

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2017



Walter and Marie Williams Science and Technology Building, Pitt Community College



**2017 FACILITIES INVENTORY
AND UTILIZATION STUDY**

for

The State of North Carolina

Fifty First Edition

January 2019

Walter and Marie Williams Science and Technology Building
Pitt Community College
(Cover page)

Just in time for the Fall 2017 semester, Pitt Community College opened the Walter and Marie Williams Science and Technology Building. The 78,000 square-foot building is the largest on the Pitt Community College campus adding much needed academic space to the main campus while freeing up space for other educational programming in existing buildings.

Named for longtime PCC Trustee Walter Williams, a local businessman and philanthropist, and his wife, Marie, the Williams Building now serves as the home of Pitt Community College's Science, Technology, Engineering and Mathematics (STEM) programming and the Industrial Systems Technology program. The new building allows for PCC's Biotechnology program to move to campus and for program specific renovations to existing buildings including the addition of a simulation hospital and a hot lab for Nuclear Medicine Technology.

The Walter and Marie Williams Science and Technology Building is the 18th building on PCC's main campus and includes 10 classrooms, 11 laboratories, a biotechnology center, a STEM learning center, a science tutorial center, flexible industrial space, and the 120-seat Joyner Auditorium. Laboratories in the new space include a specialized lab for the pharmaceutical industry, a cell culture lab, and an advance research lab and cleanroom for the biotechnology program.

The Walter and Marie Williams Building is a shining example of a building made for the community by the community. The building was designed by JKF Architecture and constructed by Farrior & Sons, Inc. Both firms are located in Pitt County and will be able to witness firsthand how the new building will positively impact their local community. The new facility will allow Pitt Community College to expand its workforce development efforts, increase its commitment to University Transfer offerings, and support Pitt County's industrial recruitment and advanced manufacturing efforts.

The building, which cost \$16 million to build and equip, was funded with a 2013 voter approved bond and a \$2 million U.S. Economic Development Administration grant.

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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-first in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 2017 fall term at each college. 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 Facilities Inventory and Utilization Study is being published in its entirety online in a format that can be printed front and back. The 2017 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 2017 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 institutions presented on page 124 is such an example.

Public senior institutions, community and technical colleges, and participating private institutions 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.

Jeffrey D. Hill
Director

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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 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 78 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions, which comprise the University of North Carolina, four private non-profit colleges and universities, 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. 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.

Beginning in the Fall of 2002, the 38 private institutions participating in the data collection were given the option of continuing the yearly assessment of their facilities on a fee-for-service basis. Of the current 36 campuses, Barton College, Campbell University, Mars Hill College, and Pfeiffer University have elected to participate in 2017. Each of these participating institutions is provided with building, room, and utilization reports for their campus, and will retain the ability to request special data analysis as part of this service. Campuses that rejoin the data collection effort under the fee-for-service agreement will be added at the beginning of each data collection cycle.

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.

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 which 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 which 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 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 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 University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. 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 Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. 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.

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**Health Science Campus Student Center
East Carolina University**

ECU opened its new, architecturally and sustainably innovative Student Center located at the heart of the Health Sciences Campus. The central location of the Student Center allows for access among the multiple disciplines found across the adjacent academic buildings, offering both a real and symbolic gathering space for students, services, and activities. The two-story, 76,000 square-foot Student Center contains recreation facilities, spaces for student organizations, multiple venues for learning, a large meeting/banquet room, administrative spaces, offices for parking, one-card services, computer repair, public safety, and a second location for university health services. The space also has a convenience store, a Starbucks, and two other food/beverage options. All of the primary functions needed by students are now housed on both the Health Sciences Campus as well as on ECU’s main campus. The building serves as a focal point for the diverse student body, totaling around 3,000 on this western campus. The building was designed by MHAworks Architecture, and built by Rodgers Builders.

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

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TABLE 1:
CAPACITY / ENROLLMENT RATIO

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

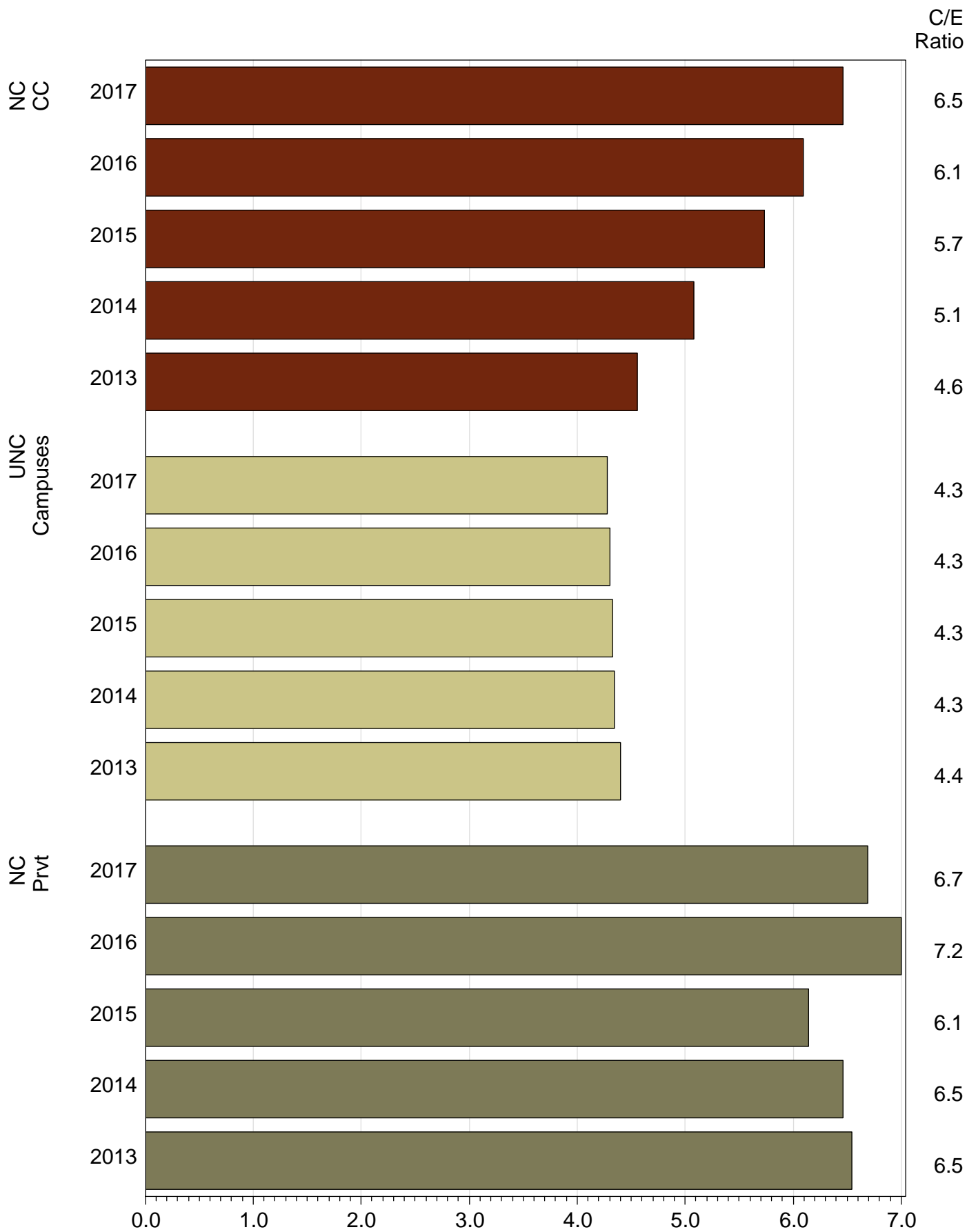


Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2017	2016	2015	2014	2013
Public Institutions							
Research Universities I							
NC State	1,668,595	375,915.0	4.44	4.46	4.38	4.23	4.20
NC State Veterinary Med	-	-	-	-	-	-	-
UNC-Chapel Hill	1,848,291	299,765.5	6.17	6.10	6.12	6.06	5.95
UNC-Chapel Hill Hlth Aff.	-	-	-	-	-	-	-
Subtotal	3,516,886	675,680.5	5.20	5.19	5.14	5.02	4.96
Doctoral Universities I and II							
East Carolina	1,052,384	290,701.5	3.62	3.57	3.78	3.91	3.87
East Carolina Hlth Aff.	-	-	-	-	-	-	-
NC A&T	719,247	150,355.5	4.78	5.17	5.22	5.43	5.87
UNC Charlotte	981,790	354,164.0	2.77	2.80	2.84	3.00	3.23
UNC Greensboro	749,448	205,214.5	3.65	3.59	3.76	3.75	3.99
Subtotal	3,502,869	1,000,435.5	3.50	3.53	3.64	3.78	3.96
Master's (Comprehensive) Universities and Colleges I							
Appalachian	820,527	264,473.5	3.10	3.11	3.11	3.01	3.06
Fayetteville	325,311	52,094.5	6.24	5.78	5.68	5.41	5.17
NC Central	538,119	90,526.5	5.94	5.77	5.79	6.35	5.73
UNC Pembroke	306,476	60,818.5	5.04	4.75	4.76	4.83	4.86
UNC Wilmington	545,269	181,006.5	3.01	3.28	3.06	2.96	3.14
Western Carolina	551,071	139,645.5	3.95	4.01	4.25	4.22	4.25
Winston-Salem	285,086	61,569.0	4.63	4.60	4.90	5.29	5.47
Subtotal	3,371,859	850,134.0	3.97	3.99	4.00	3.98	4.01
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	281,544	18,645.0	15.10	17.24	15.39	14.74	10.59
UNC Asheville	250,836	53,212.0	4.71	4.73	4.05	4.32	4.42
Subtotal	532,380	71,857.0	7.41	7.75	6.76	7.04	6.49
Schools of Art, Music, and Design							
UNC School of the Arts	332,364	31,716.5	10.48	10.37	10.49	9.27	9.54
Subtotal	332,364	31,716.5	10.48	10.37	10.49	9.27	9.54
Community Colleges							
Alamance	222,053	33,787.0	6.57	5.90	4.32	4.10	3.71
Asheville-Buncombe	394,849	42,358.0	9.32	8.33	6.34	5.78	4.34
Beaufort Co.	131,585	10,231.5	12.86	12.63	11.28	7.73	6.00
Bladen	72,431	11,138.0	6.50	5.00	6.23	5.14	4.47
Blue Ridge	236,456	21,080.5	11.22	9.05	10.39	8.43	7.52
Brunswick	114,022	25,520.0	4.47	5.02	4.58	4.39	3.80
Caldwell	256,339	32,419.5	7.91	7.38	8.06	8.12	5.70
Cape Fear	498,955	89,964.5	5.55	4.68	4.42	3.79	3.66
Carteret	127,656	15,422.0	8.28	7.44	7.81	7.40	6.95
Catawba Valley	283,873	39,271.5	7.23	6.75	6.60	5.56	5.38
Central Carolina	307,017	45,840.5	6.70	6.68	6.25	5.55	6.30
Central Piedmont	916,072	174,219.0	5.26	5.24	4.46	4.82	4.34
Cleveland	158,060	19,171.0	8.24	8.09	8.30	7.10	5.47
Coastal Carolina	185,672	50,585.5	3.67	3.80	3.71	3.29	3.15
Coll. of Albemarle	130,340	15,715.0	8.29	11.36	9.72	9.84	9.26
Craven	161,377	30,741.5	5.25	5.82	5.54	5.45	4.72
Davidson County	215,325	31,492.0	6.84	6.78	6.11	5.55	5.01
Durham	226,274	49,543.5	4.57	4.96	4.62	4.34	4.86
Edgecombe	135,295	18,654.0	7.25	6.94	5.44	4.38	4.15
Fayetteville	492,050	93,237.5	5.28	5.11	4.66	4.39	3.70
Forsyth	491,447	72,413.5	6.79	6.09	5.59	4.92	4.18
Gaston	331,187	45,202.5	7.33	6.09	6.75	7.03	5.84
Guilford	610,020	76,724.5	7.95	6.58	6.33	3.84	3.47
Halifax	110,807	9,645.0	11.49	8.85	7.97	7.45	6.37
Haywood	150,433	16,036.5	9.38	10.36	8.93	8.37	8.17

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2017	2016	2015	2014	2013
Isothermal	165,493	12,958.5	12.77	12.20	9.28	10.63	7.37
James Sprunt	84,930	12,017.5	7.07	6.68	6.33	5.63	5.03
Johnston	197,617	36,730.5	5.38	5.17	5.91	6.12	5.01
Lenoir	222,685	25,038.5	8.89	8.84	7.12	6.03	6.05
Martin	81,131	11,476.5	7.07	7.14	15.21	9.32	5.71
Mayland	81,550	7,876.0	10.35	11.04	9.35	7.02	6.43
McDowell	103,432	10,282.0	10.06	9.71	9.18	9.64	5.47
Mitchell	164,412	27,271.5	6.03	5.27	4.99	4.67	4.30
Montgomery	60,257	9,754.0	6.18	7.69	7.63	7.24	7.28
Nash	155,211	27,370.5	5.67	5.22	5.85	3.79	3.60
Pamlico	33,955	2,394.5	14.18	11.61	12.47	11.59	11.07
Piedmont	89,352	10,972.0	8.14	6.66	6.27	5.44	5.47
Pitt	321,027	63,192.5	5.08	4.31	3.95	3.71	3.25
Randolph	193,162	23,582.0	8.19	7.08	6.67	6.77	6.45
Richmond	110,972	18,389.0	6.03	5.52	5.02	4.54	3.73
Roanoke-Chowan	59,536	7,305.0	8.15	8.59	7.83	5.06	3.93
Robeson	124,536	25,858.5	4.82	5.02	4.52	4.25	3.38
Rockingham	156,756	18,984.0	8.26	10.13	10.94	6.86	6.09
Rowan-Cabarrus	219,249	41,945.0	5.23	4.51	4.82	3.74	3.47
Sampson	91,141	14,709.0	6.20	5.71	5.32	4.97	4.48
Sandhills	245,602	37,868.0	6.49	6.51	6.34	5.34	4.86
South Piedmont	130,952	18,378.5	7.13	7.12	6.51	5.31	5.57
Southeastern	125,557	13,805.5	9.09	9.50	8.89	8.96	8.11
Southwestern	132,938	18,658.5	7.12	6.81	5.69	5.44	5.67
Stanly	102,900	10,054.5	10.23	10.55	14.33	8.59	5.35
Surry	256,763	37,446.5	6.86	5.94	6.02	5.27	5.04
Tri-County	85,254	7,780.5	10.96	10.48	8.60	6.70	5.44
Vance-Granville	151,772	25,580.5	5.93	5.22	5.15	4.49	4.21
Wake	803,235	175,805.0	4.57	4.16	3.86	3.21	3.28
Wayne	173,650	34,398.5	5.05	5.41	5.36	5.16	4.29
Western Piedmont	170,501	21,211.0	8.04	8.13	7.97	7.03	6.06
Wilkes	212,172	25,214.0	8.41	8.57	7.32	5.64	4.57
Wilson	118,765	13,820.5	8.59	5.47	6.74	6.09	5.02
Subtotal	12,386,060	1,918,542.5	6.46	6.09	5.73	5.08	4.56
Private Institutions							
NC Private Universities							
Barton	126,900	13,309.0	9.53	6.93	8.42	8.26	7.76
Campbell	367,748	74,837.0	4.91	5.91	4.49	4.91	5.15
Mars Hill	202,505	21,625.5	9.36	9.78	8.23	8.28	8.13
Pfeiffer	113,646	11,352.5	10.01	10.34	9.54	9.47	9.15
Subtotal	810,799	121,124.0	6.69	7.24	6.14	6.46	6.54
Grand Total	24,453,217	4,669,490.0	5.24	5.13	4.99	4.73	4.53

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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 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

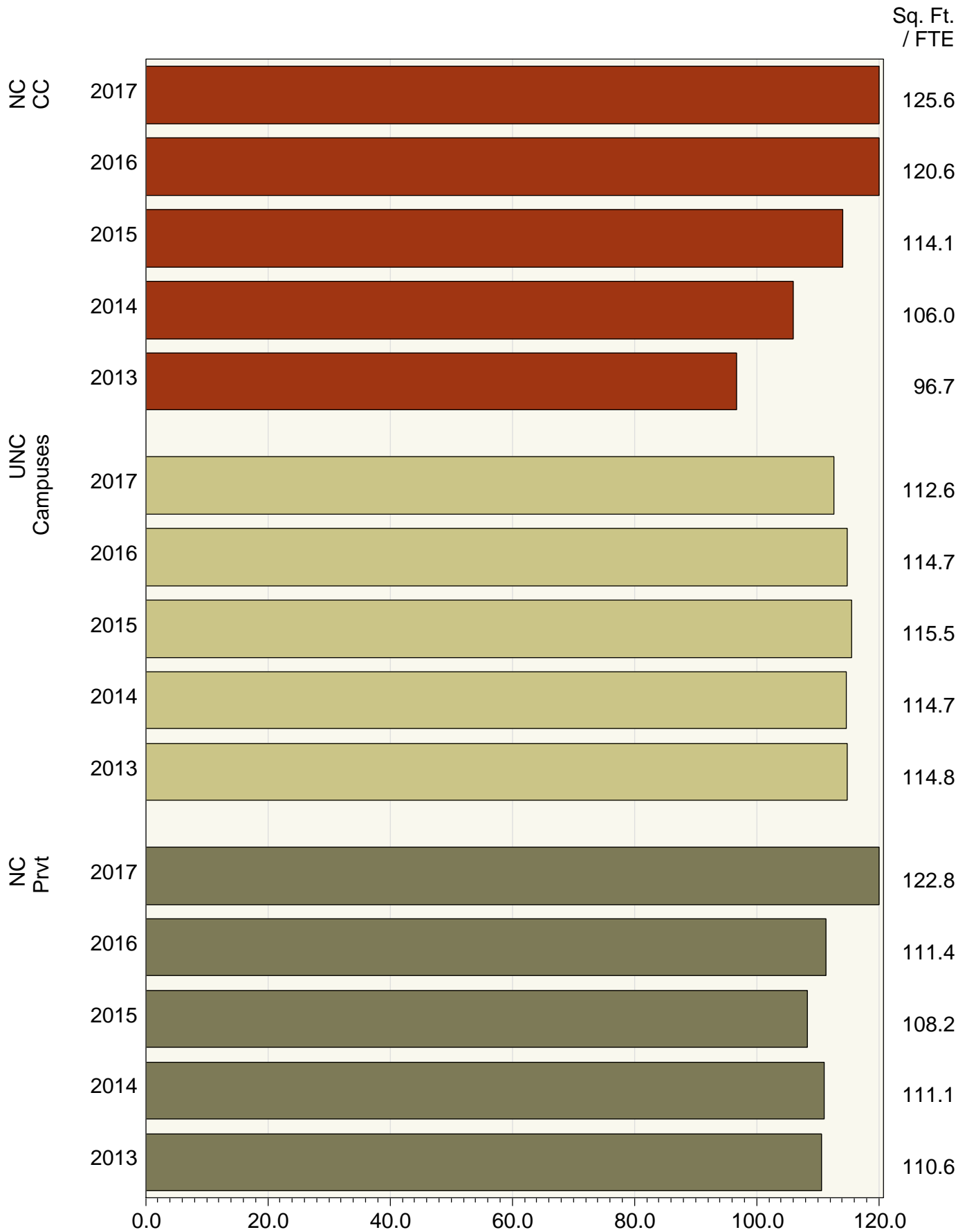


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2017	2016	2015	2014	2013
Public Institutions							
Research Universities I							
NC State	5,973,641	30,552	196	198	195	193	192
NC State Veterinary Med	435,362	402	1,083	1,061	1,044	1,104	1,161
UNC-Chapel Hill	3,707,651	23,207	160	167	165	165	164
UNC-Chapel Hill Hlth Aff.	2,466,913	4,615	535	545	543	537	513
Subtotal	9,681,292	53,759	180	184	182	181	180
Doctoral Universities I and II							
East Carolina	1,679,558	23,483	72	71	71	71	69
East Carolina Hlth Aff.	1,140,434	2,747	415	412	333	347	335
NC A&T	1,547,675	11,112	139	149	150	155	157
UNC Charlotte	1,804,630	26,783	67	70	75	70	72
UNC Greensboro	1,512,196	18,153	83	83	85	87	90
Subtotal	6,544,059	79,531	82	84	86	86	87
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,242,913	18,099	69	70	71	70	71
Fayetteville	521,230	5,345	98	96	99	102	98
NC Central	809,326	7,471	108	108	108	112	106
UNC Pembroke	534,090	5,555	96	95	91	86	87
UNC Wilmington	1,025,925	15,065	68	71	70	71	73
Western Carolina	854,152	10,031	85	86	91	91	93
Winston-Salem	539,854	4,751	114	112	114	100	97
Subtotal	5,527,490	66,317	83	85	86	84	85
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	432,182	1,298	333	322	270	231	178
UNC Asheville	425,111	3,553	120	117	115	116	117
Subtotal	857,293	4,851	177	172	161	155	141
Schools of Art, Music, and Design							
UNC School of the Arts	532,966	998	534	519	558	471	499
UNC Subtotal	23,143,100	205,456	113	115	116	115	115
Community Colleges							
Alamance	259,380	2,856	91	72	67	69	68
Asheville-Buncombe	511,421	4,826	106	107	89	86	74
Beaufort Co.	167,740	656	256	251	213	154	139
Bladen	94,992	1,012	94	94	94	85	85
Blue Ridge	275,467	1,064	259	219	209	188	162
Brunswick	151,592	828	183	185	159	133	133
Caldwell	305,710	1,966	155	143	136	125	117
Cape Fear	652,626	5,258	124	98	94	87	85
Carteret	159,905	804	199	180	184	174	166
Catawba Valley	338,843	3,398	100	95	91	111	118
Central Carolina	351,468	3,706	95	95	97	93	96
Central Piedmont	1,238,319	9,390	132	132	123	123	110
Cleveland	193,434	1,074	180	148	152	133	106
Coastal Carolina	221,067	2,534	87	87	79	74	73
Coll. of Albemarle	195,152	860	227	305	276	236	210
Craven	192,942	1,578	122	129	123	119	105
Davidson County	288,542	2,728	106	99	95	89	88
Durham	320,981	2,834	113	116	115	108	105
Edgecombe	181,185	854	212	192	143	112	95

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

**Agricultural programs at NC A&T require a significant amount of academic space. The 2017 figures for these programs are: ASF: 332,078; FTE: 1,023; ASF per FTE: 325. Figures for all other campus programs are: ASF: 1,215,597; FTE: 10,089; ASF per FTE: 120.

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

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				
			2017	2016	2015	2014	2013
Fayetteville	642,276	8,534	75	76	73	68	65
Forsyth	637,607	5,586	114	112	107	95	90
Gaston	406,793	3,888	105	99	95	94	89
Guilford	1,046,440	5,358	195	171	162	146	89
Halifax	164,887	534	309	265	242	218	204
Haywood	187,047	798	234	251	229	207	179
Isothermal	222,870	874	255	257	231	201	168
James Sprunt	119,233	910	131	134	119	112	96
Johnston	269,847	2,076	130	137	128	119	113
Lenoir	264,555	1,938	137	133	130	114	115
Martin	103,392	584	177	175	206	202	165
Mayland	102,162	640	160	152	182	129	120
McDowell	136,254	788	173	154	151	155	104
Mitchell	209,691	1,476	142	135	138	132	118
Montgomery	75,358	706	107	121	126	114	123
Nash	187,245	1,308	143	123	101	66	70
Pamlico	50,723	102	497	453	409	649	666
Piedmont	126,048	704	179	136	127	111	105
Pitt	385,369	5,752	67	57	55	51	50
Randolph	255,896	1,208	212	192	179	164	143
Richmond	163,243	1,788	91	88	91	90	84
Roanoke-Chowan	80,418	324	248	221	197	166	141
Robeson	161,343	1,560	103	106	98	95	85
Rockingham	205,010	1,400	146	160	148	133	121
Rowan-Cabarrus	330,718	2,640	125	124	133	93	88
Sampson	113,423	732	155	136	131	118	108
Sandhills	287,401	2,198	131	138	128	118	107
South Piedmont	184,826	1,652	112	119	119	176	170
Southeastern	164,074	768	214	232	194	195	172
Southwestern	175,051	1,302	134	147	137	129	135
Stanly	132,725	1,822	73	72	70	66	64
Surry	295,678	2,348	126	119	116	111	103
Tri-County	115,611	366	316	277	262	214	188
Vance-Granville	231,812	2,176	107	107	97	90	82
Wake	981,239	11,134	88	81	76	67	67
Wayne	225,896	1,732	130	133	87	84	74
Western Piedmont	263,889	1,160	227	227	202	280	145
Wilkes	272,958	1,484	184	178	163	107	97
Wilson	142,910	612	234	175	169	149	134
Subtotal	16,222,684	129,188	126	121	114	106	97
Private Institutions							
NC Private Universities							
Barton	174,428	905	193	166	174	178	179
Campbell	509,846	6,010	85	81	78	83	83
Mars Hill	261,362	1,238	211	190	170	164	165
Pfeiffer	180,671	1,019	177	129	133	123	121
Subtotal	1,126,307	9,172	123	111	108	111	111
Grand Total	40,492,091	343,816	118	117	115	111	107

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

**Agricultural programs at NC A&T require a significant amount of academic space. The 2017 figures for these programs are: ASF: 332,078; FTE: 1,023; ASF per FTE: 325. Figures for all other campus programs are: ASF: 1,215,597; FTE: 10,089; ASF per FTE: 120.

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

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.

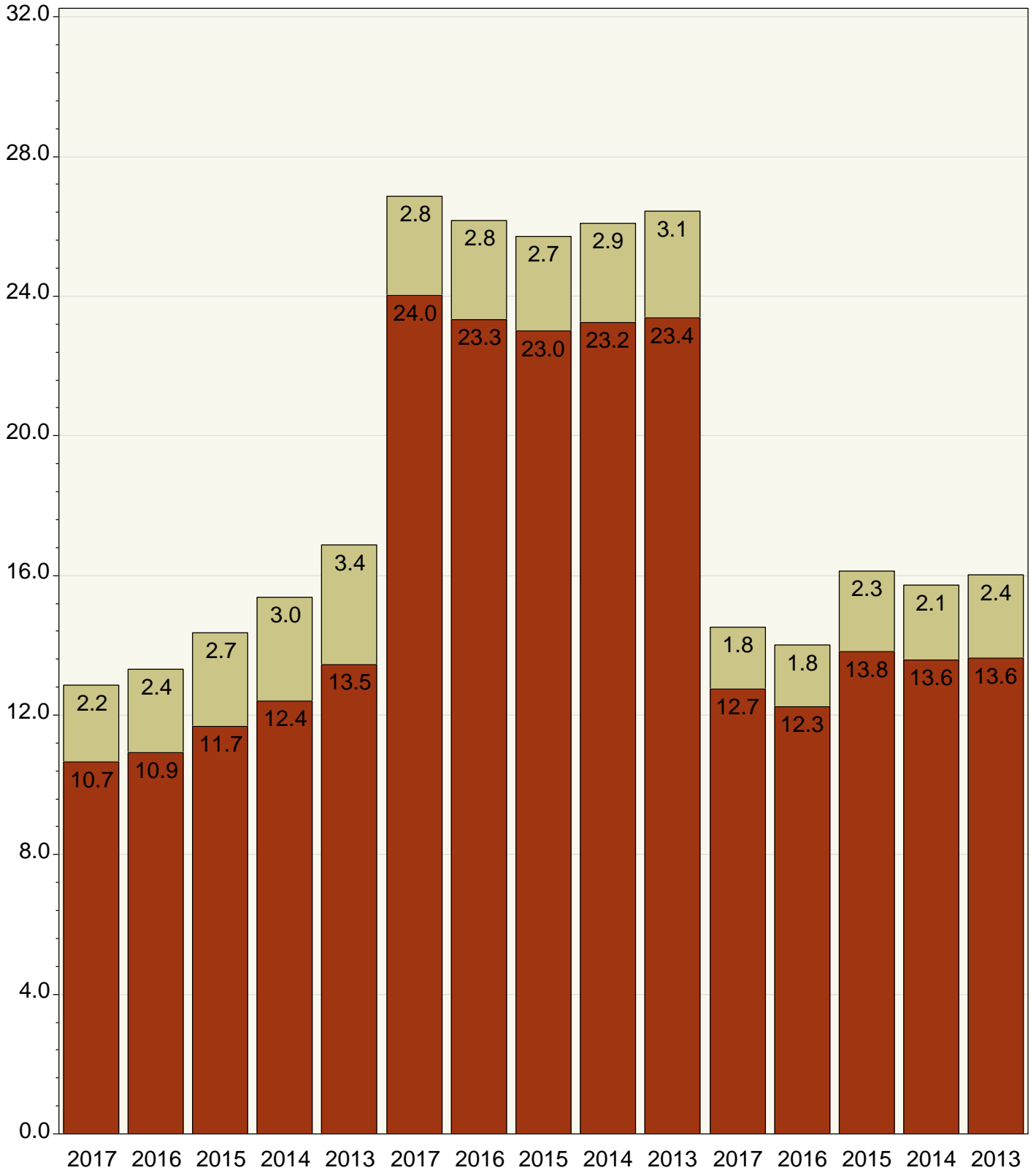
For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility that could be used for teaching the lecture portion of any course. If a room is used for regularly 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 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



Day
 Night

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2017	2016	2015	2014	2013
Public Institutions								
Research Universities I								
NC State	7,190.0	28.9	2.2	31.1	31.2	30.8	30.3	30.8
UNC-Chapel Hill	7,774.0	25.9	1.8	27.7	27.4	27.2	27.3	26.9
Subtotal	14,964.0	27.3	2.0	29.3	29.1	28.9	28.6	28.7
Doctoral Universities I and II								
East Carolina	5,303.0	26.0	1.7	27.7	27.5	26.1	27.0	27.1
NC A&T	3,667.0	21.0	3.4	24.4	23.1	22.6	24.9	24.1
UNC Charlotte	7,364.0	27.6	6.7	34.3	32.4	31.2	30.5	30.5
UNC Greensboro	4,532.5	26.5	4.0	30.5	29.3	28.0	28.2	30.0
Subtotal	20,866.5	25.5	4.1	29.6	28.6	27.4	27.9	28.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	6,185.5	26.5	2.2	28.7	29.3	28.9	30.2	30.3
Fayetteville	1,685.0	21.5	4.1	25.6	24.4	25.0	28.5	30.3
NC Central	2,558.5	14.7	2.1	16.8	16.5	16.1	17.6	18.9
UNC Pembroke	2,375.0	19.6	2.6	22.2	22.9	22.1	23.3	23.0
UNC Wilmington	4,533.5	27.6	3.5	31.1	26.6	27.0	26.8	26.7
Western Carolina	3,327.0	28.5	2.4	30.9	30.3	29.2	28.9	28.0
Winston-Salem	1,776.5	19.7	2.5	22.2	22.1	23.2	22.2	24.2
Subtotal	22,441.0	23.0	2.6	25.6	25.0	24.8	25.6	26.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	912.5	9.4	1.9	11.3	8.6	8.4	8.1	10.9
UNC Asheville	1,695.0	23.8	1.8	25.6	27.4	28.1	28.0	28.5
Subtotal	2,607.5	15.9	1.9	17.8	16.5	16.7	16.0	17.8
Schools of Art, Music, and Design								
UNC School of the Arts	517.0	10.5	0.3	10.8	10.7	11.6	10.6	11.3
Subtotal	517.0	10.5	0.3	10.8	10.7	11.6	10.6	11.3
Community Colleges								
Alamance	1,427.0	11.0	2.6	13.6	10.6	17.1	16.6	19.4
Asheville-Buncombe	1,236.5	9.1	1.5	10.6	10.5	12.1	14.8	18.8
Beaufort Co.	407.0	6.7	1.3	8.0	9.5	9.5	12.1	14.4
Bladen	376.0	10.1	0.9	11.0	12.3	14.0	12.5	18.0
Blue Ridge	963.5	7.1	1.9	9.0	12.9	14.0	14.7	16.3
Brunswick	1,508.0	15.7	2.2	17.9	17.4	17.1	15.4	18.9
Caldwell	1,346.5	10.5	1.5	12.0	12.1	12.4	11.0	14.8
Cape Fear	2,796.5	13.9	3.8	17.7	20.0	20.5	23.1	24.4
Carteret	786.0	8.5	3.8	12.3	13.4	13.0	11.7	14.8
Catawba Valley	1,290.0	10.8	1.4	12.2	11.5	11.7	13.5	16.4
Central Carolina	1,953.0	9.6	1.6	11.2	11.4	11.3	12.2	11.1
Central Piedmont	5,899.5	11.4	3.5	14.9	14.0	17.4	16.1	18.9
Cleveland	871.5	10.8	3.3	14.1	14.0	14.0	14.5	15.3
Coastal Carolina	1,913.5	15.6	3.2	18.8	17.6	19.3	18.3	20.2
Coll. of Albemarle	539.5	8.0	1.0	9.0	7.2	9.4	8.9	8.9
Craven	1,314.0	12.3	3.6	15.9	15.6	15.1	14.9	15.8
Davidson County	1,185.5	10.9	1.3	12.2	12.2	13.5	13.9	14.1
Durham	1,708.5	12.6	2.9	15.5	14.1	15.8	15.3	12.1
Edgecombe	828.5	8.9	2.1	11.0	12.1	14.7	16.1	13.5
Fayetteville	3,481.0	12.0	2.3	14.3	14.1	15.2	15.7	17.4
Forsyth	2,347.0	8.9	2.3	11.2	12.5	15.1	14.8	17.4
Gaston	1,491.5	9.2	2.2	11.4	13.8	13.2	11.3	13.1
Guilford	2,660.5	7.8	1.4	9.2	10.2	11.2	16.1	20.1
Halifax	381.5	7.0	1.0	8.0	9.2	10.8	14.7	16.3
Haywood	394.0	10.7	1.6	12.3	13.4	13.9	13.4	13.2
Isothermal	365.5	5.4	0.5	5.9	6.9	7.2	7.9	9.1
James Sprunt	436.0	9.0	1.4	10.4	12.0	12.2	14.7	15.7
Johnston	1,465.0	12.6	1.9	14.5	13.1	12.7	12.7	14.5
Lenoir	1,109.0	9.6	1.5	11.1	11.6	13.8	15.1	14.9

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2017	2016	2015	2014	2013
Martin	269.5	7.6	2.4	10.0	9.5	6.9	10.7	12.4
Mayland	431.5	7.4	1.6	9.0	9.3	10.6	12.4	12.5
McDowell	475.0	8.1	2.0	10.1	9.7	11.5	12.4	15.4
Mitchell	1,009.0	8.9	1.7	10.6	13.1	13.5	13.2	14.6
Montgomery	459.0	15.7	5.2	20.9	15.0	17.2	16.7	17.5
Nash	1,225.0	10.7	2.8	13.5	14.4	14.1	18.6	20.3
Pamlico	121.5	7.4	1.3	8.7	7.3	10.0	12.0	11.2
Piedmont	465.0	7.7	1.2	8.9	9.1	11.4	13.9	15.1
Pitt	2,108.5	17.7	3.8	21.5	24.4	25.8	27.3	28.0
Randolph	961.0	8.4	1.3	9.7	12.3	12.2	11.3	11.2
Richmond	733.5	12.6	2.3	14.9	14.9	14.4	17.9	21.0
Roanoke-Chowan	387.5	10.1	2.4	12.5	14.0	13.6	12.1	15.0
Robeson	918.5	16.5	2.6	19.1	16.6	17.2	19.1	20.1
Rockingham	629.5	13.3	1.7	15.0	15.5	15.3	16.4	16.5
Rowan-Cabarrus	2,049.0	10.9	3.0	13.9	16.6	15.8	23.9	24.2
Sampson	595.5	12.6	3.9	16.5	15.3	16.5	17.5	17.7
Sandhills	1,563.5	10.4	1.9	12.3	12.9	13.5	13.9	16.0
South Piedmont	729.5	9.6	2.2	11.8	12.7	14.2	14.3	12.9
Southeastern	350.0	5.2	0.9	6.1	7.9	8.1	9.8	10.3
Southwestern	731.5	12.3	0.7	13.0	13.3	15.9	19.0	17.6
Stanly	413.0	7.1	0.8	7.9	8.6	7.5	8.9	16.0
Surry	1,628.0	11.9	1.7	13.6	14.5	14.7	14.4	15.4
Tri-County	383.5	5.4	1.7	7.1	8.6	9.7	11.6	14.0
Vance-Granville	792.5	10.7	1.8	12.5	14.4	17.7	18.9	20.3
Wake	4,541.0	13.7	2.6	16.3	16.8	18.6	22.3	22.3
Wayne	1,077.0	16.4	2.2	18.6	18.5	17.2	19.0	17.0
Western Piedmont	837.0	11.4	1.7	13.1	12.9	13.8	12.8	16.1
Wilkes	1,265.0	11.1	1.6	12.7	11.7	12.1	15.6	16.0
Wilson	540.0	6.8	2.0	8.8	11.2	10.1	10.8	12.6
Subtotal	70,171.5	10.7	2.2	12.9	13.3	14.4	15.4	16.9
Private Institutions								
NC Private Universities								
Barton	538.0	11.9	1.6	13.5	15.3	16.0	15.8	17.4
Campbell	1,855.0	16.5	2.1	18.6	17.3	19.6	18.7	17.7
Mars Hill	998.5	10.4	1.7	12.1	11.1	14.9	14.1	16.0
Pfeiffer	487.5	9.5	1.6	11.1	11.4	11.1	12.2	11.8
Subtotal	3,879.0	12.7	1.8	14.5	14.0	16.1	15.7	16.0
Grand Total	135,446.5	14.5	2.4	16.9	17.0	17.8	18.5	19.8

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.

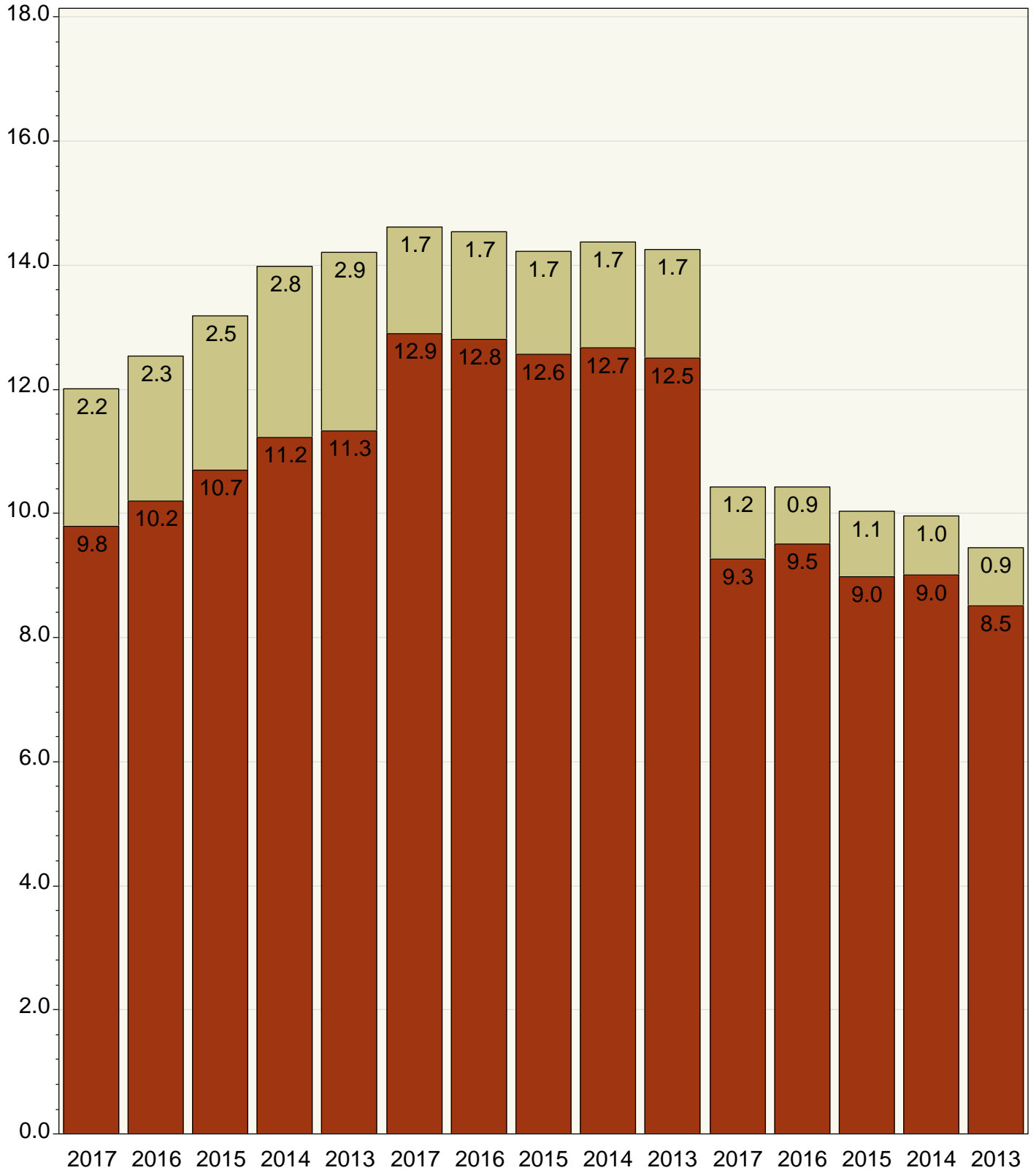
For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled 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 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				
				2017	2016	2015	2014	2013
Public Institutions								
Research Universities I								
NC State	3,330.0	12.1	1.3	13.4	13.6	13.3	12.7	12.4
UNC-Chapel Hill	1,018.0	8.4	1.0	9.4	9.9	11.2	11.7	11.5
Subtotal	4,348.0	11.0	1.2	12.2	12.5	12.7	12.5	12.2
Doctoral Universities I and II								
East Carolina	2,575.0	13.6	1.8	15.4	14.6	12.9	14.9	15.6
NC A&T	1,305.5	11.5	1.7	13.2	14.6	14.1	14.4	14.5
UNC Charlotte	2,700.5	15.9	3.0	18.9	17.3	19.0	16.8	15.6
UNC Greensboro	1,521.0	16.4	1.9	18.3	20.5	19.0	18.9	21.0
Subtotal	8,102.0	14.3	2.1	16.4	16.4	15.7	16.0	16.2
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,812.0	19.9	1.9	21.8	21.9	21.5	23.2	22.6
Fayetteville	614.5	10.8	1.3	12.1	11.7	12.6	11.2	12.2
NC Central	573.0	7.8	1.1	8.9	10.4	8.7	8.6	10.1
UNC Pembroke	460.5	13.8	1.0	14.8	16.4	17.6	17.5	17.1
UNC Wilmington	1,731.5	15.8	2.2	18.0	17.8	16.9	17.0	14.9
Western Carolina	1,406.0	14.9	2.1	17.0	16.6	15.0	14.9	14.0
Winston-Salem	484.0	8.3	0.9	9.2	9.1	11.3	10.7	9.8
Subtotal	8,081.5	14.3	1.6	15.9	16.1	15.7	15.8	15.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	405.5	5.2	0.9	6.1	4.6	4.6	6.2	8.2
UNC Asheville	368.5	11.2	3.5	14.7	12.6	14.6	15.1	13.5
Subtotal	774.0	6.8	1.6	8.4	6.8	7.1	8.5	10.0
Schools of Art, Music, and Design								
UNC School of the Arts	972.0	11.1	2.1	13.2	12.7	11.9	11.6	11.6
Subtotal	972.0	11.1	2.1	13.2	12.7	11.9	11.6	11.6
Community Colleges								
Alamance	602.5	7.4	1.5	8.9	14.5	15.5	16.7	16.6
Asheville-Buncombe	1,326.0	8.7	2.0	10.7	10.6	15.6	15.8	17.6
Beaufort Co.	241.0	5.9	1.2	7.1	8.8	9.7	10.4	10.5
Bladen	429.0	11.9	4.0	15.9	18.0	16.6	17.7	15.9
Blue Ridge	723.0	9.1	1.9	11.0	12.7	11.9	12.8	12.2
Brunswick	280.0	15.5	3.1	18.6	16.8	19.5	19.4	18.3
Caldwell	623.0	7.9	1.5	9.4	11.1	9.1	8.6	10.4
Cape Fear	2,261.0	13.7	2.5	16.2	20.4	20.8	23.8	20.9
Carteret	398.0	6.3	2.6	8.9	9.4	9.5	10.0	9.1
Catawba Valley	1,143.5	9.8	2.0	11.8	11.1	12.0	13.7	14.0
Central Carolina	1,015.5	8.3	1.6	9.9	10.7	10.0	8.5	8.8
Central Piedmont	2,039.0	8.8	2.7	11.5	12.2	14.9	14.6	13.9
Cleveland	701.0	8.1	2.8	10.9	10.3	11.0	11.0	12.4
Coastal Carolina	1,283.5	21.3	2.0	23.3	20.5	19.7	22.5	20.9
Coll. of Albemarle	419.5	6.0	1.5	7.5	7.3	7.5	7.8	7.3
Craven	599.0	10.9	3.4	14.3	12.1	14.7	14.9	13.0
Davidson County	530.0	8.2	1.1	9.3	9.7	10.7	10.7	10.2
Durham	944.5	9.0	3.1	12.1	12.1	10.6	11.7	9.0
Edgecombe	675.5	8.0	2.7	10.7	11.6	13.4	14.4	17.1
Fayetteville	1,997.0	9.4	1.9	11.3	13.4	14.9	13.4	15.0
Forsyth	1,622.0	9.3	1.8	11.1	11.5	13.2	16.1	17.0
Gaston	730.0	7.7	1.9	9.6	12.1	11.6	11.4	13.2
Guilford	1,201.5	5.5	1.0	6.5	7.4	6.7	10.0	11.1
Halifax	308.0	10.3	1.1	11.4	12.8	12.3	13.0	13.3
Haywood	811.5	10.1	2.0	12.1	11.2	13.4	12.7	12.7
Isothermal	401.5	7.1	1.8	8.9	7.8	9.8	10.0	12.2
James Sprunt	378.0	12.9	2.2	15.1	14.8	12.9	14.8	13.4
Johnston	480.5	8.9	2.2	11.1	10.3	9.9	10.4	11.9
Lenoir	691.0	7.7	2.1	9.8	9.8	10.8	12.2	10.8

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2017	2016	2015	2014	2013
Martin	396.5	14.3	1.6	15.9	15.1	8.9	15.4	16.4
Mayland	194.5	6.0	2.5	8.5	6.1	8.9	8.0	10.7
McDowell	410.0	11.1	5.3	16.4	14.5	17.0	16.1	21.4
Mitchell	508.5	10.0	3.4	13.4	13.3	11.5	10.9	12.8
Montgomery	340.0	14.9	3.9	18.8	19.3	21.0	22.4	22.7
Nash	504.5	8.5	3.2	11.7	14.3	11.2	16.7	16.9
Pamlico	213.5	9.6	2.9	12.5	12.2	10.0	13.2	11.0
Piedmont	372.0	10.7	2.6	13.3	13.4	16.0	17.8	19.7
Pitt	1,516.0	11.3	2.1	13.4	14.6	16.1	15.6	16.4
Randolph	542.0	7.7	2.4	10.1	9.5	10.0	8.8	10.6
Richmond	617.0	12.8	3.1	15.9	16.6	16.2	15.4	16.9
Roanoke-Chowan	289.0	10.3	2.8	13.1	12.5	16.0	16.0	17.3
Robeson	645.5	14.1	2.1	16.2	16.2	15.7	18.9	19.3
Rockingham	470.0	7.8	2.9	10.7	9.4	7.7	10.8	10.5
Rowan-Cabarrus	609.0	10.6	3.0	13.6	14.7	18.4	19.7	17.4
Sampson	308.5	10.5	2.9	13.4	12.3	13.3	12.5	12.6
Sandhills	544.0	8.6	0.6	9.2	8.9	10.5	9.8	9.9
South Piedmont	345.5	8.4	0.9	9.3	10.1	12.1	14.8	15.0
Southeastern	328.0	8.5	1.7	10.2	10.5	12.4	11.1	13.0
Southwestern	590.5	10.1	2.0	12.1	12.4	11.7	13.7	13.4
Stanly	366.0	12.5	2.2	14.7	13.3	4.8	11.6	15.6
Surry	655.5	11.6	2.1	13.7	13.9	13.2	13.2	13.5
Tri-County	369.5	9.3	3.9	13.2	12.7	15.3	13.2	15.4
Vance-Granville	902.5	10.8	3.1	13.9	14.7	14.6	17.8	14.8
Wake	3,622.0	13.1	3.0	16.1	16.9	17.8	18.7	17.3
Wayne	962.5	13.9	3.3	17.2	14.5	15.4	14.4	15.9
Western Piedmont	487.0	9.1	1.5	10.6	11.3	12.6	13.3	14.5
Wilkes	574.0	12.0	1.4	13.4	13.2	15.1	15.0	16.3
Wilson	452.5	10.6	2.7	13.3	16.8	16.9	18.3	17.1
Subtotal	42,991.5	9.8	2.2	12.0	12.5	13.2	14.0	14.2
Private Institutions								
NC Private Universities								
Barton	223.5	9.7	1.5	11.2	13.6	8.2	10.4	9.6
Campbell	537.0	11.1	2.4	13.5	12.0	14.3	13.0	13.1
Mars Hill	256.5	8.7	0.2	8.9	9.1	9.5	9.4	7.6
Pfeiffer	140.0	6.4	-	-	-	5.6	5.6	5.8
Subtotal	1,157.0	9.3	1.2	10.5	10.4	10.1	10.0	9.4
Grand Total	66,426.0	10.7	2.1	12.8	13.0	13.4	14.0	14.1

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.

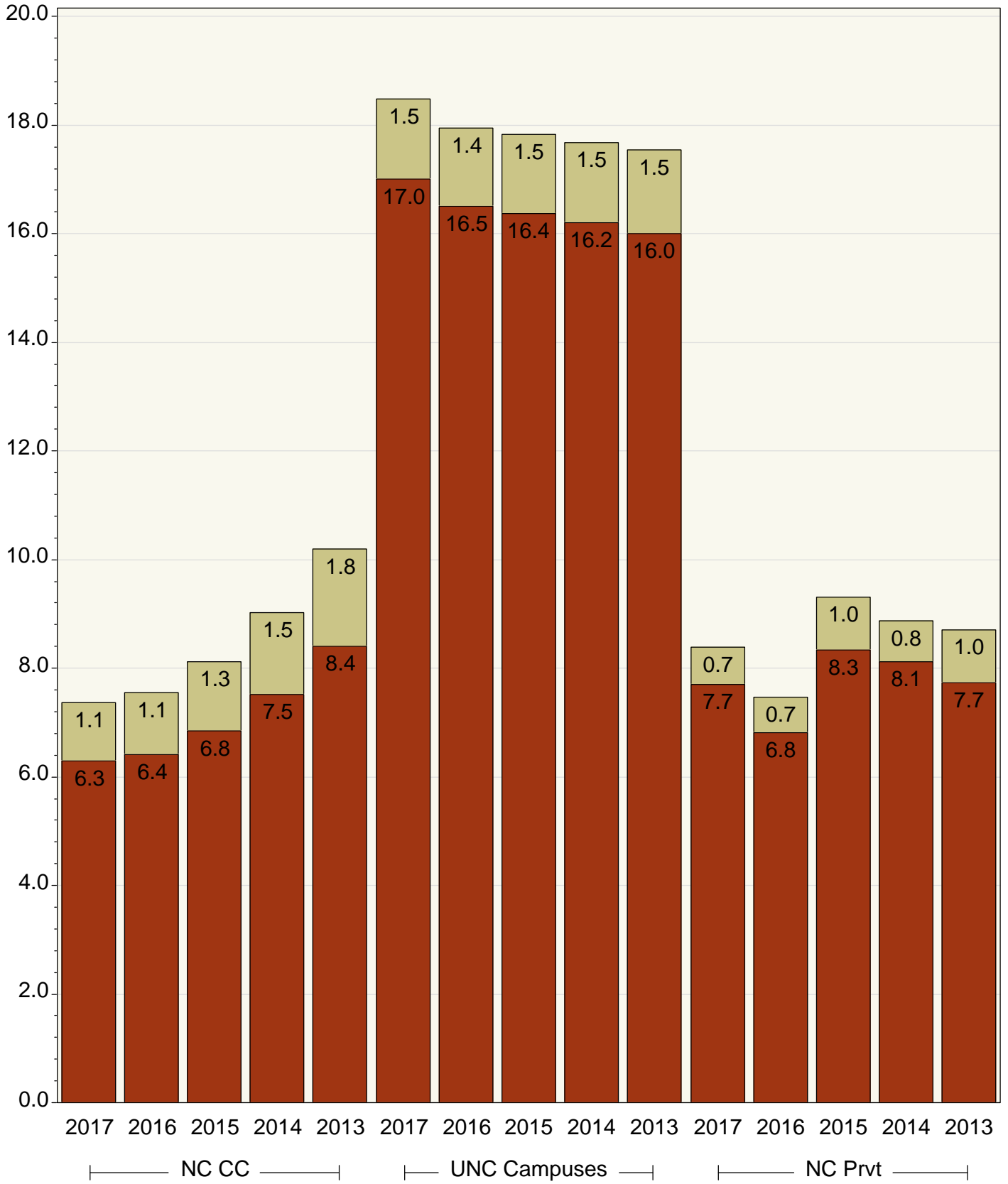
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 20 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table 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.

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				
					2017	2016	2015	2014	2013
Public Institutions									
Research Universities I									
NC State	14,431	286,312	18.9	1.0	19.9	19.6	19.9	19.9	20.2
UNC-Chapel Hill	14,586	270,606	17.7	0.9	18.6	18.4	18.6	18.7	18.0
Subtotal	29,017	556,917	18.3	0.9	19.2	19.0	19.3	19.2	19.1
Doctoral Universities I and II									
East Carolina	9,849	225,004	21.8	1.0	22.8	22.3	20.4	19.0	19.2
NC A&T	6,933	102,406	13.1	1.7	14.8	14.1	14.1	14.4	13.6
UNC Charlotte	12,161	296,532	20.6	3.8	24.4	22.2	22.4	21.5	21.6
UNC Greensboro	8,808	162,235	16.7	1.7	18.4	18.3	17.9	17.9	17.1
Subtotal	37,751	786,176	18.6	2.2	20.8	20.0	19.4	18.7	18.4
Master's (Comprehensive) Universities and Colleges I									
Appalachian	8,721	183,664	19.8	1.2	21.0	21.0	20.8	22.2	21.9
Fayetteville	2,633	36,716	12.5	1.5	14.0	14.9	15.1	16.5	17.2
NC Central	6,397	65,241	9.1	1.1	10.2	10.0	10.1	10.1	10.9
UNC Pembroke	3,662	50,483	12.8	1.0	13.8	14.4	14.4	14.3	14.4
UNC Wilmington	6,569	140,676	19.4	2.0	21.4	18.3	18.4	18.4	17.8
Western Carolina	4,584	96,702	19.8	1.2	21.0	21.0	20.2	20.2	20.4
Winston-Salem	3,289	43,457	12.3	1.0	13.3	13.2	12.5	11.5	11.1
Subtotal	35,855	616,938	15.9	1.3	17.2	16.8	16.7	16.9	16.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	2,998	12,819	3.7	0.5	4.2	3.5	3.9	4.0	5.1
UNC Asheville	2,355	37,479	15.0	1.0	16.0	16.1	17.5	17.1	17.4
Subtotal	5,353	50,298	8.7	0.7	9.4	8.7	9.5	9.1	9.6
Schools of Art, Music, and Design									
UNC School of the Arts	1,147	7,070	5.9	0.2	6.1	6.4	6.8	6.2	6.4
Subtotal	1,147	7,070	5.9	0.2	6.1	6.4	6.8	6.2	6.4
Community Colleges									
Alamance	3,221	25,237	6.5	1.4	7.9	6.1	9.4	9.8	11.1
Asheville-Buncombe	3,502	21,320	5.3	0.7	6.0	6.3	7.6	9.2	12.2
Beaufort Co.	2,103	7,020	2.8	0.5	3.3	2.9	3.4	4.7	6.5
Bladen	879	5,031	5.4	0.3	5.7	7.8	6.8	7.8	8.4
Blue Ridge	2,625	12,933	4.1	0.8	4.9	6.0	5.7	6.3	7.6
Brunswick	2,074	21,126	8.8	1.4	10.2	9.1	9.1	7.2	8.9
Caldwell	3,278	21,548	6.0	0.6	6.6	7.0	6.4	6.2	9.3
Cape Fear	4,876	52,366	8.6	2.1	10.7	11.5	12.4	13.9	14.9
Carteret	1,494	9,669	4.9	1.5	6.4	7.1	6.8	6.5	7.0
Catawba Valley	3,091	21,809	6.3	0.8	7.1	7.2	7.1	8.7	8.9
Central Carolina	4,999	29,584	5.2	0.7	5.9	5.9	6.7	7.8	6.6
Central Piedmont	11,866	131,915	8.7	2.4	11.1	10.3	12.2	11.5	13.5
Cleveland	1,931	10,941	4.7	1.0	5.7	5.4	4.9	5.5	6.8
Coastal Carolina	3,026	31,470	9.0	1.4	10.4	10.0	11.0	10.5	11.7
Coll. of Albemarle	1,507	8,860	5.3	0.6	5.9	4.9	5.7	6.0	5.7
Craven	1,943	21,702	8.7	2.4	11.1	10.3	10.1	10.6	13.7
Davidson County	2,962	21,385	6.7	0.5	7.2	7.4	7.6	8.7	10.0
Durham	3,233	35,067	8.9	1.9	10.8	9.8	9.6	9.5	8.7
Edgecombe	1,886	9,990	4.6	0.7	5.3	4.8	6.9	8.7	8.1
Fayetteville	9,854	56,398	4.9	0.8	5.7	5.8	6.5	6.9	8.2
Forsyth	6,018	46,306	6.2	1.5	7.7	8.4	9.3	9.2	10.7
Gaston	4,269	31,038	6.1	1.2	7.3	7.9	7.3	6.7	8.6
Guilford	8,635	53,819	5.4	0.8	6.2	7.5	8.0	12.6	14.8
Halifax	1,309	5,180	3.6	0.4	4.0	4.5	5.7	7.2	8.5
Haywood	800	5,566	6.5	0.5	7.0	5.8	6.3	6.8	6.7
Isothermal	2,008	5,762	2.7	0.2	2.9	3.2	4.2	3.4	4.5
James Sprunt	1,024	5,858	5.2	0.5	5.7	6.3	6.5	6.0	7.9
Johnston	3,152	27,085	7.7	0.9	8.6	7.8	7.5	7.5	9.6

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				
					2017	2016	2015	2014	2013
Lenoir	2,798	13,881	4.6	0.4	5.0	5.5	6.7	7.7	7.8
Martin	739	2,327	2.3	0.9	3.2	3.1	2.1	4.7	6.5
Mayland	1,239	4,664	2.9	0.9	3.8	4.0	4.6	6.1	7.1
McDowell	1,361	5,104	3.1	0.6	3.7	3.7	4.0	4.2	5.5
Mitchell	2,800	17,542	5.4	0.8	6.2	7.0	7.7	8.2	9.0
Montgomery	652	5,607	6.8	1.8	8.6	6.2	6.3	6.9	6.6
Nash	2,728	18,261	5.7	1.0	6.7	7.2	7.3	9.8	10.1
Pamlico	303	955	2.7	0.5	3.2	3.5	3.7	4.3	4.4
Piedmont	1,297	5,088	3.5	0.4	3.9	4.7	5.8	6.9	6.7
Pitt	3,330	38,950	10.2	1.5	11.7	13.2	14.9	16.4	18.7
Randolph	2,740	15,916	5.1	0.7	5.8	7.2	7.6	7.4	7.8
Richmond	1,684	10,799	5.7	0.7	6.4	6.6	7.5	8.4	10.4
Roanoke-Chowan	782	4,115	4.5	0.8	5.3	5.1	4.9	8.3	7.5
Robeson	1,374	15,293	9.6	1.6	11.2	10.6	11.6	11.7	14.1
Rockingham	1,331	11,097	7.8	0.6	8.4	7.5	8.0	9.3	10.3
Rowan-Cabarrus	3,951	31,547	6.7	1.3	8.0	9.1	8.4	12.9	14.3
Sampson	1,175	9,892	6.4	2.0	8.4	8.0	9.1	9.7	9.9
Sandhills	4,145	28,482	6.2	0.7	6.9	7.0	7.1	7.9	9.2
South Piedmont	1,550	12,539	6.5	1.6	8.1	7.7	8.3	9.3	8.6
Southeastern	2,133	6,916	2.8	0.4	3.2	3.0	3.7	3.7	4.2
Southwestern	1,384	10,378	7.1	0.4	7.5	7.5	10.1	11.1	9.5
Stanly	1,846	5,215	2.6	0.2	2.8	3.2	3.0	3.7	6.9
Surry	3,524	24,037	6.1	0.7	6.8	7.9	8.2	9.5	10.3
Tri-County	1,346	3,418	2.1	0.5	2.6	2.9	3.4	5.8	6.8
Vance-Granville	1,990	11,585	5.3	0.5	5.8	7.2	8.2	9.3	10.1
Wake	9,872	108,826	9.6	1.4	11.0	11.5	12.3	14.3	14.7
Wayne	1,840	20,199	10.0	0.9	10.9	10.1	9.6	10.9	10.9
Western Piedmont	2,182	11,737	4.8	0.6	5.4	5.4	5.4	5.5	8.4
Wilkes	3,205	17,659	5.2	0.3	5.5	5.3	5.6	7.4	8.4
Wilson	2,102	8,558	3.4	0.7	4.1	4.7	4.2	4.7	6.4
Subtotal	164,968	1,216,559	6.3	1.1	7.4	7.5	8.1	9.0	10.2
Private Institutions									
NC Private Universities									
Barton	1,678	8,575	4.6	0.5	5.1	7.0	6.7	6.6	6.9
Campbell	5,567	58,198	9.7	0.8	10.5	8.6	11.4	10.5	9.8
Mars Hill	2,369	15,846	6.1	0.6	6.7	6.4	8.6	8.5	9.1
Pfeiffer	1,249	8,344	6.1	0.6	6.7	5.4	6.0	6.2	6.4
Subtotal	10,863	90,962	7.7	0.7	8.4	7.4	9.3	8.9	8.7
Grand Total	284,954	3,324,919	10.5	1.2	11.7	11.5	11.9	12.4	13.1

TABLE 6:

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

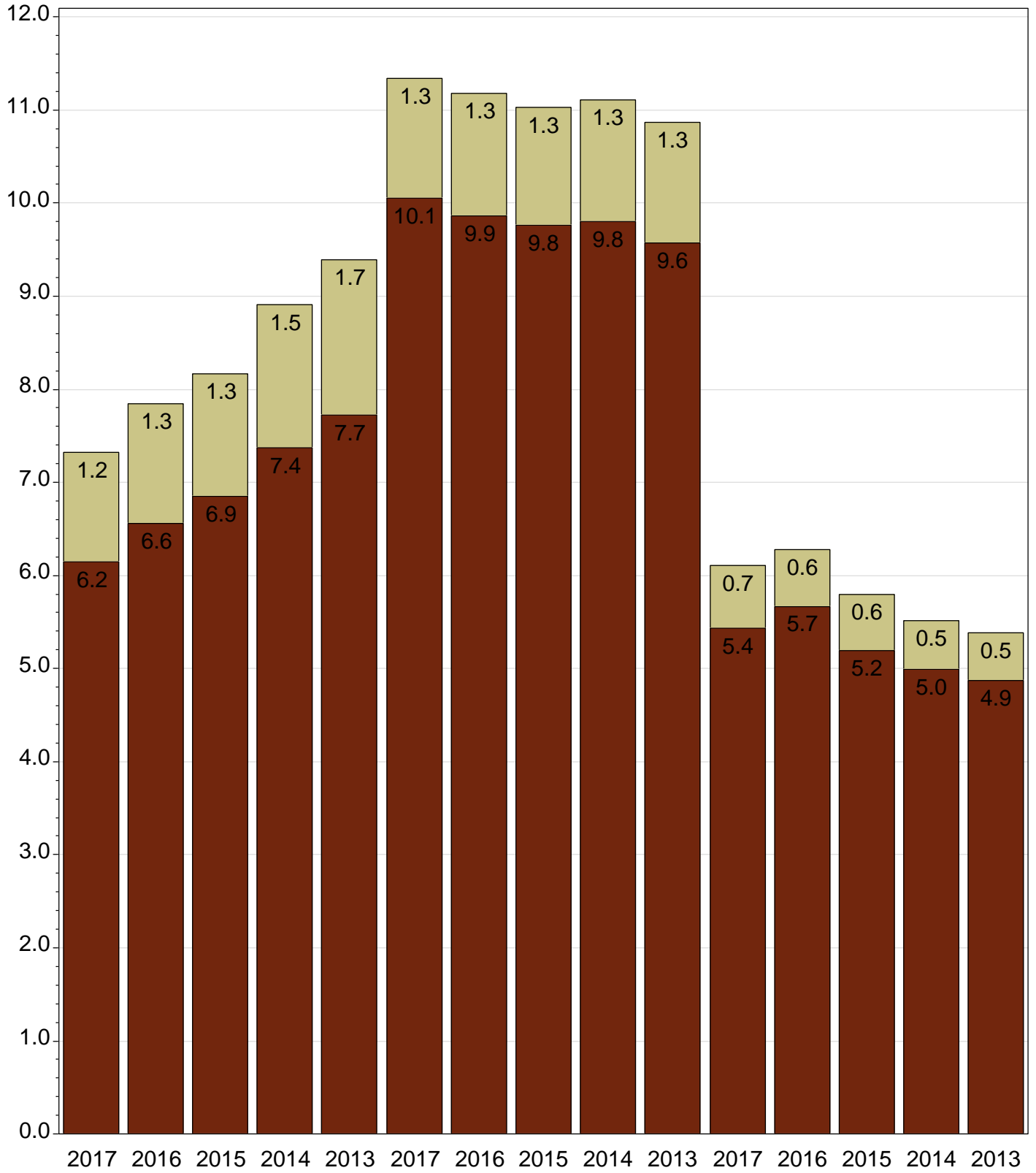
Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that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

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

Average Weekly Room Use of Student Stations In Laboratories



Day
 Night

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				
					2017	2016	2015	2014	2013
Public Institutions									
Research Universities I									
NC State	6,483	72,084	10.2	0.9	11.1	11.1	11.4	11.3	11.0
UNC-Chapel Hill	2,955	19,445	5.4	1.2	6.6	6.8	7.6	8.1	8.6
Subtotal	9,438	91,528	8.7	1.0	9.7	9.8	10.2	10.3	10.4
Doctoral Universities I and II									
East Carolina	4,456	50,544	10.0	1.4	11.4	11.3	10.2	10.4	10.9
NC A&T	2,370	25,991	9.8	1.2	11.0	11.2	11.4	11.4	11.1
UNC Charlotte	3,849	52,647	11.7	2.0	13.7	12.3	13.8	12.5	12.0
UNC Greensboro	2,420	31,783	11.8	1.3	13.1	12.8	11.8	13.0	12.6
Subtotal	13,095	160,965	10.8	1.5	12.3	11.9	11.7	11.7	11.5
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,899	52,735	16.5	1.7	18.2	18.3	17.8	19.0	18.4
Fayetteville	1,418	12,093	7.6	0.9	8.5	9.0	9.2	8.5	9.2
NC Central	1,387	12,102	7.8	0.9	8.7	10.9	8.6	8.1	9.3
UNC Pembroke	689	7,984	10.9	0.7	11.6	13.8	13.3	12.9	12.2
UNC Wilmington	2,189	34,574	14.1	1.7	15.8	13.7	13.1	13.0	10.7
Western Carolina	2,175	29,618	12.0	1.6	13.6	13.8	12.0	12.0	11.4
Winston-Salem	1,209	8,488	6.7	0.3	7.0	7.0	7.4	7.7	6.2
Subtotal	11,966	157,594	11.9	1.3	13.2	13.2	12.5	12.5	11.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,469	5,273	3.1	0.5	3.6	2.7	3.3	4.1	6.1
UNC Asheville	576	6,626	8.6	2.9	11.5	10.1	10.1	10.2	8.9
Subtotal	2,045	11,899	4.6	1.2	5.8	4.7	5.1	5.8	7.1
Schools of Art, Music, and Design									
UNC School of the Arts	1,915	14,179	6.2	1.2	7.4	7.4	8.1	8.2	7.7
Subtotal	1,915	14,179	6.2	1.2	7.4	7.4	8.1	8.2	7.7
Community Colleges									
Alamance	1,749	8,388	4.3	0.5	4.8	8.7	9.5	10.0	10.3
Asheville-Buncombe	3,205	20,141	5.2	1.1	6.3	6.7	9.3	9.2	10.8
Beaufort Co.	1,146	2,581	1.9	0.4	2.3	2.0	2.3	3.9	4.1
Bladen	635	5,903	7.5	1.8	9.3	11.4	8.3	10.3	8.2
Blue Ridge	1,285	7,181	4.8	0.8	5.6	6.3	5.3	6.0	5.5
Brunswick	373	3,742	8.8	1.2	10.0	9.8	11.4	13.3	13.5
Caldwell	1,464	8,990	5.4	0.7	6.1	7.1	6.5	5.5	7.6
Cape Fear	3,364	32,450	8.2	1.4	9.6	12.2	12.7	15.4	15.2
Carteret	1,024	5,304	3.8	1.4	5.2	6.0	5.5	6.5	6.2
Catawba Valley	2,019	15,360	6.5	1.1	7.6	7.4	7.9	8.9	9.6
Central Carolina	2,333	13,841	5.0	1.0	6.0	6.4	6.1	5.8	6.0
Central Piedmont	4,360	36,827	6.5	1.9	8.4	9.2	10.5	9.8	9.4
Cleveland	1,470	7,873	4.4	0.9	5.3	5.7	5.6	6.5	8.2
Coastal Carolina	1,418	18,412	12.3	0.7	13.0	12.4	11.8	14.9	13.9
Coll. of Albemarle	982	6,250	5.3	1.1	6.4	4.7	4.9	5.1	5.1
Craven	1,082	8,162	6.0	1.6	7.6	6.5	7.5	7.7	7.9
Davidson County	1,512	9,117	5.4	0.6	6.0	6.2	6.8	6.7	6.6
Durham	1,672	14,023	6.3	2.1	8.4	8.2	6.9	8.0	6.5
Edgecombe	1,327	7,403	4.5	1.0	5.5	5.3	7.4	8.1	12.0
Fayetteville	4,395	32,982	6.4	1.1	7.5	8.3	8.9	8.5	9.8
Forsyth	3,300	25,329	6.6	1.1	7.7	7.9	8.9	10.9	12.0
Gaston	1,693	11,694	5.9	1.0	6.9	6.9	6.4	6.8	7.8
Guilford	4,008	19,661	4.2	0.7	4.9	6.1	6.7	10.1	9.3
Halifax	586	3,497	5.6	0.4	6.0	9.2	8.9	7.2	8.3
Haywood	1,235	9,132	6.2	1.2	7.4	6.9	7.3	7.6	7.8
Isothermal	979	5,821	5.1	0.9	6.0	5.4	7.2	7.4	9.0
James Sprunt	367	4,146	9.8	1.5	11.3	13.1	10.4	7.1	7.7
Johnston	1,122	7,787	5.7	1.2	6.9	6.2	5.3	5.9	7.1

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				
					2017	2016	2015	2014	2013
Lenoir	1,742	7,776	3.8	0.7	4.5	4.4	5.6	6.3	6.2
Martin	578	4,134	6.7	0.5	7.2	8.5	3.1	8.1	10.3
Mayland	454	2,718	4.6	1.4	6.0	4.2	5.6	5.6	7.2
McDowell	693	4,082	4.4	1.5	5.9	6.5	7.9	7.0	10.1
Mitchell	927	7,329	6.0	1.9	7.9	7.7	7.3	7.3	8.2
Montgomery	341	3,510	8.3	2.0	10.3	9.2	10.2	10.0	11.1
Nash	947	5,359	4.2	1.5	5.7	7.3	5.6	10.0	11.1
Pamlico	314	1,300	3.2	0.9	4.1	4.9	3.9	3.3	3.8
Piedmont	772	4,546	4.8	1.1	5.9	5.6	7.1	7.8	8.8
Pitt	2,114	21,277	8.7	1.4	10.1	12.3	13.5	13.0	14.4
Randolph	1,298	6,819	4.1	1.1	5.2	5.4	5.8	5.9	6.1
Richmond	878	7,093	6.7	1.3	8.0	9.9	9.6	9.5	11.3
Roanoke-Chowan	451	2,654	4.5	1.4	5.9	5.5	6.4	8.5	8.5
Robeson	896	10,140	10.3	1.0	11.3	10.7	11.5	13.4	14.9
Rockingham	872	5,779	5.0	1.7	6.7	5.0	4.4	6.4	6.1
Rowan-Cabarrus	993	8,687	6.9	1.8	8.7	8.3	11.0	12.2	11.7
Sampson	504	3,913	6.6	1.2	7.8	7.6	8.6	9.8	11.8
Sandhills	1,284	8,185	5.9	0.5	6.4	6.1	6.4	7.2	6.4
South Piedmont	878	4,751	4.9	0.5	5.4	5.8	6.9	8.5	9.4
Southeastern	854	4,253	4.5	0.5	5.0	4.8	5.0	4.8	5.0
Southwestern	783	6,594	7.4	1.0	8.4	9.5	9.7	10.4	11.0
Stanly	866	3,584	3.7	0.5	4.2	4.5	1.3	3.6	4.5
Surry	1,240	9,193	6.5	1.0	7.5	7.5	7.4	8.7	9.8
Tri-County	586	3,646	4.3	1.9	6.2	6.8	8.3	8.5	12.3
Vance-Granville	1,737	12,093	5.8	1.1	6.9	7.4	7.0	8.3	8.6
Wake	4,882	60,908	10.4	2.1	12.5	13.9	14.5	15.2	14.5
Wayne	1,495	13,907	7.8	1.5	9.3	8.6	9.7	9.0	10.6
Western Piedmont	940	6,645	6.2	0.9	7.1	7.4	7.7	8.2	8.8
Wilkes	1,143	6,709	5.5	0.4	5.9	6.0	5.8	6.2	7.2
Wilson	920	4,243	3.7	0.9	4.6	7.4	7.3	8.9	8.9
Subtotal	82,487	603,809	6.1	1.2	7.3	7.9	8.1	8.9	9.4
Private Institutions									
NC Private Universities									
Barton	475	3,938	7.3	0.9	8.2	12.2	5.9	7.2	7.6
Campbell	1,431	9,299	5.4	1.1	6.5	5.5	6.1	5.3	5.3
Mars Hill	762	3,408	4.4	0.1	4.5	4.9	5.4	5.1	4.3
Pfeiffer	426	2,269	5.3	-	-	-	5.5	5.0	5.0
Subtotal	3,094	18,914	5.4	0.7	6.1	6.3	5.8	5.5	5.4
Grand Total	124,040	1,058,886	7.3	1.2	8.5	8.9	9.0	9.5	9.7

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 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 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%.

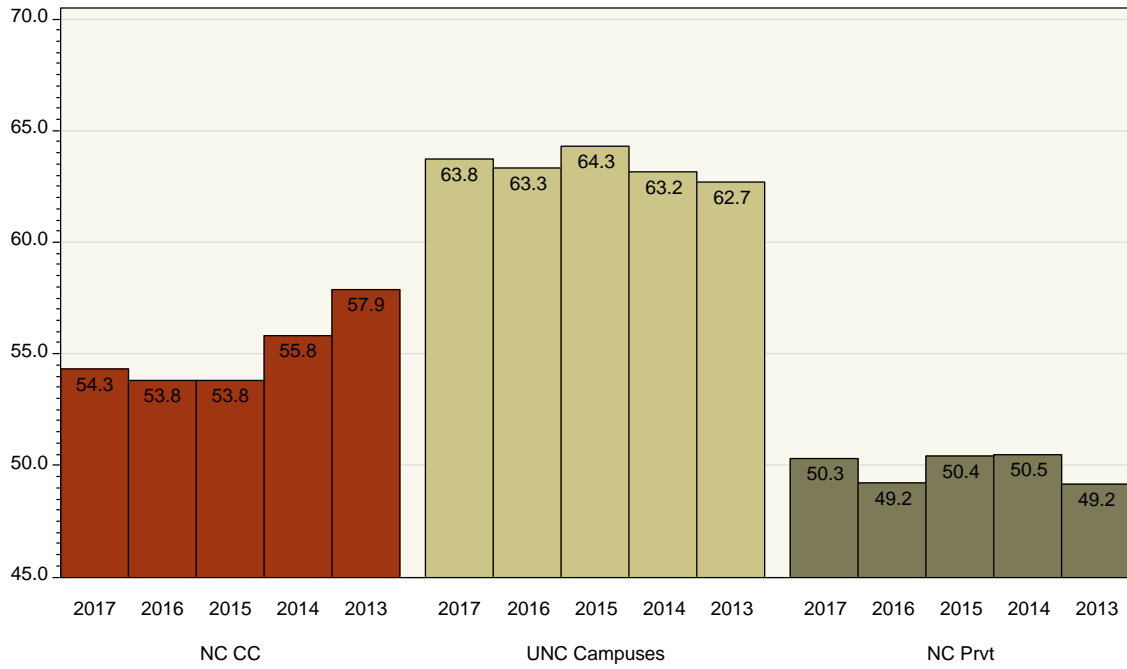
PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS)

=

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

Percent of Student Station Utilization Classrooms and Class Laboratories

In Classrooms



In Laboratories

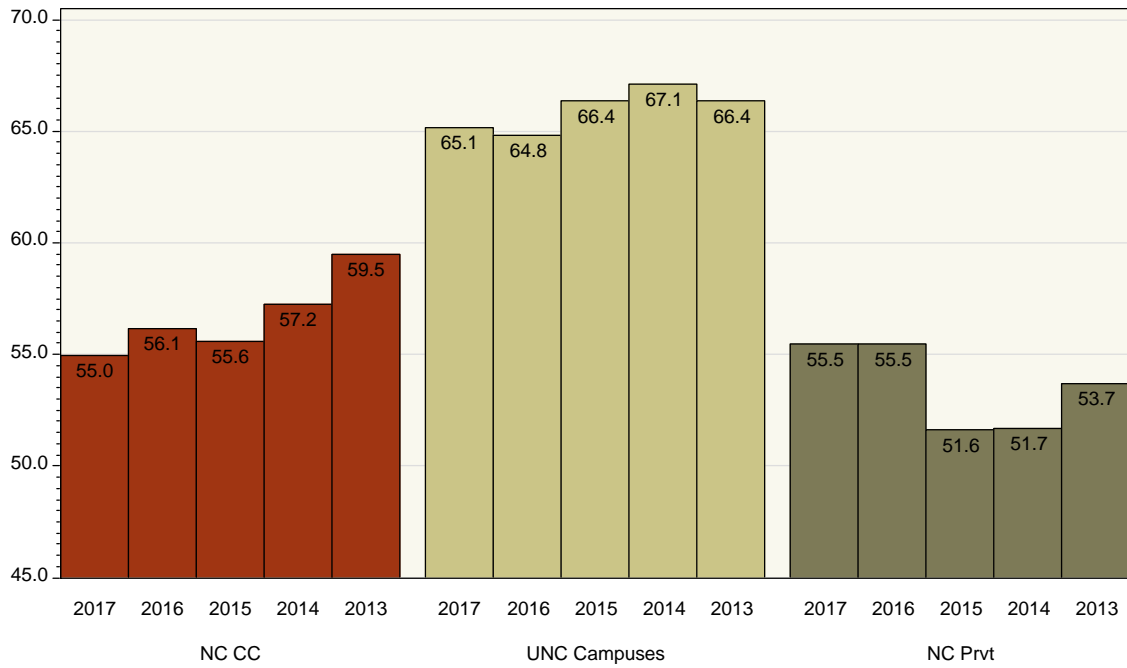


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013
Public Institutions										
Research Universities I										
NC State	63.3	62.7	63.8	65.2	64.5	73.8	71.6	75.9	77.7	76.6
UNC-Chapel Hill	65.5	64.6	66.7	64.9	66.0	51.2	49.6	52.5	57.7	65.3
Subtotal	64.3	63.6	65.1	65.1	65.2	67.5	65.4	68.8	71.7	73.9
Doctoral Universities I and II										
East Carolina	72.6	72.3	70.0	64.3	63.8	59.5	62.7	62.1	56.6	56.7
NC A&T	55.3	54.2	56.9	56.0	54.7	71.6	70.6	73.8	72.8	69.2
UNC Charlotte	66.5	65.1	67.8	65.9	67.9	60.9	62.4	64.6	67.0	67.6
UNC Greensboro	61.6	63.3	64.4	64.3	58.2	61.5	52.7	58.2	68.4	60.6
Subtotal	65.3	65.0	66.0	63.6	62.5	62.1	61.2	63.7	64.6	62.9
Master's (Comprehensive) Universities and Colleges I										
Appalachian	69.3	67.6	68.4	69.5	68.9	77.4	76.8	77.0	76.5	75.6
Fayetteville	52.5	57.5	57.2	55.6	54.5	61.2	65.6	65.3	63.7	61.2
NC Central	51.1	51.4	53.7	51.9	51.2	82.8	83.9	80.5	66.7	74.0
UNC Pembroke	59.5	59.7	62.3	59.2	59.9	66.9	74.7	68.0	65.4	65.0
UNC Wilmington	65.4	63.7	64.4	63.3	63.6	75.7	72.1	70.7	69.6	66.0
Western Carolina	66.8	67.1	67.6	68.0	70.6	63.7	65.4	62.7	63.9	64.7
Winston-Salem	57.9	57.3	50.1	48.3	45.0	57.7	58.7	46.5	53.3	49.9
Subtotal	62.8	62.4	62.7	62.1	61.6	71.2	71.9	69.0	68.3	67.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	35.3	38.3	40.6	41.8	44.1	38.4	43.2	52.2	48.3	54.0
UNC Asheville	60.4	57.5	60.3	59.8	61.0	66.0	60.0	59.3	60.0	61.3
Subtotal	51.2	51.4	54.0	53.6	54.1	50.1	51.3	55.7	53.2	57.0
Schools of Art, Music, and Design										
UNC School of the Arts	50.7	53.2	56.3	53.4	52.2	48.0	48.1	61.6	65.4	61.9
Subtotal	50.7	53.2	56.3	53.4	52.2	48.0	48.1	61.6	65.4	61.9
Community Colleges										
Alamance	50.6	45.6	48.4	51.4	50.5	51.5	54.4	55.2	53.8	55.3
Asheville-Buncombe	59.8	62.6	63.3	65.5	66.5	47.0	51.1	51.9	49.9	54.3
Beaufort Co.	39.4	30.9	32.5	35.6	40.1	27.7	21.6	23.3	35.2	38.2
Bladen	46.4	55.8	44.7	56.9	46.3	56.6	60.9	47.7	54.8	47.3
Blue Ridge	51.3	46.0	41.1	42.3	46.2	42.3	44.1	41.6	43.5	40.5
Brunswick	54.1	51.5	48.9	50.2	42.2	53.8	56.9	57.7	67.6	70.4
Caldwell	53.3	56.2	51.6	57.0	62.0	55.5	54.7	56.9	53.6	59.0
Cape Fear	59.7	57.3	58.5	58.8	60.0	57.7	57.5	58.2	62.8	67.8
Carteret	50.7	48.0	46.7	48.6	46.5	51.3	55.6	52.6	53.6	56.0
Catawba Valley	55.8	59.2	57.9	61.9	52.3	62.4	64.6	62.5	61.1	66.7
Central Carolina	50.4	49.3	54.5	57.8	53.2	53.6	52.5	54.2	62.3	61.4
Central Piedmont	70.9	69.2	68.1	69.1	70.7	70.4	69.9	68.6	62.3	63.6
Cleveland	40.8	38.8	35.1	38.7	44.4	42.1	42.9	39.6	45.2	51.3
Coastal Carolina	51.4	53.1	54.4	55.1	55.7	52.3	58.2	57.5	64.1	63.9
Coll. of Albemarle	64.4	59.5	56.1	59.2	54.2	71.6	63.6	55.5	56.2	60.2
Craven	67.2	63.0	63.2	65.8	79.4	53.3	53.8	51.4	51.5	58.8
Davidson County	51.0	49.8	49.5	54.6	61.0	54.7	56.5	56.4	53.9	56.3
Durham	63.4	59.5	55.0	54.7	67.8	60.1	58.9	54.6	56.3	60.5
Edgecombe	42.2	35.6	44.5	48.9	53.1	44.0	38.2	45.5	46.1	57.5
Fayetteville	39.7	40.0	41.4	42.1	45.2	62.5	58.3	57.1	61.1	61.6
Forsyth	62.2	62.0	57.0	57.3	57.4	61.6	60.2	62.0	63.7	66.0
Gaston	62.4	57.3	57.0	59.9	66.2	68.5	53.8	53.5	57.2	56.2
Guilford	61.3	66.8	63.2	73.9	71.4	56.2	62.7	69.6	76.9	66.3
Halifax	45.1	44.8	45.9	44.0	46.9	43.6	61.9	63.8	44.7	50.4
Haywood	49.6	47.3	45.4	53.1	52.1	50.9	52.6	45.3	49.7	50.4
Isothermal	42.1	43.1	51.4	39.5	43.2	61.5	63.8	60.0	60.0	65.7
James Sprunt	51.0	48.9	51.7	36.8	46.4	60.8	73.0	67.4	43.6	53.4
Johnston	52.9	53.6	51.6	52.8	59.7	58.9	56.6	51.9	53.1	56.9
Lenoir	45.6	49.7	49.0	52.3	55.7	39.7	39.9	45.4	46.1	52.4
Martin	34.4	39.3	32.9	43.3	52.8	38.5	48.6	30.9	44.6	54.1

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

Institution	Classrooms					Laboratories				
	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013
Mayland	43.0	44.1	43.5	49.7	59.0	58.0	60.0	54.5	56.9	56.1
McDowell	35.6	33.3	34.6	32.8	38.8	34.7	42.0	41.7	39.4	43.9
Mitchell	54.0	50.0	52.2	56.9	56.7	58.5	56.9	59.2	61.0	60.8
Montgomery	44.1	45.9	38.2	43.1	38.0	57.0	55.3	53.4	48.4	52.2
Nash	46.8	47.2	51.3	49.1	52.1	42.9	46.3	42.8	57.9	60.6
Pamlico	33.2	47.3	33.6	34.3	36.2	32.7	37.6	35.6	26.6	30.9
Piedmont	36.7	44.2	43.9	43.8	38.5	40.0	38.4	38.6	40.9	40.1
Pitt	53.8	52.1	56.7	59.4	65.7	65.9	69.5	69.2	69.3	71.5
Randolph	49.9	52.2	52.9	55.6	59.5	44.8	48.4	52.5	61.8	51.6
Richmond	40.5	43.4	46.7	41.8	45.6	49.8	56.3	54.7	55.6	59.5
Roanoke-Chowan	41.2	37.5	35.6	64.8	46.9	43.6	38.8	35.2	51.5	47.2
Robeson	57.9	64.1	66.4	60.2	66.7	70.6	65.3	71.7	70.3	73.9
Rockingham	53.0	48.5	48.4	53.4	58.9	56.1	43.3	45.0	48.9	47.5
Rowan-Cabarrus	57.9	53.1	53.6	54.5	59.6	63.1	55.1	55.9	58.5	63.9
Sampson	50.3	55.4	57.1	58.5	59.2	55.4	58.4	62.3	76.8	88.0
Sandhills	53.3	51.7	50.5	53.3	55.9	60.5	58.9	53.9	63.3	55.1
South Piedmont	64.4	56.5	55.0	59.2	63.4	56.1	53.4	53.2	51.1	56.5
Southeastern	47.3	35.9	38.7	36.9	38.5	44.0	41.9	37.9	39.4	36.5
Southwestern	55.8	54.3	62.6	56.4	52.0	60.6	65.9	69.7	64.1	67.0
Stanly	36.9	37.4	43.2	39.6	45.5	28.3	34.5	17.7	25.6	29.9
Surry	49.4	52.7	54.1	67.0	65.7	50.3	50.7	52.1	67.6	71.9
Tri-County	33.4	34.1	33.9	46.9	45.9	41.2	47.8	48.3	55.5	73.1
Vance-Granville	44.8	48.9	47.1	48.5	49.8	47.3	49.7	45.9	45.4	55.1
Wake	64.9	65.6	65.3	64.5	67.1	66.2	70.2	71.2	71.7	73.7
Wayne	55.3	51.4	52.0	53.3	59.8	49.0	53.9	57.6	52.1	57.8
Western Piedmont	44.0	42.1	39.9	43.9	53.8	61.4	60.8	54.4	55.8	59.4
Wilkes	41.6	42.9	42.2	45.5	49.5	42.6	43.0	37.0	38.8	41.7
Wilson	47.0	44.7	44.5	48.4	53.9	34.3	41.0	40.2	45.9	52.4
Subtotal	54.3	53.8	53.8	55.8	57.9	55.0	56.1	55.6	57.2	59.5
Private Institutions										
NC Private Universities										
Barton	35.3	40.9	39.3	38.4	37.4	66.0	73.7	62.1	56.8	63.0
Campbell	53.0	51.2	53.1	53.5	51.8	57.2	48.4	47.8	48.9	48.5
Mars Hill	53.4	57.0	53.6	54.1	54.2	39.2	46.2	44.5	44.0	47.5
Pfeiffer	48.5	41.8	46.6	47.2	46.9	71.3	70.1	79.1	79.5	77.0
Subtotal	50.3	49.2	50.4	50.5	49.2	55.5	55.5	51.6	51.7	53.7
Grand Total	59.5	59.0	59.3	59.5	60.1	58.8	59.3	59.2	60.4	61.6

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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:

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

Table 8. Student Clock Hours of Instruction

Institution	2017			2016			2015		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Public Institutions									
Research Universities I									
NC State	286,311.5	72,083.5	17,520.0	281,459.0	71,897.0	20,442.0	286,282.5	74,974.0	20,513.0
UNC-Chapel Hill	270,605.5	19,444.5	9,715.5	268,749.0	19,769.0	9,893.0	265,679.0	22,468.5	10,242.0
Subtotal	556,917.0	91,528.0	27,235.5	550,208.0	91,666.0	30,335.0	551,961.5	97,442.5	30,755.0
Doctoral Universities I and II									
East Carolina	225,004.0	50,544.0	15,153.5	223,449.5	50,094.5	14,872.0	207,716.0	43,837.0	17,078.5
NC A&T	102,405.5	25,991.0	21,959.0	95,950.0	23,769.0	20,235.5	96,204.0	24,185.0	16,526.0
UNC Charlotte	296,532.0	52,646.5	4,985.5	297,993.0	48,090.5	5,645.0	292,068.0	44,645.5	7,444.5
UNC Greensboro	162,234.5	31,783.0	11,197.0	160,505.5	32,685.5	10,085.5	154,196.5	29,999.0	9,040.5
Subtotal	786,176.0	160,964.5	53,295.0	777,898.0	154,639.5	50,838.0	750,184.5	142,666.5	50,089.5
Master's (Comprehensive) Universities and Colleges I									
Appalachian	183,664.0	52,735.0	28,074.5	179,735.5	52,795.5	29,365.5	178,329.5	51,256.5	31,360.0
Fayetteville	36,716.0	12,093.0	3,285.5	38,826.0	12,700.0	4,837.0	39,169.5	13,289.5	4,838.0
NC Central	65,240.5	12,101.5	13,184.5	63,607.5	15,142.0	14,514.5	64,044.5	11,526.0	16,025.0
UNC Pembroke	50,482.5	7,984.0	2,352.0	52,586.0	9,472.0	2,460.5	53,059.5	9,175.0	2,100.0
UNC Wilmington	140,676.0	34,574.0	5,756.5	145,812.0	33,218.0	2,874.5	140,077.5	31,964.5	4,211.5
Western Carolina	96,702.0	29,618.0	13,325.5	97,245.5	28,660.0	11,214.0	93,692.0	24,834.5	10,759.0
Winston-Salem	43,457.0	8,488.0	9,624.0	43,383.5	8,485.0	9,835.5	41,184.5	8,977.5	7,759.0
Subtotal	616,938.0	157,593.5	75,602.5	621,196.0	160,472.5	75,101.5	609,557.0	151,023.5	77,052.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	12,819.0	5,272.5	553.5	11,497.5	4,564.0	800.5	12,649.5	5,460.0	973.5
UNC Asheville	37,479.0	6,626.0	9,107.0	37,025.0	5,883.5	10,027.0	39,622.0	5,827.0	15,233.0
Subtotal	50,298.0	11,898.5	9,660.5	48,522.5	10,447.5	10,827.5	52,271.5	11,287.0	16,206.5
Schools of Art, Music, and Design									
UNC School of the Arts	7,069.5	14,178.5	10,468.5	7,187.0	13,995.0	10,846.0	7,872.5	13,007.0	10,553.0
Subtotal	7,069.5	14,178.5	10,468.5	7,187.0	13,995.0	10,846.0	7,872.5	13,007.0	10,553.0
Community Colleges									
Alamance	25,237.0	8,388.0	162.0	18,892.0	11,558.5	114.0	28,979.0	12,731.0	-
Asheville-Buncombe	21,319.5	20,140.5	898.0	26,860.0	23,970.0	1,147.5	26,770.5	27,889.0	1,033.0
Beaufort Co.	7,020.0	2,580.5	631.0	6,982.5	2,515.5	868.5	8,062.0	3,061.0	662.0
Bladen	5,031.0	5,903.0	204.0	7,553.5	7,262.0	131.0	6,609.5	5,287.0	98.0
Blue Ridge	12,932.5	7,181.0	967.0	13,055.0	8,096.5	2,280.5	11,377.5	6,325.5	1,020.0
Brunswick	21,126.0	3,742.0	652.0	18,842.0	3,640.5	741.0	18,583.5	4,264.5	1,799.0
Caldwell	21,547.5	8,989.5	1,882.5	23,182.0	10,464.0	1,033.0	21,193.0	9,418.0	1,263.5
Cape Fear	52,366.0	32,449.5	5,149.0	51,828.5	37,123.5	5,710.5	56,229.5	38,238.5	5,167.5
Carteret	9,668.5	5,304.0	449.5	10,569.0	6,147.0	436.5	10,023.0	5,623.0	454.0
Catawba Valley	21,809.0	15,359.5	2,103.0	20,759.5	14,333.0	2,295.0	20,256.5	15,205.5	2,752.0
Central Carolina	29,584.0	13,841.0	2,415.5	29,592.5	15,241.0	1,447.0	31,978.0	14,243.5	2,083.0
Central Piedmont	131,915.0	36,826.5	5,477.5	134,213.5	41,537.5	6,162.0	151,364.0	46,612.5	7,482.0
Cleveland	10,941.0	7,873.0	357.0	10,476.0	8,032.0	111.0	10,650.5	7,991.0	337.0
Coastal Carolina	31,469.5	18,412.0	704.0	30,724.5	17,539.5	809.0	32,076.5	16,734.5	959.5
Coll. of Albemarle	8,859.5	6,250.0	605.5	8,568.0	5,855.5	1,215.5	10,279.0	6,238.0	1,969.0
Craven	21,701.5	8,161.5	878.5	19,855.0	7,050.0	832.0	19,499.5	8,044.0	1,649.0
Davidson County	21,384.5	9,117.0	990.5	21,831.0	9,377.0	435.0	21,763.0	10,313.5	1,751.0
Durham	35,066.5	14,022.5	454.5	32,370.0	13,859.0	340.0	35,644.5	13,131.0	427.0
Edgecombe	9,989.5	7,403.0	1,261.5	9,050.5	7,009.0	3,428.0	12,272.0	6,282.0	1,244.5
Fayetteville	56,398.0	32,981.5	3,858.0	55,455.5	34,604.5	3,505.0	59,014.5	36,209.0	2,719.5
Forsyth	46,306.0	25,329.0	778.5	52,161.0	25,710.0	2,591.5	57,038.0	26,993.5	3,327.5
Gaston	31,038.0	11,694.0	2,470.5	36,534.5	11,905.5	4,478.5	33,204.0	11,121.5	2,316.0
Guilford	53,819.0	19,660.5	3,245.0	65,217.5	23,861.5	4,250.0	69,098.0	25,937.0	2,764.5
Halifax	5,180.0	3,497.0	968.0	5,925.0	5,376.0	1,215.5	7,476.0	5,219.0	1,216.5
Haywood	5,565.5	9,131.5	1,339.5	6,876.0	7,869.0	985.0	8,438.0	9,318.5	706.5
Isothermal	5,762.0	5,820.5	1,376.0	6,672.0	5,397.0	1,637.5	8,479.0	7,125.0	2,261.0
James Sprunt	5,858.0	4,146.0	2,013.5	6,461.5	4,732.0	1,514.0	6,328.0	3,501.5	2,441.0
Johnston	27,085.0	7,787.0	1,858.5	28,249.5	7,370.0	5,768.0	26,075.5	6,576.5	3,637.5
Lenoir	13,880.5	7,776.0	3,382.0	15,534.0	7,429.5	2,362.0	18,930.5	9,524.5	2,980.0
Martin	2,327.0	4,133.5	5,016.0	2,295.5	4,890.5	4,176.5	1,565.5	1,813.5	1,956.5
Mayland	4,664.0	2,717.5	494.5	4,917.0	1,931.0	521.0	5,625.0	2,557.0	521.0

Table 8. Student Clock Hours of Instruction

Institution	2017			2016			2015		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
McDowell	5,103.5	4,081.5	1,097.0	4,636.5	4,930.5	1,274.0	4,934.0	6,174.0	399.0
Mitchell	17,542.0	7,328.5	2,401.0	19,642.5	6,795.0	4,580.5	21,796.5	6,894.5	4,086.0
Montgomery	5,607.0	3,510.0	637.0	5,202.5	3,525.0	157.0	5,079.5	3,123.5	712.0
Nash	18,260.5	5,358.5	3,751.5	19,636.0	6,734.0	3,294.0	20,421.0	5,114.0	1,441.0
Pamlico	954.5	1,300.0	140.0	1,057.0	1,543.0	324.0	1,139.0	1,235.0	350.0
Piedmont	5,088.0	4,546.0	1,338.0	6,128.0	4,381.5	2,902.5	7,526.0	5,487.0	1,247.0
Pitt	38,949.5	21,276.5	2,966.5	41,828.5	21,855.0	3,266.0	47,072.0	22,901.5	2,164.5
Randolph	15,916.0	6,819.0	847.0	19,286.0	6,344.0	692.0	19,879.0	7,338.5	1,768.5
Richmond	10,799.0	7,092.5	497.5	10,911.5	8,703.5	322.0	13,175.0	8,135.5	1,218.0
Roanoke-Chowan	4,114.5	2,653.5	537.0	4,034.0	2,496.5	397.5	3,598.0	2,899.0	822.0
Robeson	15,292.5	10,139.5	426.5	13,502.5	12,097.5	-	15,339.0	13,050.0	-
Rockingham	11,097.0	5,779.0	2,108.0	9,925.5	4,352.5	1,203.0	9,733.0	4,678.0	694.0
Rowan-Cabarrus	31,546.5	8,686.5	1,712.0	37,991.5	8,781.5	2,342.5	31,430.5	18,134.0	4,422.0
Sampson	9,891.5	3,912.5	905.0	11,033.5	4,467.0	1,406.0	12,455.0	5,047.5	645.0
Sandhills	28,481.5	8,185.0	1,201.5	28,741.5	7,806.5	1,278.5	29,227.5	8,163.5	662.0
South Piedmont	12,539.0	4,750.5	1,089.0	12,147.0	4,999.0	1,291.0	12,721.0	6,068.5	1,379.0
Southeastern	6,915.5	4,253.0	2,637.0	6,444.0	4,049.5	2,725.5	8,006.5	4,371.0	2,042.5
Southwestern	10,378.0	6,594.0	1,686.5	10,400.5	7,411.0	1,720.0	13,916.0	7,796.5	1,822.0
Stanly	5,215.0	3,583.5	1,256.0	5,825.5	3,606.5	108.0	5,734.5	1,386.5	191.0
Surry	24,036.5	9,193.0	4,217.0	27,534.5	9,366.5	6,320.0	25,806.5	9,084.5	6,459.0
Tri-County	3,417.5	3,646.0	717.0	3,891.0	4,031.5	213.5	4,238.0	4,855.5	616.0
Vance-Granville	11,585.0	12,092.5	1,903.0	14,495.5	13,182.5	2,527.0	16,680.5	11,792.5	1,825.0
Wake	108,825.5	60,907.5	6,072.0	112,690.0	64,571.0	4,820.5	116,563.5	58,028.0	7,518.5
Wayne	20,199.0	13,906.5	293.0	17,766.5	13,451.5	857.5	17,132.0	14,913.0	280.0
Western Piedmont	11,736.5	6,644.5	2,830.0	10,988.0	7,010.5	2,300.0	11,566.0	7,164.0	2,141.0
Wilkes	17,659.0	6,708.5	846.5	17,448.0	6,866.0	1,044.5	19,754.0	6,525.0	2,206.0
Wilson	8,557.5	4,243.0	1,020.0	8,846.0	5,153.0	4,102.0	7,792.5	5,190.5	1,770.0
Subtotal	1,216,558.5	603,809.0	98,175.0	1,263,537.5	640,199.0	114,010.5	1,337,599.0	659,080.5	107,879.5
Private Institutions									
NC Private Universities									
Barton	8,575.0	3,938.0	796.0	11,727.0	5,754.5	830.0	11,355.5	2,807.5	903.0
Campbell	58,197.5	9,299.0	7,340.5	48,100.0	7,812.0	6,277.0	59,244.5	8,044.5	6,567.0
Mars Hill	15,845.5	3,407.5	2,372.5	15,179.5	3,669.0	1,856.5	15,851.5	4,018.0	1,720.0
Pfeiffer	8,343.5	2,269.0	740.0	8,762.5	2,199.5	582.0	9,648.5	2,339.0	519.0
Subtotal	90,961.5	18,913.5	11,249.0	83,769.0	19,435.0	9,545.5	96,100.0	17,209.0	9,709.0
Grand Total	3,324,918.5	1,058,885.5	285,686.0	3,352,318.0	1,090,854.5	301,504.0	3,405,546.0	1,091,716.0	302,245.0

TABLE 9: SPACE FACTORS

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

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

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

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:

$$\text{Classroom Space Factor} = \frac{22}{16.9 \times .595} = 2.19$$

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				
	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013
Public Institutions															
Research Universities I															
NC State	0.87	0.88	0.87	0.86	0.84	3.73	3.71	3.61	3.62	3.80	1.45	1.46	1.44	1.43	1.42
UNC-Chapel Hill	0.94	0.95	0.94	0.93	0.96	5.01	4.81	4.30	4.02	4.32	1.22	1.21	1.20	1.19	1.19
Subtotal	0.91	0.91	0.90	0.90	0.90	4.01	3.95	3.77	3.72	3.92	1.34	1.35	1.33	1.32	1.31
Doctoral Universities I and II															
East Carolina	0.77	0.78	0.86	0.91	0.92	3.19	3.20	3.72	3.60	3.53	1.21	1.23	1.36	1.38	1.36
NC A&T	1.33	1.42	1.42	1.35	1.41	3.66	3.52	3.46	3.49	3.54	1.80	1.84	1.83	1.76	1.82
UNC Charlotte	0.77	0.81	0.80	0.82	0.82	2.98	3.20	2.83	3.09	3.73	1.10	1.14	1.07	1.17	1.26
UNC Greensboro	0.92	0.93	0.95	0.94	0.99	3.67	3.75	4.08	3.66	3.82	1.37	1.41	1.46	1.37	1.42
Subtotal	0.87	0.90	0.93	0.95	0.97	3.29	3.37	3.47	3.42	3.65	1.28	1.31	1.33	1.36	1.40
Master's (Comprehensive) Universities and Colleges I															
Appalachian	0.94	0.94	0.94	0.88	0.90	2.40	2.39	2.45	2.34	2.41	1.27	1.27	1.28	1.20	1.21
Fayetteville	1.46	1.36	1.34	1.23	1.18	4.32	4.11	4.05	4.41	4.06	2.17	2.04	2.03	1.93	1.82
NC Central	1.83	1.88	1.84	1.84	1.69	4.92	3.93	5.04	5.17	4.53	2.32	2.27	2.33	2.33	2.13
UNC Pembroke	1.68	1.61	1.59	1.59	1.58	3.59	3.02	3.12	3.21	3.39	1.94	1.83	1.81	1.83	1.83
UNC Wilmington	0.95	1.44	1.09	1.08	1.12	2.52	2.77	2.88	2.98	3.64	1.26	1.69	1.42	1.39	1.46
Western Carolina	0.96	0.98	1.02	1.02	1.02	3.23	3.20	3.67	3.72	3.84	1.49	1.48	1.57	1.56	1.57
Winston-Salem	1.51	1.51	1.59	1.73	1.76	5.15	5.15	4.87	4.71	5.64	2.10	2.10	2.18	2.31	2.51
Subtotal	1.17	1.28	1.21	1.18	1.18	3.13	3.08	3.27	3.29	3.48	1.57	1.65	1.62	1.58	1.60
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	5.01	5.96	5.41	5.09	3.71	9.72	12.10	10.12	9.22	6.26	6.38	7.70	6.83	6.49	4.61
UNC Asheville	1.34	1.33	1.23	1.27	1.24	4.76	4.10	4.06	4.19	4.92	1.85	1.71	1.59	1.68	1.87
Subtotal	2.27	2.42	2.24	2.30	2.06	6.96	7.60	6.99	6.87	5.68	3.17	3.34	3.08	3.24	2.93
Schools of Art, Music, and Design															
UNC School of the Arts	4.25	4.11	3.54	4.05	3.92	5.79	5.79	6.23	6.21	6.71	5.28	5.22	5.22	5.41	5.62
Subtotal	4.25	4.11	3.54	4.05	3.92	5.79	5.79	6.23	6.21	6.71	5.28	5.22	5.22	5.41	5.62
Community Colleges															
Alamance	2.95	3.75	2.45	2.34	2.05	11.54	5.13	4.66	4.42	4.31	5.09	4.28	3.12	2.97	2.69
Asheville-Buncombe	4.48	4.22	3.47	2.86	2.11	7.70	6.96	5.06	5.26	4.41	6.05	5.52	4.28	3.95	3.09
Beaufort Co.	6.07	6.69	6.00	4.24	3.03	20.01	19.35	16.15	10.17	9.66	9.82	10.04	8.79	6.09	4.67
Bladen	3.96	2.95	3.37	2.83	2.80	5.25	4.27	5.87	4.84	6.34	4.66	3.60	4.48	3.72	3.90
Blue Ridge	6.53	5.02	5.38	4.92	4.03	12.52	11.13	13.24	11.93	13.00	8.67	7.36	8.19	7.45	6.71
Brunswick	2.89	3.38	3.26	3.32	2.74	5.15	5.29	4.52	4.20	4.13	3.23	3.69	3.50	3.56	3.07
Caldwell	4.23	3.98	4.39	4.49	3.00	9.49	8.16	9.06	9.37	7.05	5.78	5.28	5.83	5.86	4.04
Cape Fear	2.57	2.30	2.04	1.86	1.79	5.34	4.00	3.87	3.10	3.23	3.63	3.01	2.78	2.38	2.40
Carteret	4.35	3.98	4.14	4.27	3.93	9.97	8.61	9.28	7.95	8.30	6.34	5.68	5.99	5.74	5.55
Catawba Valley	3.90	3.60	3.68	2.99	2.84	7.48	6.66	6.28	5.50	5.17	5.38	4.85	4.80	4.02	3.86
Central Carolina	4.01	4.02	3.61	3.04	3.61	7.01	6.43	6.69	6.88	6.92	4.97	4.84	4.56	4.07	4.64
Central Piedmont	2.72	2.86	2.36	2.51	2.11	6.98	6.30	5.51	5.98	6.67	3.65	3.67	3.10	3.29	2.96
Cleveland	4.00	4.32	4.68	4.15	3.36	7.62	7.07	6.94	5.79	4.60	5.52	5.51	5.65	4.92	3.95
Coastal Carolina	2.38	2.45	2.29	2.23	1.78	3.18	3.34	3.50	2.77	3.23	2.67	2.77	2.70	2.45	2.34
Coll. of Albemarle	5.41	6.80	5.74	5.48	5.26	9.68	12.51	11.87	11.70	11.91	7.18	9.11	8.05	7.79	7.81
Craven	2.37	2.59	2.64	2.61	2.04	7.19	8.33	7.30	7.56	7.29	3.69	4.09	4.00	4.03	3.37
Davidson County	3.40	3.31	3.12	2.72	2.35	6.88	6.69	6.09	5.82	5.92	4.44	4.33	4.08	3.66	3.32
Durham	2.35	2.64	2.28	2.33	2.53	5.95	6.08	6.50	5.69	7.02	3.38	3.67	3.42	3.27	3.66
Edgecombe	3.85	4.25	2.84	2.26	2.44	7.88	8.33	6.49	5.83	3.99	5.57	6.03	4.08	3.37	3.09
Fayetteville	3.20	3.17	2.68	2.49	2.09	5.68	5.23	4.92	4.89	4.27	4.12	3.96	3.53	3.34	2.82
Forsyth	3.18	2.84	2.59	2.60	2.22	7.79	7.55	7.08	5.50	5.03	4.81	4.39	4.03	3.56	3.11
Gaston	3.46	2.96	3.17	3.41	2.68	8.08	6.94	7.21	6.37	5.54	4.73	3.94	4.18	4.29	3.48
Guilford	3.83	3.16	3.01	1.89	1.59	10.04	8.03	7.40	4.92	5.33	5.49	4.46	4.21	2.68	2.41
Halifax	7.34	6.42	5.09	4.02	3.40	10.17	6.62	6.82	8.61	7.46	8.48	6.51	5.80	5.48	4.66
Haywood	3.92	4.43	3.83	3.50	3.58	7.72	9.33	7.54	7.48	7.42	6.28	7.04	5.78	5.50	5.62
Isothermal	8.22	7.23	5.55	6.89	5.16	8.22	9.03	6.84	6.65	5.38	8.22	8.04	6.14	6.76	5.27
James Sprunt	5.29	4.79	4.69	4.02	3.04	6.27	5.49	5.93	5.80	5.40	5.70	5.09	5.13	4.61	3.73
Johnston	2.71	3.05	3.16	3.10	2.47	7.04	7.99	9.50	8.51	6.83	3.68	4.07	4.43	4.26	3.46
Lenoir	5.08	4.63	3.80	3.29	3.24	9.71	10.02	7.82	7.06	7.09	6.75	6.38	5.15	4.47	4.44
Martin	9.52	9.65	14.15	6.22	4.53	7.75	6.55	17.66	6.81	5.39	8.38	7.54	16.03	6.55	4.99
Mayland	6.83	6.44	5.63	4.23	3.66	9.94	13.99	10.56	9.15	7.34	7.97	8.57	7.17	5.43	4.59

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013
McDowell	6.80	6.43	5.67	5.53	3.87	10.82	10.42	8.63	9.71	4.87	8.59	8.48	7.31	7.71	4.38
Mitchell	3.63	3.25	2.94	2.76	2.52	6.22	6.19	6.37	6.34	5.65	4.40	4.00	3.76	3.55	3.22
Montgomery	2.81	3.76	3.72	3.44	3.59	4.62	5.27	5.02	5.56	5.00	3.51	4.37	4.21	4.21	4.15
Nash	3.74	3.48	3.44	2.48	2.37	8.37	6.53	8.51	4.96	4.52	4.79	4.26	4.46	3.12	3.01
Pamlico	10.59	9.57	8.88	6.65	6.47	10.17	8.57	10.71	12.30	10.87	10.35	8.97	9.83	8.31	7.84
Piedmont	7.09	5.89	4.79	4.02	4.16	6.59	6.84	5.46	4.99	4.43	6.86	6.29	5.08	4.41	4.28
Pitt	2.15	1.88	1.68	1.52	1.33	6.25	5.43	5.04	5.27	4.71	3.60	3.10	2.78	2.63	2.28
Randolph	4.20	3.37	3.20	3.25	3.06	11.46	11.92	10.76	10.87	10.03	6.38	5.49	5.24	5.31	4.91
Richmond	3.43	3.32	2.90	2.51	2.00	5.58	4.55	4.65	4.76	4.10	4.28	3.87	3.57	3.35	2.68
Roanoke-Chowan	4.32	4.40	4.33	2.58	2.68	9.07	9.65	7.48	5.79	5.76	6.18	6.41	5.74	3.85	3.83
Robeson	2.35	2.42	2.21	2.21	1.76	4.89	4.64	4.31	3.75	3.21	3.36	3.47	3.18	2.95	2.41
Rockingham	2.80	3.13	2.82	2.35	2.18	10.37	13.76	14.10	8.59	8.64	5.39	6.37	6.48	4.33	3.99
Rowan-Cabarrus	3.50	2.93	2.94	1.87	1.69	6.98	7.02	5.05	4.47	4.70	4.25	3.70	3.72	2.68	2.52
Sampson	2.84	2.85	2.52	2.36	2.30	8.30	7.74	6.85	6.01	4.98	4.39	4.26	3.77	3.46	3.20
Sandhills	3.49	3.43	3.34	3.01	2.51	7.29	7.64	6.97	6.03	6.77	4.34	4.33	4.13	3.69	3.32
South Piedmont	3.73	3.91	3.66	3.30	3.03	7.98	7.43	6.28	5.05	4.62	4.89	4.94	4.50	3.94	3.63
Southeastern	6.53	7.01	5.85	5.77	5.23	7.79	8.18	7.49	7.89	7.50	7.01	7.46	6.43	6.49	5.98
Southwestern	3.90	3.90	2.91	2.67	3.09	6.79	6.04	5.81	5.42	5.09	5.03	4.79	3.95	3.64	3.84
Stanly	7.26	6.50	6.56	5.14	2.52	8.15	7.44	25.68	8.44	7.22	7.62	6.86	10.28	6.26	3.80
Surry	3.94	3.43	3.37	2.76	2.56	7.42	7.28	7.51	6.89	6.16	4.90	4.41	4.45	3.77	3.48
Tri-County	10.86	9.54	8.03	4.61	4.02	8.05	7.28	6.41	6.37	4.44	9.41	8.39	7.16	5.31	4.24
Vance-Granville	3.98	3.18	2.79	2.45	2.22	5.57	5.30	5.63	4.76	4.51	4.79	4.19	3.96	3.41	3.13
Wake	2.22	2.13	1.94	1.63	1.58	4.12	3.62	3.54	3.33	3.56	2.91	2.67	2.47	2.17	2.17
Wayne	1.95	2.08	2.23	1.98	1.91	4.65	5.05	4.53	4.93	3.62	3.05	3.36	3.30	3.18	2.72
Western Piedmont	5.50	5.35	5.18	5.09	3.62	6.85	6.55	6.41	5.94	5.59	5.99	5.82	5.65	5.46	4.39
Wilkes	3.83	4.10	3.84	2.64	2.28	10.06	9.83	10.12	8.66	5.96	5.54	5.72	5.40	4.25	3.32
Wilson	6.01	4.72	5.33	4.75	3.53	9.51	6.27	6.35	5.25	5.18	7.17	5.29	5.73	4.96	4.12
Subtotal	3.41	3.30	3.01	2.68	2.35	6.99	6.44	6.16	5.57	5.27	4.60	4.35	4.05	3.62	3.26
Private Institutions															
NC Private Universities															
Barton	3.26	2.38	2.46	2.54	2.39	4.35	2.98	6.10	5.05	4.72	3.60	2.58	3.18	3.13	2.94
Campbell	1.86	2.25	1.69	1.81	1.95	4.90	5.83	4.63	5.32	5.32	2.28	2.75	2.04	2.21	2.36
Mars Hill	3.53	3.69	2.62	2.63	2.45	8.75	8.12	7.14	7.57	8.92	4.45	4.55	3.54	3.58	3.49
Pfeiffer	3.50	3.83	3.48	3.36	3.29	8.20	8.46	7.95	8.71	8.85	4.50	4.76	4.35	4.31	4.24
Subtotal	2.43	2.69	2.11	2.21	2.25	5.87	5.72	5.91	6.23	6.38	3.02	3.26	2.69	2.82	2.88
Grand Total	1.93	1.95	1.85	1.76	1.66	5.56	5.29	5.20	4.87	4.79	2.81	2.77	2.67	2.52	2.40

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

Classification	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Classrooms									
Public Institutions									
Research Universities I	31.1	29.3	27.8	65.5	64.3	63.3	0.94	0.91	0.87
Doctoral Universities I and II	34.3	29.6	24.4	72.6	65.3	55.3	1.33	0.87	0.77
Master's (Comprehensive) Universities I	31.1	25.7	16.8	69.3	62.8	51.1	1.83	1.17	0.94
Baccalaureate (Liberal Arts) Universities	25.7	17.7	11.3	60.4	51.2	35.3	5.01	2.27	1.34
Schools of Art, Music, and Design*	10.8	10.8	10.8	50.7	50.7	50.7	4.25	4.25	4.25
Community Colleges	21.5	12.9	5.9	70.9	54.3	33.2	10.86	3.41	1.95
Private Institutions									
NC Private Universities	18.6	14.5	11.1	53.4	50.3	35.3	3.53	2.43	1.86
Grand Total									
State Range	34.3	16.9	5.9	72.6	59.5	33.2	10.86	1.93	0.77
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Public Institutions									
Research Universities I	13.4	12.2	9.4	73.8	67.5	51.2	5.01	4.01	3.73
Doctoral Universities I and II	18.9	16.4	13.2	71.6	62.1	59.5	3.67	3.29	2.98
Master's (Comprehensive) Universities I	21.8	15.9	8.8	82.8	71.2	57.7	5.15	3.13	2.40
Baccalaureate (Liberal Arts) Universities	14.7	8.4	6.1	66.0	50.1	38.4	9.72	6.96	4.76
Schools of Art, Music, and Design*	13.1	13.1	13.1	48.0	48.0	48.0	5.79	5.79	5.79
Community Colleges	23.3	12.0	6.6	71.6	55.0	27.7	20.01	6.99	3.18
Private Institutions									
NC Private Universities	13.4	10.4	6.4	71.3	55.5	39.2	8.75	5.87	4.35
Grand Total									
State Range	23.3	12.7	6.1	82.8	58.8	27.7	20.01	5.56	2.40
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, 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 campuses.

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

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

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

Space Standards

Table 11

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 N.C. State University. For all other UNC 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

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

<u>Research Lab Category</u>	<u>Discipline</u>	<u>ASF per \$1 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

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

Central Libraries only (Program Code 41)

Study Space (<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.
Stack Space (<i>Includes 420-Stack and 50% of 430-Open-Stack Study Room Space</i>)	0.08 ASF per volume
Service Space (<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, 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, 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 2013-2016, 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 2017, 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 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.

North Carolina institutions experienced a headcount enrollment increase of .8 percent in 2017. Public institutions showed a 1 percent increase while private enrollments decreased this year by .1 percent. Enrollments for men increased by .5 percent and women increased by 1.1 percent. North Carolina's 2017 part-time enrollment increased by 2.2 percent while the state's full-time enrollment increased by .1 percent.

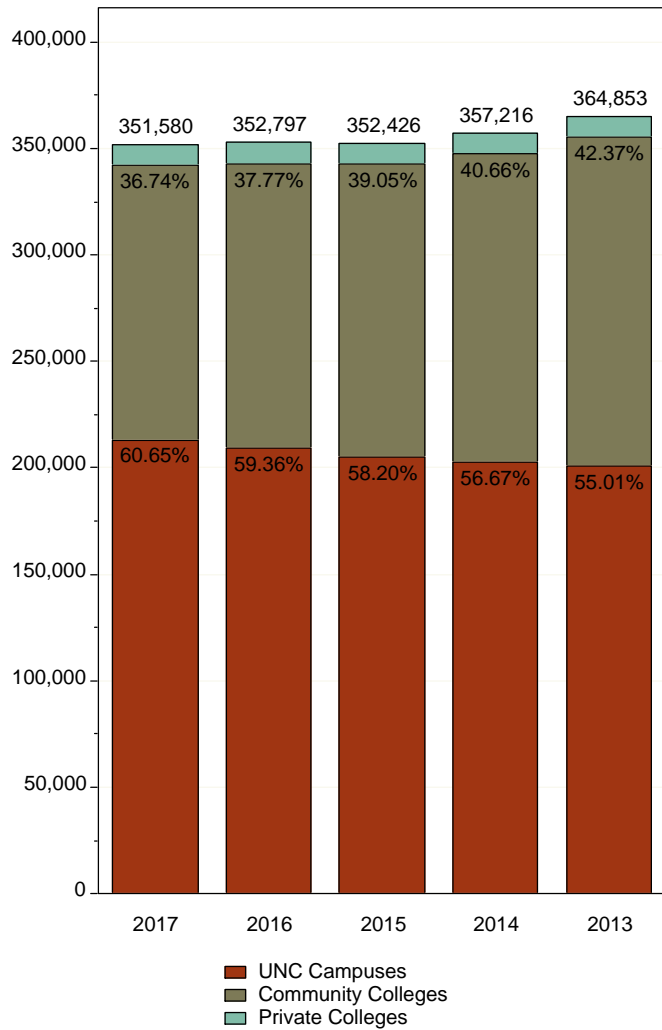
Due to a shift in data collection methods beginning in 2016, the Integrated Postsecondary Education Data System (IPEDS) is now the data source for the information above.

* 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

	2017	2016	2015	2014	2013
Public Institutions					
Research Universities I	58,776	57,752	57,171	57,332	57,274
Doctoral Universities I and II	82,278	80,655	78,384	76,055	74,284
Master's (Comprehensive) Universities and Colleges I	66,317	65,162	63,515	62,846	62,516
Baccalaureate (Liberal Arts) Universities and Colleges I and II	4,851	4,809	5,091	5,263	5,743
Schools of Art, Music, and Design	998	1,026	960	954	902
Community Colleges	129,188	133,266	137,606	145,260	154,584
Private Institutions					
NC Private Universities	9,172	10,127	9,699	9,506	9,550
	351,580	352,797	352,426	357,216	364,853

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



**UNC Institutions Only
By Level**

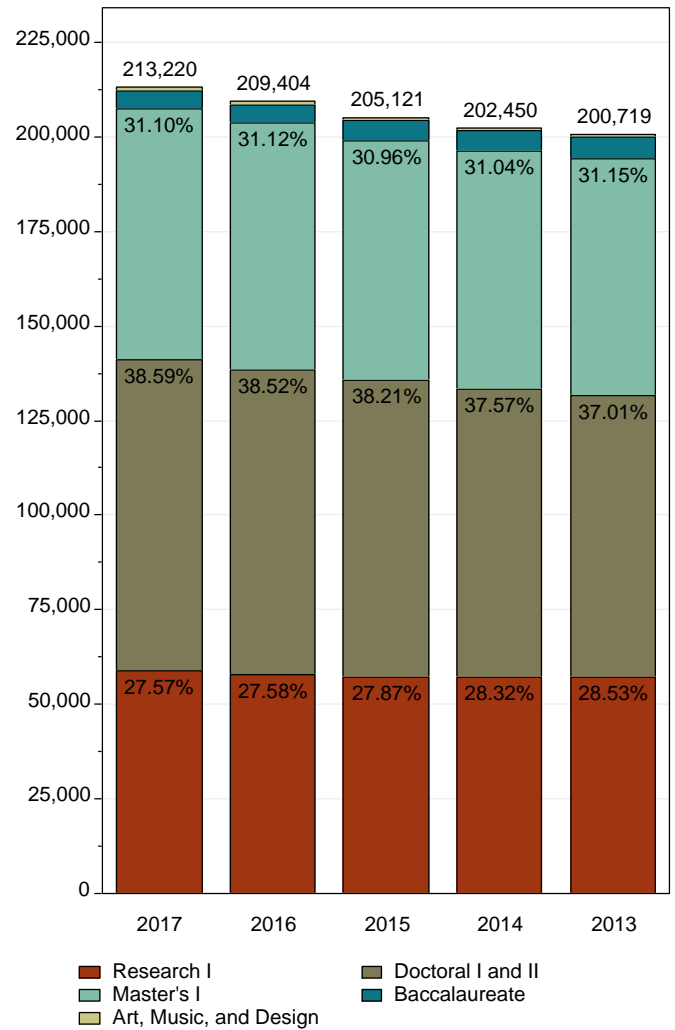


Table 12. FTE Enrollments by Institution

Institution	2017 On-Campus	2016 Total Public Institutions	2016 On-Campus	2015 On-Campus	2014 On-Campus	2013 On-Campus
Research Universities I						
NC State	30,552	-	29,838	29,897	29,984	29,928
NC State Veterinary Med	402	-	393	396	376	357
UNC-Chapel Hill	23,207	-	22,971	22,273	22,263	22,266
UNC-Chapel Hill Hlth Aff.	4,615	-	4,550	4,605	4,709	4,723
Subtotal	58,776	-	57,752	57,171	57,332	57,274
Doctoral Universities I and II						
East Carolina	23,483	-	23,364	22,737	22,235	21,840
East Carolina Hlth Aff.	2,747	-	2,674	2,561	2,484	2,430
NC A&T	11,112	-	10,457	10,148	10,052	9,844
UNC Charlotte	26,783	-	26,275	25,573	24,716	23,975
UNC Greensboro	18,153	-	17,885	17,365	16,568	16,195
Subtotal	82,278	-	80,655	78,384	76,055	74,284
Master's (Comprehensive) Universities and Colleges I						
Appalachian	18,099	-	17,571	17,269	17,310	17,097
Fayetteville	5,345	-	5,431	5,298	5,133	5,319
NC Central	7,471	-	7,492	7,403	7,087	7,477
UNC Pembroke	5,555	-	5,584	5,711	5,525	5,443
UNC Wilmington	15,065	-	14,463	13,780	13,613	13,106
Western Carolina	10,031	-	9,815	9,315	9,324	9,038
Winston-Salem	4,751	-	4,806	4,739	4,854	5,036
Subtotal	66,317	-	65,162	63,515	62,846	62,516
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	1,298	-	1,292	1,506	1,767	2,301
UNC Asheville	3,553	-	3,517	3,585	3,496	3,442
Subtotal	4,851	-	4,809	5,091	5,263	5,743
Schools of Art, Music, and Design						
UNC School of the Arts	998	(276)	1,026	960	954	902
Subtotal	998	(276)	1,026	960	954	902
Community Colleges						
Alamance	2,856	(3,106)	3,016	3,232	3,180	3,216
Asheville-Buncombe	4,826	(5,252)	4,938	4,942	5,138	5,798
Beaufort Co.	656	(1,086)	676	796	1,098	1,222
Bladen	1,012	(1,072)	1,032	1,028	1,138	1,116
Blue Ridge	1,064	(1,592)	1,144	1,110	1,232	1,430
Brunswick	828	(1,158)	832	936	1,048	1,050
Caldwell	1,966	(2,622)	2,132	2,256	2,330	2,404
Cape Fear	5,258	(6,646)	5,746	5,928	6,310	6,468
Carteret	804	(1,214)	888	860	904	938
Catawba Valley	3,398	(3,674)	3,238	3,366	2,672	2,730
Central Carolina	3,706	(3,986)	3,706	3,498	3,768	3,726
Central Piedmont	9,390	(13,998)	9,780	10,046	9,982	10,490
Cleveland	1,074	(2,120)	1,254	1,256	1,450	1,800
Coastal Carolina	2,534	(3,332)	2,552	2,698	2,830	2,808
Coll. of Albemarle	860	(1,870)	846	918	1,078	1,220
Craven	1,578	(2,346)	1,492	1,566	1,610	1,820
Davidson County	2,728	(2,792)	2,922	2,972	3,184	3,220
Durham	2,834	(3,616)	2,804	2,774	2,974	3,064
Edgecombe	854	(1,648)	944	1,038	1,324	1,556
Fayetteville	8,534	(8,730)	8,316	8,232	8,578	9,000
Forsyth	5,586	(5,934)	5,612	5,872	6,278	6,628
Gaston	3,888	(4,006)	4,048	4,108	4,376	4,624
Guilford	5,358	(7,608)	6,068	6,446	7,176	8,404
Halifax	534	(904)	622	680	758	810
Haywood	798	(1,346)	826	866	960	1,106
Isothermal	874	(1,552)	878	978	1,122	1,338

Table 12. FTE Enrollments by Institution

Institution	2017		2016	2015	2014	2013
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
James Sprunt	910	(928)	888	940	972	1,124
Johnston	2,076	(3,128)	2,090	2,212	2,382	2,578
Lenoir	1,938	(2,110)	2,000	2,036	2,300	2,288
Martin	584	(602)	592	502	516	632
Mayland	640	(734)	674	560	730	776
McDowell	788	(792)	880	902	878	964
Mitchell	1,476	(2,188)	1,552	1,534	1,662	1,854
Montgomery	706	(750)	674	640	708	658
Nash	1,308	(2,222)	1,518	1,850	2,236	2,100
Pamlico	102	(434)	112	124	80	78
Piedmont	704	(962)	972	1,040	1,186	1,230
Pitt	5,752	(6,352)	6,196	6,296	6,782	6,892
Randolph	1,208	(2,008)	1,292	1,412	1,540	1,746
Richmond	1,788	(1,906)	1,856	1,832	1,836	1,846
Roanoke-Chowan	324	(576)	364	396	478	568
Robeson	1,560	(1,614)	1,584	1,716	1,714	1,914
Rockingham	1,400	(1,404)	1,284	1,380	1,466	1,618
Rowan-Cabarrus	2,640	(4,442)	2,688	2,614	3,394	3,714
Sampson	732	(1,104)	870	902	1,000	1,092
Sandhills	2,198	(3,086)	2,084	2,218	2,306	2,486
South Piedmont	1,652	(1,858)	1,560	1,560	1,014	1,058
Southeastern	768	(1,162)	706	862	854	928
Southwestern	1,302	(1,908)	1,194	1,282	1,352	1,298
Stanly	1,822	(2,008)	1,800	1,902	1,998	1,986
Surry	2,348	(2,410)	2,490	2,478	2,560	2,750
Tri-County	366	(778)	418	420	514	588
Vance-Granville	2,176	(2,266)	2,174	2,332	2,530	2,802
Wake	11,134	(16,132)	11,342	11,024	11,088	11,074
Wayne	1,732	(2,632)	1,698	2,602	2,698	3,020
Western Piedmont	1,160	(1,588)	1,140	1,288	898	1,678
Wilkes	1,484	(2,242)	1,558	1,622	2,262	2,326
Wilson	612	(1,178)	704	726	828	932
Subtotal	129,188	(166,714)	133,266	137,606	145,260	154,584
Private Institutions						
NC Private Universities						
Barton	905	-	1,051	1,000	978	977
Campbell	6,010	-	6,283	5,972	5,601	5,617
Mars Hill	1,238	-	1,379	1,349	1,395	1,388
Pfeiffer	1,019	-	1,414	1,378	1,532	1,568
Subtotal	9,172	-	10,127	9,699	9,506	9,550
Grand Total	351,580	(166,990)	352,797	352,426	357,216	364,853



**Building K,
Wake Technical Community College**

Building K, home to the Health and Fitness Science program, the Baking and Pastry Arts program, and Business and Public Services Technology (Business Administration, Supply Chain Management, and Accounting) opened in the Fall of 2017. The three story, 90,779 square-foot building cost \$24.2 million and features kitchens for the Baking and Pastry Arts program, a 15,388 square foot gymnasium, weight room, aerobic studios, office and administrative space, classrooms, and a spacious light-filled atrium/lobby. This building was designed and built to meet LEED Silver standards.

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

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TABLE 13:

NET-TO-GROSS RATIO

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

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all 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), UNC Wilmington (308,801), N. C. State University (2,404,410 sq. ft.), N.C. 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), UNC Greensboro (875,642), UNC Asheville (136,854). 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 (60.8%), Guilford TCC (67.5%), N.C. State University (64.9%), N.C. State Veterinary Medicine (63.7%), UNC-Chapel Hill Health Affairs (50.7%), UNC-Chapel Hill - Academic Affairs (60.9%), UNC Charlotte (58.5%), UNC Greensboro (58.3%), Appalachian State University (61.4%), UNC Wilmington (67.7%), UNC Asheville (62.9%).

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 \$262 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .571. This means that new construction costs are approximately \$459 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$262}{.571} = \$459$$

Thus, every assignable square foot created through a renovation can be viewed as saving the institution \$459 in new construction costs.

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2017	2016	2015	2014	2013
Public Institutions							
Research Universities I							
NC State	16,531,388	9,175,375	55.5	55.5	55.6	54.8	53.9
NC State Veterinary Med	888,673	447,364	50.3	49.7	49.6	50.2	50.0
UNC-Chapel Hill	13,247,791	7,314,012	55.2	54.9	55.0	55.0	54.8
UNC-Chapel Hill Hlth Aff.	6,994,414	2,681,556	38.3	40.1	40.3	40.3	39.8
Subtotal	37,662,266	19,618,307	52.1	52.4	52.5	52.1	51.7
Doctoral Universities I and II							
East Carolina	5,183,287	3,377,204	65.2	66.3	65.5	65.8	66.7
East Carolina Hlth Aff.	1,877,524	1,150,466	61.3	58.1	52.8	51.9	53.1
NC A&T	3,254,024	2,270,203	69.8	69.7	69.3	69.2	70.1
UNC Charlotte	9,594,751	4,028,844	42.0	40.5	41.8	41.5	40.3
UNC Greensboro	6,740,988	3,420,593	50.7	49.4	49.1	49.1	49.5
Subtotal	26,650,574	14,247,310	53.5	52.7	52.5	52.4	52.6
Master's (Comprehensive) Universities and Colleges I							
Appalachian	4,763,570	2,689,515	56.5	56.6	57.3	57.6	57.6
Fayetteville	1,476,710	902,084	61.1	61.1	61.2	61.2	61.6
NC Central	2,281,498	1,477,732	64.8	64.8	64.8	64.4	64.4
UNC Pembroke	1,586,688	1,044,982	65.9	66.0	65.9	65.9	66.0
UNC Wilmington	4,015,244	2,508,789	62.5	58.5	59.5	59.6	57.1
Western Carolina	3,320,937	2,118,008	63.8	64.1	63.9	63.9	63.9
Winston-Salem	1,943,632	1,257,415	64.7	64.7	64.7	63.8	64.3
Subtotal	19,388,279	11,998,525	61.9	61.2	61.5	61.4	61.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	1,301,088	864,764	66.5	67.2	67.2	63.1	66.4
UNC Asheville	1,571,281	901,582	57.4	57.7	57.7	58.4	58.2
Subtotal	2,872,369	1,766,346	61.5	62.1	62.1	60.6	62.0
Schools of Art, Music, and Design							
UNC School of the Arts	1,212,554	817,610	67.4	68.7	68.9	70.7	70.2
Subtotal	1,212,554	817,610	67.4	68.7	68.9	70.7	70.2
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	60.5	60.5	60.5	60.5
Asheville-Buncombe	1,051,033	617,033	58.7	57.8	57.5	57.5	57.1
Beaufort Co.	272,813	191,663	70.3	70.4	70.0	70.0	70.0
Bladen	149,384	109,099	73.0	73.2	73.2	73.4	73.5
Blue Ridge	490,915	342,451	69.8	71.4	72.6	72.4	72.3
Brunswick	389,136	249,229	64.0	64.7	63.8	65.3	65.3
Caldwell	526,311	365,502	69.4	69.4	69.5	68.7	69.5
Cape Fear	1,866,538	736,309	39.4	37.3	36.4	38.0	38.0
Carteret	239,628	169,820	70.9	70.8	70.9	70.8	70.6
Catawba Valley	616,373	409,110	66.4	65.5	65.5	65.2	64.5
Central Carolina	579,178	401,006	69.2	69.2	69.1	69.1	69.1
Central Piedmont	3,336,075	1,387,722	41.6	41.7	41.0	41.3	40.8
Cleveland	315,039	210,985	67.0	66.4	68.1	68.2	68.8
Coastal Carolina	360,644	237,731	65.9	66.1	66.9	66.7	65.9
Coll. of Albemarle	399,648	271,430	67.9	68.1	67.1	67.1	67.4
Craven	316,445	212,167	67.0	67.0	67.0	66.8	66.8
Davidson County	466,105	317,396	68.1	68.3	68.3	68.2	68.2
Durham	502,559	339,624	67.6	67.5	67.5	67.2	67.2
Edgecombe	299,993	202,273	67.4	67.4	68.9	68.9	68.8
Fayetteville	1,053,425	692,728	65.8	65.4	67.6	67.4	67.4
Forsyth	1,096,902	752,694	68.6	68.6	69.1	69.3	69.3
Gaston	736,693	482,854	65.5	64.9	66.3	66.7	66.5
Guilford	1,898,276	1,187,088	62.5	62.3	62.4	62.8	59.3
Halifax	275,321	187,362	68.1	68.1	68.1	68.1	68.1

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2017	2016	2015	2014	2013
Haywood	370,892	250,610	67.6	67.8	71.1	71.1	71.1
Isothermal	353,647	239,595	67.7	68.0	68.0	68.0	67.8
James Sprunt	176,606	127,239	72.0	72.0	71.1	70.4	70.6
Johnston	453,206	323,680	71.4	71.5	71.2	71.0	72.0
Lenoir	436,600	324,656	74.4	74.6	74.6	74.5	75.1
Martin	228,135	169,822	74.4	74.4	74.4	74.4	74.4
Mayland	250,092	182,860	73.1	73.2	70.2	71.2	70.7
McDowell	205,440	153,019	74.5	74.3	74.5	74.5	73.5
Mitchell	370,582	250,728	67.7	67.7	67.7	67.1	67.0
Montgomery	133,866	95,910	71.6	71.4	71.2	71.3	71.3
Nash	343,116	226,766	66.1	66.1	66.0	66.7	66.8
Pamlico	86,035	54,788	63.7	63.7	63.7	64.2	64.2
Piedmont	177,259	139,878	78.9	78.9	78.9	78.9	78.3
Pitt	678,910	435,287	64.1	65.0	64.6	64.6	64.7
Randolph	403,822	297,579	73.7	74.5	74.7	74.7	74.9
Richmond	244,209	174,656	71.5	71.2	70.9	70.2	70.2
Roanoke-Chowan	167,421	118,458	70.8	70.8	69.3	70.2	70.0
Robeson	279,660	204,751	73.2	72.1	72.0	72.0	72.0
Rockingham	332,733	229,511	69.0	69.0	69.0	70.4	70.5
Rowan-Cabarrus	586,763	369,865	63.0	63.6	73.1	73.0	72.9
Sampson	199,414	138,580	69.5	69.7	69.7	69.7	69.7
Sandhills	515,859	339,501	65.8	65.9	65.6	65.0	64.9
South Piedmont	404,558	327,972	81.1	81.1	81.1	81.1	79.6
Southeastern	247,000	183,452	74.3	74.3	74.3	74.3	74.3
Southwestern	297,939	200,425	67.3	69.0	69.0	69.0	69.1
Stanly	231,686	151,528	65.4	64.9	66.8	66.8	70.5
Surry	462,557	321,258	69.5	68.3	70.4	70.0	70.4
Tri-County	164,389	124,059	75.5	75.5	76.3	76.3	76.4
Vance-Granville	406,209	255,312	62.9	63.3	64.7	65.0	65.2
Wake	2,345,137	1,055,697	45.0	44.7	45.4	50.3	49.8
Wayne	481,677	324,355	67.3	67.3	67.6	65.1	63.4
Western Piedmont	408,801	294,262	72.0	72.3	72.3	72.3	72.0
Wilkes	488,183	339,031	69.4	69.5	70.0	73.2	72.6
Wilson	249,365	163,701	65.6	68.5	68.6	68.6	68.5
Subtotal	30,868,613	18,943,523	61.4	61.3	61.6	62.3	62.1
Private Institutions							
NC Private Universities							
Barton	495,166	350,454	70.8	70.8	70.8	70.8	70.8
Campbell	1,731,082	1,174,598	67.9	67.8	68.1	68.1	68.0
Mars Hill	876,442	583,761	66.6	66.6	67.5	67.5	67.5
Pfeiffer	526,611	358,948	68.2	66.9	66.9	67.0	67.0
Subtotal	3,629,301	2,467,761	68.0	67.8	68.2	68.2	68.1
Grand Total	124,783,205	71,217,684	57.1	56.9	57.0	57.0	56.8

TABLE 14:

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

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

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

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

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

PROGRAM DEFINITIONS

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

- 10 **Instruction Program.** This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.
- 20 **Research Program.** Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.
- 30 **Public Service.** The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.
- 40 **Academic Support Program.** Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.
- 50 **Student Service Program.** The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.
- 60 **Institutional Administration Program.** This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The 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

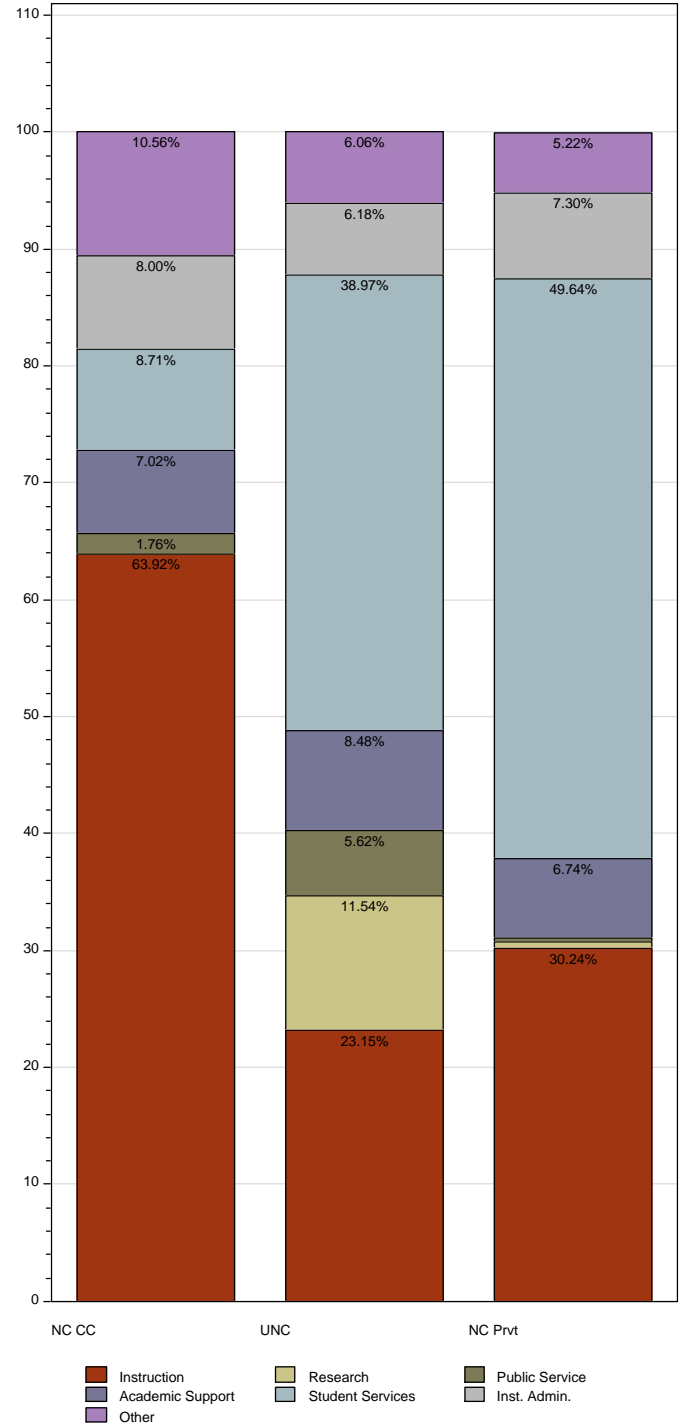
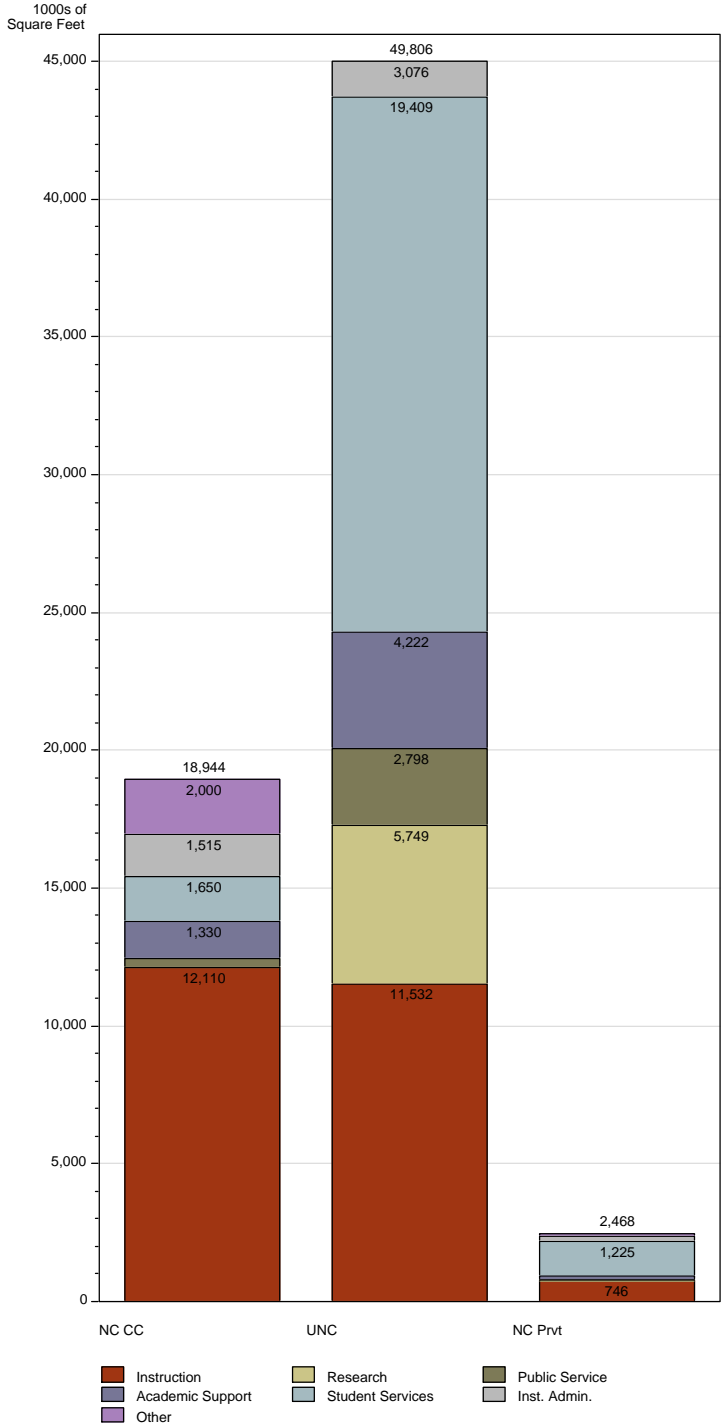


Table 14. Percentage Distribution of Assignable Area by Summary Programs

	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. 80	Un- assigned 00
Public Institutions										
Research Universities I										
NC State	9,175,375	18.5	27.5	4.8	6.9	31.9	5.8	1.6	1.2	1.9
NC State Veterinary Med	447,364	22.4	35.1	27.7	6.6	1.4	1.3	4.7	0.7	0.0
UNC-Chapel Hill	7,314,012	21.8	7.5	0.6	11.1	47.6	6.1	3.3	0.8	1.3
UNC-Chapel Hill Hlth Aff.	2,681,556	22.9	46.3	10.2	8.1	0.3	2.5	0.3	1.9	7.5
Subtotal	19,618,307	20.4	22.8	4.5	8.6	32.7	5.3	2.1	1.1	2.4
Doctoral Universities I and II										
East Carolina	3,376,981	29.4	3.4	0.6	6.9	44.5	6.9	2.5	1.3	4.6
East Carolina Hlth Aff.	1,150,466	24.4	18.0	44.9	8.7	0.1	1.8	2.1	-	0.0
NC A&T	2,270,203	32.2	7.9	1.1	13.4	31.1	11.7	1.4	0.9	0.3
UNC Charlotte	4,028,844	20.5	7.6	1.5	9.9	48.3	4.1	1.2	-	6.8
UNC Greensboro	3,420,593	21.0	5.1	0.3	9.4	51.0	7.1	2.1	0.5	3.5
Subtotal	14,247,087	24.9	6.9	4.4	9.5	41.4	6.5	1.8	0.6	3.9
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,689,515	30.0	0.6	2.9	5.7	51.2	5.2	1.7	2.4	0.4
Fayetteville	902,084	33.8	1.7	0.1	11.1	40.9	4.7	1.4	1.3	4.9
NC Central	1,477,732	35.9	2.2	0.6	7.6	36.5	6.4	0.7	1.2	9.0
UNC Pembroke	1,044,982	27.2	0.2	0.2	9.2	48.3	9.0	1.9	-	4.1
UNC Wilmington	2,508,789	19.4	5.8	0.8	8.2	56.6	5.7	0.8	2.1	0.6
Western Carolina	2,118,008	22.9	1.4	0.2	9.8	52.5	6.8	2.8	1.4	2.2
Winston-Salem	1,257,415	20.9	2.7	0.3	7.8	53.6	9.3	1.8	0.7	3.0
Subtotal	11,998,525	26.4	2.3	1.0	8.1	49.9	6.4	1.6	1.5	2.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	864,764	30.4	0.3	2.2	5.3	46.1	5.1	0.9	-	9.6
UNC Asheville	901,582	24.5	1.7	1.2	9.9	49.9	5.1	4.7	1.6	1.4
Subtotal	1,766,346	27.4	1.0	1.7	7.6	48.1	5.1	2.8	0.8	5.4
Schools of Art, Music, and Design										
UNC School of the Arts	817,610	39.4	-	3.1	8.6	30.0	11.0	2.7	0.3	5.0
Subtotal	817,610	39.4	-	3.1	8.6	30.0	11.0	2.7	0.3	5.0
Teaching Hospitals										
UNC Hospitals	1,358,302	1.0	0.5	81.8	-	-	10.8	1.8	1.0	3.1
Subtotal	1,358,302	1.0	0.5	81.8	-	-	10.8	1.8	1.0	3.1
Community Colleges										
Alamance	281,456	76.5	-	1.0	6.3	6.1	8.7	1.3	0.0	0.0
Asheville-Buncombe	617,033	61.7	-	3.4	4.4	7.1	6.4	1.4	7.0	8.6
Beaufort Co.	191,663	64.4	-	4.0	6.3	8.2	9.5	3.2	4.4	0.0
Bladen	109,099	62.5	-	0.2	9.0	13.2	8.7	5.7	-	0.7
Blue Ridge	342,451	66.8	-	0.0	5.1	12.9	4.8	3.0	6.3	1.1
Brunswick	249,229	45.8	-	0.8	3.8	6.8	7.4	2.8	32.7	0.0
Caldwell	365,502	69.1	-	0.0	5.7	10.7	4.2	4.0	6.3	0.0
Cape Fear	736,309	69.7	0.0	0.4	6.5	8.1	8.5	1.0	5.3	0.5
Carteret	169,820	74.3	-	-	7.1	7.5	9.2	1.0	0.9	0.0
Catawba Valley	409,110	69.3	-	-	7.1	11.5	6.1	-	5.2	0.8
Central Carolina	401,006	76.1	-	2.4	4.1	7.9	4.7	0.1	4.6	0.0
Central Piedmont	1,387,722	68.9	-	2.1	6.1	6.9	7.9	3.3	1.7	3.1
Cleveland	210,985	68.7	-	1.6	11.8	8.2	9.3	0.4	-	0.0
Coastal Carolina	237,731	71.9	-	0.1	10.3	5.6	9.6	2.6	-	0.0
Coll. of Albemarle	271,430	47.7	-	6.3	5.2	4.3	10.7	1.5	3.3	21.0
Craven	212,167	68.9	-	3.1	9.6	4.3	8.8	0.5	4.8	0.0
Davidson County	317,396	65.8	-	2.5	6.9	5.8	13.0	3.9	2.1	0.0
Durham	339,624	62.7	-	0.2	9.6	4.2	8.7	11.9	2.6	0.0
Edgecombe	202,273	63.8	-	11.1	7.3	7.1	6.2	1.1	3.3	0.0
Fayetteville	692,728	68.5	-	1.1	8.8	9.2	10.1	2.3	0.0	0.0
Forsyth	752,694	66.5	-	0.6	6.3	7.3	8.7	1.4	2.0	7.3
Gaston	482,854	69.9	1.0	-	6.1	8.7	6.4	0.6	7.2	0.1
Guilford	1,187,088	51.4	-	2.0	5.0	5.0	5.7	1.8	0.8	28.3
Halifax	187,362	54.1	-	13.9	8.2	9.0	8.8	2.4	3.5	0.0

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. 80	Un- assigned 00
Haywood	250,610	59.2	-	0.4	5.0	10.7	6.5	3.8	12.2	2.2
Isothermal	239,595	66.2	-	8.8	6.4	5.6	8.0	2.7	2.2	0.0
James Sprunt	127,239	64.8	-	2.7	12.4	9.0	7.7	3.1	-	0.3
Johnston	323,680	58.4	-	-	10.3	13.8	9.3	4.5	2.2	1.5
Lenoir	324,656	66.5	-	1.4	6.5	9.3	6.5	2.6	7.1	0.0
Martin	169,822	44.8	-	1.5	8.0	38.9	3.8	2.3	0.6	0.0
Mayland	182,860	41.0	-	1.2	6.2	6.4	5.2	2.5	4.2	33.3
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	95,910	55.2	-	1.9	9.7	7.8	9.1	2.2	8.5	5.6
Nash	226,766	67.5	-	0.1	6.2	7.0	11.4	0.7	7.0	0.0
Pamlico	54,788	63.7	-	-	12.5	9.8	8.7	4.3	1.0	0.0
Piedmont	139,878	61.1	-	4.3	6.8	12.2	12.0	3.3	0.2	0.0
Pitt	435,287	70.2	-	-	7.9	7.4	6.0	4.0	0.9	3.7
Randolph	297,579	64.6	-	0.0	3.5	8.7	16.1	0.4	5.6	1.1
Richmond	174,656	58.7	-	17.5	8.1	5.7	8.1	0.4	1.4	0.0
Roanoke-Chowan	118,458	42.4	-	2.3	9.6	14.1	8.6	3.7	19.4	0.0
Robeson	204,751	59.8	-	0.3	7.1	16.4	8.7	1.6	5.8	0.3
Rockingham	229,511	70.7	-	-	7.5	13.2	7.6	0.8	0.2	0.0
Rowan-Cabarrus	369,865	53.4	-	1.5	16.8	10.5	12.7	2.7	0.6	1.8
Sampson	138,580	60.7	-	0.9	10.0	8.4	7.8	2.2	10.0	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	183,452	63.6	-	1.6	9.3	13.3	5.9	2.7	0.7	2.9
Southwestern	200,425	62.9	-	2.5	9.5	12.0	9.6	1.5	1.3	0.7
Stanly	151,528	63.3	-	0.5	6.4	9.4	12.4	3.3	4.6	0.0
Surry	321,258	77.2	-	0.1	7.5	6.1	5.3	1.3	2.6	0.0
Tri-County	124,059	71.1	-	0.1	8.5	8.4	11.7	0.2	-	0.0
Vance-Granville	255,312	57.5	-	9.2	7.8	8.8	7.8	1.2	3.1	4.6
Wake	1,055,697	73.6	-	-	7.0	8.7	8.1	2.4	0.2	0.0
Wayne	324,355	50.5	-	1.5	8.1	7.8	5.0	3.6	3.8	19.7
Western Piedmont	294,262	56.8	-	-	7.9	8.0	7.6	2.4	1.5	15.7
Wilkes	339,031	60.2	-	0.0	6.8	12.9	6.1	6.2	5.2	2.7
Wilson	163,701	68.5	-	0.5	6.0	7.5	15.8	1.7	-	0.0
Subtotal	18,943,523	63.9	0.0	1.8	7.0	8.7	8.0	2.3	3.5	4.8
Private Institutions										
NC Private Universities										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,174,598	29.8	1.1	-	6.1	53.3	5.6	2.2	1.2	0.7
Mars Hill	583,761	31.6	-	1.2	6.9	49.9	5.9	1.6	0.1	2.8
Pfeiffer	358,948	26.9	-	0.4	6.7	41.6	11.3	2.2	-	10.9
Subtotal	2,467,761	30.2	0.5	0.4	6.7	49.6	7.3	2.0	0.6	2.7
Grand Total	71,217,461	34.2	8.1	4.4	8.0	31.3	6.7	2.0	1.7	3.5

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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
Public Institutions								
Research Universities I								
NC State	18.3	-	-	0.2	-	-	-	-
NC State Veterinary Med	22.4	-	-	-	-	-	-	-
UNC-Chapel Hill	21.0	-	-	0.5	0.3	-	-	-
UNC-Chapel Hill Hlth Aff.	22.6	-	0.0	0.1	0.1	-	-	-
Subtotal	20.0	-	0.0	0.3	0.1	-	-	-
Doctoral Universities I and II								
East Carolina	29.3	-	0.0	-	-	-	-	-
East Carolina Hlth Aff.	24.3	-	-	-	0.1	-	-	-
NC A&T	32.2	-	-	-	-	-	-	-
UNC Charlotte	20.1	-	-	0.4	-	-	-	-
UNC Greensboro	20.9	-	0.0	-	-	-	-	-
Subtotal	24.8	-	0.0	0.1	0.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	30.0	-	-	-	-	-	-	-
Fayetteville	33.6	-	-	0.3	-	-	-	-
NC Central	35.9	-	-	-	-	-	-	-
UNC Pembroke	27.2	-	-	-	-	-	-	-
UNC Wilmington	19.4	-	-	0.0	-	-	-	-
Western Carolina	22.5	-	-	0.2	-	-	-	0.3
Winston-Salem	20.7	-	0.2	-	-	-	-	-
Subtotal	26.2	-	0.0	0.1	-	-	-	0.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	30.2	-	-	0.2	-	-	-	-
UNC Asheville	24.2	-	-	0.3	-	-	-	0.1
Subtotal	27.1	-	-	0.2	-	-	-	0.1
Schools of Art, Music, and Design								
UNC School of the Arts	39.4	-	-	-	-	-	-	-
Subtotal	39.4	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
Subtotal	0.5	-	-	0.5	-	-	-	-
Community Colleges								
Alamance	23.7	40.5	-	6.9	5.4	0.1	-	-
Asheville-Buncombe	10.6	41.5	1.1	3.3	4.4	-	-	0.8
Beaufort Co.	1.7	48.7	1.6	0.7	11.7	-	-	-
Bladen	23.5	37.7	-	0.7	0.6	-	-	-
Blue Ridge	18.2	43.8	0.6	1.1	3.2	-	-	0.0
Brunswick	0.8	26.4	-	9.2	6.6	-	-	2.9
Caldwell	12.1	43.7	1.4	10.1	1.9	-	-	-
Cape Fear	13.9	50.5	0.6	3.1	1.5	-	-	-
Carteret	4.6	67.0	0.1	1.3	0.8	-	-	0.6
Catawba Valley	22.0	38.9	2.3	2.1	3.7	-	-	0.3
Central Carolina	5.2	57.0	3.9	5.1	4.2	-	-	0.5
Central Piedmont	24.6	34.1	0.8	3.8	5.7	-	-	-
Cleveland	11.0	53.0	-	3.1	0.6	-	0.4	0.6
Coastal Carolina	24.9	37.6	0.8	2.3	6.2	-	-	-
Coll. of Albemarle	25.4	18.6	-	3.2	0.6	-	-	-
Craven	20.7	40.5	2.1	1.7	3.9	-	-	-
Davidson County	25.3	32.1	2.2	5.0	1.3	-	0.1	-
Durham	1.5	52.8	0.8	6.4	1.2	-	-	-
Edgecombe	2.9	53.5	0.1	4.0	3.3	0.1	-	-
Fayetteville	3.4	47.5	-	9.2	7.9	-	0.5	0.1
Forsyth	14.9	41.6	1.5	2.8	4.0	-	0.1	1.5
Gaston	20.7	35.2	1.1	7.4	5.4	0.0	-	-

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
Guilford	5.2	38.3	0.9	3.1	3.8	-	-	0.1
Halifax	12.5	39.7	0.0	1.5	0.4	-	-	-
Haywood	0.4	46.5	0.4	1.6	6.7	-	-	3.7
Isothermal	22.5	32.6	0.9	8.9	0.8	-	-	0.5
James Sprunt	12.4	40.0	0.5	6.2	5.8	-	-	-
Johnston	-	50.8	0.5	1.5	5.6	-	-	-
Lenoir	14.9	34.8	3.2	11.7	1.0	-	-	1.0
Martin	8.2	26.8	1.6	4.1	3.3	-	-	0.9
Mayland	3.9	27.7	0.8	3.9	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	10.4	44.8	-	-	-	-	-	-
Nash	15.9	39.1	-	-	12.2	0.3	-	-
Pamlico	12.4	27.7	-	14.0	9.5	-	-	-
Piedmont	3.5	47.9	1.4	5.7	2.5	-	-	-
Pitt	19.6	44.1	1.2	2.6	2.0	0.6	-	0.1
Randolph	6.7	43.9	0.2	7.1	6.6	-	-	-
Richmond	3.6	48.9	0.1	5.9	0.3	-	-	-
Roanoke-Chowan	7.6	26.8	2.5	0.9	4.0	0.5	-	-
Robeson	10.0	38.7	-	6.5	4.7	-	-	-
Rockingham	28.0	37.5	-	0.0	5.2	-	-	-
Rowan-Cabarrus	21.2	29.9	1.1	1.2	-	-	-	-
Sampson	7.2	46.9	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	17.1	25.8	5.6	1.8	13.3	-	-	-
Southwestern	19.5	30.5	1.9	0.8	9.9	-	-	0.4
Stanly	0.0	52.1	0.8	6.4	4.0	-	-	-
Surry	23.3	33.1	0.3	3.8	16.6	-	-	-
Tri-County	13.9	51.0	1.2	0.8	3.6	-	0.0	0.6
Vance-Granville	19.8	29.4	1.8	4.7	0.1	0.4	-	1.2
Wake	27.9	32.0	0.1	7.1	6.3	-	-	0.2
Wayne	7.2	36.7	0.8	5.8	-	-	-	-
Western Piedmont	23.4	23.0	-	10.0	0.3	-	-	0.1
Wilkes	20.7	33.8	0.1	3.6	2.1	-	-	-
Wilson	4.6	48.3	8.1	3.0	4.5	-	-	-
Subtotal	14.8	39.0	1.0	4.4	4.3	0.0	0.0	0.3
Private Institutions								
NC Private Universities								
Barton	32.7	-	-	-	-	-	-	-
Campbell	29.8	-	-	-	-	-	-	-
Mars Hill	31.6	-	-	-	-	-	-	-
Pfeiffer	26.9	-	-	-	-	-	-	-
Subtotal	30.2	-	-	-	-	-	-	-
Grand Total	21.0	10.4	0.3	1.3	1.2	0.0	0.0	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
Public Institutions							
Research Universities I							
NC State	6.7	20.8	-	-	2.0	2.8	0.0
NC State Veterinary Med	-	35.1	15.7	11.9	-	0.1	-
UNC-Chapel Hill	0.3	7.2	0.0	0.1	0.4	0.0	0.1
UNC-Chapel Hill Hlth Aff.	1.6	44.7	4.6	5.2	0.3	0.1	-
Subtotal	3.5	19.3	1.0	1.0	1.1	1.3	0.0
Doctoral Universities I and II							
East Carolina	1.3	2.1	-	0.1	0.4	-	0.1
East Carolina Hlth Aff.	0.6	17.4	28.3	16.1	0.6	-	-
NC A&T	2.4	5.5	-	-	0.3	0.7	0.1
UNC Charlotte	2.6	4.9	-	-	1.5	-	-
UNC Greensboro	-	5.1	0.2	-	0.0	-	-
Subtotal	1.5	5.4	2.3	1.3	0.6	0.1	0.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	0.2	0.5	0.4	-	2.4	-	-
Fayetteville	-	1.7	-	-	0.1	-	0.0
NC Central	1.3	0.9	-	-	0.2	-	0.4
UNC Pembroke	-	0.2	-	-	0.2	-	-
UNC Wilmington	4.6	1.3	0.0	0.1	0.7	-	-
Western Carolina	0.7	0.6	-	-	0.2	-	0.0
Winston-Salem	1.2	1.5	-	-	0.3	-	0.0
Subtotal	1.4	0.9	0.1	0.0	0.8	-	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	0.3	-	-	1.8	-	0.3
UNC Asheville	0.4	1.3	-	-	1.2	-	-
Subtotal	0.2	0.8	-	-	1.5	-	0.2
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	3.1	-	-
Subtotal	-	-	-	-	3.1	-	-
Teaching Hospitals							
UNC Hospitals	-	0.5	33.4	48.4	-	-	-
Subtotal	-	0.5	33.4	48.4	-	-	-
Community Colleges							
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	-	-	-	-	0.8	-	-
Caldwell	-	-	-	-	0.0	-	-
Cape Fear	-	0.0	-	0.4	-	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	0.6	1.8	-	-
Central Piedmont	-	-	-	-	-	-	2.1
Cleveland	-	-	-	-	1.6	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
Coll. of Albemarle	-	-	-	-	6.3	-	-
Craven	-	-	-	-	1.8	-	1.3
Davidson County	-	-	-	-	2.5	-	-
Durham	-	-	-	-	0.2	-	-
Edgecombe	-	-	-	0.6	10.6	-	-
Fayetteville	-	-	-	-	1.1	-	-
Forsyth	-	-	-	-	0.1	-	0.4
Gaston	-	1.0	-	-	-	-	-

Table 14a. 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
Guilford	-	-	-	-	2.0	-	-
Halifax	-	-	-	-	13.9	-	-
Haywood	-	-	-	-	0.4	-	-
Isothermal	-	-	-	-	8.2	-	0.6
James Sprunt	-	-	-	-	2.7	-	-
Johnston	-	-	-	-	-	-	-
Lenoir	-	-	-	-	1.4	-	-
Martin	-	-	-	-	1.5	-	-
Mayland	-	-	-	-	1.2	-	-
McDowell	-	-	-	-	1.3	-	-
Mitchell	-	-	-	-	0.1	-	-
Montgomery	-	-	-	-	1.9	-	-
Nash	-	-	-	-	0.1	-	-
Pamlico	-	-	-	-	-	-	-
Piedmont	-	-	-	-	4.3	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	0.0	-	-
Richmond	-	-	-	-	17.5	-	-
Roanoke-Chowan	-	-	-	-	2.3	-	-
Robeson	-	-	-	-	0.2	0.1	-
Rockingham	-	-	-	-	-	-	-
Rowan-Cabarrus	-	-	-	-	1.5	-	-
Sampson	-	-	-	-	0.9	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	4.2	-	-
Southeastern	-	-	-	-	0.9	-	0.7
Southwestern	-	-	-	-	2.5	-	-
Stanly	-	-	-	-	0.5	-	-
Surry	-	-	-	0.1	-	-	-
Tri-County	-	-	-	-	0.1	-	-
Vance-Granville	-	-	-	1.6	7.6	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	1.5	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	-	0.0	-	-
Wilson	-	-	-	-	0.5	-	-
Subtotal	-	0.0	0.0	0.1	1.4	0.1	0.2
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	1.1	-	-	-	-	-
Mars Hill	-	-	-	-	1.2	-	-
Pfeiffer	-	-	-	-	0.4	-	-
Subtotal	-	0.5	-	-	0.4	-	-
Grand Total	1.5	6.6	1.4	1.5	1.0	0.4	0.1

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
Public Institutions								
Research Universities I								
NC State	3.7	0.2	0.4	0.3	0.0	2.2	0.0	0.0
NC State Veterinary Med	2.7	-	0.3	0.3	0.0	3.2	-	-
UNC-Chapel Hill	8.5	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	0.1	1.5	4.2	0.0	0.0
Subtotal	5.2	0.3	0.2	0.3	0.3	2.2	0.0	0.1
Doctoral Universities I and II								
East Carolina	5.6	0.2	0.1	0.1	0.2	0.6	-	-
East Carolina Hlth Aff.	6.1	0.2	0.2	-	0.0	2.1	-	-
NC A&T	5.1	0.7	0.1	0.3	3.9	3.4	-	-
UNC Charlotte	5.2	0.1	0.2	0.6	-	3.8	-	-
UNC Greensboro	3.6	0.8	0.5	0.2	0.5	3.7	-	0.0
Subtotal	5.0	0.4	0.2	0.3	0.8	2.8	-	0.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3.9	-	-	0.4	0.2	1.2	0.1	-
Fayetteville	7.3	0.2	0.5	0.7	0.7	1.6	-	-
NC Central	4.3	0.3	0.1	0.4	0.5	1.8	-	0.2
UNC Pembroke	3.6	0.7	0.2	0.3	-	4.4	-	0.0
UNC Wilmington	4.5	0.5	0.1	0.5	0.0	2.6	0.0	0.1
Western Carolina	5.6	0.8	0.1	0.1	0.6	2.4	-	0.2
Winston-Salem	3.5	1.0	0.2	0.4	0.2	2.6	-	-
Subtotal	4.6	0.5	0.1	0.4	0.3	2.2	0.0	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	4.1	0.1	-	0.4	0.4	0.3	-	-
UNC Asheville	7.0	0.4	0.6	1.1	0.5	0.4	-	0.1
Subtotal	5.6	0.2	0.3	0.7	0.5	0.4	-	0.0
Schools of Art, Music, and Design								
UNC School of the Arts	6.7	0.2	0.0	0.0	0.1	1.5	-	-
Subtotal	6.7	0.2	0.0	0.0	0.1	1.5	-	-
Teaching Hospitals								
UNC Hospitals	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	3.9	0.3	-	-	0.8	1.3	-	-
Asheville-Buncombe	3.2	-	0.4	0.1	0.4	0.2	-	-
Beaufort Co.	5.2	-	-	-	-	1.2	-	-
Bladen	6.2	-	-	-	-	2.8	-	-
Blue Ridge	3.4	0.0	0.7	-	-	0.7	-	0.3
Brunswick	2.4	-	0.3	0.0	-	1.0	-	-
Caldwell	3.9	-	0.7	-	-	1.1	-	-
Cape Fear	4.3	0.0	0.5	0.0	1.0	0.6	0.1	-
Carteret	3.7	-	-	-	1.6	1.7	-	-
Catawba Valley	4.4	0.1	0.7	0.2	-	1.6	-	-
Central Carolina	3.4	-	0.2	-	0.1	0.4	-	-
Central Piedmont	4.0	0.1	0.3	0.1	-	1.1	0.4	0.2
Cleveland	7.2	-	3.0	0.1	-	1.6	-	-
Coastal Carolina	7.0	-	0.1	0.1	-	3.1	-	-
Coll. of Albemarle	1.0	0.5	-	-	-	3.8	-	-
Craven	7.4	-	-	0.0	-	2.2	-	-
Davidson County	4.1	-	0.1	-	1.9	0.7	-	-
Durham	4.5	-	0.2	0.1	-	4.3	0.4	0.1
Edgecombe	5.2	-	0.5	0.4	-	1.1	0.1	-
Fayetteville	3.5	0.1	1.1	0.1	1.7	2.3	-	-
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	-	-

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
Halifax	5.4	-	-	-	1.6	1.2	-	-
Haywood	4.3	0.2	-	-	-	0.5	-	-
Isothermal	3.9	-	-	-	-	2.5	-	-
James Sprunt	6.1	0.5	0.1	2.4	-	3.3	-	0.1
Johnston	4.5	0.9	0.7	-	1.3	0.8	-	2.2
Lenoir	4.4	0.9	0.1	0.0	-	1.1	-	-
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	4.6	-	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	8.1	-	-	1.3	-	0.3	-	-
Nash	4.6	0.3	0.6	-	0.1	0.6	-	-
Pamlico	9.0	-	0.3	1.9	-	1.4	-	-
Piedmont	4.5	-	0.3	0.1	0.4	1.6	-	-
Pitt	5.0	-	0.0	0.1	-	2.8	-	-
Randolph	2.6	-	0.2	0.1	-	0.7	-	-
Richmond	6.1	-	0.7	0.4	-	0.9	-	-
Roanoke-Chowan	7.9	-	-	-	-	1.7	-	-
Robeson	5.4	-	0.1	0.0	-	1.6	-	-
Rockingham	4.4	0.8	-	-	-	2.4	-	-
Rowan-Cabarrus	5.9	-	0.3	0.3	1.0	9.1	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	0.6	-	-
Southwestern	4.5	-	0.4	0.3	1.5	2.9	-	-
Stanly	4.8	-	1.1	0.1	-	0.5	-	-
Surry	7.0	-	0.0	0.1	-	0.4	-	-
Tri-County	4.8	-	-	0.1	2.6	1.0	-	-
Vance-Granville	3.2	-	-	-	2.3	2.3	-	-
Wake	4.0	-	0.6	-	1.5	0.9	-	-
Wayne	5.3	-	0.8	0.0	1.0	0.8	0.1	-
Western Piedmont	5.1	-	0.2	0.1	-	2.6	-	-
Wilkes	5.2	0.1	0.1	-	0.4	1.0	-	-
Wilson	4.2	-	0.1	-	-	1.8	-	-
Subtotal	4.2	0.1	0.4	0.1	0.5	1.6	0.1	0.1
Private Institutions								
NC Private Universities								
Barton	6.9	0.7	0.4	-	-	0.7	-	-
Campbell	4.1	0.4	0.5	0.1	0.1	1.0	0.0	0.0
Mars Hill	4.4	0.8	1.1	-	-	0.6	-	-
Pfeiffer	6.2	-	0.0	-	-	0.4	-	-
Subtotal	4.9	0.5	0.5	0.0	0.0	0.8	0.0	0.0
Grand Total	4.7	0.3	0.2	0.3	0.4	2.0	0.0	0.1

TABLE 14c:

**STUDENT SERVICE AND PHYSICAL PLANT
OPERATIONS SUBPROGRAMS**

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

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

- 51 Student Service Administration.** This subprogram includes administrative activities that 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 Svcs 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
Public Institutions												
Research Universities I												
NC State	0.2	2.1	0.3	0.1	23.4	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	1.3
UNC-Chapel Hill	0.6	3.1	0.3	0.1	32.8	10.2	0.5	0.3	0.7	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	0.1	0.0
Subtotal	0.3	2.1	0.2	0.1	23.2	6.3	0.4	0.1	0.5	0.2	0.6	0.5
Doctoral Universities I and II												
East Carolina	0.7	7.7	0.1	0.1	30.1	5.3	0.4	0.4	1.3	0.2	-	0.4
East Carolina Hlth Aff.	-	-	-	-	0.1	-	-	-	-	0.1	1.7	0.3
NC A&T	0.3	2.2	0.5	0.3	23.4	3.5	0.8	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	0.5	5.8	0.4	0.1	37.5	3.7	0.4	0.1	0.7	0.1	-	0.2
UNC Greensboro	0.1	5.1	0.2	-	42.1	2.8	0.7	0.1	0.8	0.0	0.7	0.3
Subtotal	0.4	5.0	0.3	0.1	31.6	3.6	0.5	0.2	0.8	0.1	0.3	0.2
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.1	11.5	0.4	0.3	33.2	5.2	0.5	0.5	1.0	-	0.2	-
Fayetteville	0.7	6.9	0.5	0.0	28.8	3.4	0.5	0.3	0.2	0.1	0.2	0.5
NC Central	0.6	3.4	0.8	0.3	28.5	2.7	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	5.5	0.3	0.4	38.7	2.1	0.8	0.6	0.7	0.3	0.2	0.1
UNC Wilmington	0.7	7.8	0.2	0.0	43.5	3.9	0.5	0.4	0.2	0.1	0.2	0.0
Western Carolina	0.3	9.7	0.6	0.1	38.5	3.1	0.3	2.2	0.4	0.0	0.1	0.1
Winston-Salem	1.4	8.4	0.3	0.2	39.4	3.2	0.6	0.9	0.3	0.3	0.1	0.1
Subtotal	0.5	8.2	0.4	0.2	36.5	3.6	0.5	0.8	0.5	0.1	0.2	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
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	9.0	0.3	0.2	32.2	7.4	0.7	0.0	2.2	0.3	2.2	-
Subtotal	0.3	7.2	0.4	0.2	34.9	4.6	0.5	0.3	1.3	0.1	1.1	-
Schools of Art, Music, and Design												
UNC School of the Arts	0.1	7.9	0.2	0.3	21.1	-	0.5	0.5	1.2	0.2	-	0.7
Subtotal	0.1	7.9	0.2	0.3	21.1	-	0.5	0.5	1.2	0.2	-	0.7
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Subtotal	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Community Colleges												
Alamance	0.1	1.8	0.1	0.4	3.7	-	-	-	1.3	-	-	-
Asheville-Buncombe	0.7	2.4	0.6	0.4	3.0	-	-	0.5	0.2	0.4	-	0.0
Beaufort Co.	1.2	1.3	0.1	0.5	5.0	-	-	-	3.2	-	-	-
Bladen	1.1	7.9	-	0.4	3.8	-	-	-	3.3	0.5	0.2	1.8
Blue Ridge	0.3	8.2	1.2	-	3.3	-	-	0.0	1.9	0.3	-	0.9
Brunswick	0.5	0.7	0.3	0.4	4.9	-	0.0	-	2.5	0.2	-	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	0.4	-	-
Carteret	1.1	2.5	1.8	0.1	1.9	-	-	0.7	-	0.3	-	-
Catawba Valley	0.0	3.0	1.0	0.0	2.0	5.5	-	-	-	-	-	-
Central Carolina	0.4	1.9	0.4	0.0	5.2	-	-	-	-	0.1	-	-
Central Piedmont	1.5	3.1	0.4	0.5	1.3	-	-	0.2	2.5	0.2	-	0.4
Cleveland	0.6	3.3	1.5	0.3	2.5	-	-	0.3	-	0.1	-	-
Coastal Carolina	0.1	1.3	0.9	0.1	3.2	-	-	-	1.6	0.8	0.1	-
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	0.9	-	4.3	-	-	0.0	3.7	0.1	0.0	-
Durham	0.5	0.7	1.1	0.8	1.0	-	-	0.8	10.3	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	2.1	0.5	0.1	3.9	-	-	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

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
Halifax	0.4	2.7	0.7	0.7	4.5	-	-	0.1	2.4	-	-	-
Haywood	0.6	6.8	0.1	0.3	2.9	-	-	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	1.1	1.9	2.0	1.0	3.0	-	-	-	3.0	0.1	-	-
Johnston	1.0	5.5	1.2	0.7	5.4	-	-	0.1	3.1	0.2	-	1.0
Lenoir	-	6.2	0.1	0.3	1.9	0.7	-	0.3	2.0	-	-	0.4
Martin	0.8	34.3	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	1.6	-	-	0.1	1.7	0.1	-	0.3
Nash	0.9	-	1.3	0.2	4.6	-	-	-	0.7	-	-	-
Pamlico	1.9	1.5	1.7	0.4	4.4	-	-	-	3.8	0.5	-	-
Piedmont	4.0	0.7	0.4	0.2	6.9	-	-	-	2.5	0.1	-	0.8
Pitt	0.8	3.6	1.0	0.1	1.9	0.1	-	4.0	-	-	-	-
Randolph	0.7	1.3	1.3	0.5	4.8	-	-	0.2	0.0	0.2	-	-
Richmond	0.3	3.0	1.2	0.1	1.1	-	0.1	-	0.3	0.1	-	-
Roanoke-Chowan	-	10.0	1.7	0.2	2.2	-	-	0.2	-	-	-	3.5
Robeson	0.5	7.9	1.0	0.8	6.2	-	-	0.1	0.7	0.7	-	-
Rockingham	0.3	4.9	4.6	0.3	3.2	-	-	0.0	0.5	0.1	-	0.2
Rowan-Cabarrus	0.5	-	2.2	0.4	7.5	-	-	-	2.7	-	-	-
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	5.9	3.9	0.3	3.0	-	-	0.3	2.4	-	-	-
Southwestern	0.2	7.0	1.6	0.6	2.6	-	-	-	1.4	0.0	-	-
Stanly	1.5	2.8	0.3	0.3	4.5	-	-	0.2	3.1	-	-	-
Surry	1.1	0.8	0.2	0.3	3.6	0.1	-	0.0	1.3	-	-	-
Tri-County	0.5	4.2	0.9	0.2	2.7	-	-	-	-	-	0.2	-
Vance-Granville	0.9	-	2.9	0.6	4.3	0.1	-	0.4	0.5	-	0.2	-
Wake	0.3	1.3	2.2	0.5	4.5	0.1	-	0.4	2.0	-	0.1	-
Wayne	0.2	3.0	0.8	0.5	3.3	-	0.0	-	3.6	-	0.0	-
Western Piedmont	1.2	1.7	0.4	0.2	4.4	0.2	-	0.1	1.0	0.3	0.0	0.9
Wilkes	0.1	9.6	1.1	0.5	1.7	-	-	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	-	-
Subtotal	0.7	3.2	1.0	0.3	3.3	0.1	0.0	0.3	1.5	0.2	0.0	0.3
Private Institutions												
NC Private Universities												
Barton	0.6	5.5	0.5	0.3	33.8	4.2	0.5	0.4	0.8	0.1	-	0.4
Campbell	0.2	4.0	0.4	0.2	39.3	8.9	0.2	0.1	1.9	0.1	-	0.0
Mars Hill	0.0	11.7	0.0	0.1	35.5	2.1	0.5	0.4	1.2	-	-	-
Pfeiffer	0.1	7.8	0.1	0.1	30.3	3.1	0.2	0.1	2.0	0.1	-	-
Subtotal	0.2	6.6	0.3	0.2	36.3	5.8	0.3	0.2	1.6	0.1	-	0.1
Grand Total	0.5	4.3	0.5	0.2	22.1	3.4	0.3	0.3	0.9	0.1	0.3	0.3

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

	Public Institutions								Ind. Operations		Unassigned	
	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	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Research Universities I												
NC State	0.4	0.2	2.2	1.3	0.9	0.7	0.2	-	0.0	1.2	1.0	1.0
NC State Veterinary Med	-	0.5	0.4	0.2	0.2	-	-	-	-	0.7	-	-
UNC-Chapel Hill	0.3	0.6	2.3	1.4	0.3	0.9	0.1	0.0	0.3	0.5	0.9	0.4
UNC-Chapel Hill Hlth Aff.	0.1	0.6	1.5	0.2	0.1	0.0	0.0	0.0	1.0	1.0	1.7	5.7
Subtotal	0.3	0.4	2.1	1.2	0.5	0.7	0.1	0.0	0.3	0.9	1.0	1.4
Doctoral Universities I and II												
East Carolina	1.1	2.4	1.7	0.8	0.3	0.4	0.1	0.1	-	1.3	0.1	4.4
East Carolina Hlth Aff.	-	0.5	0.2	0.6	-	0.5	-	0.1	-	-	0.0	-
NC A&T	0.5	0.5	8.8	0.8	0.4	0.4	0.2	0.1	0.4	0.5	0.1	0.3
UNC Charlotte	0.6	0.4	1.3	0.3	0.5	0.8	0.2	0.1	-	-	0.0	6.8
UNC Greensboro	0.4	0.3	4.0	1.0	0.5	0.6	0.2	0.1	0.1	0.5	0.3	3.3
Subtotal	0.6	0.9	3.1	0.7	0.4	0.6	0.2	0.1	0.1	0.5	0.1	3.8
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.3	0.5	2.2	0.4	0.5	0.7	0.3	0.2	2.1	0.2	0.1	0.3
Fayetteville	1.1	0.8	1.4	0.1	0.9	0.3	0.1	0.1	0.3	1.0	4.8	0.2
NC Central	0.7	0.4	2.9	0.7	0.8	0.6	0.3	0.1	0.1	1.1	1.1	7.8
UNC Pembroke	1.5	0.6	4.6	0.1	1.1	0.6	0.2	0.2	-	-	4.1	-
UNC Wilmington	0.7	0.5	2.6	0.7	0.1	0.4	0.3	0.3	0.5	1.6	0.0	0.6
Western Carolina	0.5	0.4	0.8	0.6	3.0	0.8	0.3	0.3	0.4	1.0	0.1	2.1
Winston-Salem	0.7	1.1	4.5	0.5	1.7	0.6	0.2	0.1	0.5	0.2	0.9	2.1
Subtotal	0.7	0.6	2.5	0.5	1.1	0.6	0.3	0.2	0.7	0.8	1.0	1.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.7	0.5	1.3	0.9	1.2	0.2	0.2	0.2	-	-	7.9	1.7
UNC Asheville	2.1	0.6	0.8	0.0	0.2	0.8	0.5	0.2	0.0	1.5	0.0	1.4
Subtotal	1.4	0.5	1.0	0.4	0.7	0.5	0.3	0.2	0.0	0.8	3.9	1.5
Schools of Art, Music, and Design												
UNC School of the Arts	0.4	0.2	6.4	0.5	1.8	1.2	0.3	0.3	0.3	-	2.6	2.4
Subtotal	0.4	0.2	6.4	0.5	1.8	1.2	0.3	0.3	0.3	-	2.6	2.4
Teaching Hospitals												
UNC Hospitals	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
Subtotal	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
Community Colleges												
Alamance	1.5	0.8	3.3	0.7	1.4	0.4	0.1	0.5	-	0.0	-	-
Asheville-Buncombe	0.9	1.2	1.9	1.0	0.3	0.2	0.4	0.5	-	7.0	4.4	4.2
Beaufort Co.	1.6	2.1	3.0	0.3	1.8	-	0.4	0.3	-	4.4	-	-
Bladen	0.9	0.9	4.9	0.4	0.5	0.1	-	0.9	-	-	0.7	-
Blue Ridge	1.4	0.6	1.0	0.9	0.2	0.1	-	0.5	-	6.3	0.0	1.1
Brunswick	1.4	0.8	3.2	0.6	0.4	0.3	0.3	0.3	24.7	8.0	-	-
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	3.2	0.1	0.4
Carteret	2.7	0.5	4.0	1.3	0.1	0.3	0.1	0.1	-	0.9	-	-
Catawba Valley	1.4	0.7	1.5	0.6	-	0.2	1.3	0.4	-	5.2	0.1	0.7
Central Carolina	1.9	0.4	1.1	0.4	0.4	0.1	0.0	0.3	4.6	-	-	-
Central Piedmont	0.6	0.9	2.5	2.2	-	0.7	0.7	0.3	0.1	1.7	-	3.1
Cleveland	1.3	1.2	3.0	1.2	1.0	1.1	0.4	0.2	-	-	-	-
Coastal Carolina	0.6	0.7	7.3	0.4	0.2	0.1	-	0.3	-	-	-	-
Coll. of Albemarle	0.8	0.6	5.3	0.4	2.8	0.4	0.3	0.1	-	3.3	2.6	18.4
Craven	1.6	1.3	2.4	0.8	-	0.4	1.6	0.7	-	4.8	-	-
Davidson County	0.7	1.0	8.8	-	1.8	0.5	-	0.2	-	2.1	-	-
Durham	1.4	0.5	2.0	1.2	0.8	0.3	2.1	0.3	-	2.6	-	-
Edgecombe	1.0	0.7	2.8	0.4	0.1	0.5	0.4	0.4	0.1	3.2	0.0	-
Fayetteville	1.5	1.0	4.1	0.9	0.3	0.2	1.8	0.3	-	0.0	-	-
Forsyth	1.3	1.2	3.0	1.1	0.6	1.0	0.2	0.3	-	2.0	1.2	6.1
Gaston	0.5	0.6	3.0	1.0	0.7	0.0	0.4	0.3	-	7.2	0.1	-

Table 14d. Institutional Administration, Independent Operations and Unassigned Subprograms

	Ind. Operations										Unassigned	
	Exec. Mgmt	Fin. Mgmt	Gen Ad Log Svc	Admin Comp	Fac/Staff	P.R. Devel.	Stud. Admiss	Stud. Records	Inst.	Ext. Agency	Usable	Unusable
					Aux. Svcs							
61	62	63	64	65	66	67	68	91	92	01	02	
Guilford	0.5	0.9	3.1	0.6	0.2	0.0	0.2	0.1	-	0.8	22.1	6.2
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	3.5	-	-
Haywood	0.8	0.9	2.4	1.4	0.1	0.2	0.6	0.1	4.7	7.6	-	2.2
Isothermal	1.0	0.8	4.7	0.9	0.1	-	0.1	0.4	-	2.2	-	-
James Sprunt	1.2	3.1	0.6	1.5	0.3	0.7	-	0.3	-	-	0.3	-
Johnston	1.0	1.4	4.1	1.2	0.5	0.6	0.2	0.3	-	2.2	-	1.5
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	1.2	0.5	0.4	0.1	0.1	-	-	0.6	-	-
Mayland	1.4	0.3	1.6	0.7	0.5	0.2	0.3	0.2	-	4.2	-	33.3
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	1.3	-	0.5	0.3	0.3	-	8.5	-	5.6
Nash	1.4	0.5	2.1	1.5	5.3	0.2	0.3	0.1	7.0	-	-	-
Pamlico	4.6	1.5	0.4	1.8	0.5	-	-	-	-	1.0	-	-
Piedmont	2.3	1.1	5.6	0.5	1.8	0.2	0.0	0.3	-	0.2	-	-
Pitt	0.5	0.7	2.3	1.0	0.5	0.6	0.1	0.3	-	0.9	-	3.7
Randolph	0.4	0.5	13.4	0.8	0.5	0.6	-	0.0	1.3	4.3	-	1.1
Richmond	2.7	0.7	3.3	0.1	0.5	0.3	0.1	0.5	-	1.4	-	-
Roanoke-Chowan	1.2	1.1	4.6	0.8	-	-	0.6	0.4	-	19.4	-	-
Robeson	1.5	0.8	3.3	1.0	0.4	0.2	0.8	0.6	0.3	5.5	-	0.3
Rockingham	0.8	0.8	3.0	1.2	0.9	0.2	0.2	0.4	-	0.2	-	-
Rowan-Cabarrus	1.4	-	7.9	2.5	0.6	-	0.1	0.2	-	0.6	-	1.8
Sampson	1.7	1.5	2.4	1.2	-	0.2	0.1	0.7	-	10.0	-	-
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	0.7	2.2	0.9	0.2	0.2	0.1	0.5	-	0.7	2.5	0.4
Southwestern	0.9	1.0	3.6	1.8	0.2	0.8	0.8	0.4	-	1.3	-	0.7
Stanly	4.8	1.7	1.4	1.3	0.2	-	0.2	2.8	-	4.6	-	-
Surry	0.9	0.8	2.0	1.2	0.1	0.2	-	-	-	2.6	-	-
Tri-County	1.6	0.6	8.3	0.9	-	-	0.1	0.2	-	-	-	-
Vance-Granville	1.0	1.1	3.7	0.6	0.7	0.4	0.0	0.3	-	3.1	4.6	-
Wake	0.8	0.4	3.1	1.2	0.1	0.3	1.7	0.4	-	0.2	-	0.0
Wayne	1.1	0.4	1.3	0.6	0.8	0.0	0.4	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	-	1.5	15.4	0.3
Wilkes	0.9	0.5	3.1	0.6	-	0.2	0.6	0.2	2.7	2.5	-	2.7
Wilson	2.8	1.2	5.0	1.4	3.4	0.5	1.4	0.3	-	-	-	-
Subtotal	1.2	0.9	3.2	1.0	0.6	0.3	0.5	0.3	0.7	2.7	2.0	2.8
Private Institutions												
NC Private Universities												
Barton	0.9	0.7	1.4	0.7	3.9	2.2	1.0	0.4	-	-	0.4	-
Campbell	0.5	0.2	0.6	0.4	2.4	0.3	1.0	0.1	0.4	0.8	0.7	0.1
Mars Hill	0.8	0.2	1.0	0.6	1.3	1.6	0.2	0.2	0.1	-	0.6	2.2
Pfeiffer	0.6	0.7	1.5	0.4	7.1	0.4	0.6	0.2	-	-	9.8	1.1
Subtotal	0.6	0.4	1.0	0.5	3.1	0.9	0.8	0.2	0.2	0.4	1.9	0.7
Grand Total	0.7	0.7	2.7	0.9	0.7	0.6	0.3	0.2	0.4	1.3	1.2	2.3

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.

<u>Room Use Code</u>	<u>HEGIS Norm (%)</u>	<u>All N.C. Institutions 2017 (%)</u>
Classroom (Series 100)	8.0	9.6
Laboratory (Series 200)	14.5	16.8
Office (Series 300)	13.0	20.9
Study (Series 400)	6.8	5.3
Special Use (Series 500)	8.9	9.0
General Use (Series 600)	12.0	10.8
Support (Series 700)	6.5	4.5
Health Care (Series 800)	1.4	2.0
Residential (Series 900)	26.7	17.7
Unclassified (Series 000)	2.2	3.4

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

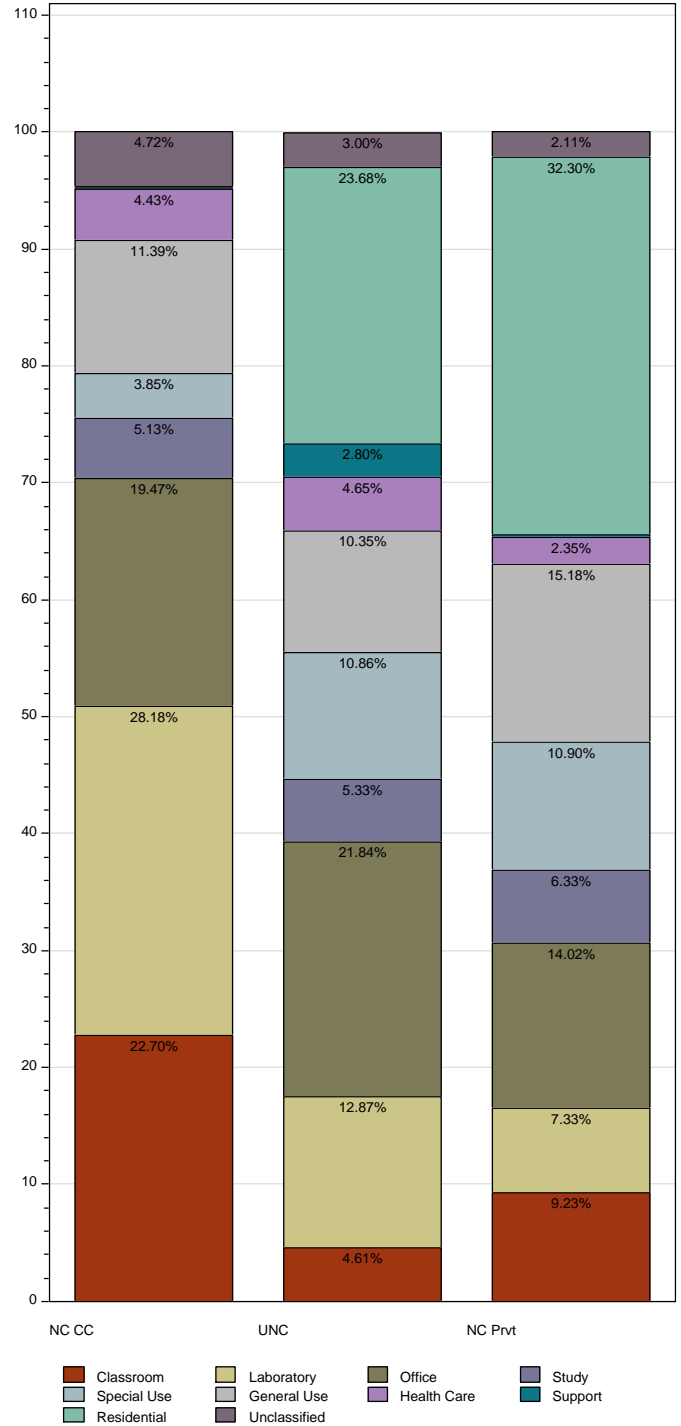
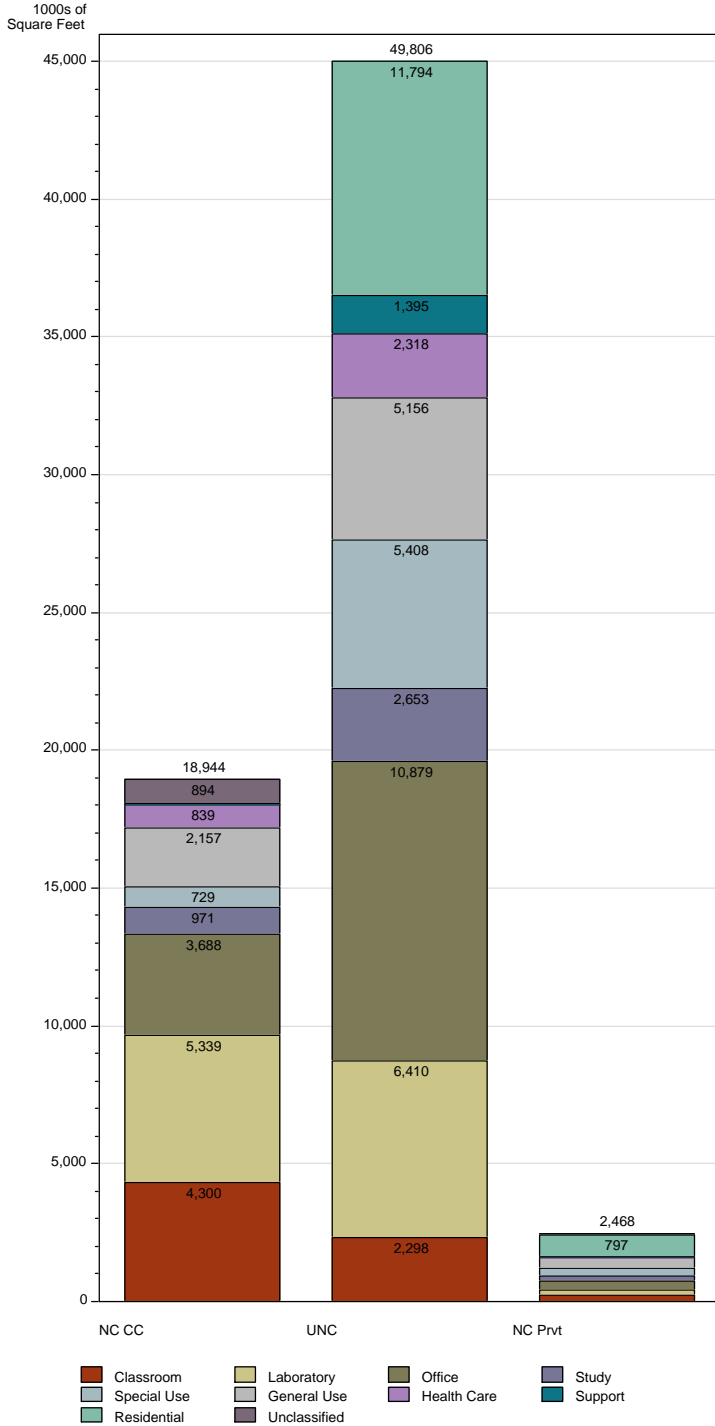


Table 15. Assignable Area by Room Codes

Institution	Total Assignable Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions									
Research Universities I									
NC State	9,175,375	260,288	2.8	1,602,540	17.5	1,933,612	21.1	361,174	3.9
NC State Veterinary Med	447,364	7,757	1.7	115,624	25.8	93,023	20.8	11,130	2.5
UNC-Chapel Hill	7,314,012	269,182	3.7	630,175	8.6	1,614,667	22.1	634,650	8.7
UNC-Chapel Hill Hlth Aff.	2,681,556	83,523	3.1	765,149	28.5	1,082,172	40.4	75,161	2.8
Subtotal	19,618,307	620,750	3.2	3,113,488	15.9	4,723,474	24.1	1,082,115	5.5
Doctoral Universities I and II									
East Carolina	3,377,204	180,703	5.4	374,248	11.1	734,961	21.8	207,997	6.2
East Carolina Hlth Aff.	1,150,466	42,536	3.7	195,885	17.0	443,425	38.5	75,180	6.5
NC A&T	2,270,203	142,006	6.3	363,572	16.0	449,788	19.8	134,998	5.9
UNC Charlotte	4,028,844	234,882	5.8	537,889	13.4	853,018	21.2	228,568	5.7
UNC Greensboro	3,420,593	155,554	4.5	357,150	10.4	632,340	18.5	147,352	4.3
Subtotal	14,247,310	755,681	5.3	1,828,744	12.8	3,113,532	21.9	794,095	5.6
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,689,515	178,643	6.6	258,264	9.6	550,101	20.5	95,097	3.5
Fayetteville	902,084	58,504	6.5	89,675	9.9	216,787	24.0	68,733	7.6
NC Central	1,477,732	125,660	8.5	146,171	9.9	316,786	21.4	103,940	7.0
UNC Pembroke	1,044,982	88,818	8.5	59,121	5.7	191,312	18.3	41,372	4.0
UNC Wilmington	2,508,789	139,848	5.6	255,168	10.2	450,174	17.9	127,215	5.1
Western Carolina	2,118,008	99,610	4.7	191,905	9.1	331,527	15.7	130,568	6.2
Winston-Salem	1,257,415	68,083	5.4	83,653	6.7	229,385	18.2	55,869	4.4
Subtotal	11,998,525	759,166	6.3	1,083,957	9.0	2,286,072	19.1	622,794	5.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	864,764	70,654	8.2	66,849	7.7	117,493	13.6	38,667	4.5
UNC Asheville	901,582	51,465	5.7	106,691	11.8	162,501	18.0	65,803	7.3
Subtotal	1,766,346	122,119	6.9	173,540	9.8	279,994	15.9	104,470	5.9
Schools of Art, Music, and Design									
UNC School of the Arts	817,610	30,266	3.7	199,742	24.4	103,917	12.7	46,744	5.7
Subtotal	817,610	30,266	3.7	199,742	24.4	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	617,033	97,417	15.8	213,127	34.5	141,722	23.0	16,788	2.7
Beaufort Co.	191,663	45,382	23.7	56,320	29.4	36,955	19.3	10,057	5.2
Bladen	109,099	21,111	19.4	32,642	29.9	24,446	22.4	8,346	7.6
Blue Ridge	342,451	93,848	27.4	100,511	29.4	50,135	14.6	18,234	5.3
Brunswick	249,229	64,800	26.0	25,724	10.3	42,214	16.9	7,369	3.0
Caldwell	365,502	95,214	26.1	100,151	27.4	64,188	17.6	20,575	5.6
Cape Fear	736,309	137,621	18.7	253,414	34.4	159,791	21.7	33,048	4.5
Carteret	169,820	43,007	25.3	60,668	35.7	35,729	21.0	6,047	3.6
Catawba Valley	409,110	90,844	22.2	133,786	32.7	77,942	19.1	23,222	5.7
Central Carolina	401,006	120,933	30.2	122,041	30.4	73,210	18.3	19,951	5.0
Central Piedmont	1,387,722	372,738	26.9	357,555	25.8	309,790	22.3	63,597	4.6
Cleveland	210,985	45,771	21.7	66,529	31.5	43,348	20.5	15,924	7.5
Coastal Carolina	237,731	75,357	31.7	72,286	30.4	46,550	19.6	15,403	6.5
Coll. of Albemarle	271,430	48,039	17.7	68,680	25.3	40,920	15.1	3,605	1.3
Craven	212,167	53,758	25.3	71,469	33.7	45,437	21.4	18,954	8.9
Davidson County	317,396	75,727	23.9	77,297	24.4	78,786	24.8	18,887	6.0
Durham	339,624	83,171	24.5	95,237	28.0	80,390	23.7	16,658	4.9
Edgecombe	202,273	39,851	19.7	65,484	32.4	34,533	17.1	12,414	6.1
Fayetteville	692,728	188,548	27.2	220,243	31.8	137,814	19.9	31,299	4.5

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	%
		Forsyth	752,694	151,371	20.1	252,989	33.6	151,000	20.1
Gaston	482,854	112,058	23.2	149,459	31.0	110,249	22.8	24,451	5.1
Guilford	1,187,088	213,864	18.0	282,878	23.8	167,652	14.1	41,198	3.5
Halifax	187,362	38,320	20.5	46,849	25.0	34,385	18.4	11,164	6.0
Haywood	250,610	23,327	9.3	100,197	40.0	40,611	16.2	10,213	4.1
Isothermal	239,595	48,945	20.4	65,865	27.5	39,437	16.5	9,952	4.2
James Sprunt	127,239	31,510	24.8	30,357	23.9	34,985	27.5	10,267	8.1
Johnston	323,680	79,166	24.5	70,824	21.9	67,333	20.8	19,801	6.1
Lenoir	324,656	73,155	22.5	89,040	27.4	54,784	16.9	19,348	6.0
Martin	169,822	23,378	13.8	37,211	21.9	18,218	10.7	14,165	8.3
Mayland	182,860	32,993	18.0	33,055	18.1	22,813	12.5	10,470	5.7
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	95,910	15,761	16.4	30,998	32.3	14,117	14.7	8,388	8.7
Nash	226,766	70,634	31.1	56,413	24.9	36,121	15.9	11,522	5.1
Pamlico	54,788	10,303	18.8	14,810	27.0	10,921	19.9	5,400	9.9
Piedmont	139,878	37,202	26.6	35,501	25.4	29,453	21.1	8,895	6.4
Pitt	435,287	86,272	19.8	154,310	35.5	94,882	21.8	27,070	6.2
Randolph	297,579	69,521	23.4	91,860	30.9	43,865	14.7	8,339	2.8
Richmond	174,656	37,709	21.6	46,141	26.4	31,327	17.9	10,810	6.2
Roanoke-Chowan	118,458	18,647	15.7	38,698	32.7	16,601	14.0	9,944	8.4
Robeson	204,751	38,371	18.7	58,071	28.4	47,939	23.4	8,619	4.2
Rockingham	229,511	33,707	14.7	72,947	31.8	41,507	18.1	10,954	4.8
Rowan-Cabarrus	369,865	113,298	30.6	79,429	21.5	87,577	23.7	22,009	6.0
Sampson	138,580	29,316	21.2	35,757	25.8	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	47,411	14.5	55,389	16.9	54,371	16.6	10,076	3.1
Southeastern	183,452	47,093	25.7	44,932	24.5	40,737	22.2	13,929	7.6
Southwestern	200,425	41,329	20.6	54,478	27.2	39,165	19.5	10,618	5.3
Stanly	151,528	40,329	26.6	37,600	24.8	37,620	24.8	6,334	4.2
Surry	321,258	99,192	30.9	89,019	27.7	60,282	18.8	15,686	4.9
Tri-County	124,059	37,917	30.6	35,462	28.6	18,944	15.3	5,961	4.8
Vance-Granville	255,312	47,183	18.5	76,282	29.9	46,747	18.3	17,887	7.0
Wake	1,055,697	249,282	23.6	296,723	28.1	262,550	24.9	77,817	7.4
Wayne	324,355	40,619	12.5	88,853	27.4	54,430	16.8	19,147	5.9
Western Piedmont	294,262	65,640	22.3	67,401	22.9	48,791	16.6	16,914	5.7
Wilkes	339,031	69,489	20.5	90,733	26.8	52,400	15.5	17,003	5.0
Wilson	163,701	52,410	32.0	44,320	27.1	34,115	20.8	9,434	5.8
Subtotal	18,943,523	4,300,400	22.7	5,338,855	28.2	3,687,670	19.5	971,209	5.1
Private Institutions									
NC Private Universities									
Barton	350,454	28,852	8.2	24,220	6.9	57,007	16.3	21,578	6.2
Campbell	1,174,598	112,050	9.5	76,028	6.5	171,701	14.6	82,668	7.0
Mars Hill	583,761	56,971	9.8	51,388	8.8	73,313	12.6	29,175	5.0
Pfeiffer	358,948	29,803	8.3	29,152	8.1	44,072	12.3	22,815	6.4
Subtotal	2,467,761	227,676	9.2	180,788	7.3	346,093	14.0	156,236	6.3
Grand Total	71,217,684	6,825,984	9.6	11,929,943	16.8	14,912,573	20.9	3,780,907	5.3

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	%
Public Institutions												
Research Universities I												
NC State	1,703,524	18.6	832,711	9.1	434,833	4.7	29,109	0.3	1,840,196	20.1	177,388	1.9
NC State Veterinary Med	67,703	15.1	11,329	2.5	28,330	6.3	112,468	25.1	-	-	0	0.0
UNC-Chapel Hill	838,579	11.5	838,268	11.5	459,979	6.3	22,909	0.3	1,911,191	26.1	94,412	1.3
UNC-Chapel Hill Hlth Aff.	173,944	6.5	90,658	3.4	30,793	1.1	177,692	6.6	2,450	0.1	200,014	7.5
Subtotal	2,783,750	14.2	1,772,966	9.0	953,935	4.9	342,178	1.7	3,753,837	19.1	471,814	2.4
Doctoral Universities I and II												
East Carolina	366,840	10.9	331,531	9.8	171,389	5.1	6,717	0.2	853,432	25.3	149,386	4.4
East Carolina Hlth Aff.	115,749	10.1	23,311	2.0	25,037	2.2	229,343	19.9	-	-	0	0.0
NC A&T	289,363	12.7	233,458	10.3	211,815	9.3	12,809	0.6	425,339	18.7	7,055	0.3
UNC Charlotte	238,078	5.9	359,666	8.9	70,870	1.8	7,459	0.2	1,223,576	30.4	274,838	6.8
UNC Greensboro	127,454	3.7	515,229	15.1	269,535	7.9	12,316	0.4	1,088,186	31.8	115,477	3.4
Subtotal	1,137,484	8.0	1,463,195	10.3	748,646	5.3	268,644	1.9	3,590,533	25.2	546,756	3.8
Master's (Comprehensive) Universities and Colleges I												
Appalachian	394,875	14.7	389,496	14.5	83,410	3.1	11,733	0.4	717,531	26.7	10,365	0.4
Fayetteville	76,141	8.4	117,690	13.0	19,413	2.2	2,319	0.3	211,793	23.5	41,029	4.5
NC Central	126,492	8.6	159,983	10.8	26,300	1.8	2,805	0.2	338,126	22.9	131,469	8.9
UNC Pembroke	88,959	8.5	128,025	12.3	51,500	4.9	5,020	0.5	349,465	33.4	41,390	4.0
UNC Wilmington	226,307	9.0	240,399	9.6	78,533	3.1	7,876	0.3	968,167	38.6	15,102	0.6
Western Carolina	210,103	9.9	317,574	15.0	63,144	3.0	3,246	0.2	723,896	34.2	46,435	2.2
Winston-Salem	108,576	8.6	158,303	12.6	69,091	5.5	6,728	0.5	441,125	35.1	36,602	2.9
Subtotal	1,231,453	10.3	1,511,470	12.6	391,391	3.3	39,727	0.3	3,750,103	31.3	322,392	2.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
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	11.9	120,046	13.3	38,626	4.3	3,088	0.3	233,380	25.9	12,344	1.4
Subtotal	199,087	11.3	218,576	12.4	55,339	3.1	4,662	0.3	536,737	30.4	71,822	4.1
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	2.9	127,227	15.6	82,832	10.1	3,073	0.4	159,301	19.5	40,682	5.0
Subtotal	23,826	2.9	127,227	15.6	82,832	10.1	3,073	0.4	159,301	19.5	40,682	5.0
Teaching Hospitals												
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
Subtotal	32,493	2.4	62,294	4.6	85,493	6.3	736,524	54.2	3,785	0.3	41,893	3.1
Community Colleges												
Alamance	5,856	2.1	18,143	6.4	8,626	3.1	-	-	-	-	0	0.0
Asheville-Buncombe	16,094	2.6	57,617	9.3	17,411	2.8	3,870	0.6	-	-	52,987	8.6
Beaufort Co.	4,902	2.6	27,412	14.3	10,635	5.5	-	-	-	-	0	0.0
Bladen	1,155	1.1	12,442	11.4	8,176	7.5	-	-	-	-	781	0.7
Blue Ridge	10,719	3.1	53,079	15.5	12,157	3.5	-	-	-	-	3,768	1.1
Brunswick	29,576	11.9	67,433	27.1	12,001	4.8	112	0.0	-	-	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	78,089	10.6	39,750	5.4	526	0.1	756	0.1	3,437	0.5
Carteret	7,209	4.2	9,683	5.7	7,477	4.4	-	-	-	-	0	0.0
Catawba Valley	37,801	9.2	39,148	9.6	2,633	0.6	417	0.1	-	-	3,317	0.8
Central Carolina	11,379	2.8	48,876	12.2	2,662	0.7	1,954	0.5	-	-	0	0.0
Central Piedmont	32,260	2.3	133,111	9.6	74,983	5.4	-	-	-	-	43,688	3.1
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	12,961	5.5	-	-	-	-	0	0.0
Coll. of Albemarle	-	-	37,734	13.9	13,255	4.9	2,324	0.9	-	-	56,873	21.0
Craven	1,875	0.9	18,860	8.9	1,814	0.9	-	-	-	-	0	0.0
Davidson County	17,805	5.6	28,187	8.9	20,565	6.5	142	0.0	-	-	0	0.0
Durham	2,319	0.7	21,128	6.2	40,721	12.0	-	-	-	-	0	0.0
Edgecombe	770	0.4	40,676	20.1	8,457	4.2	-	-	-	-	88	0.0
Fayetteville	32,156	4.6	52,942	7.6	29,273	4.2	-	-	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	55,197	7.3
Gaston	15,606	3.2	55,957	11.6	14,326	3.0	748	0.2	-	-	0	0.0
Guilford	25,054	2.1	87,290	7.4	35,703	3.0	529	0.0	-	-	332,920	28.0

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	%
Halifax	7,060	3.8	41,002	21.9	8,582	4.6	-	-	-	-	0	0.0
Haywood	5,500	2.2	50,437	20.1	13,745	5.5	946	0.4	-	-	5,634	2.2
Isothermal	22,920	9.6	35,146	14.7	17,330	7.2	-	-	-	-	0	0.0
James Sprunt	3,795	3.0	11,919	9.4	4,056	3.2	-	-	-	-	350	0.3
Johnston	8,584	2.7	50,688	15.7	22,537	7.0	-	-	-	-	4,747	1.5
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	5,369	3.2	-	-	-	-	0	0.0
Mayland	572	0.3	16,167	8.8	5,909	3.2	-	-	-	-	60,881	33.3
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	2.0	16,891	17.6	2,452	2.6	-	-	-	-	5,342	5.6
Nash	12,562	5.5	31,907	14.1	7,607	3.4	-	-	-	-	0	0.0
Pamlico	154	0.3	9,361	17.1	3,839	7.0	-	-	-	-	0	0.0
Piedmont	-	-	15,559	11.1	13,268	9.5	-	-	-	-	0	0.0
Pitt	18,112	4.2	20,901	4.8	17,790	4.1	-	-	-	-	15,950	3.7
Randolph	5,152	1.7	37,739	12.7	37,933	12.7	-	-	-	-	3,170	1.1
Richmond	989	0.6	41,630	23.8	5,824	3.3	226	0.1	-	-	0	0.0
Roanoke-Chowan	9,970	8.4	15,437	13.0	9,161	7.7	-	-	-	-	0	0.0
Robeson	2,054	1.0	43,070	21.0	6,083	3.0	-	-	-	-	544	0.3
Rockingham	35,998	15.7	25,573	11.1	7,861	3.4	964	0.4	-	-	0	0.0
Rowan-Cabarrus	4,310	1.2	40,047	10.8	13,684	3.7	2,805	0.8	-	-	6,706	1.8
Sampson	1,140	0.8	23,599	17.0	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	50,954	15.5	8,697	2.7	107	0.0	-	-	99,676	30.4
Southeastern	11,054	6.0	16,677	9.1	6,829	3.7	-	-	-	-	2,201	1.2
Southwestern	18,202	9.1	26,832	13.4	8,397	4.2	-	-	-	-	1,404	0.7
Stanly	1,885	1.2	20,833	13.7	6,797	4.5	130	0.1	-	-	0	0.0
Surry	17,276	5.4	27,914	8.7	11,889	3.7	-	-	-	-	0	0.0
Tri-County	-	-	16,853	13.6	8,922	7.2	-	-	-	-	0	0.0
Vance-Granville	2,710	1.1	43,455	17.0	9,365	3.7	-	-	-	-	11,683	4.6
Wake	72,134	6.8	58,218	5.5	38,914	3.7	-	-	-	-	59	0.0
Wayne	9,214	2.8	32,209	9.9	15,143	4.7	1,768	0.5	-	-	62,972	19.4
Western Piedmont	5,178	1.8	30,551	10.4	13,455	4.6	-	-	-	-	46,332	15.7
Wilkes	20,924	6.2	55,136	16.3	22,893	6.8	1,282	0.4	-	-	9,171	2.7
Wilson	229	0.1	14,676	9.0	8,517	5.2	-	-	-	-	0	0.0
Subtotal	728,804	3.8	2,156,987	11.4	839,241	4.4	19,250	0.1	6,984	0.0	894,123	4.7
Private Institutions												
NC Private Universities												
Barton	50,010	14.3	55,955	16.0	7,677	2.2	741	0.2	104,414	29.8	0	0.0
Campbell	133,067	11.3	148,321	12.6	21,724	1.8	2,964	0.3	419,085	35.7	6,990	0.6
Mars Hill	44,666	7.7	127,849	21.9	16,634	2.8	2,379	0.4	165,217	28.3	16,169	2.8
Pfeiffer	41,288	11.5	42,389	11.8	11,930	3.3	338	0.1	108,325	30.2	28,836	8.0
Subtotal	269,031	10.9	374,514	15.2	57,965	2.3	6,422	0.3	797,041	32.3	51,995	2.1
Grand Total	6,405,928	9.0	7,687,229	10.8	3,214,842	4.5	1,420,480	2.0	12,598,321	17.7	2,441,477	3.4

TABLE 16:

**ASSIGNABLE SQUARE FEET PER STUDENT STATION
FOR CLASSROOMS**

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

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

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

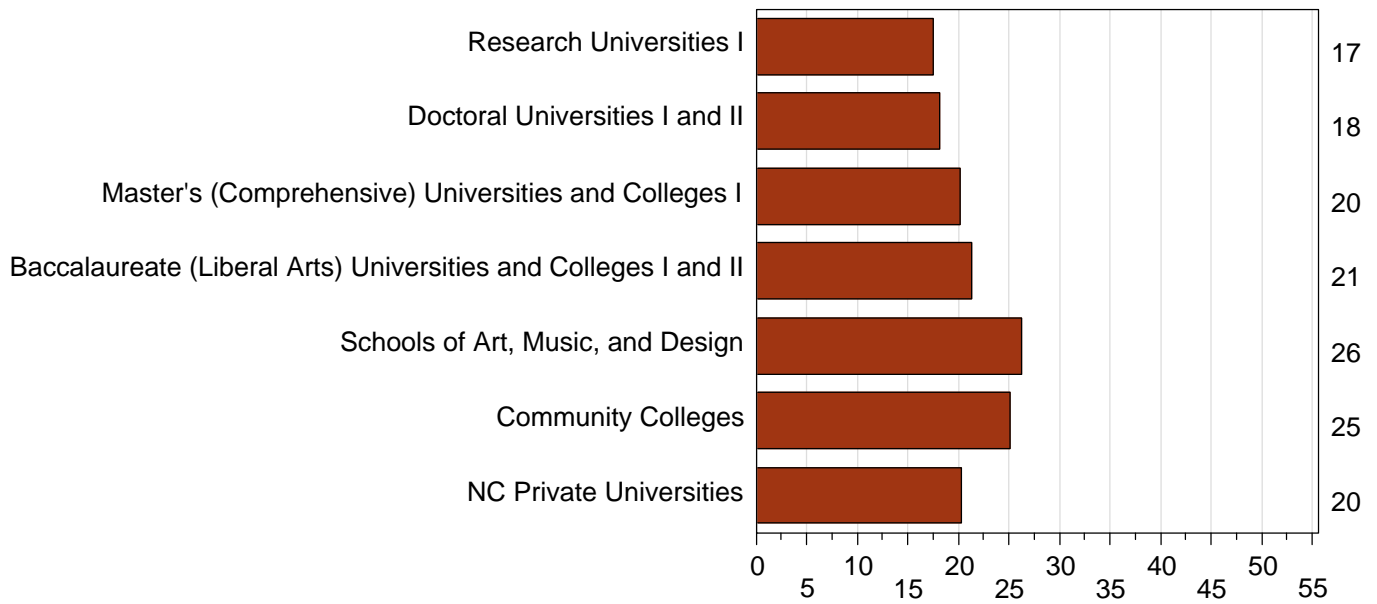
Assignable Square Feet per Station Criteria

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

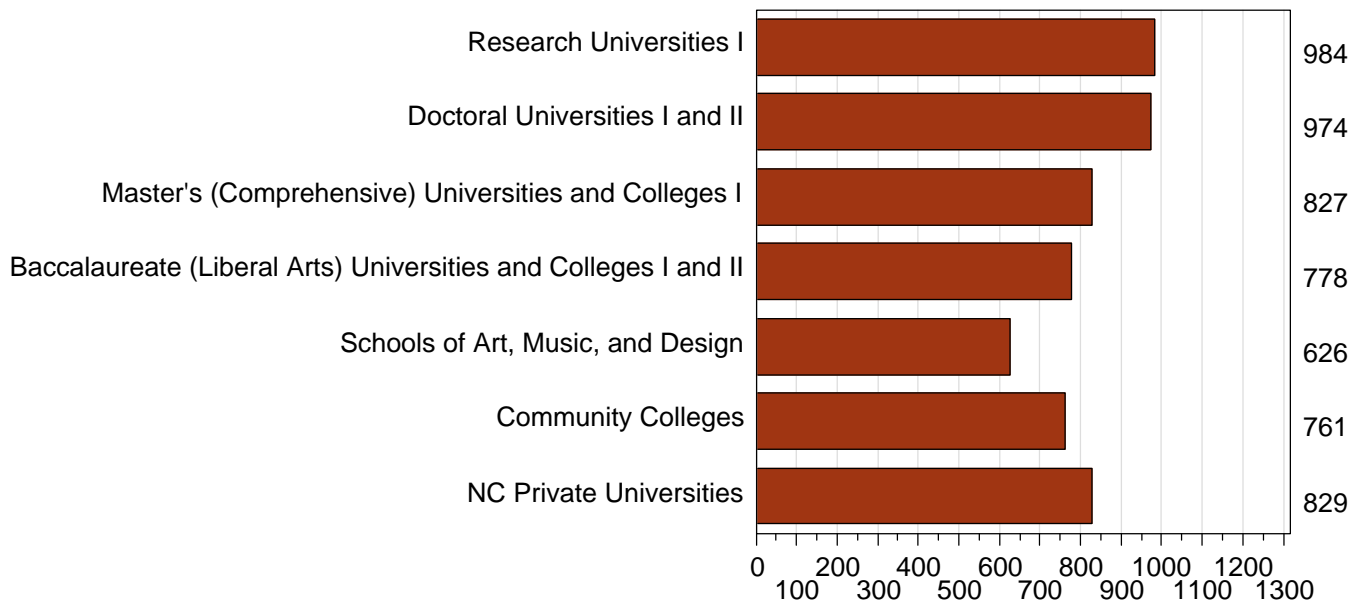


Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2017	2016	2015	2014	2013
Public Institutions									
Research Universities I									
NC State	231	14,431	62	249,101	17	17	17	17	17
NC State Veterinary Med	5	401	80	7,343	18	18	18	18	18
UNC-Chapel Hill	280	14,586	52	255,161	17	17	17	17	17
UNC-Chapel Hill Hlth Aff.	86	4,494	52	80,946	18	18	19	19	18
Subtotal	602	33,912	56	592,551	17	17	18	17	17
Doctoral Universities I and II									
East Carolina	191	9,849	52	173,137	18	17	17	17	18
East Carolina Hlth Aff.	41	2,138	52	41,543	19	20	22	20	20
NC A&T	150	6,933	46	135,792	20	20	20	19	19
UNC Charlotte	215	12,161	57	226,997	19	18	18	18	18
UNC Greensboro	149	8,808	59	149,094	17	17	17	17	17
Subtotal	746	39,889	53	726,563	18	18	18	18	18
Master's (Comprehensive) Universities and Colleges I									
Appalachian	215	8,721	41	173,025	20	20	20	20	20
Fayetteville	66	2,633	40	53,760	20	20	20	20	20
NC Central	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	146	6,569	45	133,434	20	26	20	20	20
Western Carolina	108	4,584	42	92,981	20	21	21	21	21
Winston-Salem	80	3,289	41	65,453	20	20	20	20	19
Subtotal	874	35,855	41	723,004	20	21	20	20	20
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	81	2,998	37	64,221	21	21	21	20	19
UNC Asheville	66	2,355	36	50,100	21	21	22	22	22
Subtotal	147	5,353	36	114,321	21	21	21	21	20
Schools of Art, Music, and Design									
UNC School of the Arts	48	1,147	24	30,062	26	26	24	25	25
Subtotal	48	1,147	24	30,062	26	26	24	25	25
Community Colleges									
Alamance	105	3,221	31	74,397	23	23	23	23	23
Asheville-Buncombe	117	3,502	30	95,475	27	27	26	26	26
Beaufort Co.	51	2,103	41	42,622	20	20	20	20	20
Bladen	34	879	26	19,911	23	23	23	22	23
Blue Ridge	108	2,625	24	84,477	32	30	31	31	31
Brunswick	84	2,074	25	61,158	29	31	30	24	24
Caldwell	112	3,278	29	91,047	28	28	28	28	28
Cape Fear	158	4,876	31	134,564	28	27	25	26	27
Carteret	64	1,494	23	42,088	28	28	28	28	28
Catawba Valley	106	3,091	29	84,964	27	26	26	26	25
Central Carolina	174	4,999	29	118,666	24	24	24	24	24
Central Piedmont	398	11,866	30	359,277	30	29	29	29	29
Cleveland	62	1,931	31	43,750	23	23	23	23	23
Coastal Carolina	102	3,026	30	74,815	25	25	25	23	21
Coll. of Albemarle	60	1,507	25	47,924	32	33	33	33	30
Craven	83	1,943	23	51,462	26	27	27	28	28
Davidson County	97	2,962	31	72,775	25	24	24	24	24
Durham	110	3,233	29	82,352	25	26	22	22	22
Edgecombe	75	1,886	25	38,479	20	20	20	20	20
Fayetteville	242	9,854	41	180,521	18	18	17	17	17
Forsyth	209	6,018	29	147,385	24	24	24	24	24
Gaston	131	4,269	33	107,430	25	23	23	23	23
Guilford	289	8,635	30	205,918	24	24	24	24	24
Halifax	48	1,309	27	38,016	29	29	29	29	29
Haywood	32	800	25	21,796	27	26	24	24	24
Isothermal	62	2,008	32	47,370	24	24	23	23	23
James Sprunt	42	1,024	24	30,975	30	30	31	24	24

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					
					2017	2016	2015	2014	2013	
Johnston	101	3,152	31	73,517	23	24	23	23	24	
Lenoir	100	2,798	28	70,573	25	25	25	25	25	
Martin	27	739	27	22,149	30	30	30	29	29	
Mayland	48	1,239	26	31,853	26	26	26	26	26	
McDowell	47	1,361	29	34,695	25	23	23	23	21	
Mitchell	95	2,800	29	63,744	23	23	23	23	23	
Montgomery	22	652	30	15,761	24	23	23	24	24	
Nash	91	2,728	30	68,319	25	25	25	24	24	
Pamlico	14	303	22	10,111	33	33	33	29	29	
Piedmont	52	1,297	25	36,087	28	28	28	28	28	
Pitt	98	3,330	34	83,906	25	25	25	25	25	
Randolph	99	2,740	28	66,864	24	24	24	24	24	
Richmond	49	1,684	34	37,015	22	22	22	21	21	
Roanoke-Chowan	31	782	25	17,759	23	23	21	21	20	
Robeson	48	1,374	29	35,956	26	26	26	26	25	
Rockingham	42	1,331	32	31,109	23	23	23	22	23	
Rowan-Cabarrus	147	3,951	27	110,295	28	27	25	24	24	
Sampson	36	1,175	33	28,117	24	23	23	23	23	
Sandhills	127	4,145	33	99,508	24	24	24	24	23	
South Piedmont	62	1,550	25	46,709	30	30	30	31	26	
Southeastern	57	2,133	37	45,179	21	21	22	22	22	
Southwestern	56	1,384	25	40,517	29	29	29	29	29	
Stanly	52	1,846	36	37,867	21	21	20	19	17	
Surry	120	3,524	29	94,686	27	27	27	26	26	
Tri-County	54	1,346	25	37,111	28	28	27	27	27	
Vance-Granville	63	1,990	32	46,162	23	23	23	23	23	
Wake	278	9,872	36	242,024	25	25	24	23	23	
Wayne	58	1,840	32	39,406	21	21	21	21	21	
Western Piedmont	64	2,182	34	64,582	30	28	28	28	31	
Wilkes	100	3,205	32	67,577	21	22	21	19	19	
Wilson	62	2,102	34	51,441	24	22	23	23	23	
Subtotal	5,455	164,968	30	4,150,213	25	25	24	24	24	
Private Institutions										
NC Private Universities										
Barton	40	1,678	42	27,919	17	17	17	17	17	
Campbell	100	5,567	56	108,151	19	19	19	19	19	
Mars Hill	83	2,369	29	55,958	24	24	22	22	22	
Pfeiffer	44	1,249	28	29,188	23	21	21	21	21	
Subtotal	267	10,863	41	221,216	20	20	20	20	20	
Grand Total	8,139	291,987	36	6,557,930	22	22	22	22	22	

TABLE 17:

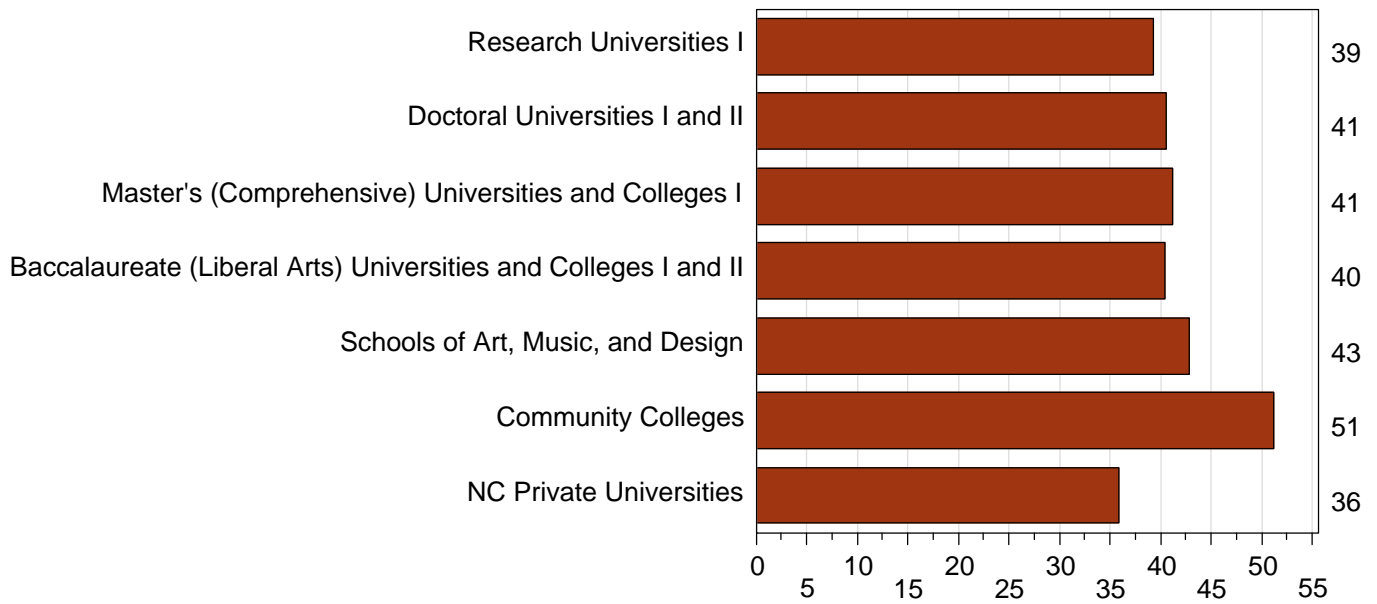
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

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 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 Architecture, Health Professions, Library Science, and Physical Sciences).
Moderately Intensive - 50 ASF	(Includes Agriculture, Biological Sciences, Communications, Computer/Information Technologies, Education, Art, Home Economics, Law, Psychology).
Non-Intensive - 33 ASF	(Includes Business, Cinematography, Music, Languages, Letters, Mathematics, Public Affairs, Social Sciences).

In Class Laboratories Assignable Square Footage per Student Station



In Class Laboratories Average Room Size

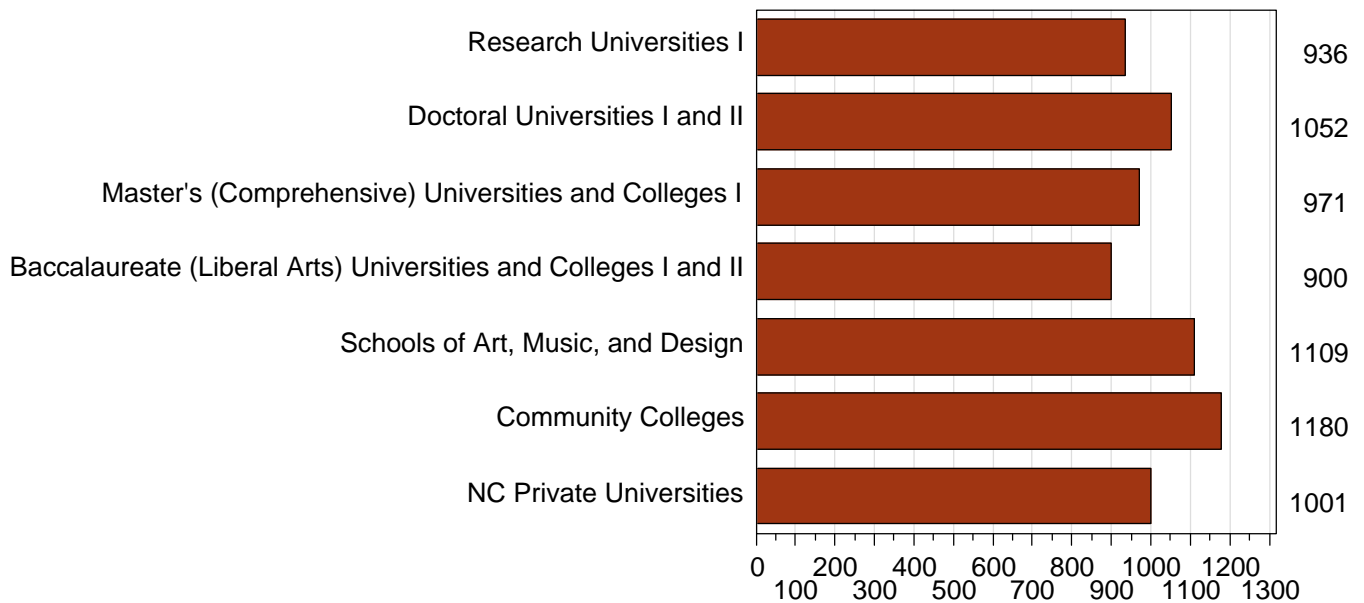


Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2017	2016	2015	2014	2013
Public Institutions									
Research Universities I									
NC State	248	6,483	26	269,177	42	41	41	41	42
NC State Veterinary Med	8	236	30	11,366	48	48	51	55	55
UNC-Chapel Hill	108	2,955	27	97,457	33	33	33	33	37
UNC-Chapel Hill Hlth Aff.	101	1,421	14	57,462	40	40	40	38	42
Subtotal	465	11,095	24	435,462	39	39	39	39	41
Doctoral Universities I and II									
East Carolina	168	4,456	27	161,410	36	36	38	37	38
East Carolina Hlth Aff.	50	972	19	41,147	42	42	42	40	45
NC A&T	99	2,370	24	95,207	40	40	40	40	39
UNC Charlotte	143	3,849	27	156,869	41	40	39	39	44
UNC Greensboro	83	2,420	29	116,609	48	48	48	48	48
Subtotal	543	14,067	26	571,242	41	40	41	40	42
Master's (Comprehensive) Universities and Colleges I									
Appalachian	129	2,899	22	126,420	44	44	44	44	44
Fayetteville	51	1,418	28	52,221	37	37	37	37	37
NC Central	65	1,387	21	59,580	43	43	43	42	42
UNC Pembroke	31	689	22	28,639	42	42	42	42	42
UNC Wilmington	96	2,189	23	87,008	40	38	38	39	39
Western Carolina	83	2,175	26	95,797	44	44	44	45	44
Winston-Salem	53	1,209	23	43,703	36	36	36	36	35
Subtotal	508	11,966	24	493,368	41	41	41	41	41
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	67	1,469	22	51,249	35	34	34	38	38
UNC Asheville	25	576	23	31,558	55	41	41	43	44
Subtotal	92	2,045	22	82,807	40	36	36	39	40
Schools of Art, Music, and Design									
UNC School of the Arts	74	1,915	26	82,095	43	43	50	51	52
Subtotal	74	1,915	26	82,095	43	43	50	51	52
Community Colleges									
Alamance	68	1,749	26	96,761	55	45	45	45	45
Asheville-Buncombe	124	3,205	26	155,180	48	47	47	48	48
Beaufort Co.	34	1,146	34	51,638	45	40	38	39	40
Bladen	27	635	24	31,013	49	49	49	50	53
Blue Ridge	66	1,285	19	89,903	70	70	71	72	72
Brunswick	15	373	25	19,262	52	52	52	56	56
Caldwell	66	1,464	22	85,355	58	58	59	52	54
Cape Fear	140	3,364	24	173,250	52	49	49	48	49
Carteret	45	1,024	23	52,898	52	52	52	52	52
Catawba Valley	97	2,019	21	114,927	57	49	49	49	50
Central Carolina	103	2,333	23	96,996	42	41	41	40	42
Central Piedmont	177	4,360	25	257,136	59	58	58	59	63
Cleveland	64	1,470	23	60,011	41	40	39	37	38
Coastal Carolina	55	1,418	26	58,503	41	41	41	41	45
Coll. of Albemarle	56	982	18	60,528	62	58	59	59	61
Craven	42	1,082	26	58,711	54	54	54	58	58
Davidson County	57	1,512	27	62,700	41	41	42	39	39
Durham	78	1,672	21	83,480	50	50	45	46	46
Edgecombe	63	1,327	21	58,372	44	44	47	47	48
Fayetteville	176	4,395	25	187,382	43	43	44	42	42
Forsyth	147	3,300	22	197,257	60	60	63	60	60
Gaston	76	1,693	22	94,544	56	48	47	43	43
Guilford	183	4,008	22	197,449	49	49	50	50	49
Halifax	27	586	22	35,572	61	61	61	61	61
Haywood	67	1,235	18	70,515	57	64	55	57	58
Isothermal	45	979	22	47,836	49	49	49	49	49
James Sprunt	25	367	15	25,998	71	72	61	41	41

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					
					2017	2016	2015	2014	2013	
Johnston	43	1,122	26	54,842	49	50	50	50	49	
Lenoir	70	1,742	25	75,521	43	44	44	44	44	
Martin	25	578	23	32,022	55	55	55	55	55	
Mayland	23	454	20	27,013	60	60	60	51	52	
McDowell	25	693	28	44,169	64	68	68	68	49	
Mitchell	38	927	24	45,577	49	47	46	46	46	
Montgomery	18	341	19	16,225	48	49	51	56	56	
Nash	43	947	22	44,829	47	48	48	49	50	
Pamlico	17	314	18	13,221	42	42	42	41	41	
Piedmont	28	772	28	29,971	39	39	39	39	39	
Pitt	113	2,114	19	132,878	63	66	68	69	68	
Randolph	54	1,298	24	78,157	60	64	63	64	62	
Richmond	39	878	23	39,604	45	45	45	45	47	
Roanoke-Chowan	22	451	21	24,080	53	53	48	49	49	
Robeson	40	896	22	49,546	55	50	50	50	48	
Rockingham	44	872	20	59,905	69	69	62	55	53	
Rowan-Cabarrus	45	993	22	60,647	61	59	55	55	55	
Sampson	23	504	22	32,480	64	59	59	59	59	
Sandhills	59	1,284	22	59,636	46	46	45	43	43	
South Piedmont	37	878	24	37,914	43	43	43	43	43	
Southeastern	32	854	27	33,132	39	39	38	38	38	
Southwestern	49	783	16	44,787	57	57	57	56	56	
Stanly	25	866	35	29,209	34	33	34	30	33	
Surry	48	1,240	26	68,225	55	55	55	60	60	
Tri-County	28	586	21	29,361	50	50	53	54	54	
Vance-Granville	65	1,737	27	67,317	39	39	39	40	39	
Wake	224	4,882	22	251,051	51	50	51	51	52	
Wayne	56	1,495	27	64,623	43	44	44	44	38	
Western Piedmont	46	940	20	45,529	48	49	49	49	49	
Wilkes	43	1,143	27	67,486	59	59	59	54	43	
Wilson	34	920	27	40,330	44	46	46	47	46	
Subtotal	3,579	82,487	23	4,222,464	51	50	50	50	49	
Private Institutions										
NC Private Universities										
Barton	20	475	24	17,122	36	36	36	36	36	
Campbell	40	1,431	36	45,564	32	32	28	28	28	
Mars Hill	29	762	26	29,810	39	39	39	39	39	
Pfeiffer	22	426	19	18,599	44	44	44	44	44	
Subtotal	111	3,094	28	111,095	36	36	34	34	34	
Grand Total	5,372	126,669	24	5,998,533	47	47	47	46	47	

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**Christine F. Price Center for Counseling and Psychological Services
UNC Charlotte**

After 50 years of sharing space in the Atkins Library, Counseling and Psychological Services (CAPS), formerly known as the Counseling Center, has a new home. The completed 10,800 square-foot facility contains space for all counselors and trainees, three group rooms, a conference room, a large welcome area and room to grow. Group spaces are one of the biggest advantages of the new facility. They can be used for therapy groups or educational workshops. The location also facilitates stronger partnerships with the Student Health Center and the Center for Wellness Promotion to provide better continuity of care. With space no longer being a concern, CAPS can focus on helping students be successful in a building created just for them.

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

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TABLE 18:
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions that use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under 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 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. Ownership of the private institutions resides with the institution's trustees.

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 GSF	%	Institution Amortization GSF	%	Holding Co. Amortization GSF	%	Leased or Rented GSF	%	Nominal Rate GSF	%			GSF
Public Institutions													
Research Universities I													
NC State ***	13,236,145	80.1	2,645,364	16.0	3,031	0.0	439,879	2.7	204,600	1.2	2,369	0.0	16,531,388
NC State Veterinary Med	867,530	97.6	-	-	-	-	21,143	2.4	-	-	-	-	888,673
UNC-Chapel Hill ***	13,028,287	98.3	-	-	68,760	0.5	127,908	1.0	12,549	0.1	10,287	0.1	13,247,791
UNC-Chapel Hill Health Aff.**	6,072,413	86.8	537,875	7.7	128,275	1.8	255,851	3.7	-	-	-	-	6,994,414
Subtotal	33,204,375	88.2	3,183,239	8.5	200,066	0.5	844,781	2.2	217,149	0.6	12,656	0.0	37,662,266
Doctoral Universities I and II													
East Carolina	4,972,700	95.9	-	-	1,806	0.0	87,231	1.7	26,090	0.5	95,460	1.8	5,183,287
East Carolina Hlth Aff.	1,593,860	84.9	-	-	-	-	238,715	12.7	3,593	0.2	41,356	2.2	1,877,524
NC A&T	3,107,680	95.5	-	-	-	-	54,007	1.7	-	-	92,337	2.8	3,254,024
UNC Charlotte	5,051,951	52.7	4,404,801	45.9	137,999	1.4	-	-	-	-	-	-	9,594,751
UNC-Greensboro**	6,388,922	94.8	-	-	1,657	0.0	304,265	4.5	5,159	0.1	40,985	0.6	6,740,988
Subtotal	21,115,113	79.2	4,404,801	16.5	141,462	0.5	684,218	2.6	34,842	0.1	270,138	1.0	26,650,574
Master's (Comprehensive) Universities and Colleges I													
Appalachian	3,135,534	65.8	1,621,026	34.0	-	-	7,010	0.1	-	-	-	-	4,763,570
Fayetteville	1,233,136	83.5	243,574	16.5	-	-	-	-	-	-	-	-	1,476,710
NC Central	2,147,206	94.1	134,292	5.9	-	-	-	-	-	-	-	-	2,281,498
UNC Pembroke	1,344,595	84.7	-	-	89,078	5.6	153,015	9.6	-	-	-	-	1,586,688
UNC Wilmington	2,951,365	73.5	324,386	8.1	738,804	18.4	689	0.0	-	-	-	-	4,015,244
Western Carolina	2,190,930	66.0	673,451	20.3	431,581	13.0	24,975	0.8	-	-	-	-	3,320,937
Winston-Salem	1,243,249	64.0	184,308	9.5	441,407	22.7	74,668	3.8	-	-	-	-	1,943,632
Subtotal	14,246,015	73.5	3,181,037	16.4	1,700,870	8.8	260,357	1.3	-	-	-	-	19,388,279
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	1,088,834	83.7	66,576	5.1	145,678	11.2	-	-	-	-	-	-	1,301,088
UNC Asheville	1,256,934	80.0	302,772	19.3	-	-	11,575	0.7	-	-	-	-	1,571,281
Subtotal	2,345,768	81.7	369,348	12.9	145,678	5.1	11,575	0.4	-	-	-	-	2,872,369
Schools of Art, Music, and 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	146,864	98.3	-	-	-	-	2,520	1.7	-	-	-	-	149,384
Blue Ridge	490,915	100.0	-	-	-	-	-	-	-	-	-	-	490,915
Brunswick	389,136	100.0	-	-	-	-	-	-	-	-	-	-	389,136
Caldwell	526,311	100.0	-	-	-	-	-	-	-	-	-	-	526,311
Cape Fear	1,863,938	99.9	-	-	-	-	2,600	0.1	-	-	-	-	1,866,538
Carteret**	217,402	90.7	-	-	-	-	11,076	4.6	-	-	11,150	4.7	239,628
Catawba Valley	495,460	80.4	63,788	10.3	-	-	37,500	6.1	19,625	3.2	-	-	616,373
Central Carolina	441,082	76.2	-	-	-	-	-	-	138,096	23.8	-	-	579,178
Central Piedmont	3,235,020	97.0	-	-	-	-	101,055	3.0	-	-	-	-	3,336,075
Cleveland	295,213	93.7	-	-	-	-	-	-	19,826	6.3	-	-	315,039
Coastal Carolina	360,644	100.0	-	-	-	-	-	-	-	-	-	-	360,644
Coll. of Albemarle	336,377	84.2	-	-	-	-	-	-	63,271	15.8	-	-	399,648
Craven	312,947	98.9	-	-	-	-	-	-	3,498	1.1	-	-	316,445
Davidson County	452,511	97.1	-	-	-	-	13,594	2.9	-	-	-	-	466,105
Durham	493,195	98.1	-	-	-	-	9,364	1.9	-	-	-	-	502,559
Edgecombe	296,339	98.8	-	-	-	-	3,654	1.2	-	-	-	-	299,993
Fayetteville*	934,585	88.7	-	-	-	-	86,748	8.2	5,690	0.5	26,402	2.5	1,053,425
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

* 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		Other		
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Guilford	1,829,720	96.4	-	-	-	-	67,389	3.6	110	0.0	1,057	0.1	1,898,276
Halifax	268,984	97.7	-	-	-	-	6,337	2.3	-	-	-	-	275,321
Haywood	370,892	100.0	-	-	-	-	-	-	-	-	-	-	370,892
Isothermal	299,225	84.6	-	-	-	-	54,422	15.4	-	-	-	-	353,647
James Sprunt	167,277	94.7	-	-	-	-	4,329	2.5	5,000	2.8	-	-	176,606
Johnston	386,133	85.2	-	-	-	-	27,300	6.0	39,773	8.8	-	-	453,206
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	129,642	96.8	-	-	-	-	4,224	3.2	-	-	-	-	133,866
Nash	341,306	99.5	-	-	-	-	1,810	0.5	-	-	-	-	343,116
Pamlico	86,035	100.0	-	-	-	-	-	-	-	-	-	-	86,035
Piedmont	175,509	99.0	-	-	-	-	1,750	1.0	-	-	-	-	177,259
Pitt	678,910	100.0	-	-	-	-	-	-	-	-	-	-	678,910
Randolph	398,347	98.6	-	-	-	-	5,475	1.4	-	-	-	-	403,822
Richmond	244,209	100.0	-	-	-	-	-	-	-	-	-	-	244,209
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	489,172	83.4	66,840	11.4	-	-	30,751	5.2	-	-	-	-	586,763
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	247,000	100.0	-	-	-	-	-	-	-	-	-	-	247,000
Southwestern	297,939	100.0	-	-	-	-	-	-	-	-	-	-	297,939
Stanly	190,891	82.4	-	-	-	-	11,920	5.1	-	-	28,875	12.5	231,686
Surry	386,062	83.5	-	-	-	-	-	-	76,495	16.5	-	-	462,557
Tri-County	148,889	90.6	-	-	-	-	-	-	15,500	9.4	-	-	164,389
Vance-Granville	397,903	98.0	-	-	-	-	8,306	2.0	-	-	-	-	406,209
Wake	2,182,600	93.1	-	-	-	-	130,387	5.6	32,150	1.4	-	-	2,345,137
Wayne	390,816	81.1	-	-	-	-	-	-	90,861	18.9	-	-	481,677
Western Piedmont	307,739	75.3	-	-	-	-	8,680	2.1	92,382	22.6	-	-	408,801
Wilkes	473,446	97.0	-	-	-	-	14,737	3.0	-	-	-	-	488,183
Wilson	246,125	98.7	-	-	-	-	-	-	3,240	1.3	-	-	249,365
Subtotal	29,109,447	94.3	130,628	0.4	8,379	0.0	799,865	2.6	746,762	2.4	73,532	0.2	30,868,613
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,731,082	100.0	-	-	-	-	-	-	-	-	-	-	1,731,082
Mars Hill	876,442	100.0	-	-	-	-	-	-	-	-	-	-	876,442
Pfeiffer	441,806	83.9	58,131	11.0	-	-	26,674	5.1	-	-	-	-	526,611
Subtotal	3,544,496	97.7	58,131	1.6	-	-	26,674	0.7	-	-	-	-	3,629,301
Grand Total	107,014,59	85.8	11,429,966	9.2	2,276,895	1.8	2,688,045	2.2	1,009,806	0.8	363,897	0.3	124,783,205

6

* Other is Category 6

** Other is Category 7

*** Other is Category 8

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

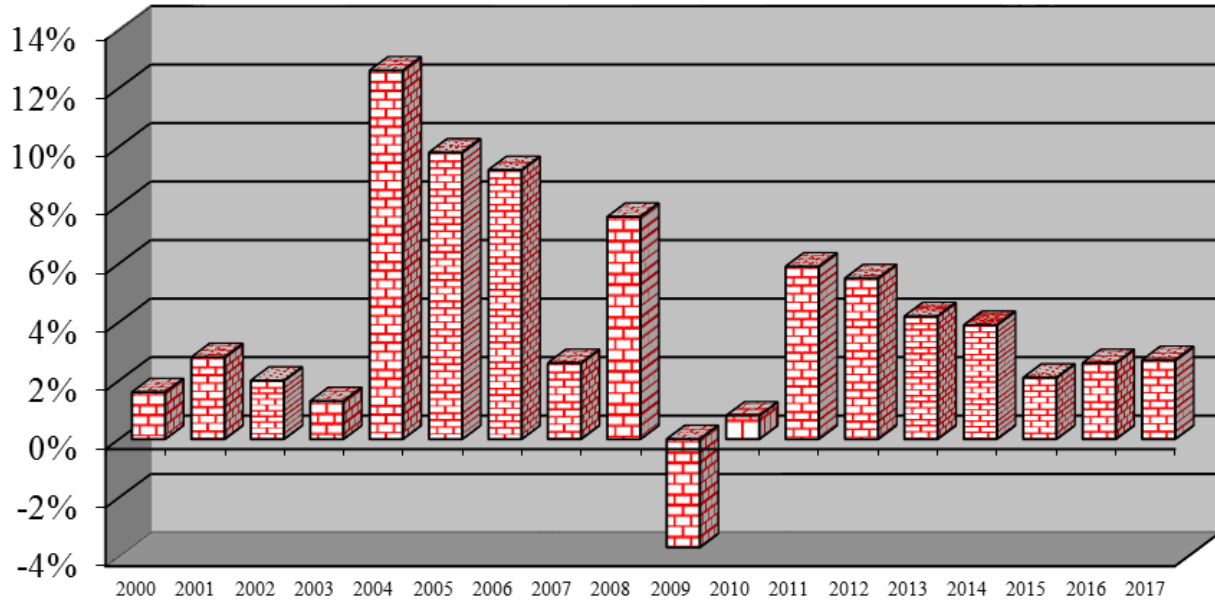
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility that is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings that are purchased, the acquisition cost is applicable.

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 2017 factor applied to the estimated replacement values for the current year.

<u>Annual</u>		<u>Annual</u>		<u>Annual</u>	
<u>Year</u>	<u>Increase</u>	<u>Year</u>	<u>Increase</u>	<u>Year</u>	<u>Increase</u>
2000	1.6%	2006	9.2%	2012	5.5%
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%

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 & 20. Capital Investment

Institution	Non-Residential Buildings				Residential Buildings			
	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Public Institutions								
Research Universities I								
NC State	1,042	\$985,582,239	\$4,083,399,365	13,489,826	107	\$216,716,721	\$670,316,237	3,041,562
NC State Veterinary Med	43	\$105,808,889	\$336,628,101	888,673	-	-	-	-
UNC-Chapel Hill	325	\$1,335,879,374	\$3,287,248,064	10,107,792	53	\$184,991,021	\$562,629,553	3,139,999
UNC-Chapel Hill Hlth Aff.	105	\$853,553,982	\$2,020,634,055	6,994,066	1	\$8,820	\$50,070	348
Subtotal	1,515	\$3,280,824,484	\$9,727,909,585	31,480,357	161	\$401,716,562	\$1,232,995,860	6,181,909
Doctoral Universities I and II								
East Carolina	150	\$325,822,098	\$1,240,214,162	3,908,201	17	\$103,037,200	\$286,160,050	1,275,086
East Carolina Hlth Aff.	56	\$284,024,718	\$586,499,454	1,877,524	-	-	-	-
NC A&T	107	\$200,908,077	\$839,401,611	2,666,397	14	\$29,173,424	\$143,136,888	587,627
UNC Charlotte	84	\$768,107,837	\$1,528,743,626	7,318,569	35	\$290,821,444	\$463,247,756	2,276,182
UNC Greensboro	109	\$382,891,477	\$1,856,108,528	4,656,936	31	\$121,030,205	\$766,071,304	2,084,052
Subtotal	506	\$1,961,754,207	\$6,050,967,380	20,427,627	97	\$544,062,273	\$1,658,615,998	6,222,947
Master's (Comprehensive) Universities and Colleges I								
Appalachian	71	\$389,984,265	\$950,713,663	3,547,548	21	\$67,617,435	\$222,346,383	1,216,022
Fayetteville	43	\$111,027,269	\$261,002,010	1,124,666	9	\$27,407,381	\$63,041,976	352,044
NC Central	51	\$174,078,332	\$621,616,772	1,555,538	15	\$61,358,438	\$212,137,891	725,960
UNC Pembroke	43	\$124,290,500	\$320,238,608	1,098,333	12	\$39,709,198	\$96,671,440	488,355
UNC Wilmington	119	\$369,798,270	\$681,512,734	2,749,477	47	\$140,478,989	\$249,032,906	1,265,767
Western Carolina	69	\$176,398,764	\$475,281,665	2,113,823	38	\$124,372,555	\$253,078,327	1,207,114
Winston-Salem	39	\$109,328,279	\$284,471,446	1,235,340	15	\$68,580,235	\$134,413,998	708,292
Subtotal	435	\$1,454,905,679	\$3,594,836,898	13,424,725	157	\$529,524,231	\$1,230,722,921	5,963,554
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	41	\$86,739,630	\$261,002,467	914,511	11	\$34,536,863	\$64,716,741	386,577
UNC Asheville	35	\$139,285,833	\$365,959,518	1,160,742	11	\$50,975,293	\$117,628,926	410,539
Subtotal	76	\$226,025,463	\$626,961,985	2,075,253	22	\$85,512,156	\$182,345,667	797,116
Schools of Art, Music, and Design								
UNC School of the Arts	46	\$97,021,127	\$238,475,514	992,472	19	\$10,995,657	\$34,202,456	220,082
Subtotal	46	\$97,021,127	\$238,475,514	992,472	19	\$10,995,657	\$34,202,456	220,082
Teaching Hospitals								
UNC Hospitals	30	\$456,844,106	\$984,896,855	2,499,249	-	-	-	-
Subtotal	30	\$456,844,106	\$984,896,855	2,499,249	-	-	-	-
Community Colleges								
Alamance	15	\$44,867,715	\$192,298,779	448,411	-	-	-	-
Asheville-Buncombe	25	\$160,771,262	\$273,200,640	1,051,033	-	-	-	-
Beaufort Co.	18	\$22,960,710	\$50,144,905	272,813	-	-	-	-
Bladen	22	\$8,648,062	\$25,908,480	149,384	-	-	-	-
Blue Ridge	18	\$79,444,334	\$122,296,395	490,915	-	-	-	-
Brunswick	19	\$43,667,103	\$79,434,100	389,136	-	-	-	-
Caldwell	24	\$47,430,580	\$110,099,047	526,311	-	-	-	-
Cape Fear	36	\$224,679,803	\$379,609,879	1,861,145	1	\$423,000	\$8,758,801	5,393
Carteret	18	\$17,478,813	\$50,535,613	239,628	-	-	-	-
Catawba Valley	19	\$34,675,639	\$105,829,936	616,373	-	-	-	-
Central Carolina	37	\$39,657,295	\$109,419,554	579,178	-	-	-	-
Central Piedmont	58	\$346,882,213	\$670,352,888	3,336,075	-	-	-	-
Cleveland	14	\$22,983,131	\$76,973,053	315,039	-	-	-	-
Coastal Carolina	18	\$32,742,443	\$78,305,856	360,644	-	-	-	-
Coll. of Albemarle	24	\$28,161,752	\$168,084,310	399,648	-	-	-	-
Craven	15	\$31,819,139	\$82,770,131	316,445	-	-	-	-
Davidson County	31	\$27,654,793	\$102,158,821	466,105	-	-	-	-
Durham	17	\$34,355,718	\$91,428,216	502,559	-	-	-	-
Edgecombe	15	\$32,264,669	\$62,850,118	299,993	-	-	-	-
Fayetteville	42	\$73,113,125	\$176,872,597	1,053,425	-	-	-	-
Forsyth	34	\$88,139,943	\$192,998,582	1,096,902	-	-	-	-
Gaston	29	\$96,546,476	\$195,739,209	736,693	-	-	-	-
Guilford	59	\$160,445,006	\$423,990,230	1,898,276	-	-	-	-
Halifax	16	\$17,710,747	\$43,611,259	275,321	-	-	-	-
Haywood	26	\$38,353,809	\$99,908,493	370,892	-	-	-	-
Isothermal	21	\$22,017,786	\$69,172,806	353,647	-	-	-	-

Table 19 & 20. Capital Investment

Institution	Non-Residential Buildings				Residential Buildings			
	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
James Sprunt	12	\$10,244,730	\$30,497,530	176,606	-	-	-	-
Johnston	18	\$37,184,972	\$93,300,246	453,206	-	-	-	-
Lenoir	29	\$25,869,008	\$83,064,125	436,600	-	-	-	-
Martin	11	\$4,861,226	\$24,757,473	228,135	-	-	-	-
Mayland	18	\$14,341,346	\$36,188,503	250,092	-	-	-	-
McDowell	11	\$10,404,072	\$40,110,758	205,440	-	-	-	-
Mitchell	26	\$19,772,528	\$62,874,267	370,582	-	-	-	-
Montgomery	8	\$8,850,023	\$23,143,914	133,866	-	-	-	-
Nash	12	\$34,321,162	\$62,139,876	343,116	-	-	-	-
Pamlico	9	\$8,017,519	\$18,975,366	86,035	-	-	-	-
Piedmont	19	\$12,495,471	\$33,630,995	177,259	-	-	-	-
Pitt	29	\$77,363,513	\$133,883,912	678,910	-	-	-	-
Randolph	31	\$28,352,168	\$66,944,444	403,822	-	-	-	-
Richmond	10	\$23,877,083	\$55,586,428	244,209	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$31,140,750	167,421	-	-	-	-
Robeson	20	\$21,781,650	\$55,293,744	279,660	-	-	-	-
Rockingham	17	\$15,264,868	\$57,133,583	332,733	-	-	-	-
Rowan-Cabarrus	22	\$64,602,998	\$119,990,135	586,763	-	-	-	-
Sampson	14	\$16,606,673	\$38,886,636	199,414	-	-	-	-
Sandhills	29	\$49,475,501	\$106,458,083	510,514	1	\$52,000	\$1,167,152	5,345
South Piedmont	19	\$14,370,493	\$71,904,691	404,558	-	-	-	-
Southeastern	23	\$14,862,069	\$57,526,073	247,000	-	-	-	-
Southwestern	14	\$26,001,951	\$56,267,487	297,939	-	-	-	-
Stanly	15	\$12,860,020	\$47,514,135	231,686	-	-	-	-
Surry	24	\$27,967,296	\$83,416,154	462,557	-	-	-	-
Tri-County	22	\$9,264,907	\$29,666,394	164,389	-	-	-	-
Vance-Granville	22	\$31,600,629	\$83,864,860	406,209	-	-	-	-
Wake	42	\$255,103,719	\$389,512,015	2,345,137	-	-	-	-
Wayne	20	\$36,345,550	\$90,827,785	481,677	-	-	-	-
Western Piedmont	34	\$17,152,455	\$67,383,554	408,801	-	-	-	-
Wilkes	27	\$33,670,419	\$82,471,533	488,183	-	-	-	-
Wilson	17	\$12,503,905	\$43,417,132	249,365	-	-	-	-
Subtotal	1,303	\$2,762,566,763	\$6,311,766,478	30,857,875	2	\$475,000	\$9,925,953	10,738
Private Institutions								
NC Private Universities								
Barton	24	\$46,796,593	\$99,991,729	333,933	7	\$6,425,757	\$29,149,783	161,233
Campbell	57	\$153,544,548	\$273,435,990	1,123,418	77	\$38,044,510	\$111,456,447	607,664
Mars Hill	28	\$45,145,100	\$127,376,919	625,611	16	\$8,299,780	\$43,593,942	250,831
Pfeiffer	26	\$10,351,559	\$66,513,259	357,622	20	\$2,977,738	\$25,098,881	168,989
Subtotal	135	\$255,837,800	\$567,317,897	2,440,584	120	\$55,747,785	\$209,299,053	1,188,717
Grand Total	4,046	\$10,495,779,628	\$28,103,132,593	104,198,141	578	\$1,628,033,665	\$4,558,107,907	20,585,064

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

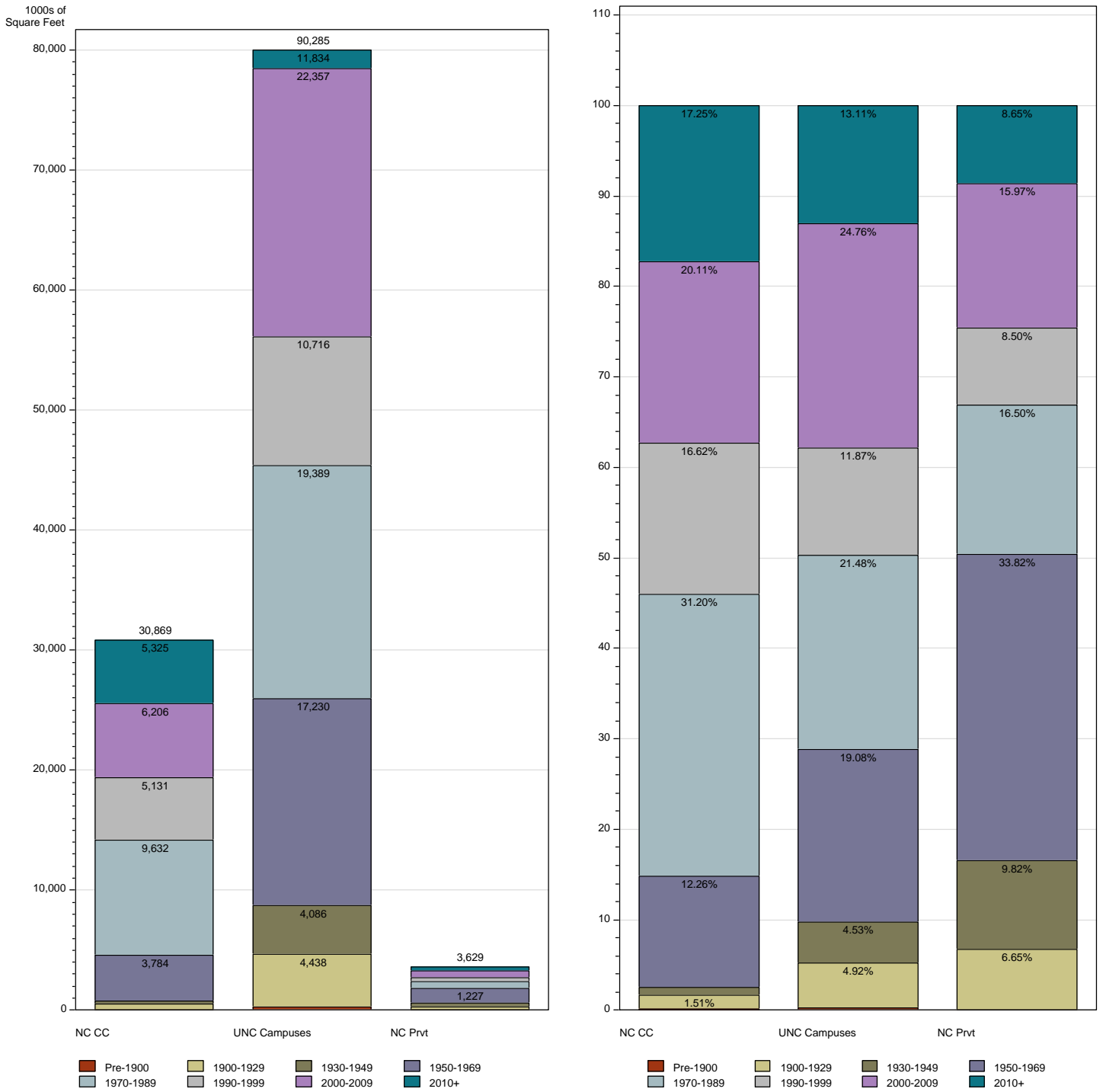


Table 21. Age of Buildings

Institution	Total Gross Square Feet	Period of Construction						
		Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
Public Institutions								
Research Universities I								
NC State	16,531,388	60,475	1,003,156	1,290,150	3,459,838	3,403,127	2,085,034	5,229,608
NC State Veterinary Med	888,673	-	-	30,615	20,003	382,340	10,240	445,475
UNC-Chapel Hill	13,247,791	135,435	1,345,932	919,555	2,651,521	2,137,117	1,261,645	4,796,586
UNC-Chapel Hill Hlth Aff.	6,994,414	-	-	130,069	878,446	1,677,299	1,509,531	2,799,069
Subtotal	37,662,266	195,910	2,349,088	2,370,389	7,009,808	7,599,883	4,866,450	13,270,738
Doctoral Universities I and II								
East Carolina	5,183,287	-	618,407	207,014	2,060,554	933,216	280,830	1,083,266
East Carolina Hlth Aff.	1,877,524	1,275	10,443	-	29,475	583,458	212,422	1,040,451
NC A&T	3,254,024	-	83,209	215,322	902,092	738,737	218,657	1,096,007
UNC Charlotte	9,594,751	-	-	-	499,298	2,072,026	1,495,617	5,527,810
UNC Greensboro	6,740,988	35,417	861,780	278,212	1,149,300	1,123,287	970,848	2,322,144
Subtotal	26,650,574	36,692	1,573,839	700,548	4,640,719	5,450,724	3,178,374	11,069,678
Master's (Comprehensive) Universities and Colleges I								
Appalachian	4,763,570	-	7,010	239,074	1,362,387	964,174	499,186	1,691,739
Fayetteville	1,476,710	-	23,364	129,538	307,764	455,191	235,374	325,479
NC Central	2,281,498	-	39,725	210,554	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	4,015,244	-	33,652	-	247,536	1,261,127	276,833	2,196,096
Western Carolina	3,320,937	2,563	56,107	196,152	914,319	1,030,404	2,046	1,119,346
Winston-Salem	1,943,632	-	71,407	56,786	301,910	402,231	366,863	744,435
Subtotal	19,388,279	2,563	231,265	848,512	4,199,892	5,063,081	1,613,514	7,429,452
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,301,088	-	92,594	39,855	255,429	293,171	108,377	511,662
UNC Asheville	1,571,281	-	4,249	-	330,789	230,884	436,492	568,867
Subtotal	2,872,369	-	96,843	39,855	586,218	524,055	544,869	1,080,529
Schools of Art, Music, and Design								
UNC School of the Arts	1,212,554	-	186,898	75,854	223,072	221,985	98,095	406,650
Subtotal	1,212,554	-	186,898	75,854	223,072	221,985	98,095	406,650
Teaching Hospitals								
UNC Hospitals	2,499,249	-	-	51,256	569,995	529,579	414,366	934,053
Subtotal	2,499,249	-	-	51,256	569,995	529,579	414,366	934,053
Community Colleges								
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	149,384	-	-	2,520	-	100,367	23,114	23,383
Blue Ridge	490,915	-	-	-	-	146,613	132,770	211,532
Brunswick	389,136	-	-	3,732	20,314	139,672	120,851	104,567
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	239,628	-	2,747	-	11,297	76,954	42,339	106,291
Catawba Valley	616,373	-	-	-	90,794	247,099	101,288	177,192
Central Carolina	579,178	-	23,387	15,785	76,680	108,306	147,387	207,633
Central Piedmont	3,336,075	-	105,483	27,691	218,622	805,450	607,931	1,570,898
Cleveland	315,039	-	-	-	-	192,584	45,260	77,195
Coastal Carolina	360,644	-	-	-	-	219,765	66,664	74,215
Coll. of Albemarle	399,648	-	-	5,268	81,790	173,949	21,800	116,841
Craven	316,445	-	-	-	-	117,255	77,918	121,272
Davidson County	466,105	-	-	3,286	127,707	131,440	129,771	73,901
Durham	502,559	-	-	-	163,189	132,400	89,912	117,058
Edgecombe	299,993	1,425	20,863	-	-	119,135	28,420	130,150
Fayetteville	1,053,425	-	-	3,905	287,850	217,664	262,149	281,857
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	1,898,276	1,931	-	11,050	370,825	373,012	326,443	815,015
Halifax	275,321	-	-	-	-	110,345	72,533	92,443

Table 21. Age of Buildings

Institution	Total Gross Square Feet	Period of Construction						
		Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
Haywood	370,892	-	-	-	9,719	182,002	80,503	98,668
Isothermal	353,647	-	3,119	-	58,484	161,623	61,000	69,421
James Sprunt	176,606	-	-	-	23,045	97,270	28,000	28,291
Johnston	453,206	-	-	-	3,168	210,380	87,485	152,173
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	133,866	-	-	-	600	73,986	52,902	6,378
Nash	343,116	-	-	-	-	159,212	57,099	126,805
Pamlico	86,035	-	-	-	-	40,957	8,932	36,146
Piedmont	177,259	-	-	-	-	136,734	8,705	31,820
Pitt	678,910	-	-	-	75,365	91,705	114,221	397,619
Randolph	403,822	-	-	-	43,991	190,998	52,683	116,150
Richmond	244,209	-	-	-	56,560	94,049	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	586,763	-	-	30,751	122,321	121,826	147,346	164,519
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	247,000	-	-	-	82,095	80,495	38,361	46,049
Southwestern	297,939	-	-	-	31,318	170,479	30,640	65,502
Stanly	231,686	-	28,875	-	21,381	86,475	46,016	48,939
Surry	462,557	-	-	-	88,195	169,885	67,162	137,315
Tri-County	164,389	-	-	25,130	11,758	96,669	15,600	15,232
Vance-Granville	406,209	-	-	-	3,069	215,726	59,403	128,011
Wake	2,345,137	-	-	-	92,808	383,812	233,204	1,635,313
Wayne	481,677	-	-	-	78,715	192,606	145,037	65,319
Western Piedmont	408,801	-	-	52,182	140,716	120,864	39,030	56,009
Wilkes	488,183	-	-	-	113,335	168,997	49,303	156,548
Wilson	249,365	-	-	-	90,580	126,149	10,170	22,466
Subtotal	30,868,613	42,310	466,429	282,215	3,783,976	9,631,653	5,131,298	11,530,732
Private Institutions								
NC Private Universities								
Barton	495,166	-	6,000	21,508	325,969	41,564	28,669	71,456
Campbell	1,731,082	-	118,919	44,966	435,406	354,796	204,426	572,569
Mars Hill	876,442	3,000	115,161	119,975	243,184	156,172	73,962	164,988
Pfeiffer	526,611	-	1,288	170,004	222,936	46,152	1,426	84,805
Subtotal	3,629,301	3,000	241,368	356,453	1,227,495	598,684	308,483	893,818
Grand Total	124,783,205	280,475	5,145,730	4,725,082	22,241,175	29,619,644	16,155,449	46,615,650

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 by the facilities project officers at the institutions. Although few of them are architects or engineers, they 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 baseline study of condition of facilities over 3,000 GSF for the institutions of the University of North Carolina and the N.C. Community College System, provides a precise dollar assessment 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. Table 22a reflects the new targeted approach for repair and renovation projects. FCAP teams from the SCO conducted visits with an emphasis placed on (a) identifying facilities with multiple deficiencies which will require the building be vacated to accomplish comprehensive renovations; (b) identifying buildings with renovation costs between 35% and 65% of the ERC for targeted renovation and over 65% of the ERC for demolition and replacement; and (c) the total cost of required renovations is over \$2.5 million. These buildings were targeted as priority projects for funding from the repair and renovation allocation. Table 22a now reflects this targeted approach for funding critical life safety and ADA repair needs. The FCAP methodology is not intended to quantify needed or desired improvements that go beyond the original design functionality. 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	6,864,425	41.5	3,526,418	21.3	4,528,890	27.4	1,522,960	9.2	88,695	0.5	-	-	16,531,388
NC State Veterinary Med	344,880	38.8	104,626	11.8	439,167	49.4	-	-	-	-	-	-	888,673
UNC-Chapel Hill	8,023,763	60.6	1,469,606	11.1	2,642,281	19.9	1,014,073	7.7	98,068	0.7	-	-	13,247,791
UNC-Chapel Hill Hlth Aff.	4,591,905	65.7	1,174,360	16.8	848,881	12.1	253,070	3.6	126,198	1.8	-	-	6,994,414
Subtotal	19,824,973	52.6	6,275,010	16.7	8,459,219	22.5	2,790,103	7.4	312,961	0.8	-	-	37,662,266
Doctoral Universities I and II													
East Carolina	1,806,406	34.9	963,802	18.6	482,148	9.3	1,930,784	37.3	-	-	147	0.0	5,183,287
East Carolina Hlth Aff.	1,254,539	66.8	115,673	6.2	498,506	26.6	8,806	0.5	-	-	-	-	1,877,524
NC A&T	1,751,966	53.8	130,194	4.0	431,351	13.3	940,513	28.9	-	-	-	-	3,254,024
UNC Charlotte	8,229,874	85.8	664,584	6.9	696,059	7.3	4,234	0.0	-	-	-	-	9,594,751
UNC Greensboro	4,823,216	71.6	1,398,100	20.7	215,097	3.2	304,575	4.5	-	-	-	-	6,740,988
Subtotal	17,866,001	67.0	3,272,353	12.3	2,323,161	8.7	3,188,912	12.0	-	-	147	0.0	26,650,574
Master's (Comprehensive) Universities and Colleges I													
Appalachian	4,335,099	91.0	254,831	5.3	133,000	2.8	40,640	0.9	-	-	-	-	4,763,570
Fayetteville	1,352,265	91.6	88,958	6.0	35,487	2.4	-	-	-	-	-	-	1,476,710
NC Central	1,941,876	85.1	130,106	5.7	121,789	5.3	81,348	3.6	6,379	0.3	-	-	2,281,498
UNC Pembroke	1,586,688	100.0	-	-	-	-	-	-	-	-	-	-	1,586,688
UNC Wilmington	3,977,747	99.1	5,066	0.1	-	-	32,431	0.8	-	-	-	-	4,015,244
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	1,176,545	60.5	545,248	28.1	112,200	5.8	75,516	3.9	34,123	1.8	-	-	1,943,632
Subtotal	16,469,274	84.9	2,045,495	10.6	568,259	2.9	264,749	1.4	40,502	0.2	-	-	19,388,279
Baccalaureate (Liberal Arts) Universities and Colleges I and 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	392,067	25.0	520,833	33.1	230,278	14.7	428,103	27.2	-	-	-	-	1,571,281
Subtotal	1,245,989	43.4	747,274	26.0	315,478	11.0	536,138	18.7	27,490	1.0	-	-	2,872,369
Schools of Art, Music, and 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	847,014	80.6	204,019	19.4	-	-	-	-	-	-	-	-	1,051,033
Beaufort Co.	272,813	100.0	-	-	-	-	-	-	-	-	-	-	272,813
Bladen	146,444	98.0	420	0.3	-	-	2,520	1.7	-	-	-	-	149,384
Blue Ridge	490,915	100.0	-	-	-	-	-	-	-	-	-	-	490,915
Brunswick	368,822	94.8	-	-	20,314	5.2	-	-	-	-	-	-	389,136
Caldwell	526,311	100.0	-	-	-	-	-	-	-	-	-	-	526,311
Cape Fear	1,752,138	93.9	114,400	6.1	-	-	-	-	-	-	-	-	1,866,538
Carteret	225,584	94.1	-	-	5,197	2.2	8,847	3.7	-	-	-	-	239,628
Catawba Valley	616,373	100.0	-	-	-	-	-	-	-	-	-	-	616,373
Central Carolina	579,178	100.0	-	-	-	-	-	-	-	-	-	-	579,178
Central Piedmont	1,930,926	57.9	1,096,094	32.9	128,355	3.8	180,700	5.4	-	-	-	-	3,336,075
Cleveland	315,039	100.0	-	-	-	-	-	-	-	-	-	-	315,039
Coastal Carolina	360,644	100.0	-	-	-	-	-	-	-	-	-	-	360,644
Coll. of Albemarle	359,230	89.9	29,800	7.5	-	-	10,618	2.7	-	-	-	-	399,648
Craven	316,445	100.0	-	-	-	-	-	-	-	-	-	-	316,445
Davidson County	466,105	100.0	-	-	-	-	-	-	-	-	-	-	466,105
Durham	502,559	100.0	-	-	-	-	-	-	-	-	-	-	502,559
Edgecombe	299,993	100.0	-	-	-	-	-	-	-	-	-	-	299,993
Fayetteville	1,053,425	100.0	-	-	-	-	-	-	-	-	-	-	1,053,425
Forsyth	1,032,305	94.1	-	-	-	-	-	-	64,597	5.9	-	-	1,096,902
Gaston	736,693	100.0	-	-	-	-	-	-	-	-	-	-	736,693
Guilford	1,207,511	63.6	172,622	9.1	157,544	8.3	358,668	18.9	-	-	1,931	0.1	1,898,276
Halifax	275,321	100.0	-	-	-	-	-	-	-	-	-	-	275,321
Haywood	117,391	31.7	131,191	35.4	80,299	21.7	42,011	11.3	-	-	-	-	370,892

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	%	
Isothermal	353,647	100.0	-	-	-	-	-	-	-	-	-	-	353,647
James Sprunt	176,606	100.0	-	-	-	-	-	-	-	-	-	-	176,606
Johnston	453,206	100.0	-	-	-	-	-	-	-	-	-	-	453,206
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	133,866	100.0	-	-	-	-	-	-	-	-	-	-	133,866
Nash	343,116	100.0	-	-	-	-	-	-	-	-	-	-	343,116
Pamlico	84,556	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,035
Piedmont	177,259	100.0	-	-	-	-	-	-	-	-	-	-	177,259
Pitt	609,359	89.8	-	-	-	-	69,551	10.2	-	-	-	-	678,910
Randolph	329,927	81.7	31,080	7.7	42,815	10.6	-	-	-	-	-	-	403,822
Richmond	244,209	100.0	-	-	-	-	-	-	-	-	-	-	244,209
Roanoke-Chowan	167,421	100.0	-	-	-	-	-	-	-	-	-	-	167,421
Robeson	279,660	100.0	-	-	-	-	-	-	-	-	-	-	279,660
Rockingham	332,733	100.0	-	-	-	-	-	-	-	-	-	-	332,733
Rowan-Cabarrus	586,763	100.0	-	-	-	-	-	-	-	-	-	-	586,763
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	38.6	64,775	26.2	79,092	32.0	7,800	3.2	-	-	-	-	247,000
Southwestern	297,939	100.0	-	-	-	-	-	-	-	-	-	-	297,939
Stanly	231,686	100.0	-	-	-	-	-	-	-	-	-	-	231,686
Surry	462,557	100.0	-	-	-	-	-	-	-	-	-	-	462,557
Tri-County	163,525	99.5	-	-	-	-	-	-	-	-	864	0.5	164,389
Vance-Granville	406,209	100.0	-	-	-	-	-	-	-	-	-	-	406,209
Wake	2,341,537	99.8	-	-	-	-	3,600	0.2	-	-	-	-	2,345,137
Wayne	481,677	100.0	-	-	-	-	-	-	-	-	-	-	481,677
Western Piedmont	356,619	87.2	-	-	51,822	12.7	360	0.1	-	-	-	-	408,801
Wilkes	484,668	99.3	-	-	-	-	-	-	-	-	3,515	0.7	488,183
Wilson	249,365	100.0	-	-	-	-	-	-	-	-	-	-	249,365
Subtotal	27,472,054	89.0	2,011,631	6.5	566,917	1.8	746,810	2.4	64,891	0.2	6,310	0.0	30,868,613
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,641,603	94.8	45,196	2.6	44,283	2.6	-	-	-	-	-	-	1,731,082
Mars Hill	428,175	48.9	260,554	29.7	110,483	12.6	77,230	8.8	-	-	-	-	876,442
Pfeiffer	501,513	95.2	9,444	1.8	13,670	2.6	-	-	1,984	0.4	-	-	526,611
Subtotal	3,066,457	84.5	315,194	8.7	168,436	4.6	77,230	2.1	1,984	0.1	-	-	3,629,301
Grand Total	89,377,938	71.6	14,879,053	11.9	12,412,075	9.9	7,659,854	6.1	447,828	0.4	6,457	0.0	124,783,205

Table 22a. University of North Carolina 2017-18 R&R Allocation

Institution	FCAP	Adjusted Allocation w/ 2% Floor	% of R&R
NCSU	\$54,404,681	9,247,351	18.3%
UNCCH	\$46,223,770	8,038,073	15.9%
ECU	\$63,850,329	4,044,303	8.0%
ASU	\$27,113,387	3,596,626	7.1%
UNCC	\$17,844,766	3,579,547	7.1%
WSSU	\$17,488,960	2,130,747	4.2%
NCA&T	\$14,956,125	2,292,115	4.5%
UNCSA	\$13,075,751	1,538,276	3.0%
ECSU	\$13,064,665	1,529,809	3.0%
FSU	\$11,913,455	1,541,298	3.1%
UNCW	\$2,532,522	1,913,915	3.8%
UNCG	\$10,835,485	2,514,816	5.0%
WCU	\$10,418,567	1,625,229	3.2%
NCCU	\$20,054,257	2,679,962	5.3%
UNCA	\$8,872,141	1,197,933	2.4%
NCSSM	\$3,455,047	1,010,000	2.0%
UNCSO	\$0	1,010,000	2.0%
UNCP	\$2,768,401	1,010,000	2.0%
Total	\$338,832,309	50,500,000*	

*Total when UNC System Office is included

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
Public Institutions						
Research Universities I						
NC State	1,140	\$1,202,298,960	\$4,753,715,602	572	9,666,963	\$1,142,026,510
NC State Veterinary Med	43	\$105,808,889	\$336,628,101	34	543,793	\$80,345,998
UNC-Chapel Hill	378	\$1,520,870,395	\$3,849,877,617	131	5,224,028	\$583,714,723
UNC-Chapel Hill Hlth Aff.	105	\$853,562,802	\$2,020,684,125	52	2,402,509	\$201,432,060
Subtotal	1,666	\$3,682,541,046	\$10,960,905,445	789	17,837,293	\$2,007,519,291
Doctoral Universities I and II						
East Carolina	165	\$428,859,298	\$1,526,374,211	100	3,376,881	\$443,880,638
East Carolina Hlth Aff.	56	\$284,024,718	\$586,499,454	17	622,985	\$52,647,150
NC A&T	121	\$230,081,501	\$982,538,499	43	1,502,058	\$283,253,936
UNC Charlotte	118	\$1,058,929,281	\$1,991,991,382	31	1,364,877	\$97,525,449
UNC Greensboro	139	\$503,921,682	\$2,622,179,832	34	1,917,772	\$238,627,424
Subtotal	599	\$2,505,816,480	\$7,709,583,378	225	8,784,573	\$1,115,934,597
Master's (Comprehensive) Universities and Colleges I						
Appalachian	91	\$457,601,700	\$1,173,060,046	12	428,471	\$29,877,886
Fayetteville	52	\$138,434,650	\$324,043,986	10	124,445	\$4,895,921
NC Central	66	\$235,436,770	\$833,754,663	18	339,622	\$44,052,222
UNC Pembroke	55	\$163,999,698	\$416,910,048	-	-	-
UNC Wilmington	166	\$510,277,259	\$930,545,640	3	37,497	\$4,209,913
Western Carolina	107	\$300,771,319	\$728,359,992	44	1,221,883	\$52,805,934
Winston-Salem	54	\$177,908,514	\$418,885,444	26	767,087	\$45,364,230
Subtotal	591	\$1,984,429,910	\$4,825,559,819	113	2,919,005	\$181,206,106
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	52	\$121,276,493	\$325,719,208	20	447,166	\$39,394,504
UNC Asheville	46	\$190,261,126	\$483,588,444	30	1,179,214	\$160,571,191
Subtotal	98	\$311,537,619	\$809,307,652	50	1,626,380	\$199,965,695
Schools of Art, Music, and Design						
UNC School of the Arts	65	\$108,016,784	\$272,677,970	20	278,613	\$13,086,141
Subtotal	65	\$108,016,784	\$272,677,970	20	278,613	\$13,086,141
Teaching Hospitals						
UNC Hospitals	30	\$456,844,106	\$984,896,855	-	-	-
Subtotal	30	\$456,844,106	\$984,896,855	-	-	-
Community Colleges						
Alamance	15	\$44,867,715	\$192,298,779	-	-	-
Asheville-Buncombe	25	\$160,771,262	\$273,200,640	3	204,019	\$18,549,969
Beaufort Co.	18	\$22,960,710	\$50,144,905	-	-	-
Bladen	22	\$8,648,062	\$25,908,480	2	2,940	\$288,906
Blue Ridge	18	\$79,444,334	\$122,296,395	-	-	-
Brunswick	19	\$43,667,103	\$79,434,100	1	20,314	\$1,159,275
Caldwell	24	\$47,430,580	\$110,099,047	-	-	-
Cape Fear	36	\$225,102,803	\$388,368,680	1	114,400	\$4,117,618
Carteret	18	\$17,478,813	\$50,535,613	4	14,044	\$1,391,394
Catawba Valley	19	\$34,675,639	\$105,829,936	-	-	-
Central Carolina	37	\$39,657,295	\$109,419,554	-	-	-
Central Piedmont	58	\$346,882,213	\$670,352,888	25	1,405,149	\$76,640,881
Cleveland	14	\$22,983,131	\$76,973,053	-	-	-
Coastal Carolina	18	\$32,742,443	\$78,305,856	-	-	-
Coll. of Albemarle	24	\$28,161,752	\$168,084,310	5	40,418	\$3,960,235
Craven	15	\$31,819,139	\$82,770,131	-	-	-
Davidson County	31	\$27,654,793	\$102,158,821	-	-	-
Durham	17	\$34,355,718	\$91,428,216	-	-	-
Edgecombe	15	\$32,264,669	\$62,850,118	-	-	-
Fayetteville	42	\$73,113,125	\$176,872,597	-	-	-
Forsyth	34	\$88,139,943	\$192,998,582	5	64,597	\$13,393,490
Gaston	29	\$96,546,476	\$195,739,209	-	-	-

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
Guilford	59	\$160,445,006	\$423,990,230	19	690,765	\$66,260,811
Halifax	16	\$17,710,747	\$43,611,259	-	-	-
Haywood	26	\$38,353,809	\$99,908,493	17	253,501	\$22,125,658
Isothermal	21	\$22,017,786	\$69,172,806	-	-	-
James Sprunt	12	\$10,244,730	\$30,497,530	-	-	-
Johnston	18	\$37,184,972	\$93,300,246	-	-	-
Lenoir	29	\$25,869,008	\$83,064,125	-	-	-
Martin	11	\$4,861,226	\$24,757,473	-	-	-
Mayland	18	\$14,341,346	\$36,188,503	3	76,064	\$302,942
McDowell	11	\$10,404,072	\$40,110,758	-	-	-
Mitchell	26	\$19,772,528	\$62,874,267	4	48,089	\$2,923,437
Montgomery	8	\$8,850,023	\$23,143,914	-	-	-
Nash	12	\$34,321,162	\$62,139,876	-	-	-
Pamlico	9	\$8,017,519	\$18,975,366	1	1,479	\$106,593
Piedmont	19	\$12,495,471	\$33,630,995	-	-	-
Pitt	29	\$77,363,513	\$133,883,912	2	69,551	\$8,968,160
Randolph	31	\$28,352,168	\$66,944,444	3	73,895	\$3,556,273
Richmond	10	\$23,877,083	\$55,586,428	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$31,140,750	-	-	-
Robeson	20	\$21,781,650	\$55,293,744	-	-	-
Rockingham	17	\$15,264,868	\$57,133,583	-	-	-
Rowan-Cabarrus	22	\$64,602,998	\$119,990,135	-	-	-
Sampson	14	\$16,606,673	\$38,886,636	1	7,245	\$1,428,379
Sandhills	30	\$49,527,501	\$107,625,235	4	98,261	\$6,099,146
South Piedmont	19	\$14,370,493	\$71,904,691	-	-	-
Southeastern	23	\$14,862,069	\$57,526,073	12	151,667	\$11,691,693
Southwestern	14	\$26,001,951	\$56,267,487	-	-	-
Stanly	15	\$12,860,020	\$47,514,135	-	-	-
Surry	24	\$27,967,296	\$83,416,154	-	-	-
Tri-County	22	\$9,264,907	\$29,666,394	1	864	\$89,935
Vance-Granville	22	\$31,600,629	\$83,864,860	-	-	-
Wake	42	\$255,103,719	\$389,512,015	1	3,600	\$532,055
Wayne	20	\$36,345,550	\$90,827,785	-	-	-
Western Piedmont	34	\$17,152,455	\$67,383,554	12	52,182	\$465,876
Wilkes	27	\$33,670,419	\$82,471,533	1	3,515	\$131,996
Wilson	17	\$12,503,905	\$43,417,132	-	-	-
Subtotal	1,304	\$2,763,041,763	\$6,321,692,431	127	3,396,559	\$244,184,722
Private Institutions						
NC Private Universities						
Barton	31	\$53,222,350	\$129,141,512	-	-	-
Campbell	132	\$191,589,058	\$384,892,437	11	89,479	\$4,931,745
Mars Hill	43	\$53,444,880	\$170,970,861	23	448,267	\$25,439,147
Pfeiffer	46	\$13,329,297	\$91,612,140	5	25,098	\$1,392,490
Subtotal	252	\$311,585,585	\$776,616,950	39	562,844	\$31,763,382
Grand Total	4,605	\$12,123,813,293	\$32,661,240,500	1,363	35,405,267	\$3,793,659,934

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**The Hub
UNC Wilmington**

The Hub opened on move-in day of the Fall 2017 semester bringing a variety of new food options to campus and specifically to incoming freshman. The 10,000 square-foot, two-story building is located in between the Galloway and Graham-Hewlett residence halls and is a welcomed addition to the campus. Food options include MOOYAH Burgers, Fries and Shakes, Starbucks Coffee, and a P.O.D. Market (Provisions on Demand). The building also includes dedicated meeting, lounge, and study space for students, as well as a backyard green space. The Hub is open until 2am Thursday-Saturday, which sets it apart from other dining facilities at UNCW. The building was designed with sustainability in mind and includes LED lighting fixtures, permeable pavers to eliminate storm water runoff and exterior “rain chains” that drain water from the roof directly to the ground underneath. In the back of the facility, there is a self-service bike shop where students can tune up their bikes free of charge with tools provided.

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

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TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

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

One of the groups protected by both pieces of legislation is the people who 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 handicapped. 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 wheelchair 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. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2017	2016	2015	2014	2013
Public Institutions							
Research Universities I							
NC State	9,175,375	7,405,673	80.7	81.5	81.2	82.0	81.8
NC State Veterinary Med	447,364	397,305	88.8	88.3	88.4	89.2	89.3
UNC-Chapel Hill	7,314,012	7,291,750	99.7	100.0	99.7	99.7	99.9
UNC-Chapel Hill Hlth Aff.	2,681,556	2,668,896	99.5	100.0	99.7	99.4	99.9
Subtotal	19,618,307	17,763,624	90.5	91.1	90.8	91.3	91.3
Doctoral Universities I and II							
East Carolina	3,377,204	2,909,196	86.1	83.4	83.3	83.2	84.5
East Carolina Hlth Aff.	1,150,466	909,720	79.1	76.1	94.3	99.8	100.0
NC A&T	2,270,203	2,000,793	88.1	87.4	89.4	89.6	92.3
UNC Charlotte	4,028,844	3,864,614	95.9	97.4	96.2	93.0	94.0
UNC Greensboro	3,420,593	2,756,497	80.6	88.0	87.5	87.8	88.5
Subtotal	14,247,310	12,440,820	87.3	88.4	89.7	89.2	90.4
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,689,515	2,271,191	84.4	84.0	84.2	82.2	82.2
Fayetteville	902,084	759,993	84.2	84.3	84.3	84.3	90.9
NC Central	1,477,732	1,337,571	90.5	90.5	90.5	90.4	90.4
UNC Pembroke	1,044,982	950,629	91.0	90.9	90.8	89.4	89.5
UNC Wilmington	2,508,789	2,409,969	96.1	98.9	98.9	98.9	80.3
Western Carolina	2,118,008	1,597,348	75.4	75.3	74.3	74.3	74.3
Winston-Salem	1,257,415	1,094,622	87.1	87.1	87.1	86.5	84.0
Subtotal	11,998,525	10,421,323	86.9	87.1	87.0	86.3	83.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	864,764	746,170	86.3	81.8	81.8	83.3	83.4
UNC Asheville	901,582	-	-	96.9	96.9	97.0	96.5
Subtotal	1,766,346	746,170	42.2	89.3	89.3	90.3	90.0
Schools of Art, Music, and Design							
UNC School of the Arts	817,610	736,411	90.1	90.1	90.1	86.2	82.9
Subtotal	817,610	736,411	90.1	90.1	90.1	86.2	82.9
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	99.8	99.8	99.8	99.8
Asheville-Buncombe	617,033	601,079	97.4	97.5	96.9	96.9	96.9
Beaufort Co.	191,663	191,278	99.8	99.8	99.7	99.7	99.7
Bladen	109,099	107,474	98.5	98.5	98.5	98.5	98.1
Blue Ridge	342,451	342,451	100.0	100.0	100.0	100.0	100.0
Brunswick	249,229	241,424	96.9	96.9	96.8	96.9	96.9
Caldwell	365,502	362,819	99.3	99.3	99.3	99.2	99.2
Cape Fear	736,309	731,768	99.4	99.3	99.3	98.7	98.7
Carteret	169,820	160,505	94.5	94.5	94.4	94.4	94.4
Catawba Valley	409,110	408,375	99.8	99.8	99.8	99.8	99.8
Central Carolina	401,006	399,440	99.6	99.6	99.6	99.6	99.6
Central Piedmont	1,387,722	1,367,569	98.5	98.5	99.0	98.7	98.8
Cleveland	210,985	209,775	99.4	99.4	99.4	99.4	99.4
Coastal Carolina	237,731	236,767	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	271,430	271,430	100.0	100.0	100.0	100.0	100.0
Craven	212,167	201,954	95.2	95.2	95.2	95.2	95.1
Davidson County	317,396	310,202	97.7	97.6	97.5	97.4	97.4
Durham	339,624	339,624	100.0	100.0	88.5	88.4	88.4
Edgecombe	202,273	194,364	96.1	96.1	95.3	95.3	95.3
Fayetteville	692,728	661,989	95.6	95.2	95.0	94.9	94.8
Forsyth	752,694	730,445	97.0	99.1	99.1	98.9	98.9
Gaston	482,854	456,909	94.6	94.4	94.5	94.6	94.5
Guilford	1,187,088	1,117,257	94.1	94.0	94.0	93.8	94.2
Halifax	187,362	186,839	99.7	99.7	99.7	99.7	99.7

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2017	2016	2015	2014	2013
Haywood	250,610	245,541	98.0	97.9	97.8	97.8	97.4
Isothermal	239,595	218,745	91.3	90.7	90.7	90.7	92.7
James Sprunt	127,239	123,502	97.1	97.1	96.9	95.4	95.4
Johnston	323,680	320,222	98.9	98.1	98.1	98.1	98.1
Lenoir	324,656	320,575	98.7	98.7	98.7	98.7	98.3
Martin	169,822	145,992	86.0	86.0	86.0	86.0	86.0
Mayland	182,860	178,948	97.9	97.9	96.8	96.6	96.5
McDowell	153,019	150,923	98.6	98.6	98.6	98.6	98.2
Mitchell	250,728	226,243	90.2	90.2	90.3	90.7	90.8
Montgomery	95,910	95,886	100.0	100.0	100.0	100.0	100.0
Nash	226,766	225,045	99.2	99.2	99.2	99.0	99.0
Pamlico	54,788	54,308	99.1	99.1	99.1	99.0	99.0
Piedmont	139,878	138,213	98.8	98.9	98.9	98.9	98.8
Pitt	435,287	434,913	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	174,656	163,600	93.7	93.7	93.6	93.5	93.6
Roanoke-Chowan	118,458	114,790	96.9	96.9	96.8	96.9	96.9
Robeson	204,751	204,727	100.0	100.0	100.0	100.0	100.0
Rockingham	229,511	214,576	93.5	93.5	92.8	92.8	92.8
Rowan-Cabarrus	369,865	369,709	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	97.0	96.5
South Piedmont	327,972	287,290	87.6	87.6	87.6	87.6	87.4
Southeastern	183,452	181,799	99.1	99.1	99.1	99.1	99.1
Southwestern	200,425	193,946	96.8	96.8	96.8	96.8	96.8
Stanly	151,528	151,528	100.0	99.7	99.7	99.7	99.7
Surry	321,258	319,840	99.6	99.6	99.5	99.5	98.2
Tri-County	124,059	121,042	97.6	97.6	97.4	97.4	97.4
Vance-Granville	255,312	251,092	98.3	98.4	97.5	97.6	97.6
Wake	1,055,697	1,044,964	99.0	98.9	98.9	98.7	98.7
Wayne	324,355	322,145	99.3	99.3	99.3	99.2	99.1
Western Piedmont	294,262	251,557	85.5	85.2	85.2	85.2	85.1
Wilkes	339,031	331,798	97.9	97.9	98.6	98.4	98.4
Wilson	163,701	160,558	98.1	97.8	97.8	97.8	97.8
Subtotal	18,943,523	18,440,996	97.3	97.3	97.1	97.0	97.0
Private Institutions							
NC Private Universities							
Barton	350,454	328,901	93.8	93.7	93.7	93.7	93.7
Campbell	1,174,598	873,075	74.3	74.3	73.3	73.3	73.1
Mars Hill	583,761	358,775	61.5	61.5	58.6	58.6	58.6
Pfeiffer	358,948	188,036	52.4	53.1	53.1	52.7	52.7
Subtotal	2,467,761	1,748,787	70.9	70.9	69.8	69.7	69.7
Grand Total	71,217,684	63,492,313	89.2	90.7	90.8	90.6	90.2

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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. 80	Un- assigned 00
Public Institutions										
Research Universities I										
NC State	7,405,673	93.0	80.2	75.2	96.2	72.0	83.9	84.7	88.4	55.2
NC State Veterinary Med	397,305	69.1	93.2	98.8	94.6	100.0	86.9	78.7	100.0	-
UNC-Chapel Hill	7,291,750	99.9	100.0	99.7	100.0	99.9	98.0	100.0	99.8	91.9
UNC-Chapel Hill Hlth Aff.	2,668,896	99.7	99.8	99.8	99.4	97.4	99.5	99.8	100.0	97.0
Subtotal	17,763,624	96.1	88.5	87.4	98.4	87.2	90.9	93.6	94.2	80.3
Doctoral Universities I and II										
East Carolina	2,909,196	93.6	63.8	94.2	94.0	95.5	69.1	27.6	100.0	4.4
East Carolina Hlth Aff.	909,720	87.7	97.8	63.4	96.4	51.9	79.2	83.5	-	100.0
NC A&T	2,000,793	93.2	83.9	95.2	95.4	76.4	99.5	78.2	100.0	87.1
UNC Charlotte	3,864,614	99.3	97.9	100.0	98.8	96.0	94.8	86.2	-	80.4
UNC Greensboro	2,756,497	84.3	89.0	99.8	84.8	78.2	93.7	72.2	57.2	50.1
Subtotal	12,440,820	92.5	89.7	69.7	93.7	88.3	89.1	62.3	90.8	53.0
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,271,191	90.0	71.0	32.7	100.0	82.0	79.6	88.9	100.0	100.0
Fayetteville	759,993	98.4	100.0	100.0	100.0	65.1	96.8	100.0	88.0	87.1
NC Central	1,337,571	90.2	98.0	96.5	95.1	91.5	76.8	76.0	99.4	91.5
UNC Pembroke	950,629	97.2	100.0	100.0	100.0	88.5	98.2	99.8	-	38.1
UNC Wilmington	2,409,969	99.4	99.2	99.3	99.8	95.2	96.6	99.4	67.1	80.2
Western Carolina	1,597,348	94.2	91.3	100.0	95.5	63.2	54.8	98.4	100.0	89.7
Winston-Salem	1,094,622	87.3	100.0	87.9	94.9	89.1	73.7	95.7	100.0	50.0
Subtotal	10,421,323	93.4	96.6	55.2	97.9	82.8	80.1	95.0	89.7	78.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	746,170	86.5	100.0	100.0	99.0	89.0	80.1	100.0	-	64.1
UNC Asheville	-	-	-	-	-	-	-	-	-	-
Subtotal	746,170	47.0	15.5	63.6	33.4	41.8	39.2	16.0	-	55.6
Schools of Art, Music, and Design										
UNC School of the Arts	736,411	92.8	-	100.0	93.6	84.2	88.1	96.6	100.0	92.0
Subtotal	736,411	92.8	-	100.0	93.6	84.2	88.1	96.6	100.0	92.0
Teaching Hospitals										
UNC Hospitals	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
Subtotal	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
Community Colleges										
Alamance	281,095	99.8	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Asheville-Buncombe	601,079	98.1	-	98.7	100.0	98.5	84.2	100.0	97.8	98.7
Beaufort Co.	191,278	99.9	-	100.0	100.0	99.4	99.1	100.0	100.0	-
Bladen	107,474	97.8	-	100.0	100.0	100.0	98.4	100.0	-	100.0
Blue Ridge	342,451	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Brunswick	241,424	98.7	-	100.0	100.0	98.8	98.9	100.0	92.7	-
Caldwell	362,819	99.9	-	100.0	100.0	95.4	96.5	100.0	100.0	-
Cape Fear	731,768	99.1	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0
Carteret	160,505	96.4	-	-	72.2	91.7	97.7	100.0	100.0	-
Catawba Valley	408,375	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	399,440	99.6	-	100.0	98.5	100.0	100.0	100.0	100.0	-
Central Piedmont	1,367,569	99.7	-	97.9	99.3	99.5	96.5	78.5	100.0	94.6
Cleveland	209,775	100.0	-	100.0	100.0	100.0	93.8	100.0	-	-
Coastal Carolina	236,767	100.0	-	100.0	100.0	100.0	95.8	100.0	-	-
Coll. of Albemarle	271,430	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Craven	201,954	99.2	-	100.0	59.2	100.0	97.3	82.6	99.6	-
Davidson County	310,202	98.6	-	54.4	99.5	100.0	100.0	100.0	91.4	-
Durham	339,624	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	661,989	96.2	-	100.0	97.3	98.4	91.5	73.7	100.0	-
Forsyth	730,445	99.1	-	100.0	99.9	100.0	99.8	100.0	100.0	67.7
Gaston	456,909	94.0	100.0	-	100.0	98.7	85.2	80.2	100.0	100.0
Guilford	1,117,257	93.2	-	100.0	84.1	93.0	94.8	94.1	100.0	96.9
Halifax	186,839	100.0	-	98.8	100.0	100.0	99.1	98.4	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. 80	Un- assigned 00
Haywood	245,541	98.3	-	100.0	100.0	100.0	87.4	100.0	98.2	100.0
Isothermal	218,745	92.5	-	100.0	42.0	100.0	99.5	100.0	100.0	-
James Sprunt	123,502	97.1	-	100.0	100.0	100.0	100.0	66.7	-	100.0
Johnston	320,222	99.8	-	-	100.0	99.7	100.0	79.2	100.0	100.0
Lenoir	320,575	98.3	-	100.0	98.7	100.0	99.7	100.0	99.7	-
Martin	145,992	94.0	-	100.0	96.1	72.2	94.4	100.0	100.0	-
Mayland	178,948	99.9	-	22.9	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	95,886	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	99.6
Nash	225,045	99.6	-	100.0	100.0	99.8	95.8	100.0	100.0	-
Pamlico	54,308	100.0	-	-	100.0	100.0	100.0	79.6	100.0	-
Piedmont	138,213	98.3	-	97.6	100.0	100.0	99.7	100.0	100.0	-
Pitt	434,913	100.0	-	-	99.2	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	163,600	93.9	-	99.8	100.0	58.5	97.2	74.1	100.0	-
Roanoke-Chowan	114,790	100.0	-	100.0	100.0	100.0	64.0	100.0	100.0	-
Robeson	204,727	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	214,576	91.0	-	-	99.0	99.4	99.9	100.0	100.0	-
Rowan-Cabarrus	369,709	100.0	-	100.0	100.0	100.0	99.7	100.0	100.0	100.0
Sampson	137,393	98.6	-	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	181,799	99.9	-	100.0	100.0	98.3	100.0	100.0	100.0	79.7
Southwestern	193,946	97.3	-	100.0	100.0	100.0	98.8	2.4	100.0	100.0
Stanly	151,528	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Surry	319,840	100.0	-	100.0	100.0	100.0	91.6	100.0	100.0	-
Tri-County	121,042	98.7	-	100.0	90.0	100.0	94.6	100.0	-	-
Vance-Granville	251,092	99.3	-	100.0	100.0	99.8	85.0	100.0	100.0	99.3
Wake	1,044,964	99.7	-	-	100.0	100.0	93.0	90.8	100.0	100.0
Wayne	322,145	98.8	-	100.0	100.0	100.0	98.6	100.0	100.0	100.0
Western Piedmont	251,557	99.9	-	-	100.0	99.1	96.1	43.0	100.0	19.3
Wilkes	331,798	97.6	-	-	100.0	95.5	99.7	100.0	98.8	100.0
Wilson	160,558	98.8	-	100.0	97.2	100.0	94.3	100.0	-	-
Subtotal	18,440,996	98.4	100.0	98.0	97.3	97.2	95.8	92.6	98.5	87.5
Private Institutions										
NC Private Universities										
Barton	328,901	100.0	-	-	100.0	86.4	100.0	100.0	-	100.0
Campbell	873,075	97.2	100.0	-	97.8	59.2	58.0	97.8	60.1	89.3
Mars Hill	358,775	74.2	-	86.1	93.0	46.9	57.0	99.6	-	77.3
Pfeiffer	188,036	84.0	-	100.0	52.6	43.1	20.6	9.0	-	49.5
Subtotal	1,748,787	90.2	100.0	88.5	90.6	57.8	58.5	84.1	58.6	62.7
Grand Total	63,492,313	95.2	88.9	82.9	95.1	83.7	88.4	85.0	94.2	75.7

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
Public Institutions								
Research Universities I								
NC State	92.9	-	-	100.0	-	-	-	-
NC State Veterinary Med	69.1	-	-	-	-	-	-	-
UNC-Chapel Hill	99.9	-	-	99.9	99.8	-	-	-
UNC-Chapel Hill Hlth Aff.	99.7	-	100.0	99.9	100.0	-	-	-
Subtotal	96.1	-	100.0	99.9	99.8	-	-	-
Doctoral Universities I and II								
East Carolina	93.6	-	100.0	-	-	-	-	-
East Carolina Hlth Aff.	87.7	-	-	-	100.0	-	-	-
NC A&T	93.2	-	-	-	-	-	-	-
UNC Charlotte	99.3	-	-	100.0	-	-	-	-
UNC Greensboro	84.4	-	-	-	-	-	-	-
Subtotal	92.5	-	28.6	100.0	100.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	90.0	-	-	-	-	-	-	-
Fayetteville	98.4	-	-	100.0	-	-	-	-
NC Central	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	-	-	-	-	-
Subtotal	93.3	-	100.0	100.0	-	-	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	86.4	-	-	100.0	-	-	-	-
UNC Asheville	-	-	-	-	-	-	-	-
Subtotal	47.1	-	-	40.1	-	-	-	-
Schools of Art, Music, and Design								
UNC School of the Arts	92.8	-	-	-	-	-	-	-
Subtotal	92.8	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	100.0	-	-	100.0	-	-	-	-
Subtotal	100.0	-	-	100.0	-	-	-	-
Community Colleges								
Alamance	100.0	99.7	-	100.0	100.0	100.0	-	-
Asheville-Buncombe	98.8	97.7	99.1	100.0	99.3	-	-	100.0
Beaufort Co.	100.0	100.0	100.0	100.0	99.4	-	-	-
Bladen	100.0	96.4	-	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	96.1	100.0	94.8	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	92.3	-	-	100.0
Central Piedmont	99.7	99.8	99.7	99.5	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	-	-	-
Coll. of Albemarle	100.0	100.0	-	100.0	100.0	-	-	-
Craven	100.0	98.6	100.0	100.0	100.0	-	-	-
Davidson County	99.3	99.1	100.0	99.2	67.0	-	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	97.3	-	100.0	83.4	-	100.0	100.0
Forsyth	96.3	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	91.6	100.0	98.5	95.1	-	-	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
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	-
Haywood	100.0	97.9	100.0	100.0	100.0	-	-	100.0
Isothermal	94.4	88.7	100.0	100.0	100.0	-	-	100.0
James Sprunt	100.0	95.3	100.0	100.0	100.0	-	-	-
Johnston	-	99.8	100.0	100.0	100.0	-	-	-
Lenoir	99.7	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	100.0	-	-	-
Richmond	100.0	98.5	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	87.7	96.6	-	100.0	68.8	-	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	-	-	-	-
Sampson	100.0	98.2	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	99.5	100.0	98.9	100.0	-	-	100.0
Wayne	100.0	98.3	100.0	100.0	-	-	-	-
Western Piedmont	99.9	99.8	-	100.0	100.0	-	-	100.0
Wilkes	95.2	98.6	100.0	100.0	100.0	-	-	-
Wilson	100.0	98.2	100.0	100.0	100.0	-	-	-
Subtotal	99.0	98.4	100.0	99.2	94.5	100.0	100.0	98.7
Private Institutions								
NC Private Universities								
Barton	100.0	-	-	-	-	-	-	-
Campbell	97.2	-	-	-	-	-	-	-
Mars Hill	74.2	-	-	-	-	-	-	-
Pfeiffer	84.0	-	-	-	-	-	-	-
Subtotal	90.2	-	-	-	-	-	-	-
Grand Total	93.3	98.4	99.4	99.0	94.7	100.0	100.0	97.4

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
Public Institutions							
Research Universities I							
NC State	64.7	85.2	-	-	88.9	65.1	100.0
NC State Veterinary Med	-	93.2	100.0	97.2	-	100.0	-
UNC-Chapel Hill	99.4	100.0	100.0	100.0	99.6	100.0	99.9
UNC-Chapel Hill Hlth Aff.	96.9	99.9	100.0	99.6	100.0	100.0	-
Subtotal	67.8	92.2	100.0	99.0	90.6	65.8	99.9
Doctoral Universities I and II							
East Carolina	22.2	89.9	-	68.6	100.0	-	96.6
East Carolina Hlth Aff.	100.0	97.7	65.6	58.3	100.0	-	-
NC A&T	98.5	77.7	-	-	98.1	93.3	100.0
UNC Charlotte	99.6	96.9	-	-	100.0	-	-
UNC Greensboro	-	89.0	99.8	-	100.0	-	-
Subtotal	83.2	91.5	66.4	58.5	99.9	93.3	98.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	100.0	60.5	100.0	-	20.5	-	-
Fayetteville	-	100.0	-	-	100.0	-	100.0
NC Central	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
Winston-Salem	100.0	100.0	-	-	86.4	-	100.0
Subtotal	97.6	95.0	100.0	100.0	45.1	-	95.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	100.0	-	-	100.0	-	100.0
UNC Asheville	-	-	-	-	-	-	-
Subtotal	-	19.5	-	-	59.5	-	100.0
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	100.0	-	-
Subtotal	-	-	-	-	100.0	-	-
Teaching Hospitals							
UNC Hospitals	-	100.0	79.7	89.1	-	-	-
Subtotal	-	100.0	79.7	89.1	-	-	-
Community Colleges							
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	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	100.0	-	100.0	-	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	100.0	100.0	-	-
Central Piedmont	-	-	-	-	-	-	97.9
Cleveland	-	-	-	-	100.0	-	-
Coastal Carolina	-	-	-	-	100.0	-	-
Coll. of Albemarle	-	-	-	-	100.0	-	-
Craven	-	-	-	-	100.0	-	100.0
Davidson County	-	-	-	-	54.4	-	-
Durham	-	-	-	-	100.0	-	-
Edgecombe	-	-	-	100.0	100.0	-	-
Fayetteville	-	-	-	-	100.0	-	-
Forsyth	-	-	-	-	100.0	-	100.0
Gaston	-	100.0	-	-	-	-	-
Guilford	-	-	-	-	100.0	-	-

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
Halifax	-	-	-	-	98.8	-	-
Haywood	-	-	-	-	100.0	-	-
Isothermal	-	-	-	-	100.0	-	100.0
James Sprunt	-	-	-	-	100.0	-	-
Johnston	-	-	-	-	-	-	-
Lenoir	-	-	-	-	100.0	-	-
Martin	-	-	-	-	100.0	-	-
Mayland	-	-	-	-	22.9	-	-
McDowell	-	-	-	-	100.0	-	-
Mitchell	-	-	-	-	100.0	-	-
Montgomery	-	-	-	-	100.0	-	-
Nash	-	-	-	-	100.0	-	-
Pamlico	-	-	-	-	-	-	-
Piedmont	-	-	-	-	97.6	-	-
Pitt	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
Wayne	-	-	-	-	100.0	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	-	-	-	-
Wilson	-	-	-	-	100.0	-	-
Subtotal	-	100.0	100.0	100.0	97.8	97.5	98.4
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	100.0	-	-	-	-	-
Mars Hill	-	-	-	-	86.1	-	-
Pfeiffer	-	-	-	-	100.0	-	-
Subtotal	-	100.0	-	-	88.5	-	-
Grand Total	75.4	92.0	79.5	85.7	87.7	68.6	98.4

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
Public Institutions								
Research Universities I								
NC State	99.9	100.0	100.0	67.1	64.7	94.3	100.0	100.0
NC State Veterinary Med	100.0	-	100.0	-	100.0	99.3	-	-
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	98.5	100.0	99.7	98.9	100.0	100.0
Subtotal	99.9	100.0	100.0	82.4	97.4	96.9	100.0	99.8
Doctoral Universities I and II								
East Carolina	95.4	100.0	100.0	8.9	100.0	89.9	-	-
East Carolina Hlth Aff.	99.5	-	100.0	-	100.0	98.2	-	-
NC A&T	100.0	100.0	100.0	100.0	95.2	87.3	-	-
UNC Charlotte	99.8	96.8	87.7	95.3	-	98.6	-	-
UNC Greensboro	85.0	99.6	51.1	43.9	97.6	86.9	-	100.0
Subtotal	96.0	94.5	70.4	79.6	95.8	92.3	-	100.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	100.0	-	-	100.0	100.0	100.0	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	100.0	100.0	-	-
NC Central	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	-	-
Subtotal	99.9	92.8	94.5	95.6	86.0	97.1	100.0	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	100.0	100.0	-	100.0	87.5	100.0	-	-
UNC Asheville	-	-	-	-	-	-	-	-
Subtotal	35.8	13.0	-	24.9	39.5	47.7	-	-
Schools of Art, Music, and Design								
UNC School of the Arts	100.0	100.0	100.0	42.2	100.0	65.6	-	-
Subtotal	100.0	100.0	100.0	42.2	100.0	65.6	-	-
Teaching Hospitals								
UNC Hospitals	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Community Colleges								
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	99.6	100.0
Cleveland	100.0	-	100.0	100.0	-	100.0	-	-
Coastal Carolina	100.0	-	100.0	100.0	-	100.0	-	-
Coll. of Albemarle	100.0	100.0	-	-	-	100.0	-	-
Craven	46.9	-	-	100.0	-	100.0	-	-
Davidson County	100.0	-	100.0	-	100.0	95.7	-	-
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	94.6	-	-
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	-	-

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
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	-	100.0
Lenoir	98.2	100.0	100.0	100.0	-	100.0	-	-
Martin	100.0	-	-	-	-	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	-	97.8	-	-
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	-	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	100.0	-	-
Wilson	99.3	-	-	-	-	100.0	-	-
Subtotal	97.6	100.0	99.1	99.7	87.6	99.0	99.8	100.0
Private Institutions								
NC Private Universities								
Barton	100.0	100.0	100.0	-	-	100.0	-	-
Campbell	100.0	100.0	91.9	100.0	100.0	90.2	100.0	100.0
Mars Hill	100.0	74.4	100.0	-	-	56.0	-	-
Pfeiffer	49.1	-	100.0	-	-	100.0	-	-
Subtotal	90.6	89.9	96.7	100.0	100.0	85.6	100.0	100.0
Grand Total	96.3	94.1	90.6	82.6	90.9	95.4	99.9	98.7

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

	Student Svcs 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
Public Institutions												
Research Universities I												
NC State	99.5	92.7	99.2	100.0	65.2	88.2	99.2	100.0	89.8	100.0	87.3	70.1
NC State Veterinary Med	-	-	-	-	100.0	-	-	-	62.1	100.0	92.2	87.7
UNC-Chapel Hill	99.9	99.9	100.0	98.8	99.9	100.0	99.9	100.0	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
Subtotal	99.7	96.6	99.6	98.4	83.6	95.3	99.5	100.0	93.0	99.9	96.2	83.9
Doctoral Universities I and II												
East Carolina	86.9	86.2	70.5	100.0	99.4	88.5	96.0	63.3	3.8	90.7	-	70.6
East Carolina Hlth Aff.	-	-	-	-	51.9	-	-	-	-	100.0	99.1	-
NC A&T	77.8	85.0	100.0	100.0	77.5	69.0	31.0	100.0	87.7	70.2	8.1	100.0
UNC Charlotte	97.1	97.1	99.3	100.0	95.5	98.3	97.6	95.8	85.8	84.3	-	83.3
UNC Greensboro	96.7	61.4	96.3	-	83.9	16.6	99.1	100.0	95.3	74.0	54.6	56.4
Subtotal	90.2	83.6	95.3	100.0	90.5	74.6	80.5	84.0	57.4	86.5	67.6	62.5
Master's (Comprehensive) Universities and Colleges I												
Appalachian	100.0	99.4	100.0	97.0	72.5	100.0	100.0	97.3	81.8	-	100.0	-
Fayetteville	100.0	43.7	100.0	100.0	64.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0
NC Central	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	93.7	100.0	98.1	100.0	100.0	100.0	97.0	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	75.4	100.0	100.0	100.0	86.7	99.0	65.4	93.2	98.8	96.5	100.0	100.0
Subtotal	92.9	94.6	96.8	99.0	78.2	97.2	90.8	97.2	88.5	98.6	99.3	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	100.0	100.0	86.8	95.1	100.0	100.0	100.0	-	100.0	-
UNC Asheville	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	81.8	35.7	63.5	42.8	45.9	17.5	31.6	91.8	13.9	-	2.8	-
Schools of Art, Music, and Design												
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
Subtotal	100.0	92.0	100.0	100.0	81.9	-	44.6	82.5	100.0	100.0	-	100.0
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	100.0	94.3	-	-
Subtotal	-	-	-	-	-	-	-	-	100.0	94.3	-	-
Community Colleges												
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	83.0	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	-	-
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	98.9	99.9	100.0	99.7	98.9	-	-	100.0	76.9	97.0	-	68.5
Cleveland	100.0	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	-
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

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

	Student Svcs 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
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	68.5	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	-	-
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	83.9	-	100.0	100.0	-	100.0	-
Wake	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	88.8	-	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	98.7	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	-	-
Subtotal	99.6	94.3	99.4	99.8	98.4	99.8	100.0	99.6	92.2	99.1	90.4	83.6
Private Institutions												
NC Private Universities												
Barton	100.0	100.0	100.0	100.0	81.8	100.0	100.0	100.0	100.0	100.0	-	100.0
Campbell	25.9	89.6	81.9	100.0	50.5	82.0	100.0	100.0	97.4	100.0	-	100.0
Mars Hill	100.0	66.5	100.0	100.0	38.5	76.6	39.8	98.4	100.0	-	-	-
Pfeiffer	100.0	69.5	100.0	100.0	32.2	75.2	100.0	-	9.8	-	-	-
Subtotal	62.6	77.6	87.5	100.0	49.6	82.9	78.1	93.9	82.2	82.4	-	100.0
Grand Total	95.9	88.9	97.6	97.7	81.2	88.1	87.1	96.1	82.6	95.0	80.2	81.5

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

	Public Institutions								Ind. Operations		Unassigned	
	Exec. Mgmt	Fin. Mgmt	Gen Ad Log Svc	Admin Comp	Fac/Stf Aux. Svcs	P.R. Devel.	Stud. Admiss	Stud. Records	Inst.	Ext. Agency	Usable	Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I												
NC State	89.6	98.0	99.2	59.7	62.2	97.3	100.0	-	78.4	88.6	76.6	34.5
NC State Veterinary Med	-	100.0	100.0	14.0	100.0	-	-	-	-	100.0	-	-
UNC-Chapel Hill	99.9	100.0	99.9	100.0	100.0	87.5	99.9	100.0	100.0	99.7	89.8	96.1
UNC-Chapel Hill Hlth Aff.	85.3	99.8	100.0	99.9	99.6	100.0	100.0	100.0	100.0	100.0	87.5	99.9
Subtotal	93.6	99.5	99.6	78.6	70.8	92.4	100.0	100.0	98.8	92.8	83.4	78.1
Doctoral Universities I and II												
East Carolina	89.8	29.9	87.8	98.4	96.4	88.9	62.6	77.5	-	100.0	53.4	2.9
East Carolina Hlth Aff.	-	30.7	81.5	100.0	-	100.0	-	100.0	-	-	100.0	-
NC A&T	100.0	100.0	99.9	94.3	100.0	100.0	100.0	100.0	100.0	100.0	51.9	97.7
UNC Charlotte	96.8	78.0	95.6	97.6	90.5	100.0	99.8	100.0	-	-	56.1	80.6
UNC Greensboro	99.8	100.0	95.9	94.4	63.4	96.0	97.3	100.0	58.9	56.9	26.9	51.9
Subtotal	94.6	48.0	96.5	96.2	84.0	97.3	91.4	94.9	90.8	90.8	40.0	53.4
Master's (Comprehensive) Universities and Colleges I												
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	98.5	69.4	100.0	100.0	45.5	100.0	86.7	100.0
NC Central	100.0	100.0	63.6	97.2	92.5	70.2	29.5	100.0	100.0	99.4	76.6	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	-	87.3
Western Carolina	78.1	100.0	100.0	98.8	7.2	80.4	100.0	100.0	100.0	100.0	100.0	89.2
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
Subtotal	92.5	91.8	84.8	97.6	45.7	80.9	87.3	79.9	89.1	90.3	60.0	89.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	98.8	100.0	16.9	100.0	100.0	100.0	-	-	66.2	54.3
UNC Asheville	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	24.3	46.6	59.8	97.2	14.8	21.6	23.5	47.5	-	-	66.0	29.6
Schools of Art, Music, and Design												
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
Subtotal	72.7	100.0	93.7	100.0	100.0	35.8	100.0	100.0	100.0	-	84.6	100.0
Teaching Hospitals												
UNC Hospitals	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
Subtotal	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
Community Colleges												
Alamance	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Asheville-Buncombe	48.8	100.0	81.6	100.0	81.8	-	100.0	100.0	-	97.8	98.1	99.2
Beaufort Co.	100.0	100.0	100.0	100.0	100.0	-	87.3	90.2	-	100.0	-	-
Bladen	97.2	100.0	97.7	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	89.7	100.0	100.0	100.0	100.0	100.0	100.0	90.3	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	92.4	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	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	79.5	99.0	98.1	-	99.2	99.8	100.0	100.0	100.0	-	94.6
Cleveland	99.2	100.0	81.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Coastal Carolina	100.0	100.0	94.5	100.0	100.0	100.0	-	100.0	-	-	-	-
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	-	-
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	45.4	72.3

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

									Ind. Operations		Unassigned	
	Exec. Mgmt	Fin. Mgmt	Gen Ad Log Svc	Admin Comp	Fac/Stf Aux. Svcs	P.R. Devel.	Stud. Admiss	Stud. Records	Inst. Agency	Ext. Agency	Usable 01	Unusable 02
	61	62	63	64	65	66	67	68	91	92		
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	96.4	99.0
Halifax	98.3	100.0	99.2	100.0	91.5	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	97.1	-	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
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	-	99.6
Nash	100.0	100.0	84.9	100.0	98.3	100.0	73.1	100.0	100.0	-	-	-
Pamlico	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Piedmont	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt	98.6	97.6	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	98.0	100.0	33.1	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	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	76.4	100.0
Southwestern	100.0	95.4	98.1	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	-	100.0	-	-
Surry	100.0	98.3	100.0	66.9	80.7	100.0	-	-	-	100.0	-	-
Tri-County	100.0	100.0	92.4	100.0	-	-	100.0	100.0	-	-	-	-
Vance-Granville	100.0	100.0	68.5	100.0	100.0	100.0	100.0	100.0	-	100.0	99.3	-
Wake	100.0	100.0	81.7	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	17.7	100.0
Wilkes	98.0	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	-	-	-	-
Subtotal	97.2	97.7	93.4	98.2	92.9	97.2	99.5	99.1	95.6	99.3	85.5	88.9
Private Institutions												
NC Private Universities												
Barton	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Campbell	87.1	80.3	77.6	98.6	31.3	2.4	86.3	95.7	-	88.9	100.0	-
Mars Hill	100.0	100.0	90.2	100.0	10.6	19.9	100.0	100.0	-	-	91.3	73.4
Pfeiffer	61.8	39.3	72.7	9.5	-	30.1	87.5	-	-	-	47.8	65.2
Subtotal	90.1	77.1	84.5	89.5	30.9	46.4	89.9	83.1	-	88.9	60.9	67.7
Grand Total	91.5	84.1	93.9	90.5	64.4	86.6	93.7	91.9	92.4	94.7	77.8	74.7

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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 ASF	%	200 ASF	%	300 ASF	%	400 ASF	%
Public Institutions									
Research Universities I									
NC State	7,405,673	259,576	99.7	1,534,314	95.7	1,863,270	96.4	354,071	98.0
NC State Veterinary Med	397,305	7,596	97.9	100,309	86.8	91,774	98.7	11,130	100.0
UNC-Chapel Hill	7,291,750	268,878	99.9	629,862	100.0	1,603,704	99.3	634,603	100.0
UNC-Chapel Hill Hlth Aff.	2,668,896	83,408	99.9	764,819	100.0	1,076,574	99.5	75,161	100.0
Subtotal	17,763,624	619,458	99.8	3,029,304	97.3	4,635,322	98.1	1,074,965	99.3
Doctoral Universities I and II									
East Carolina	2,909,196	176,276	97.6	343,251	91.7	630,810	85.8	203,647	97.9
East Carolina Hlth Aff.	909,720	41,926	98.6	188,108	96.0	367,756	82.9	67,363	89.6
NC A&T	2,000,793	131,269	92.4	328,712	90.4	404,944	90.0	132,784	98.4
UNC Charlotte	3,864,614	234,586	99.9	533,363	99.2	839,100	98.4	228,568	100.0
UNC Greensboro	2,756,497	149,056	95.8	310,126	86.8	541,589	85.6	116,186	78.8
Subtotal	12,440,820	733,113	97.0	1,703,560	93.2	2,784,199	89.4	748,548	94.3
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,271,191	164,677	92.2	222,686	86.2	495,566	90.1	90,974	95.7
Fayetteville	759,993	58,473	99.9	89,675	100.0	189,743	87.5	67,417	98.1
NC Central	1,337,571	108,896	86.7	132,249	90.5	284,318	89.8	99,228	95.5
UNC Pembroke	950,629	87,672	98.7	59,121	100.0	182,297	95.3	41,295	99.8
UNC Wilmington	2,409,969	137,697	98.5	253,778	99.5	445,885	99.0	127,065	99.9
Western Carolina	1,597,348	94,024	94.4	186,143	97.0	321,146	96.9	130,458	99.9
Winston-Salem	1,094,622	56,253	82.6	74,002	88.5	197,721	86.2	54,453	97.5
Subtotal	10,421,323	707,692	93.2	1,017,654	93.9	2,116,676	92.6	610,890	98.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	746,170	59,675	84.5	54,791	82.0	107,432	91.4	35,571	92.0
UNC Asheville	-	-	-	-	-	-	-	-	-
Subtotal	746,170	59,675	48.9	54,791	31.6	107,432	38.4	35,571	34.0
Schools of Art, Music, and Design									
UNC School of the Arts	736,411	17,530	57.9	190,875	95.6	89,527	86.2	46,744	100.0
Subtotal	736,411	17,530	57.9	190,875	95.6	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	601,079	96,906	99.5	208,143	97.7	134,100	94.6	16,788	100.0
Beaufort Co.	191,278	45,382	100.0	56,190	99.8	36,700	99.3	10,057	100.0
Bladen	107,474	21,111	100.0	31,250	95.7	24,213	99.0	8,346	100.0
Blue Ridge	342,451	93,848	100.0	100,511	100.0	50,135	100.0	18,234	100.0
Brunswick	241,424	64,110	98.9	24,984	97.1	41,310	97.9	7,369	100.0
Caldwell	362,819	95,214	100.0	99,791	99.6	64,188	100.0	20,575	100.0
Cape Fear	731,768	137,621	100.0	249,364	98.4	159,300	99.7	33,048	100.0
Carteret	160,505	41,333	96.1	60,420	99.6	34,264	95.9	6,047	100.0
Catawba Valley	408,375	90,844	100.0	133,051	99.5	77,942	100.0	23,222	100.0
Central Carolina	399,440	120,933	100.0	122,041	100.0	71,770	98.0	19,825	99.4
Central Piedmont	1,367,569	372,421	99.9	356,688	99.8	304,570	98.3	63,500	99.8
Cleveland	209,775	45,771	100.0	66,529	100.0	43,326	99.9	15,924	100.0
Coastal Carolina	236,767	75,357	100.0	72,286	100.0	45,586	97.9	15,403	100.0
Coll. of Albemarle	271,430	48,039	100.0	68,680	100.0	40,920	100.0	3,605	100.0
Craven	201,954	53,758	100.0	70,358	98.4	45,293	99.7	10,664	56.3
Davidson County	310,202	74,532	98.4	72,247	93.5	77,837	98.8	18,887	100.0
Durham	339,624	83,171	100.0	95,237	100.0	80,390	100.0	16,658	100.0
Edgecombe	194,364	39,255	98.5	60,172	91.9	34,377	99.5	12,134	97.7
Fayetteville	661,989	176,926	93.8	214,378	97.3	134,721	97.8	31,299	100.0
Forsyth	730,445	147,351	97.3	252,989	100.0	150,580	99.7	23,489	100.0
Gaston	456,909	112,058	100.0	129,201	86.4	108,111	98.1	24,451	100.0
Guilford	1,117,257	202,190	94.5	263,941	93.3	157,908	94.2	38,549	93.6
Halifax	186,839	38,320	100.0	46,849	100.0	34,307	99.8	11,164	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	%
Haywood	245,541	21,406	91.8	100,197	100.0	40,068	98.7	10,213	100.0
Isothermal	218,745	45,573	93.1	57,915	87.9	38,697	98.1	1,243	12.5
James Sprunt	123,502	31,510	100.0	28,331	93.3	34,314	98.1	10,267	100.0
Johnston	320,222	79,023	99.8	70,673	99.8	67,179	99.8	19,801	100.0
Lenoir	320,575	73,155	100.0	85,479	96.0	54,325	99.2	19,348	100.0
Martin	145,992	23,378	100.0	34,613	93.0	16,985	93.2	14,165	100.0
Mayland	178,948	32,993	100.0	31,327	94.8	22,813	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	95,886	15,761	100.0	30,998	100.0	14,117	100.0	8,388	100.0
Nash	225,045	70,634	100.0	56,363	99.9	35,334	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	138,213	37,037	99.6	35,466	99.9	29,297	99.5	7,732	86.9
Pitt	434,913	86,272	100.0	154,310	100.0	94,508	99.6	27,070	100.0
Randolph	297,096	69,328	99.7	91,860	100.0	43,575	99.3	8,339	100.0
Richmond	163,600	34,852	92.4	44,148	95.7	29,566	94.4	10,683	98.8
Roanoke-Chowan	114,790	18,647	100.0	38,698	100.0	16,522	99.5	9,944	100.0
Robeson	204,727	38,371	100.0	58,047	100.0	47,939	100.0	8,619	100.0
Rockingham	214,576	32,197	95.5	70,232	96.3	41,042	98.9	10,954	100.0
Rowan-Cabarrus	369,709	113,298	100.0	79,429	100.0	87,421	99.8	22,009	100.0
Sampson	137,393	29,316	100.0	35,757	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	47,411	100.0	55,389	100.0	54,371	100.0	10,076	100.0
Southeastern	181,799	47,093	100.0	44,783	99.7	40,027	98.3	13,929	100.0
Southwestern	193,946	41,329	100.0	51,114	93.8	38,963	99.5	10,618	100.0
Stanly	151,528	40,329	100.0	37,600	100.0	37,620	100.0	6,334	100.0
Surry	319,840	99,192	100.0	89,019	100.0	60,182	99.8	15,686	100.0
Tri-County	121,042	37,917	100.0	34,384	97.0	18,840	99.5	4,910	82.4
Vance-Granville	251,092	46,167	97.8	76,282	100.0	46,560	99.6	17,887	100.0
Wake	1,044,964	249,179	100.0	295,277	99.5	262,205	99.9	77,155	99.1
Wayne	322,145	40,619	100.0	86,867	97.8	54,270	99.7	19,147	100.0
Western Piedmont	251,557	65,640	100.0	67,363	99.9	48,574	99.6	16,914	100.0
Wilkes	331,798	68,518	98.6	90,094	99.3	52,343	99.9	17,003	100.0
Wilson	160,558	51,015	97.3	44,320	100.0	33,465	98.1	9,384	99.5
Subtotal	18,440,996	4,252,253	98.9	5,235,171	98.1	3,636,242	98.6	948,005	97.6
Private Institutions									
NC Private Universities									
Barton	328,901	28,852	100.0	24,220	100.0	56,917	99.8	21,578	100.0
Campbell	873,075	110,376	98.5	75,777	99.7	150,440	87.6	82,219	99.5
Mars Hill	358,775	48,792	85.6	33,402	65.0	52,913	72.2	27,573	94.5
Pfeiffer	188,036	26,877	90.2	24,364	83.6	34,189	77.6	11,396	49.9
Subtotal	1,748,787	214,897	94.4	157,763	87.3	294,459	85.1	142,766	91.4
Grand Total	63,492,313	6,614,544	96.9	11,399,947	95.6	13,998,374	93.9	3,610,386	95.5

Table 26. Accessible 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	%
Public Institutions												
Research Universities I												
NC State	1,109,393	65.1	788,923	94.7	306,323	70.4	28,737	98.7	1,063,299	57.8	97,767	55.1
NC State Veterinary Med	41,841	61.8	11,329	100.0	21,437	75.7	111,889	99.5	-	-	0	-
UNC-Chapel Hill	838,482	100.0	837,908	100.0	459,960	100.0	22,879	99.9	1,908,730	99.9	86,744	91.9
UNC-Chapel Hill Hlth Aff.	173,712	99.9	90,638	100.0	30,774	99.9	177,267	99.8	2,450	100.0	194,093	97.0
Subtotal	2,163,428	77.7	1,728,798	97.5	818,494	85.8	340,772	99.6	2,974,479	79.2	378,604	80.2
Doctoral Universities I and II												
East Carolina	319,217	87.0	317,965	95.9	54,891	32.0	6,082	90.5	852,629	99.9	4,428	3.0
East Carolina Hlth Aff.	40,282	34.8	14,500	62.2	20,280	81.0	169,505	73.9	-	-	0	-
NC A&T	265,519	91.8	206,989	88.7	202,439	95.6	6,519	50.9	314,706	74.0	6,912	98.0
UNC Charlotte	228,938	96.2	343,179	95.4	63,114	89.1	7,371	98.8	1,165,499	95.3	220,896	80.4
UNC Greensboro	38,427	30.1	375,533	72.9	239,643	88.9	9,404	76.4	915,953	84.2	60,580	52.5
Subtotal	892,383	78.5	1,258,166	86.0	580,367	77.5	198,881	74.0	3,248,787	90.5	292,816	53.6
Master's (Comprehensive) Universities and Colleges I												
Appalachian	338,004	85.6	356,737	91.6	75,684	90.7	11,733	100.0	504,765	70.3	10,365	100.0
Fayetteville	75,594	99.3	76,364	64.9	17,691	91.1	2,319	100.0	147,413	69.6	35,304	86.0
NC Central	116,094	91.8	155,177	97.0	11,521	43.8	2,318	82.6	307,074	90.8	120,696	91.8
UNC Pembroke	88,959	100.0	117,868	92.1	51,500	100.0	3,720	74.1	303,342	86.8	14,855	35.9
UNC Wilmington	226,307	100.0	240,035	99.8	77,733	99.0	7,876	100.0	881,475	91.0	12,118	80.2
Western Carolina	190,469	90.7	305,415	96.2	61,376	97.2	3,246	100.0	263,472	36.4	41,599	89.6
Winston-Salem	107,020	98.6	153,640	97.1	63,047	91.3	3,213	47.8	367,312	83.3	17,961	49.1
Subtotal	1,142,447	92.8	1,405,236	93.0	358,552	91.6	34,425	86.7	2,774,853	74.0	252,898	78.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
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	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	87,210	43.8	91,516	41.9	16,453	29.7	1,574	33.8	239,234	44.6	52,714	73.4
Schools of Art, Music, and Design												
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
Subtotal	23,826	100.0	120,434	94.7	78,639	94.9	1,259	41.0	130,156	81.7	37,421	92.0
Teaching Hospitals												
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
Subtotal	32,493	100.0	53,825	86.4	84,162	98.4	619,855	84.2	3,785	100.0	41,893	100.0
Community Colleges												
Alamance	5,856	100.0	18,143	100.0	8,626	100.0	-	-	-	-	0	-
Asheville-Buncombe	16,094	100.0	56,925	98.8	15,980	91.8	3,870	100.0	-	-	52,273	98.7
Beaufort Co.	4,902	100.0	27,412	100.0	10,635	100.0	-	-	-	-	0	-
Bladen	1,155	100.0	12,442	100.0	8,176	100.0	-	-	-	-	781	100.0
Blue Ridge	10,719	100.0	53,079	100.0	12,157	100.0	-	-	-	-	3,768	100.0
Brunswick	29,576	100.0	61,962	91.9	12,001	100.0	112	100.0	-	-	0	-
Caldwell	20,026	100.0	47,420	96.4	15,605	96.6	-	-	-	-	0	-
Cape Fear	29,877	100.0	78,089	100.0	39,750	100.0	526	100.0	756	100.0	3,437	100.0
Carteret	2,331	32.3	8,633	89.2	7,477	100.0	-	-	-	-	0	-
Catawba Valley	37,801	100.0	39,148	100.0	2,633	100.0	417	100.0	-	-	3,317	100.0
Central Carolina	11,379	100.0	48,876	100.0	2,662	100.0	1,954	100.0	-	-	0	-
Central Piedmont	31,321	97.1	132,731	99.7	65,013	86.7	-	-	-	-	41,325	94.6
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	12,961	100.0	-	-	-	-	0	-
Coll. of Albemarle	-	-	37,734	100.0	13,255	100.0	2,324	100.0	-	-	56,873	100.0
Craven	1,875	100.0	18,860	100.0	1,146	63.2	-	-	-	-	0	-
Davidson County	17,805	100.0	28,187	100.0	20,565	100.0	142	100.0	-	-	0	-
Durham	2,319	100.0	21,128	100.0	40,721	100.0	-	-	-	-	0	-
Edgecombe	770	100.0	39,111	96.2	8,457	100.0	-	-	-	-	88	100.0
Fayetteville	31,162	96.9	52,159	98.5	20,891	71.4	-	-	453	100.0	0	-
Forsyth	18,875	100.0	60,294	100.0	39,226	100.0	110	100.0	143	100.0	37,388	67.7
Gaston	15,606	100.0	55,390	99.0	11,344	79.2	748	100.0	-	-	0	-
Guilford	15,041	60.0	83,276	95.4	33,712	94.4	-	-	-	-	322,640	96.9

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	%
Halifax	7,060	100.0	40,629	99.1	8,510	99.2	-	-	-	-	0	-
Haywood	5,500	100.0	49,882	98.9	11,695	85.1	946	100.0	-	-	5,634	100.0
Isothermal	22,920	100.0	35,146	100.0	17,251	99.5	-	-	-	-	0	-
James Sprunt	3,795	100.0	11,919	100.0	3,016	74.4	-	-	-	-	350	100.0
Johnston	8,584	100.0	50,688	100.0	19,527	86.6	-	-	-	-	4,747	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	5,369	100.0	-	-	-	-	0	-
Mayland	572	100.0	16,167	100.0	3,725	63.0	-	-	-	-	60,881	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	16,891	100.0	2,452	100.0	-	-	-	-	5,318	99.6
Nash	12,562	100.0	31,707	99.4	6,923	91.0	-	-	-	-	0	-
Pamlico	154	100.0	9,361	100.0	3,359	87.5	-	-	-	-	0	-
Piedmont	-	-	15,413	99.1	13,268	100.0	-	-	-	-	0	-
Pitt	18,112	100.0	20,901	100.0	17,790	100.0	-	-	-	-	15,950	100.0
Randolph	5,152	100.0	37,739	100.0	37,933	100.0	-	-	-	-	3,170	100.0
Richmond	989	100.0	37,504	90.1	5,758	98.9	100	44.2	-	-	0	-
Roanoke-Chowan	9,970	100.0	15,437	100.0	5,572	60.8	-	-	-	-	0	-
Robeson	2,054	100.0	43,070	100.0	6,083	100.0	-	-	-	-	544	100.0
Rockingham	25,944	72.1	25,382	99.3	7,861	100.0	964	100.0	-	-	0	-
Rowan-Cabarrus	4,310	100.0	40,047	100.0	13,684	100.0	2,805	100.0	-	-	6,706	100.0
Sampson	-	-	23,599	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	50,954	100.0	8,280	95.2	107	100.0	-	-	59,411	59.6
Southeastern	11,054	100.0	16,677	100.0	6,829	100.0	-	-	-	-	1,407	63.9
Southwestern	18,202	100.0	26,832	100.0	5,484	65.3	-	-	-	-	1,404	100.0
Stanly	1,885	100.0	20,833	100.0	6,797	100.0	130	100.0	-	-	0	-
Surry	17,276	100.0	27,914	100.0	10,571	88.9	-	-	-	-	0	-
Tri-County	-	-	16,853	100.0	8,138	91.2	-	-	-	-	0	-
Vance-Granville	2,710	100.0	43,455	100.0	6,430	68.7	-	-	-	-	11,601	99.3
Wake	72,134	100.0	58,218	100.0	30,737	79.0	-	-	-	-	59	100.0
Wayne	9,214	100.0	32,145	99.8	15,143	100.0	1,768	100.0	-	-	62,972	100.0
Western Piedmont	5,178	100.0	30,551	100.0	8,400	62.4	-	-	-	-	8,937	19.3
Wilkes	20,900	99.9	49,594	89.9	22,893	100.0	1,282	100.0	-	-	9,171	100.0
Wilson	-	-	14,676	100.0	7,698	90.4	-	-	-	-	0	-
Subtotal	681,262	93.5	2,111,940	97.9	773,837	92.2	18,595	96.6	1,975	28.3	781,716	87.4
Private Institutions												
NC Private Universities												
Barton	50,010	100.0	54,818	98.0	7,677	100.0	741	100.0	84,088	80.5	0	-
Campbell	115,707	87.0	134,123	90.4	21,150	97.4	2,964	100.0	174,261	41.6	6,058	86.7
Mars Hill	39,607	88.7	90,791	71.0	16,034	96.4	1,083	45.5	36,084	21.8	12,496	77.3
Pfeiffer	34,964	84.7	24,452	57.7	4,083	34.2	338	100.0	15,395	14.2	11,978	41.5
Subtotal	240,288	89.3	304,184	81.2	48,944	84.4	5,126	79.8	309,828	38.9	30,532	58.7
Grand Total	5,263,337	82.2	7,074,099	92.0	2,759,448	85.8	1,220,487	85.9	9,683,097	76.9	1,868,594	76.5

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Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01, 03
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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
Campbell University	2-2	002913	Harnett	Buies Creek 27506	02
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
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Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
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Durham Technical CC	1-3	005448	Durham	Durham 27703	04
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Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	01
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01
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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
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Pfeiffer University	2-2	002955	Stanly	Misenheimer 28109	08
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

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U. of N. C. at Pembroke	1-2	002954	Robeson	Pembroke 28372	07
U. of N. C. at 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.

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