6th ed. Chapel Hill: UNC-General Administration, 2009.
- The University of North Carolina. Statistical Abstract of Higher Education in North Carolina, 2011-2012. Chapel Hill, N. C.: UNC-General Administration, 2011.
- U. S. Office of Education. Federal Support for Higher Education Construction: Current Programs and Future Needs. Washington, D. C.: Government Printing Office, 1969.
- U. S. Office of Education. Facilities Inventory and Classification Manual, 1973. Washington, D. C.: Government Printing Office, 1974.
- Wheeler, Charles L., "Facilities Analysis: A Tool in Strategic Planning," in Using Research for Strategic Planning, New Directions for Institutional Research, no. 37, ed. by N. P. Uhl. San Francisco: Josey-Bass, 1983.
- Wolfsberg, Rolf M. and Richard J. Petersen, The Impact of Section 504 of the Rehabilitation Act of 1973 on American Colleges and Universities: Technical Report. Washington, D. C.: Government Printing Office, 1979.

## Index

- Academic administration (subprogram), 78, 80-81, 142-143
- Academic computer support (subprogram), 78, 80-81, 142-143
- Academic facilities, 15, 18-19
  - per FTE student, 16-19
- Academic personnel development (subprogram), 79-81, 142-143
- Academic support:
  - program, 65, 67-69, 136-137
  - subprograms, 78-81, 142-143
- Accessibility of facilities to mobility impaired, 131-133, 135-153
- Address, institutional, 155-157
- Administrative computer support (subprogram), 86-89, 146-147
- Age of buildings, 116-119
- Ancillary support (subprogram), 78, 80-81, 142-143
- Assignable square feet, 61-63, 132-133
  - distribution among programs, 64-89
  - distribution among room codes, 90-97
  - per student station, 50-52, 98-101
  - to gross square feet (ratio), 61-63
- Assignable square feet of academic facilities:
  - See "Academic facilities"
- Average weekly room hours of instruction:
  - in classrooms, 20-23, 48, 50
  - in class labs, 24-27, 48, 51
- Average weekly use of student stations:
  - in classrooms, 28-31, 50
  - in class labs, 32-35, 51
- Building cost, 112-115
- Building maintenance (subprogram), 83-85, 144-145
- Buildings:
  - age of, 116-119
  - condition of, 120-123, 125-127
  - number of, 114-115
- Capacity/enrollment ratio, 9-13
- Class laboratories:
  - number of, 104-105
  - stations in, 102-105
  - utilization, 24-27, 32-35, 36-39, 41-47, 48, 50-51
- Classrooms:
  - accessibility to mobility impaired, 150-151
  - number of, 100-101
  - space, 90, 94-95
  - stations in, 98-101
  - utilization, 20-23, 28-31, 36-39, 41-43, 46-48, 50
- Clock hours: See "Student clock hours"
- Community services (subprogram), 72, 76, 77, 140, 141
- Condition of buildings, 120-124, 125-127
- Conference rooms, 50, 52
- Construction costs, 112-113
- Cooperative extension services (subprogram), 73, 76-77, 140-141
- Cost:
  - of construction, 112-115
  - to renovate or replace, 125-127
- Counseling & career guidance (subprogram), 82, 84-85, 144-145
- Course & curriculum development (subprogram), 79-81, 142-143
- Custodial services (subprogram), 83-85, 144-145
- Daytime instruction, 20, 32
  - in classrooms, 22-23, 30-31
  - in class labs, 26-27, 34-35
- Direct patient care (subprogram), 72, 76, 77, 140, 141
- Educational media services (subprogram), 78, 80-81, 142-143
- Enrollments:
  - headcount, 55
  - full-time equivalent (FTE), 16, 18-19, 54-58
- Estimated replacement cost: See "Replacement value"
- Executive management (subprogram) 86, 88-89, 146-147
- Extension services: See "Cooperative extension service"

Faculty & staff auxiliary services (subprogram),  
 86, 88-89, 146-147  
 FCAP, 120, 124  
 Financial aid administration (subprogram), 82,  
 84-85, 144-145  
 Full-time equivalent (FTE) enrollment, 16, 18-  
 19, 54-58  
  
 General academic instruction (subprogram), 71,  
 74-75, 138-139  
 General studies, nondegree (subprogram), 71,  
 74-75, 138-139  
 General use facilities, 90-91, 93, 96-97, 152-153  
 Gross square feet, 61-63, 114-115  
  
 Headcount enrollments, 55  
 Health care supportive services (subprogram),  
 72, 75, 77, 139, 141  
 Home & family life instruction, nondegree  
 (subprogram), 72, 74-75, 138-139  
 High school enrollments, 4, 18  
  
 Independent operations:  
     program, 66-69, 136-137  
     subprograms, 87-89, 146-147  
 Independent operations/external agencies  
     (subprogram), 87-89, 146-147  
 Independent operations/institutional  
     (subprogram), 87-89, 146-147  
 Individual or project research (subprogram), 72,  
 76-77, 140-141  
 Institutes & research centers (subprogram), 72,  
 76-77, 140-141  
 Institutional administration:  
     program, 65, 67-69, 136-137  
     subprograms, 86-89, 146-147  
 Instruction:  
     program, 65, 67-69, 136-137  
     subprograms, 71-72, 74-75, 138-139  
 Instructional & library space, 9, 12-13  
 Intercollegiate athletics (subprogram), 82, 84-  
 85,  
 144-145

Laboratories, 90-91, 93-95, 150-151  
     See also "Class laboratories)  
 Landscape & ground maintenance  
 (subprogram), 83-85, 144-145  
 Libraries, 53  
 Library service (subprogram), 78, 80-81, 142-  
 143  
 Limitations and special situations, 3-5  
  
 Major repairs & renovations (subprogram), 83  
 Medical care facilities, 90-93, 96-97, 152-153  
 Medical schools, 1-2, 4, 18  
 Museums & galleries (subprogram), 78, 80-81,  
 142-143  
  
 Net-to-gross ratio, 61-63  
 Nighttime instruction, 20, 24, 28, 32  
     in classrooms, 21-23, 29-31  
     in class labs, 25-27, 33-35  
  
 Occupation-related instruction, nondegree  
     (subprogram), 71, 74, 75, 138-139  
 Offices, 52, 90-91, 93-95, 150-151  
 Ownership of buildings, 109-111  
  
 Parking decks, 61  
 Percent student station utilization, 36-39, 48  
 Personal interest & leisure instruction,  
 nondegree (subprogram), 72, 74-75, 78, 138-  
 139  
 Physical plant administration (subprogram), 83-  
 85, 144-145  
 Physical plant operations:  
     program, 65, 68-69, 136-137  
     subprograms, 83-85, 144-145  
 Potential student hours of instruction, 36  
 Program classification structure, 64-66, 71-73,  
 78-79, 82-83, 86-87  
 Public broadcasting services (subprogram), 73,  
 76-77, 79, 140-141  
 Public relations/development (subprogram), 86,  
 88-89, 146-147  
 Public services:  
     program, 65, 67-69, 136-137  
     subprograms, 72-73, 76-77, 140-141

Renovations, 61, 125-127  
 Replacement value, 112-115  
 Requisite preparatory/remedial instruction,  
     (subprogram), 71, 74-75, 138-139  
 Research:  
     program, 65, 67-69, 136-137  
     subprograms, 72, 76-77, 140-141  
 Residential facilities, 90, 92-93, 96-97, 152-153  
 Room codes, 91-92  
 Room hours of instruction, total:  
     in classrooms, 20-23, 48  
     in class labs, 24, 26-27, 48  
  
 Secondary level enrollments, 4, 18  
 Section 504 of the Rehabilitation Act of 1973,  
     131, 135, 149  
 Social & cultural development (subprogram),  
     82, 84-85, 144-145  
 Social roles/interaction instruction, nondegree  
     (subprogram), 71, 74- 75, 138-139  
 Space factors, 44-48  
 Space standards, 49-53  
 Special use facilities, 90,91,93, 96-97, 152-153  
 Square feet: See "Assignable square feet,"  
 "Gross square feet"  
 Stations: See "Student stations"  
 Student auxiliary services (subprograms), 82,  
     84-85, 144-145  
 Student clock hours, 10, 12-13, 41-43  
 Student financial support, 66  
 Student health/medical services (subprogram),  
     82, 84-85, 144-145  
 Student records (subprogram), 87-89, 146-147  
 Student recruitment & admissions  
     (subprogram), 86, 88-89, 146-147  
 Student services:  
     program, 65, 67-69, 136-137  
     subprograms, 82, 84-85, 144-145  
 Student stations, 28-31, 32-35, 100-101, 104-  
 105  
     assignable square feet per, 50-51, 98-101,  
     102-105  
 Study facilities, 90-91, 93-95, 150-151  
 Supporting facilities, 90-91, 93, 96-97, 152-153  
  
 Unassigned space:  
     program, 66-69, 136-137  
     subprogram, 87-89, 146-147  
 Unclassified space, 90, 92-93, 96-97, 152-153  
 Utilities (subprogram), 83-85, 144-145  
  
 Vocational/technical instruction (subprogram),  
     71, 74-75, 138-139