

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2016



Noble Hall, Western Carolina University

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

**FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 2016**

**For
THE STATE OF NORTH CAROLINA**

FIFTIETH EDITION

**THE UNIVERSITY OF NORTH CAROLINA
Facilities Space Utilization and Analysis
Chapel Hill, North Carolina**

February 2018

Noble Hall
Western Carolina University
(Cover page)

Named after a group of trustees known as the “Noble Nine” who helped develop the school that became Western Carolina University, Noble Hall is the newest addition to WCU’s picturesque campus and it is as functional as it is beautiful.

Three years after a fire heavily damaged part of Western Carolina University’s traditional commercial strip, the \$29.3 million, 120,000 square-foot mixed use facility opened in time for the fall 2016 semester alleviating the need for additional student housing and dining options on campus. Due to its proximity to both academic buildings and recreational facilities, Noble Hall has already become a significant part of WCU’s culture.

Designed by McMillan Pazdan Smith Architecture and constructed by Choate Construction, Noble Hall includes student residential space for up to 420 students; both freshman and returning students. It also includes study and lounge areas, a multipurpose room on each floor, and offices for residential advisors in addition to the commercial and dining space located on the ground level.

Five businesses make up the commercial and dining space of Noble Hall; Chili’s Bar and Grill, Blackrock Outdoor Co., Bob’s Mini Mart, Subway, and MadStone Café and Catching Light Books. Chili’s Bar and Grill, the first Chili’s in North Carolina west of Asheville and Blackrock Outdoor Co. are new to the Western Carolina Community. Bob’s Mini Mart and Subway were both a part of the old commercial strip and have reopened in Noble Hall. MadStone Café and Catching Light Books is a mix of old and new. The owners of two businesses lost in the fire, Mad Batter and Rolling Stone Burrito, teamed up with the owner of City Lights Bookstore in Sylva, NC to create MadStone Café and Catching Light Books. Their hope is that the bookstore/café will become a favorite local spot for the Western Carolina University community.

While mixed-use buildings have been a growing trend in cities for the past couple of decades, the expansion of the model into the university setting is a newer and a welcomed addition to the campus landscape. Buildings like Noble Hall encourage student interaction, enhance the sense of community within a campus, and create bonds between the campus and local businesses.

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Project Officer

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Project OfficerXiaoyun Yang
Dir. Inst. Research**Teaching Hospitals**

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Wilson TCC	Robert Timothy Wright	Hadie Horne VP Finance/Admin

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John Strickland
Facilities Management

Mars Hill College

Dan G. Lunsford

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Dir. Inst. Research

Pfeiffer University

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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 fiftieth 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 2016 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 2016 study can be found at <https://www.northcarolina.edu/facilitiesinventoryandutilizationstudy2016>.

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 2016 comprehensive planning studies. Other studies have been conducted resulting in detailed information pertinent to this study. This information has been incorporated into this 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 which 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 General Administration's Space Utilization and Analysis unit which is a division of Budget and Finance.

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, 4 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 2016. 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.

Because of 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 which 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 which 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 which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which 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 lists and 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 which 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. Beginning in 2016, the space utilization data presented for UNC campuses is pulled from the UNC Student DataMart. While there were not significant variations from previous years, some institutions may see some differences in calculated clock hours. This can be attributed to a better accounting of how classes generate clock hours for the fall snapshot. The North Carolina Community Colleges continue to use the Colleague system as in previous years. 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 which 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 which 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 Budget and Finance Division of the University of North Carolina-General Administration (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.

Because of 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. They are, therefore, 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 which 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, however. 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 these institutions' 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 Math (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 which maintain supplemental or special campus information items when these data are provided with the request.

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Health Sciences Building H, Wake Technical Community College

The new Health Sciences Building H is located on Wake Technical Community College’s Northern Wake Campus. The 64,000 square-foot, three story building features 16 classrooms, six laboratories, an innovative teacher resource center, state-of-art video conferencing rooms and a STEM lab center. The STEM lab center was designed to foster student collaboration and includes wireless access, space for study groups, and whiteboards. The architect for the project was LS3P and the contractor was Barnhill Contracting Company. The Building is designed for LEED Certification.

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 between four and 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 which 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

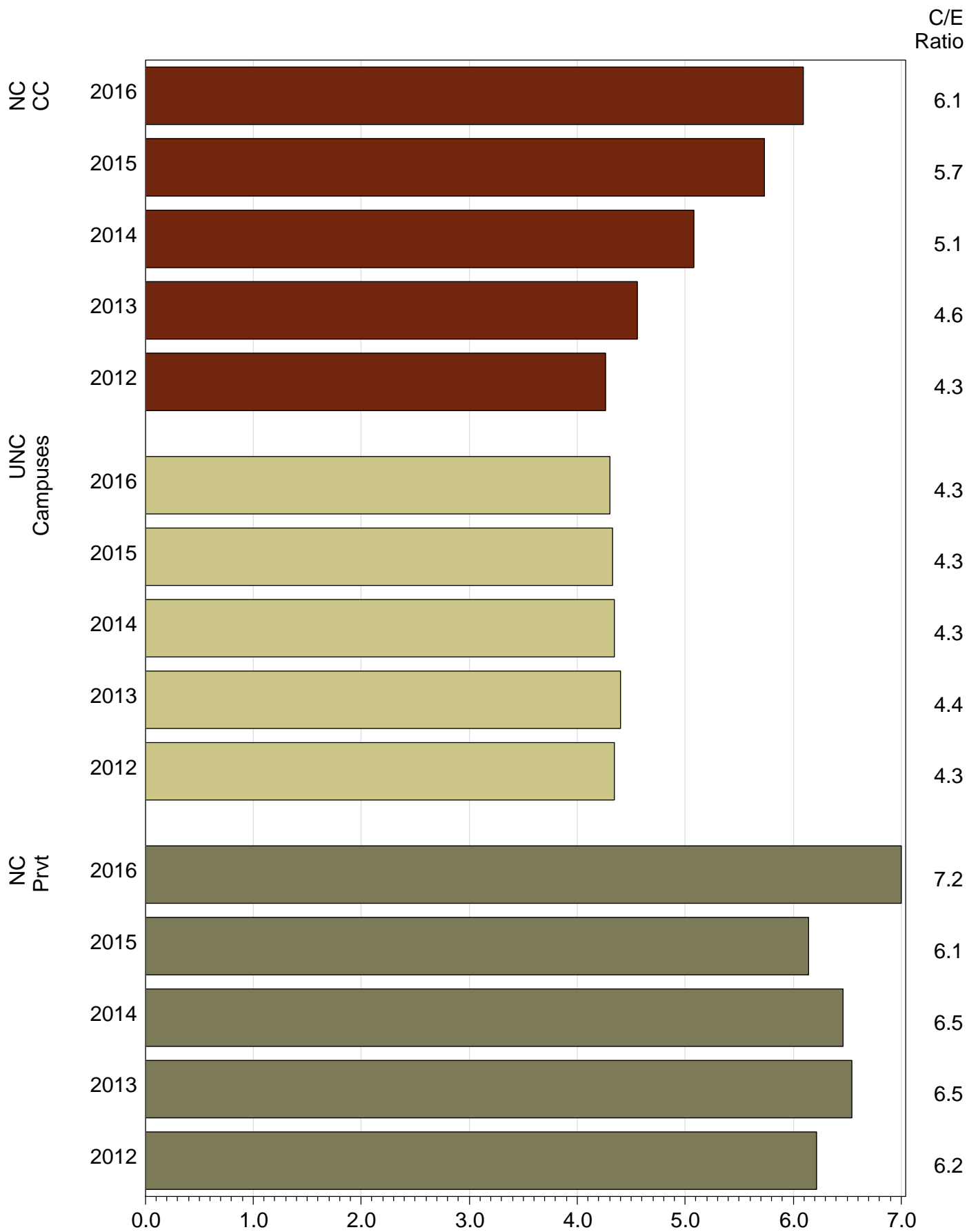


Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2016	2015	2014	2013	2012
Public Institutions							
Research Universities I							
NC State	1,666,592	373,798.0	4.46	4.38	4.23	4.20	4.20
NC State Veterinary Med	-	-	-	-	-	-	-
UNC-Chapel Hill	1,820,254	298,411.0	6.10	6.12	6.06	5.95	5.80
UNC-Chapel Hill Hlth Aff.	-	-	-	-	-	-	-
Subtotal	3,486,846	672,209.0	5.19	5.14	5.02	4.96	4.91
Doctoral Universities I and II							
East Carolina	1,030,824	288,416.0	3.57	3.78	3.91	3.87	4.13
East Carolina Hlth Aff.	-	-	-	-	-	-	-
NC A&T	724,179	139,954.5	5.17	5.22	5.43	5.87	6.08
UNC Charlotte	984,527	351,728.5	2.80	2.84	3.00	3.23	3.26
UNC Greensboro	730,276	203,276.5	3.59	3.76	3.75	3.99	3.45
Subtotal	3,469,806	983,375.5	3.53	3.64	3.78	3.96	3.94
Master's (Comprehensive) Universities and Colleges I							
Appalachian	813,992	261,896.5	3.11	3.11	3.01	3.06	3.06
Fayetteville	325,519	56,363.0	5.78	5.68	5.41	5.17	4.54
NC Central	538,119	93,264.0	5.77	5.79	6.35	5.73	5.41
UNC Pembroke	306,476	64,518.5	4.75	4.76	4.83	4.86	4.73
UNC Wilmington	596,897	181,904.5	3.28	3.06	2.96	3.14	3.11
Western Carolina	550,450	137,119.5	4.01	4.25	4.22	4.25	4.50
Winston-Salem	284,099	61,704.0	4.60	4.90	5.29	5.47	4.41
Subtotal	3,415,552	856,770.0	3.99	4.00	3.98	4.01	3.90
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	290,701	16,862.0	17.24	15.39	14.74	10.59	8.18
UNC Asheville	250,305	52,935.5	4.73	4.05	4.32	4.42	4.63
Subtotal	541,006	69,797.5	7.75	6.76	7.04	6.49	6.03
Schools of Art, Music, and Design							
UNC School of the Arts	331,990	32,028.0	10.37	10.49	9.27	9.54	10.05
Subtotal	331,990	32,028.0	10.37	10.49	9.27	9.54	10.05
Community Colleges							
Alamance	180,178	30,564.5	5.90	4.32	4.10	3.71	3.55
Asheville-Buncombe	432,785	51,977.5	8.33	6.34	5.78	4.34	4.66
Beaufort Co.	130,900	10,366.5	12.63	11.28	7.73	6.00	6.25
Bladen	74,774	14,946.5	5.00	6.23	5.14	4.47	4.49
Blue Ridge	212,012	23,432.0	9.05	10.39	8.43	7.52	6.58
Brunswick	116,522	23,223.5	5.02	4.58	4.39	3.80	4.25
Caldwell	256,059	34,679.0	7.38	8.06	8.12	5.70	4.54
Cape Fear	442,664	94,662.5	4.68	4.42	3.79	3.66	3.04
Carteret	127,656	17,152.5	7.44	7.81	7.40	6.95	6.03
Catawba Valley	252,298	37,387.5	6.75	6.60	5.56	5.38	4.62
Central Carolina	309,156	46,280.5	6.68	6.25	5.55	6.30	5.65
Central Piedmont	954,021	181,913.0	5.24	4.46	4.82	4.34	4.47
Cleveland	150,612	18,619.0	8.09	8.30	7.10	5.47	5.12
Coastal Carolina	186,625	49,073.0	3.80	3.71	3.29	3.15	2.98
Coll. of Albemarle	177,722	15,639.0	11.36	9.72	9.84	9.26	6.43
Craven	161,377	27,737.0	5.82	5.54	5.45	4.72	4.71
Davidson County	215,811	31,823.5	6.78	6.11	5.55	5.01	4.37
Durham	230,842	46,569.0	4.96	4.62	4.34	4.86	3.57
Edgecombe	135,295	19,487.5	6.94	5.44	4.38	4.15	2.79
Fayetteville	478,294	93,565.0	5.11	4.66	4.39	3.70	4.17
Forsyth	489,872	80,462.5	6.09	5.59	4.92	4.18	3.85
Gaston	322,109	52,918.5	6.09	6.75	7.03	5.84	5.23
Guilford	614,524	93,329.0	6.58	6.33	3.84	3.47	3.51
Halifax	110,807	12,516.5	8.85	7.97	7.45	6.37	5.50
Haywood	162,941	15,730.0	10.36	8.93	8.37	8.17	6.84

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2016	2015	2014	2013	2012
Isothermal	167,279	13,706.5	12.20	9.28	10.63	7.37	5.80
James Sprunt	84,930	12,707.5	6.68	6.33	5.63	5.03	4.08
Johnston	213,778	41,387.5	5.17	5.91	6.12	5.01	4.40
Lenoir	223,836	25,325.5	8.84	7.12	6.03	6.05	5.63
Martin	81,131	11,362.5	7.14	15.21	9.32	5.71	5.23
Mayland	81,359	7,369.0	11.04	9.35	7.02	6.43	5.53
McDowell	105,268	10,841.0	9.71	9.18	9.64	5.47	4.65
Mitchell	163,373	31,018.0	5.27	4.99	4.67	4.30	3.75
Montgomery	68,309	8,884.5	7.69	7.63	7.24	7.28	6.87
Nash	154,964	29,664.0	5.22	5.85	3.79	3.60	3.61
Pamlico	33,955	2,924.0	11.61	12.47	11.59	11.07	9.81
Piedmont	89,352	13,412.0	6.66	6.27	5.44	5.47	4.67
Pitt	288,665	66,949.5	4.31	3.95	3.71	3.25	3.08
Randolph	186,351	26,322.0	7.08	6.67	6.77	6.45	5.27
Richmond	110,145	19,937.0	5.52	5.02	4.54	3.73	3.81
Roanoke-Chowan	59,536	6,928.0	8.59	7.83	5.06	3.93	3.94
Robeson	128,525	25,600.0	5.02	4.52	4.25	3.38	3.40
Rockingham	156,756	15,481.0	10.13	10.94	6.86	6.09	5.24
Rowan-Cabarrus	221,390	49,115.5	4.51	4.82	3.74	3.47	3.61
Sampson	96,583	16,906.5	5.71	5.32	4.97	4.48	4.32
Sandhills	246,150	37,826.5	6.51	6.34	5.34	4.86	4.36
South Piedmont	131,325	18,437.0	7.12	6.51	5.31	5.57	5.19
Southeastern	125,557	13,219.0	9.50	8.89	8.96	8.11	6.47
Southwestern	132,938	19,531.5	6.81	5.69	5.44	5.67	4.64
Stanly	100,655	9,540.0	10.55	14.33	8.59	5.35	4.27
Surry	256,549	43,221.0	5.94	6.02	5.27	5.04	4.86
Tri-County	85,254	8,136.0	10.48	8.60	6.70	5.44	7.33
Vance-Granville	157,572	30,205.0	5.22	5.15	4.49	4.21	3.89
Wake	756,641	182,081.5	4.16	3.86	3.21	3.28	3.16
Wayne	173,602	32,075.5	5.41	5.36	5.16	4.29	3.89
Western Piedmont	165,072	20,298.5	8.13	7.97	7.03	6.06	5.11
Wilkes	217,272	25,358.5	8.57	7.32	5.64	4.57	4.71
Wilson	99,018	18,101.0	5.47	6.74	6.09	5.02	5.01
Subtotal	12,288,946	2,017,927.5	6.09	5.73	5.08	4.56	4.26
Private Institutions							
NC Private Universities							
Barton	126,900	18,311.5	6.93	8.42	8.26	7.76	7.94
Campbell	367,748	62,189.0	5.91	4.49	4.91	5.15	4.54
Mars Hill	202,505	20,705.0	9.78	8.23	8.28	8.13	8.55
Pfeiffer	119,318	11,544.0	10.34	9.54	9.47	9.15	8.99
Subtotal	816,471	112,749.5	7.24	6.14	6.46	6.54	6.22
Grand Total	24,350,617	4,744,857.0	5.13	4.99	4.73	4.53	4.34

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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 which 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 because they are irrelevant to space utilization analysis. They 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

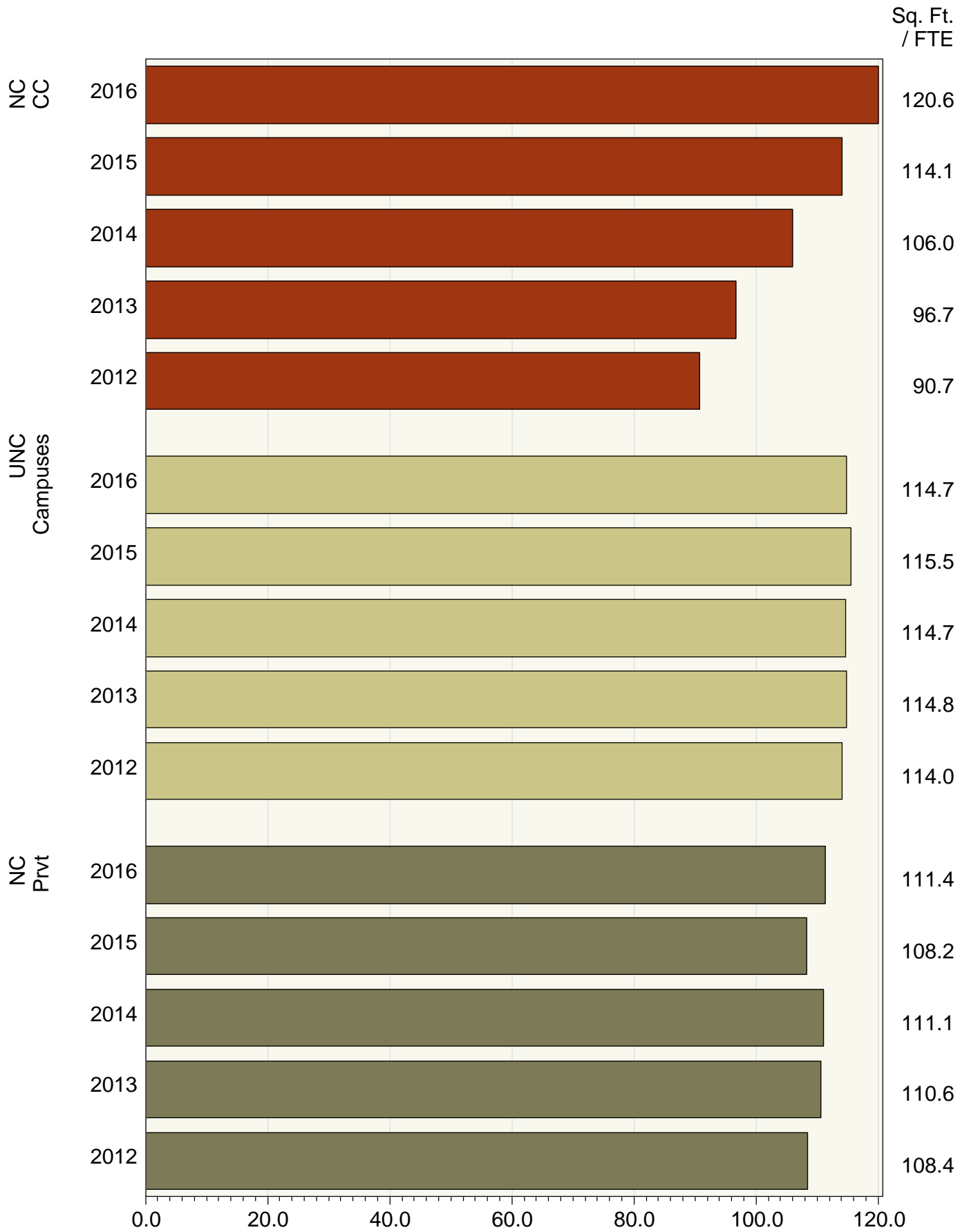


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2016	2015	2014	2013	2012
Public Institutions							
Research Universities I							
NC State	5,900,426	29,838	198	195	193	192	186
NC State Veterinary Med	416,973	393	1,061	1,044	1,104	1,161	1,245
UNC-Chapel Hill	3,839,321	22,971	167	165	165	164	163
UNC-Chapel Hill Hlth Aff.	2,478,199	4,550	545	543	537	513	503
Subtotal	9,739,747	52,809	184	182	181	180	176
Doctoral Universities I and II							
East Carolina	1,669,392	23,364	71	71	71	69	73
East Carolina Hlth Aff.	1,102,376	2,674	412	333	347	335	319
NC A&T	1,562,440	10,457	149	150	155	157	157
UNC Charlotte	1,834,820	26,275	70	75	70	72	73
UNC Greensboro	1,475,622	17,885	83	85	87	90	86
Subtotal	6,542,274	77,981	84	86	86	87	88
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,236,225	17,571	70	71	70	71	71
Fayetteville	521,438	5,431	96	99	102	98	92
NC Central	809,326	7,492	108	108	112	106	100
UNC Pembroke	528,647	5,584	95	91	86	87	86
UNC Wilmington	1,026,989	14,463	71	70	71	73	76
Western Carolina	846,766	9,815	86	91	91	93	97
Winston-Salem	539,854	4,806	112	114	100	97	92
Subtotal	5,509,245	65,162	85	86	84	85	84
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	415,638	1,292	322	270	231	178	150
UNC Asheville	411,612	3,517	117	115	116	117	123
Subtotal	827,250	4,809	172	161	155	141	135
Schools of Art, Music, and Design							
UNC School of the Arts	532,361	1,026	519	558	471	499	514
UNC Subtotal	23,150,877	201,787	115	116	115	115	114
Community Colleges							
Alamance	217,505	3,016	72	67	69	68	63
Asheville-Buncombe	528,131	4,938	107	89	86	74	69
Beaufort Co.	169,346	676	251	213	154	139	130
Bladen	96,554	1,032	94	94	85	85	78
Blue Ridge	251,038	1,144	219	209	188	162	162
Brunswick	154,092	832	185	159	133	133	139
Caldwell	305,710	2,132	143	136	125	117	95
Cape Fear	564,973	5,746	98	94	87	85	67
Carteret	159,764	888	180	184	174	166	146
Catawba Valley	306,583	3,238	95	91	111	118	106
Central Carolina	351,208	3,706	95	97	93	96	86
Central Piedmont	1,288,707	9,780	132	123	123	110	110
Cleveland	185,494	1,254	148	152	133	106	101
Coastal Carolina	221,492	2,552	87	79	74	73	72
Coll. of Albemarle	257,639	846	305	276	236	210	193
Craven	192,942	1,492	129	123	119	105	108
Davidson County	288,504	2,922	99	95	89	88	85
Durham	326,191	2,804	116	115	108	105	100
Edgecombe	181,185	944	192	143	112	95	87

*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 2016 figures for these programs are: ASF: 332,078; FTE: 1,040; ASF per FTE: 319. Figures for all other campus programs are: ASF: 1,230,362; FTE: 9,417; ASF per FTE: 131.

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

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				
			2016	2015	2014	2013	2012
Fayetteville	628,859	8,316	76	73	68	65	64
Forsyth	628,149	5,612	112	107	95	90	78
Gaston	399,348	4,048	99	95	94	89	88
Guilford	1,035,714	6,068	171	162	146	89	77
Halifax	164,887	622	265	242	218	204	167
Haywood	207,592	826	251	229	207	179	165
Isothermal	225,549	878	257	231	201	168	138
James Sprunt	119,233	888	134	119	112	96	84
Johnston	285,327	2,090	137	128	119	113	110
Lenoir	265,574	2,000	133	130	114	115	115
Martin	103,392	592	175	206	202	165	161
Mayland	102,157	674	152	182	129	120	114
McDowell	135,940	880	154	151	155	104	92
Mitchell	209,691	1,552	135	138	132	118	109
Montgomery	81,246	674	121	126	114	123	118
Nash	186,998	1,518	123	101	66	70	72
Pamlico	50,723	112	453	409	649	666	618
Piedmont	131,743	972	136	127	111	105	92
Pitt	352,693	6,196	57	55	51	50	50
Randolph	247,823	1,292	192	179	164	143	136
Richmond	162,416	1,856	88	91	90	84	82
Roanoke-Chowan	80,418	364	221	197	166	141	139
Robeson	167,127	1,584	106	98	95	85	66
Rockingham	205,010	1,284	160	148	133	121	125
Rowan-Cabarrus	333,821	2,688	124	133	93	88	86
Sampson	117,946	870	136	131	118	108	109
Sandhills	287,899	2,084	138	128	118	107	100
South Piedmont	185,199	1,560	119	119	176	170	164
Southeastern	164,074	706	232	194	195	172	138
Southwestern	175,051	1,194	147	137	129	135	127
Stanly	130,258	1,800	72	70	66	64	61
Surry	295,678	2,490	119	116	111	103	101
Tri-County	115,611	418	277	262	214	188	164
Vance-Granville	233,641	2,174	107	97	90	82	79
Wake	921,440	11,342	81	76	67	67	66
Wayne	225,479	1,698	133	87	84	74	75
Western Piedmont	258,730	1,140	227	202	280	145	137
Wilkes	277,379	1,558	178	163	107	97	99
Wilson	122,899	704	175	169	149	134	132
Subtotal	16,069,772	133,266	121	114	106	97	91
Private Institutions							
NC Private Universities							
Barton	174,428	1,051	166	174	178	179	178
Campbell	509,185	6,283	81	78	83	83	76
Mars Hill	261,362	1,379	190	170	164	165	180
Pfeiffer	182,736	1,414	129	133	123	121	117
Subtotal	1,127,711	10,127	111	108	111	111	108
Grand Total	40,348,360	345,180	117	115	111	107	104

*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 2016 figures for these programs are: ASF: 332,078; FTE: 1,040; ASF per FTE: 319. Figures for all other campus programs are: ASF: 1,230,362; FTE: 9,417; ASF per FTE: 131.

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

TABLE 3:
**AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN CLASSROOMS**

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

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which 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 which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which 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.

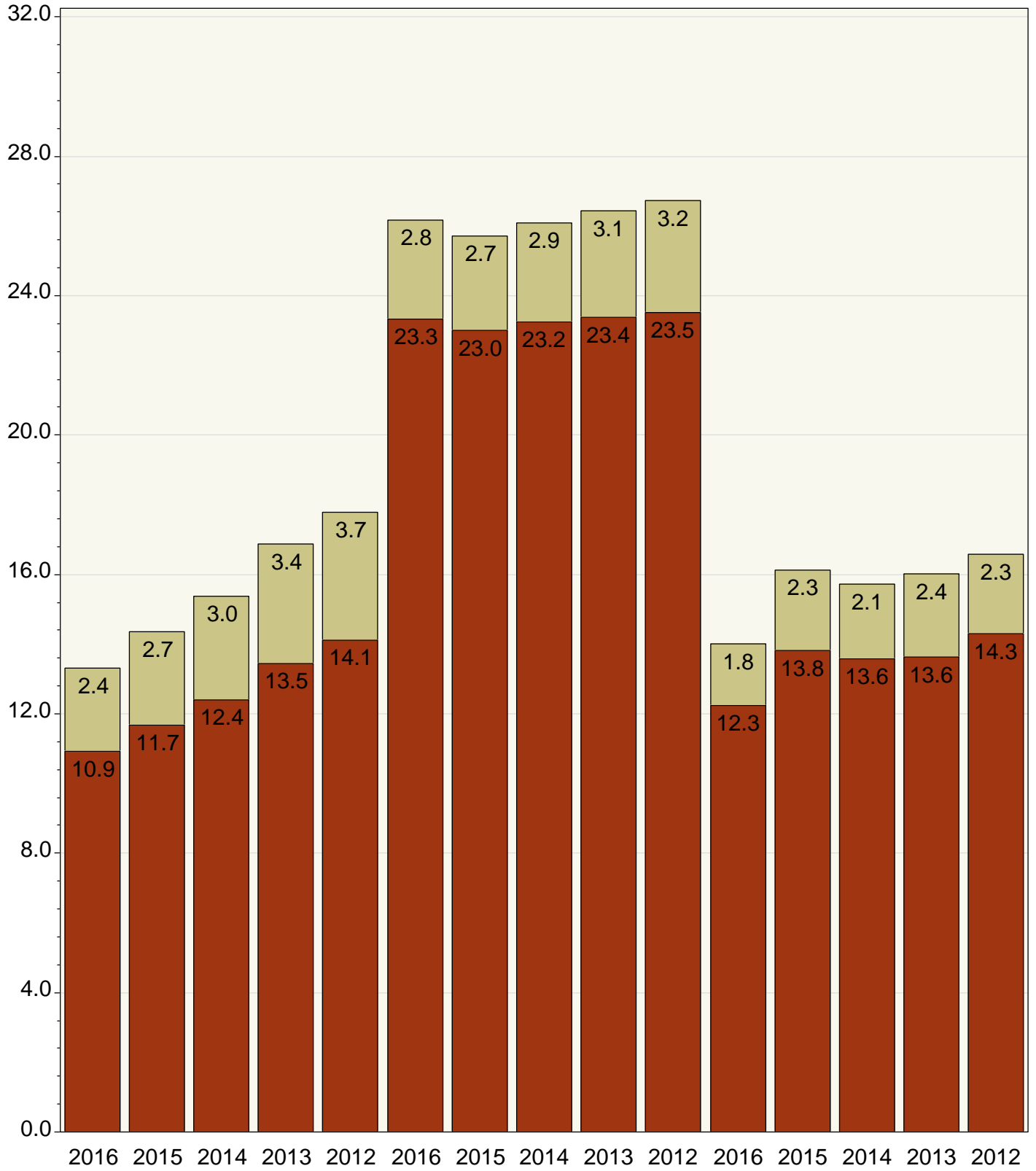
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section 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 the institutions in North Carolina and in many other states average significantly fewer hours.

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				
				2016	2015	2014	2013	2012
Public Institutions								
Research Universities I								
NC State	7,145.5	29.2	2.0	31.2	30.8	30.3	30.8	29.9
UNC-Chapel Hill	7,673.0	25.5	1.9	27.4	27.2	27.3	26.9	26.8
Subtotal	14,818.5	27.2	1.9	29.1	28.9	28.6	28.7	28.1
Doctoral Universities I and II								
East Carolina	5,397.0	25.8	1.7	27.5	26.1	27.0	27.1	27.1
NC A&T	3,528.5	20.0	3.1	23.1	22.6	24.9	24.1	23.6
UNC Charlotte	7,567.5	26.0	6.4	32.4	31.2	30.5	30.5	30.2
UNC Greensboro	4,337.0	25.8	3.5	29.3	28.0	28.2	30.0	32.2
Subtotal	20,830.0	24.7	3.9	28.6	27.4	27.9	28.0	28.3
Master's (Comprehensive) Universities and Colleges I								
Appalachian	6,188.5	27.0	2.3	29.3	28.9	30.2	30.3	31.0
Fayetteville	1,590.5	19.2	5.2	24.4	25.0	28.5	30.3	33.1
NC Central	2,504.0	14.3	2.2	16.5	16.1	17.6	18.9	19.2
UNC Pembroke	2,453.5	19.5	3.4	22.9	22.1	23.3	23.0	23.3
UNC Wilmington	4,585.0	23.8	2.8	26.6	27.0	26.8	26.7	27.3
Western Carolina	3,328.0	27.7	2.6	30.3	29.2	28.9	28.0	26.0
Winston-Salem	1,768.0	19.5	2.6	22.1	23.2	22.2	24.2	29.7
Subtotal	22,417.5	22.2	2.8	25.0	24.8	25.6	26.1	26.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	758.5	7.6	1.0	8.6	8.4	8.1	10.9	13.9
UNC Asheville	1,752.0	24.7	2.7	27.4	28.1	28.0	28.5	25.8
Subtotal	2,510.5	14.8	1.7	16.5	16.7	16.0	17.8	19.2
Schools of Art, Music, and Design								
UNC School of the Arts	506.0	10.5	0.2	10.7	11.6	10.6	11.3	11.7
Subtotal	506.0	10.5	0.2	10.7	11.6	10.6	11.3	11.7
Community Colleges								
Alamance	1,057.5	8.9	1.7	10.6	17.1	16.6	19.4	18.9
Asheville-Buncombe	1,419.5	8.9	1.6	10.5	12.1	14.8	18.8	15.7
Beaufort Co.	550.0	7.8	1.7	9.5	9.5	12.1	14.4	13.1
Bladen	456.5	10.7	1.6	12.3	14.0	12.5	18.0	18.3
Blue Ridge	1,069.5	9.8	3.1	12.9	14.0	14.7	16.3	15.9
Brunswick	1,456.0	14.9	2.5	17.4	17.1	15.4	18.9	17.9
Caldwell	1,375.5	10.8	1.3	12.1	12.4	11.0	14.8	17.6
Cape Fear	2,915.0	15.7	4.3	20.0	20.5	23.1	24.4	26.4
Carteret	857.5	9.9	3.5	13.4	13.0	11.7	14.8	14.6
Catawba Valley	1,105.5	9.7	1.8	11.5	11.7	13.5	16.4	18.1
Central Carolina	1,985.0	9.7	1.7	11.4	11.3	12.2	11.1	11.7
Central Piedmont	6,123.0	10.7	3.3	14.0	17.4	16.1	18.9	19.8
Cleveland	900.5	11.0	3.0	14.0	14.0	14.5	15.3	16.0
Coastal Carolina	1,816.0	14.3	3.3	17.6	19.3	18.3	20.2	23.9
Coll. of Albemarle	524.5	5.9	1.3	7.2	9.4	8.9	8.9	11.8
Craven	1,292.5	11.8	3.8	15.6	15.1	14.9	15.8	15.6
Davidson County	1,183.5	11.1	1.1	12.2	13.5	13.9	14.1	15.0
Durham	1,591.0	11.3	2.8	14.1	15.8	15.3	12.1	17.5
Edgecombe	910.0	9.1	3.0	12.1	14.7	16.1	13.5	18.3
Fayetteville	3,300.0	12.2	1.9	14.1	15.2	15.7	17.4	16.4
Forsyth	2,684.0	10.1	2.4	12.5	15.1	14.8	17.4	21.1
Gaston	1,898.5	10.6	3.2	13.8	13.2	11.3	13.1	14.5
Guilford	2,977.5	8.7	1.5	10.2	11.2	16.1	20.1	19.9
Halifax	443.0	8.1	1.1	9.2	10.8	14.7	16.3	15.3
Haywood	535.0	11.2	2.2	13.4	13.9	13.4	13.2	14.8
Isothermal	433.5	6.1	0.8	6.9	7.2	7.9	9.1	10.1
James Sprunt	506.0	10.3	1.7	12.0	12.2	14.7	15.7	16.7
Johnston	1,560.0	10.8	2.3	13.1	12.7	12.7	14.5	15.5
Lenoir	1,173.0	9.9	1.7	11.6	13.8	15.1	14.9	14.8

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2016	2015	2014	2013	2012
Martin	255.5	7.6	1.9	9.5	6.9	10.7	12.4	17.9
Mayland	439.0	8.0	1.3	9.3	10.6	12.4	12.5	15.2
McDowell	428.0	7.0	2.7	9.7	11.5	12.4	15.4	15.1
Mitchell	1,243.0	10.8	2.3	13.1	13.5	13.2	14.6	16.4
Montgomery	421.5	10.6	4.4	15.0	17.2	16.7	17.5	18.6
Nash	1,308.0	11.1	3.3	14.4	14.1	18.6	20.3	20.9
Pamlico	102.0	5.4	1.9	7.3	10.0	12.0	11.2	10.6
Piedmont	472.5	7.8	1.3	9.1	11.4	13.9	15.1	16.5
Pitt	2,343.5	20.2	4.2	24.4	25.8	27.3	28.0	29.2
Randolph	1,195.0	10.2	2.1	12.3	12.2	11.3	11.2	14.7
Richmond	715.0	12.8	2.1	14.9	14.4	17.9	21.0	21.2
Roanoke-Chowan	433.5	10.8	3.2	14.0	13.6	12.1	15.0	16.4
Robeson	729.0	12.9	3.7	16.6	17.2	19.1	20.1	19.1
Rockingham	649.0	13.8	1.7	15.5	15.3	16.4	16.5	21.5
Rowan-Cabarrus	2,513.0	12.6	4.0	16.6	15.8	23.9	24.2	22.6
Sampson	642.0	12.1	3.2	15.3	16.5	17.5	17.7	19.1
Sandhills	1,636.5	10.7	2.2	12.9	13.5	13.9	16.0	17.3
South Piedmont	805.0	10.4	2.3	12.7	14.2	14.3	12.9	15.5
Southeastern	447.0	6.9	1.0	7.9	8.1	9.8	10.3	13.0
Southwestern	744.5	12.5	0.8	13.3	15.9	19.0	17.6	19.0
Stanly	444.0	7.3	1.3	8.6	7.5	8.9	16.0	18.2
Surry	1,722.5	12.6	1.9	14.5	14.7	14.4	15.4	16.8
Tri-County	461.5	6.7	1.9	8.6	9.7	11.6	14.0	11.3
Vance-Granville	906.5	12.1	2.3	14.4	17.7	18.9	20.3	18.2
Wake	4,614.5	14.0	2.8	16.8	18.6	22.3	22.3	20.8
Wayne	1,036.5	16.0	2.5	18.5	17.2	19.0	17.0	16.5
Western Piedmont	759.5	10.7	2.2	12.9	13.8	12.8	16.1	18.6
Wilkes	1,219.5	10.5	1.2	11.7	12.1	15.6	16.0	17.3
Wilson	627.0	9.0	2.2	11.2	10.1	10.8	12.6	13.5
Subtotal	73,413.0	10.9	2.4	13.3	14.4	15.4	16.9	17.8
Private Institutions								
NC Private Universities								
Barton	608.0	12.8	2.5	15.3	16.0	15.8	17.4	17.0
Campbell	1,726.0	15.6	1.7	17.3	19.6	18.7	17.7	18.8
Mars Hill	921.5	9.8	1.3	11.1	14.9	14.1	16.0	16.9
Pfeiffer	566.0	9.3	2.1	11.4	11.1	12.2	11.8	12.0
Subtotal	3,821.5	12.3	1.7	14.0	16.1	15.7	16.0	16.6
Grand Total	138,317.0	14.5	2.5	17.0	17.8	18.5	19.8	20.5

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 which 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).

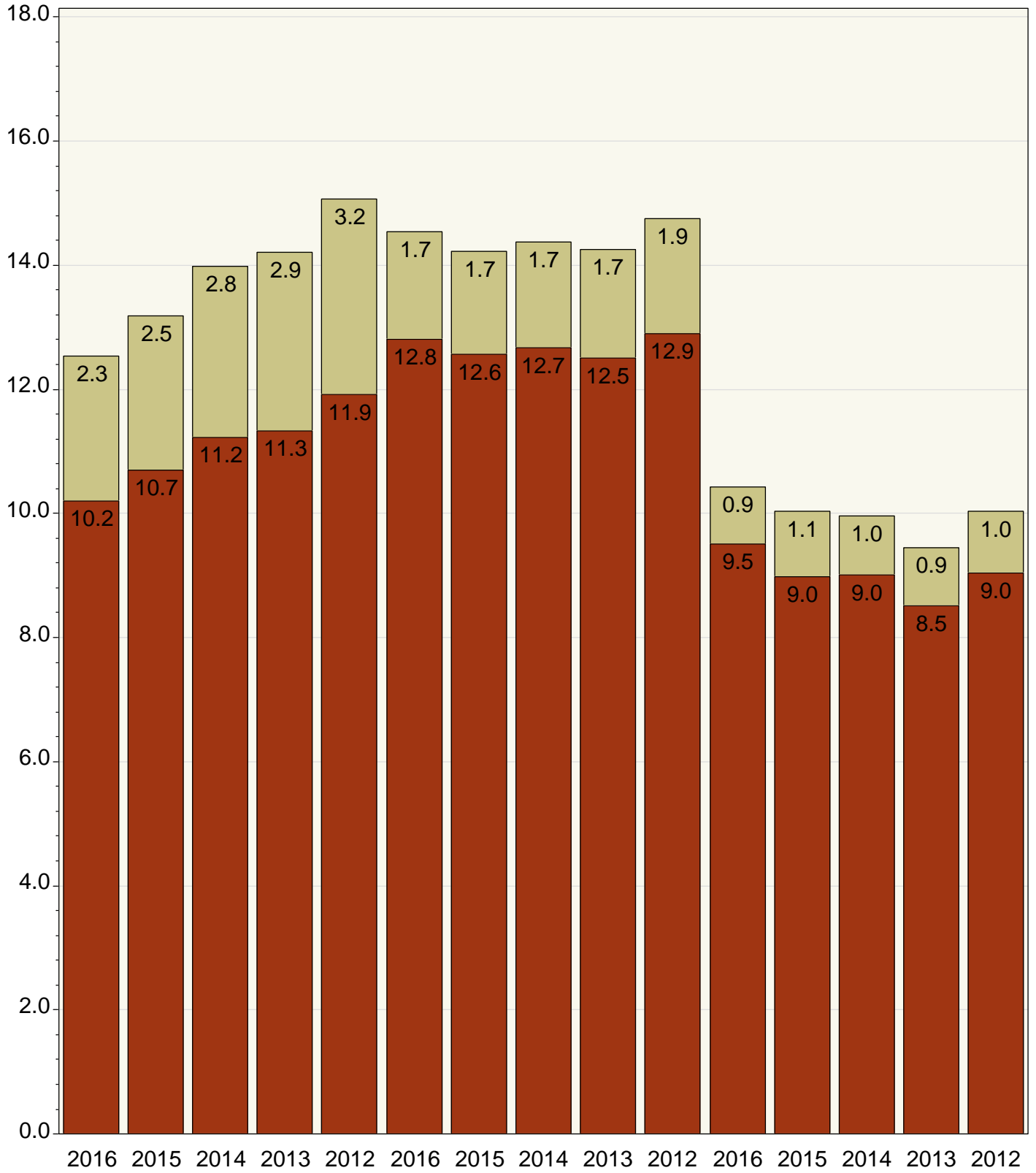
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited 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.

Because 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.

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				
				2016	2015	2014	2013	2012
Public Institutions								
Research Universities I								
NC State	3,366.5	12.4	1.2	13.6	13.3	12.7	12.4	11.5
UNC-Chapel Hill	1,036.0	8.7	1.2	9.9	11.2	11.7	11.5	13.9
Subtotal	4,402.5	11.3	1.2	12.5	12.7	12.5	12.2	12.1
Doctoral Universities I and II								
East Carolina	2,449.5	13.1	1.5	14.6	12.9	14.9	15.6	14.3
NC A&T	1,224.0	12.8	1.8	14.6	14.1	14.4	14.5	14.0
UNC Charlotte	2,449.5	14.4	2.9	17.3	19.0	16.8	15.6	16.7
UNC Greensboro	1,560.5	18.5	2.0	20.5	19.0	18.9	21.0	24.0
Subtotal	7,683.5	14.3	2.1	16.4	15.7	16.0	16.2	16.5
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,818.0	19.7	2.2	21.9	21.5	23.2	22.6	22.4
Fayetteville	593.0	9.7	2.0	11.7	12.6	11.2	12.2	15.9
NC Central	674.5	9.2	1.2	10.4	8.7	8.6	10.1	10.9
UNC Pembroke	506.5	15.3	1.1	16.4	17.6	17.5	17.1	15.8
UNC Wilmington	1,725.5	15.1	2.7	17.8	16.9	17.0	14.9	18.1
Western Carolina	1,307.0	14.4	2.2	16.6	15.0	14.9	14.0	14.2
Winston-Salem	485.0	8.6	0.5	9.1	11.3	10.7	9.8	12.5
Subtotal	8,109.5	14.2	1.9	16.1	15.7	15.8	15.2	16.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	337.0	4.1	0.5	4.6	4.6	6.2	8.2	8.9
UNC Asheville	366.0	10.3	2.3	12.6	14.6	15.1	13.5	13.4
Subtotal	703.0	5.8	1.0	6.8	7.1	8.5	10.0	10.7
Schools of Art, Music, and Design								
UNC School of the Arts	928.5	10.6	2.1	12.7	11.9	11.6	11.6	11.3
Subtotal	928.5	10.6	2.1	12.7	11.9	11.6	11.6	11.3
Community Colleges								
Alamance	797.5	12.3	2.2	14.5	15.5	16.7	16.6	16.3
Asheville-Buncombe	1,474.5	8.7	1.9	10.6	15.6	15.8	17.6	17.9
Beaufort Co.	272.0	7.3	1.5	8.8	9.7	10.4	10.5	13.8
Bladen	485.0	13.5	4.5	18.0	16.6	17.7	15.9	19.2
Blue Ridge	779.5	10.7	2.0	12.7	11.9	12.8	12.2	13.1
Brunswick	251.5	15.0	1.8	16.8	19.5	19.4	18.3	18.9
Caldwell	729.5	8.8	2.3	11.1	9.1	8.6	10.4	11.8
Cape Fear	2,504.5	17.2	3.2	20.4	20.8	23.8	20.9	24.3
Carteret	424.0	7.3	2.1	9.4	9.5	10.0	9.1	9.4
Catawba Valley	1,025.0	9.5	1.6	11.1	12.0	13.7	14.0	16.0
Central Carolina	1,122.5	9.0	1.7	10.7	10.0	8.5	8.8	10.3
Central Piedmont	2,243.0	9.3	2.9	12.2	14.9	14.6	13.9	12.9
Cleveland	639.0	7.5	2.8	10.3	11.0	11.0	12.4	14.1
Coastal Carolina	1,125.0	18.8	1.7	20.5	19.7	22.5	20.9	22.1
Coll. of Albemarle	481.0	6.4	0.9	7.3	7.5	7.8	7.3	9.6
Craven	505.5	8.3	3.8	12.1	14.7	14.9	13.0	12.3
Davidson County	554.0	8.4	1.3	9.7	10.7	10.7	10.2	14.7
Durham	958.5	9.2	2.9	12.1	10.6	11.7	9.0	12.7
Edgecombe	727.0	8.6	3.0	11.6	13.4	14.4	17.1	18.4
Fayetteville	2,176.0	11.0	2.4	13.4	14.9	13.4	15.0	13.6
Forsyth	1,680.5	9.1	2.4	11.5	13.2	16.1	17.0	17.8
Gaston	783.5	9.5	2.6	12.1	11.6	11.4	13.2	14.1
Guilford	1,316.5	6.0	1.4	7.4	6.7	10.0	11.1	10.0
Halifax	347.0	11.8	1.0	12.8	12.3	13.0	13.3	12.9
Haywood	713.5	9.8	1.4	11.2	13.4	12.7	12.7	12.5
Isothermal	359.0	6.3	1.5	7.8	9.8	10.0	12.2	13.8
James Sprunt	369.5	12.1	2.7	14.8	12.9	14.8	13.4	15.5
Johnston	473.0	9.0	1.3	10.3	9.9	10.4	11.9	10.6
Lenoir	665.0	8.2	1.6	9.8	10.8	12.2	10.8	11.9

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2016	2015	2014	2013	2012
Martin	377.5	13.1	2.0	15.1	8.9	15.4	16.4	15.1
Mayland	140.5	4.8	1.3	6.1	8.9	8.0	10.7	12.7
McDowell	406.0	10.2	4.3	14.5	17.0	16.1	21.4	22.3
Mitchell	480.0	9.1	4.2	13.3	11.5	10.9	12.8	14.9
Montgomery	347.5	15.5	3.8	19.3	21.0	22.4	22.7	20.8
Nash	599.0	10.7	3.6	14.3	11.2	16.7	16.9	17.5
Pamlico	207.5	8.8	3.4	12.2	10.0	13.2	11.0	11.0
Piedmont	375.0	10.2	3.2	13.4	16.0	17.8	19.7	22.1
Pitt	1,475.0	12.3	2.3	14.6	16.1	15.6	16.4	17.2
Randolph	477.5	7.8	1.7	9.5	10.0	8.8	10.6	10.3
Richmond	648.0	12.4	4.2	16.6	16.2	15.4	16.9	17.3
Roanoke-Chowan	273.5	10.0	2.5	12.5	16.0	16.0	17.3	17.8
Robeson	792.5	13.2	3.0	16.2	15.7	18.9	19.3	16.9
Rockingham	413.0	6.9	2.5	9.4	7.7	10.8	10.5	11.9
Rowan-Cabarrus	647.5	11.5	3.2	14.7	18.4	19.7	17.4	18.7
Sampson	321.0	8.9	3.4	12.3	13.3	12.5	12.6	13.3
Sandhills	524.5	8.0	0.9	8.9	10.5	9.8	9.9	11.3
South Piedmont	365.5	8.7	1.4	10.1	12.1	14.8	15.0	14.5
Southeastern	336.5	9.2	1.3	10.5	12.4	11.1	13.0	12.0
Southwestern	608.5	10.9	1.5	12.4	11.7	13.7	13.4	15.1
Stanly	305.0	11.9	1.4	13.3	4.8	11.6	15.6	18.6
Surry	664.0	11.9	2.0	13.9	13.2	13.2	13.5	14.0
Tri-County	357.5	9.7	3.0	12.7	15.3	13.2	15.4	16.0
Vance-Granville	971.5	11.4	3.3	14.7	14.6	17.8	14.8	18.2
Wake	3,615.0	13.5	3.4	16.9	17.8	18.7	17.3	19.0
Wayne	854.0	12.4	2.1	14.5	15.4	14.4	15.9	17.2
Western Piedmont	522.5	9.4	1.9	11.3	12.6	13.3	14.5	16.6
Wilkes	566.0	11.6	1.6	13.2	15.1	15.0	16.3	15.1
Wilson	487.5	13.4	3.4	16.8	16.9	18.3	17.1	15.5
Subtotal	44,141.0	10.2	2.3	12.5	13.2	14.0	14.2	15.0
Private Institutions								
NC Private Universities								
Barton	272.5	12.8	0.8	13.6	8.2	10.4	9.6	9.8
Campbell	481.0	9.9	2.1	12.0	14.3	13.0	13.1	13.4
Mars Hill	265.0	9.0	0.1	9.1	9.5	9.4	7.6	8.5
Pfeiffer	139.0	6.3	-	-	5.6	5.6	5.8	7.1
Subtotal	1,157.5	9.5	0.9	10.4	10.1	10.0	9.4	10.0
Grand Total	67,125.5	10.9	2.1	13.0	13.4	14.0	14.1	14.9

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.

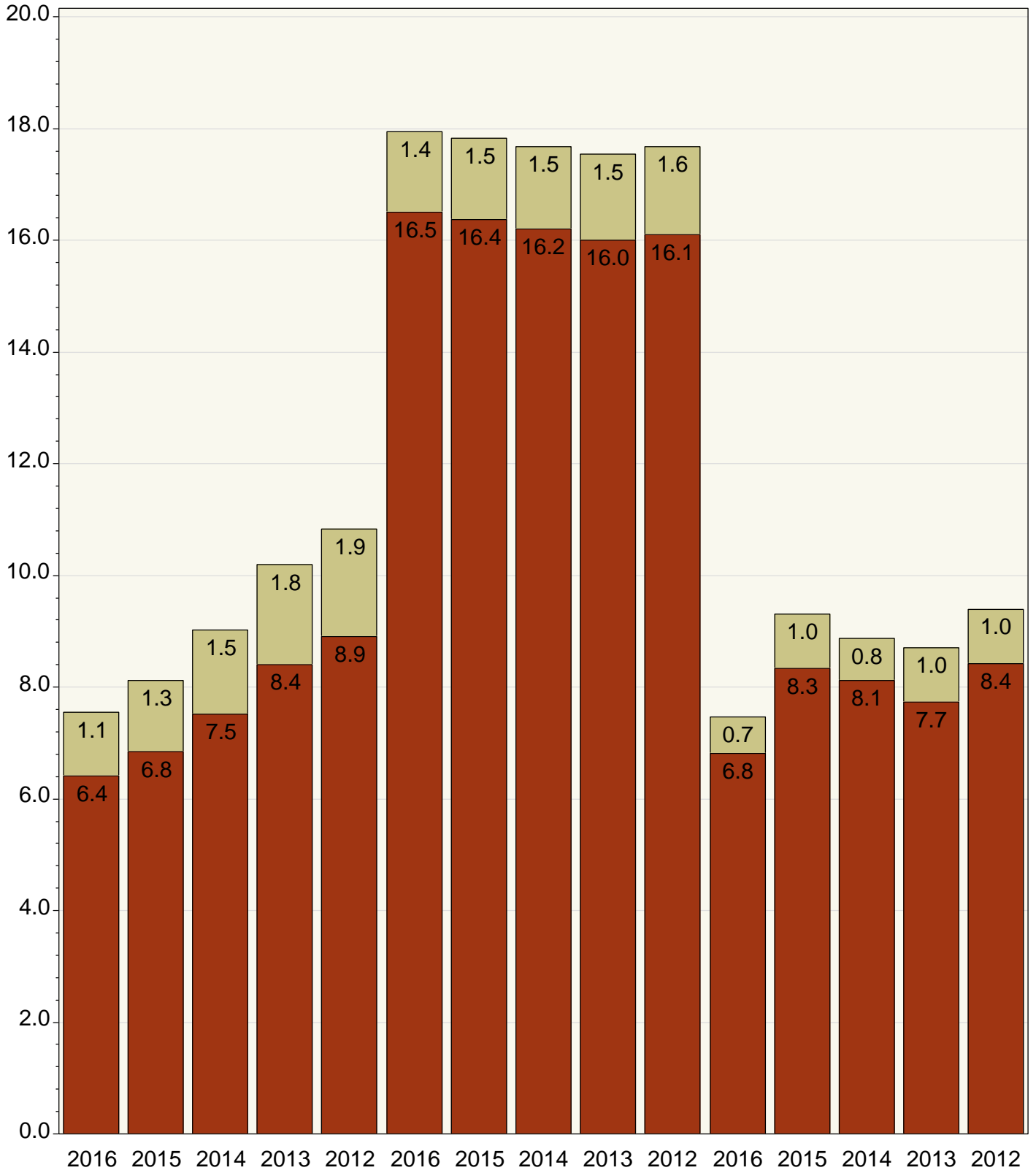
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 20 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table 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 which 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				
					2016	2015	2014	2013	2012
Public Institutions									
Research Universities I									
NC State	14,342	281,459	18.8	0.8	19.6	19.9	19.9	20.2	20.7
UNC-Chapel Hill	14,586	268,749	17.4	1.0	18.4	18.6	18.7	18.0	17.7
Subtotal	28,928	550,208	18.1	0.9	19.0	19.3	19.2	19.1	19.1
Doctoral Universities I and II									
East Carolina	10,022	223,450	21.3	1.0	22.3	20.4	19.0	19.2	19.2
NC A&T	6,832	95,950	12.6	1.5	14.1	14.1	14.4	13.6	13.3
UNC Charlotte	13,390	297,993	18.8	3.4	22.2	22.4	21.5	21.6	20.5
UNC Greensboro	8,790	160,506	16.7	1.6	18.3	17.9	17.9	17.1	18.8
Subtotal	39,034	777,898	17.9	2.1	20.0	19.4	18.7	18.4	18.5
Master's (Comprehensive) Universities and Colleges I									
Appalachian	8,570	179,736	19.7	1.3	21.0	20.8	22.2	21.9	22.0
Fayetteville	2,593	38,826	12.6	2.3	14.9	15.1	16.5	17.2	18.7
NC Central	6,397	63,608	8.9	1.1	10.0	10.1	10.1	10.9	11.2
UNC Pembroke	3,662	52,586	13.2	1.2	14.4	14.4	14.3	14.4	14.8
UNC Wilmington	7,946	145,812	16.8	1.5	18.3	18.4	18.4	17.8	17.3
Western Carolina	4,637	97,246	19.5	1.5	21.0	20.2	20.2	20.4	18.8
Winston-Salem	3,289	43,384	12.1	1.1	13.2	12.5	11.5	11.1	14.2
Subtotal	37,094	621,196	15.4	1.4	16.8	16.7	16.9	16.8	17.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	3,262	11,498	3.2	0.3	3.5	3.9	4.0	5.1	7.1
UNC Asheville	2,295	37,025	14.9	1.2	16.1	17.5	17.1	17.4	16.1
Subtotal	5,557	48,523	8.0	0.7	8.7	9.5	9.1	9.6	10.8
Schools of Art, Music, and Design									
UNC School of the Arts	1,122	7,187	6.3	0.1	6.4	6.8	6.2	6.4	6.7
Subtotal	1,122	7,187	6.3	0.1	6.4	6.8	6.2	6.4	6.7
Community Colleges									
Alamance	3,101	18,892	5.5	0.6	6.1	9.4	9.8	11.1	12.2
Asheville-Buncombe	4,261	26,860	5.5	0.8	6.3	7.6	9.2	12.2	11.7
Beaufort Co.	2,363	6,983	2.5	0.4	2.9	3.4	4.7	6.5	5.6
Bladen	969	7,554	6.2	1.6	7.8	6.8	7.8	8.4	7.5
Blue Ridge	2,159	13,055	5.0	1.0	6.0	5.7	6.3	7.6	8.2
Brunswick	2,074	18,842	7.9	1.2	9.1	9.1	7.2	8.9	8.1
Caldwell	3,302	23,182	6.4	0.6	7.0	6.4	6.2	9.3	11.5
Cape Fear	4,476	51,829	9.4	2.1	11.5	12.4	13.9	14.9	17.8
Carteret	1,494	10,569	5.3	1.8	7.1	6.8	6.5	7.0	7.7
Catawba Valley	2,860	20,760	6.1	1.1	7.2	7.1	8.7	8.9	11.5
Central Carolina	5,015	29,593	5.1	0.8	5.9	6.7	7.8	6.6	7.0
Central Piedmont	13,069	134,214	8.1	2.2	10.3	12.2	11.5	13.5	13.3
Cleveland	1,964	10,476	4.5	0.9	5.4	4.9	5.5	6.8	7.4
Coastal Carolina	3,076	30,725	8.4	1.6	10.0	11.0	10.5	11.7	14.0
Coll. of Albemarle	1,754	8,568	4.1	0.8	4.9	5.7	6.0	5.7	8.0
Craven	1,939	19,855	8.0	2.3	10.3	10.1	10.6	13.7	13.6
Davidson County	2,957	21,831	6.9	0.5	7.4	7.6	8.7	10.0	10.2
Durham	3,311	32,370	7.9	1.9	9.8	9.6	9.5	8.7	12.1
Edgecombe	1,886	9,051	3.9	0.9	4.8	6.9	8.7	8.1	11.6
Fayetteville	9,675	55,456	5.2	0.6	5.8	6.5	6.9	8.2	7.2
Forsyth	6,193	52,161	7.0	1.4	8.4	9.3	9.2	10.7	12.8
Gaston	4,621	36,535	6.5	1.4	7.9	7.3	6.7	8.6	8.8
Guilford	8,628	65,218	6.5	1.0	7.5	8.0	12.6	14.8	15.3
Halifax	1,309	5,925	4.1	0.4	4.5	5.7	7.2	8.5	8.9
Haywood	1,189	6,876	5.1	0.7	5.8	6.3	6.8	6.7	7.2
Isothermal	2,043	6,672	2.9	0.3	3.2	4.2	3.4	4.5	6.0
James Sprunt	1,016	6,462	5.8	0.5	6.3	6.5	6.0	7.9	9.1
Johnston	3,614	28,250	6.7	1.1	7.8	7.5	7.5	9.6	10.8

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				
					2016	2015	2014	2013	2012
Lenoir	2,823	15,534	5.0	0.5	5.5	6.7	7.7	7.8	8.3
Martin	739	2,296	2.4	0.7	3.1	2.1	4.7	6.5	8.4
Mayland	1,232	4,917	3.6	0.4	4.0	4.6	6.1	7.1	8.3
McDowell	1,285	4,637	2.8	0.9	3.7	4.0	4.2	5.5	7.7
Mitchell	2,800	19,643	5.8	1.2	7.0	7.7	8.2	9.0	10.4
Montgomery	840	5,203	4.7	1.5	6.2	6.3	6.9	6.6	6.9
Nash	2,728	19,636	6.1	1.1	7.2	7.3	9.8	10.1	11.1
Pamlico	303	1,057	2.0	1.5	3.5	3.7	4.3	4.4	4.9
Piedmont	1,297	6,128	4.2	0.5	4.7	5.8	6.9	6.7	7.4
Pitt	3,182	41,829	11.3	1.9	13.2	14.9	16.4	18.7	19.3
Randolph	2,682	19,286	6.1	1.1	7.2	7.6	7.4	7.8	9.4
Richmond	1,642	10,912	6.0	0.6	6.6	7.5	8.4	10.4	10.6
Roanoke-Chowan	782	4,034	3.9	1.2	5.1	4.9	8.3	7.5	10.2
Robeson	1,274	13,503	8.8	1.8	10.6	11.6	11.7	14.1	14.3
Rockingham	1,326	9,926	7.0	0.5	7.5	8.0	9.3	10.3	11.5
Rowan-Cabarrus	4,202	37,992	7.3	1.8	9.1	8.4	12.9	14.3	13.4
Sampson	1,382	11,034	6.5	1.5	8.0	9.1	9.7	9.9	10.5
Sandhills	4,150	28,742	6.3	0.7	7.0	7.1	7.9	9.2	10.6
South Piedmont	1,571	12,147	6.5	1.2	7.7	8.3	9.3	8.6	8.7
Southeastern	2,133	6,444	2.7	0.3	3.0	3.7	3.7	4.2	5.6
Southwestern	1,384	10,401	7.2	0.3	7.5	10.1	11.1	9.5	11.9
Stanly	1,846	5,826	2.9	0.3	3.2	3.0	3.7	6.9	7.7
Surry	3,486	27,535	7.1	0.8	7.9	8.2	9.5	10.3	10.4
Tri-County	1,346	3,891	2.5	0.4	2.9	3.4	5.8	6.8	5.6
Vance-Granville	2,018	14,496	6.2	1.0	7.2	8.2	9.3	10.1	10.4
Wake	9,762	112,690	9.9	1.6	11.5	12.3	14.3	14.7	13.6
Wayne	1,754	17,767	9.2	0.9	10.1	9.6	10.9	10.9	10.8
Western Piedmont	2,065	10,988	4.7	0.7	5.4	5.4	5.5	8.4	11.0
Wilkes	3,305	17,448	5.0	0.3	5.3	5.6	7.4	8.4	8.3
Wilson	1,874	8,846	4.1	0.6	4.7	4.2	4.7	6.4	6.5
Subtotal	167,531	1,263,538	6.4	1.1	7.5	8.1	9.0	10.2	10.8
Private Institutions									
NC Private Universities									
Barton	1,678	11,727	5.9	1.1	7.0	6.7	6.6	6.9	6.9
Campbell	5,567	48,100	8.0	0.6	8.6	11.4	10.5	9.8	11.3
Mars Hill	2,369	15,180	6.0	0.4	6.4	8.6	8.5	9.1	9.3
Pfeiffer	1,603	8,763	4.8	0.6	5.4	6.0	6.2	6.4	6.5
Subtotal	11,217	83,769	6.8	0.6	7.4	9.3	8.9	8.7	9.4
Grand Total	290,483	3,352,318	10.3	1.2	11.5	11.9	12.4	13.1	13.6

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.

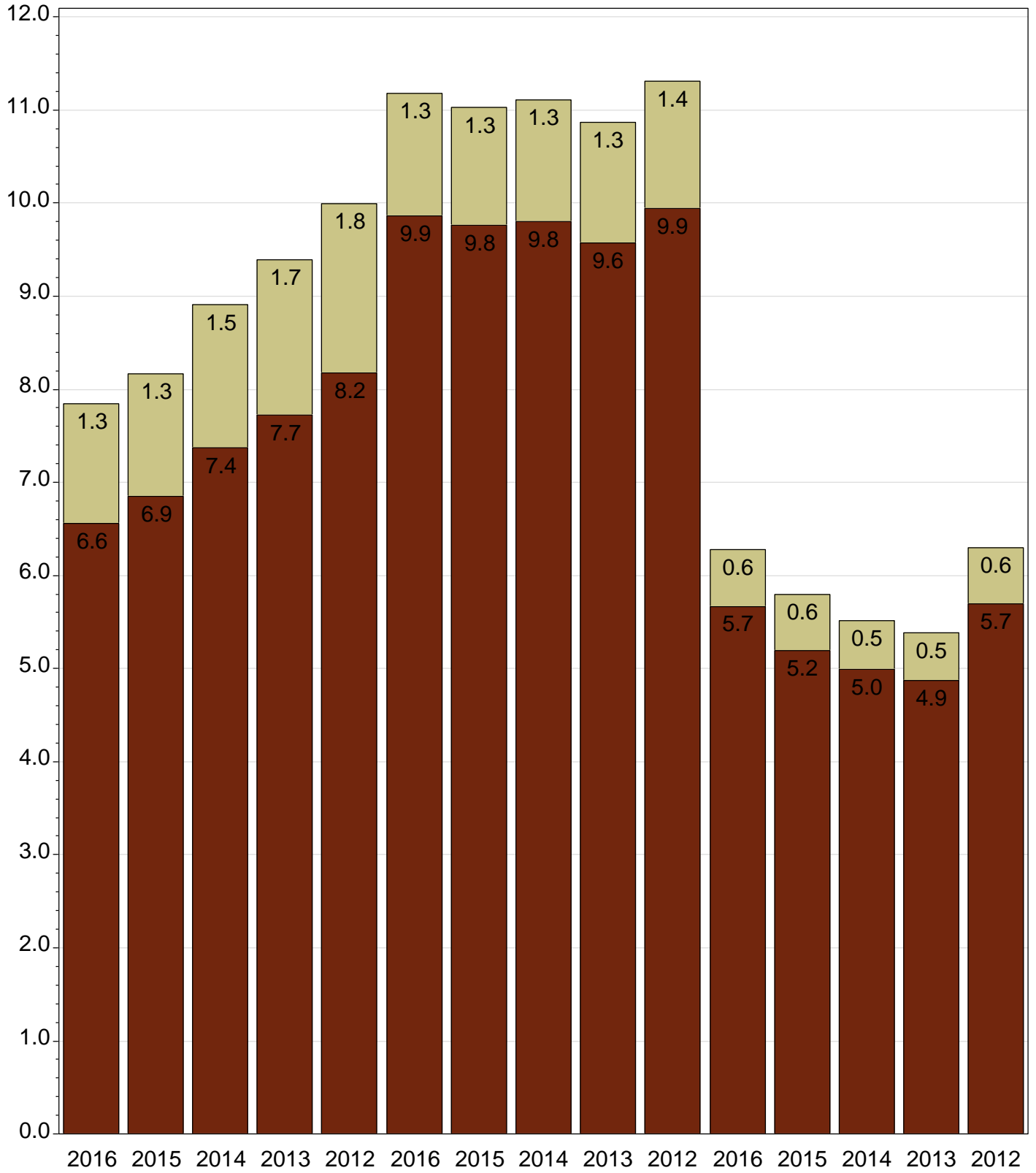
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for a discussion of what the term class laboratory includes and page 20 for precise definitions of daytime and nighttime 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 which has been frequently cited is 15 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 75% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

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				
					2016	2015	2014	2013	2012
Public Institutions									
Research Universities I									
NC State	6,461	71,897	10.2	0.9	11.1	11.4	11.3	11.0	10.9
UNC-Chapel Hill	2,910	19,769	5.6	1.2	6.8	7.6	8.1	8.6	11.2
Subtotal	9,371	91,666	8.8	1.0	9.8	10.2	10.3	10.4	11.0
Doctoral Universities I and II									
East Carolina	4,405	50,095	10.0	1.3	11.3	10.2	10.4	10.9	9.8
NC A&T	2,119	23,769	10.0	1.2	11.2	11.4	11.4	11.1	10.3
UNC Charlotte	3,889	48,091	10.3	2.0	12.3	13.8	12.5	12.0	11.3
UNC Greensboro	2,547	32,686	11.6	1.2	12.8	11.8	13.0	12.6	16.4
Subtotal	12,960	154,640	10.4	1.5	11.9	11.7	11.7	11.5	11.5
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,899	52,796	16.4	1.9	18.3	17.8	19.0	18.4	18.2
Fayetteville	1,418	12,700	7.4	1.6	9.0	9.2	8.5	9.2	11.0
NC Central	1,387	15,142	9.9	1.0	10.9	8.6	8.1	9.3	11.5
UNC Pembroke	689	9,472	13.1	0.7	13.8	13.3	12.9	12.2	12.2
UNC Wilmington	2,429	33,218	11.9	1.8	13.7	13.1	13.0	10.7	13.3
Western Carolina	2,083	28,660	11.8	2.0	13.8	12.0	12.0	11.4	11.3
Winston-Salem	1,209	8,485	6.7	0.3	7.0	7.4	7.7	6.2	7.4
Subtotal	12,114	160,473	11.7	1.5	13.2	12.5	12.5	11.7	12.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,644	4,564	2.3	0.4	2.7	3.3	4.1	6.1	6.5
UNC Asheville	584	5,884	8.3	1.8	10.1	10.1	10.2	8.9	9.5
Subtotal	2,228	10,448	3.9	0.8	4.7	5.1	5.8	7.1	7.7
Schools of Art, Music, and Design									
UNC School of the Arts	1,885	13,995	6.2	1.2	7.4	8.1	8.2	7.7	6.9
Subtotal	1,885	13,995	6.2	1.2	7.4	8.1	8.2	7.7	6.9
Community Colleges									
Alamance	1,331	11,559	7.5	1.2	8.7	9.5	10.0	10.3	9.6
Asheville-Buncombe	3,587	23,970	5.6	1.1	6.7	9.3	9.2	10.8	11.4
Beaufort Co.	1,228	2,516	1.7	0.3	2.0	2.3	3.9	4.1	5.2
Bladen	635	7,262	8.4	3.0	11.4	8.3	10.3	8.2	11.3
Blue Ridge	1,283	8,097	5.4	0.9	6.3	5.3	6.0	5.5	6.3
Brunswick	373	3,641	8.9	0.9	9.8	11.4	13.3	13.5	11.9
Caldwell	1,464	10,464	5.9	1.2	7.1	6.5	5.5	7.6	9.8
Cape Fear	3,044	37,124	10.4	1.8	12.2	12.7	15.4	15.2	17.1
Carteret	1,024	6,147	4.8	1.2	6.0	5.5	6.5	6.2	8.0
Catawba Valley	1,935	14,333	6.3	1.1	7.4	7.9	8.9	9.6	10.8
Central Carolina	2,384	15,241	5.6	0.8	6.4	6.1	5.8	6.0	6.7
Central Piedmont	4,516	41,538	7.2	2.0	9.2	10.5	9.8	9.4	8.6
Cleveland	1,405	8,032	4.6	1.1	5.7	5.6	6.5	8.2	8.9
Coastal Carolina	1,418	17,540	11.6	0.8	12.4	11.8	14.9	13.9	13.3
Coll. of Albemarle	1,252	5,856	4.2	0.5	4.7	4.9	5.1	5.1	6.9
Craven	1,082	7,050	4.5	2.0	6.5	7.5	7.7	7.9	7.9
Davidson County	1,512	9,377	5.4	0.8	6.2	6.8	6.7	6.6	8.4
Durham	1,678	13,859	6.3	1.9	8.2	6.9	8.0	6.5	8.3
Edgecombe	1,327	7,009	4.3	1.0	5.3	7.4	8.1	12.0	14.9
Fayetteville	4,170	34,605	7.1	1.2	8.3	8.9	8.5	9.8	9.3
Forsyth	3,253	25,710	6.5	1.4	7.9	8.9	10.9	12.0	12.5
Gaston	1,720	11,906	6.0	0.9	6.9	6.4	6.8	7.8	8.9
Guilford	3,881	23,862	5.0	1.1	6.1	6.7	10.1	9.3	8.1
Halifax	586	5,376	8.7	0.5	9.2	8.9	7.2	8.3	12.5
Haywood	1,140	7,869	6.1	0.8	6.9	7.3	7.6	7.8	9.5
Isothermal	993	5,397	4.5	0.9	5.4	7.2	7.4	9.0	10.9
James Sprunt	362	4,732	11.0	2.1	13.1	10.4	7.1	7.7	9.0
Johnston	1,173	7,370	5.5	0.7	6.2	5.3	5.9	7.1	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				
					2016	2015	2014	2013	2012
Lenoir	1,697	7,430	3.8	0.6	4.4	5.6	6.3	6.2	6.8
Martin	578	4,891	7.4	1.1	8.5	3.1	8.1	10.3	9.1
Mayland	454	1,931	3.4	0.8	4.2	5.6	5.6	7.2	6.6
McDowell	758	4,931	4.8	1.7	6.5	7.9	7.0	10.1	11.0
Mitchell	887	6,795	5.2	2.5	7.7	7.3	7.3	8.2	10.2
Montgomery	382	3,525	7.3	1.9	9.2	10.2	10.0	11.1	10.5
Nash	922	6,734	5.8	1.5	7.3	5.6	10.0	11.1	9.0
Pamlico	314	1,543	3.7	1.2	4.9	3.9	3.3	3.8	3.8
Piedmont	772	4,382	4.4	1.2	5.6	7.1	7.8	8.8	10.5
Pitt	1,788	21,855	10.5	1.8	12.3	13.5	13.0	14.4	15.3
Randolph	1,177	6,344	4.7	0.7	5.4	5.8	5.9	6.1	6.9
Richmond	878	8,704	7.5	2.4	9.9	9.6	9.5	11.3	10.8
Roanoke-Chowan	451	2,497	4.4	1.1	5.5	6.4	8.5	8.5	10.2
Robeson	1,128	12,098	9.4	1.3	10.7	11.5	13.4	14.9	14.5
Rockingham	872	4,353	3.8	1.2	5.0	4.4	6.4	6.1	6.9
Rowan-Cabarrus	1,054	8,782	6.9	1.4	8.3	11.0	12.2	11.7	12.7
Sampson	585	4,467	6.2	1.4	7.6	8.6	9.8	11.8	11.9
Sandhills	1,284	7,807	5.5	0.6	6.1	6.4	7.2	6.4	7.3
South Piedmont	857	4,999	5.0	0.8	5.8	6.9	8.5	9.4	8.5
Southeastern	854	4,050	4.1	0.7	4.8	5.0	4.8	5.0	5.3
Southwestern	783	7,411	8.5	1.0	9.5	9.7	10.4	11.0	11.4
Stanly	804	3,607	4.1	0.4	4.5	1.3	3.6	4.5	6.0
Surry	1,240	9,367	6.6	0.9	7.5	7.4	8.7	9.8	8.6
Tri-County	586	4,032	4.8	2.0	6.8	8.3	8.5	12.3	8.0
Vance-Granville	1,774	13,183	6.4	1.0	7.4	7.0	8.3	8.6	11.0
Wake	4,673	64,571	11.4	2.5	13.9	14.5	15.2	14.5	16.6
Wayne	1,555	13,452	7.6	1.0	8.6	9.7	9.0	10.6	11.6
Western Piedmont	938	7,011	6.4	1.0	7.4	7.7	8.2	8.8	9.2
Wilkes	1,143	6,866	5.6	0.4	6.0	5.8	6.2	7.2	6.3
Wilson	700	5,153	5.8	1.6	7.4	7.3	8.9	8.9	8.7
Subtotal	81,644	640,199	6.6	1.3	7.9	8.1	8.9	9.4	10.0
Private Institutions									
NC Private Universities									
Barton	475	5,755	11.3	0.9	12.2	5.9	7.2	7.6	7.3
Campbell	1,431	7,812	4.5	1.0	5.5	6.1	5.3	5.3	7.5
Mars Hill	762	3,669	4.8	0.1	4.9	5.4	5.1	4.3	4.6
Pfeiffer	426	2,200	5.2	-	-	5.5	5.0	5.0	5.3
Subtotal	3,094	19,435	5.7	0.6	6.3	5.8	5.5	5.4	6.3
Grand Total	123,296	1,090,855	7.6	1.3	8.9	9.0	9.5	9.7	10.3

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 room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which 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.

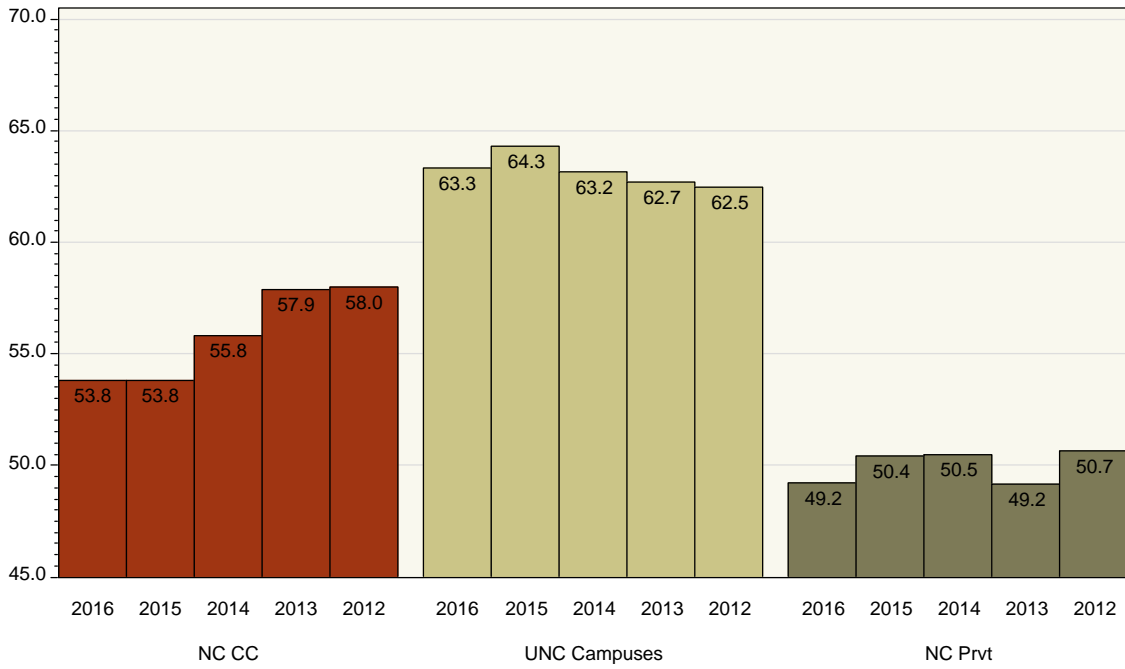
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, 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 because of 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%.

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

Percent of Student Station Utilization Classrooms and Class Laboratories

In Classrooms



In Laboratories

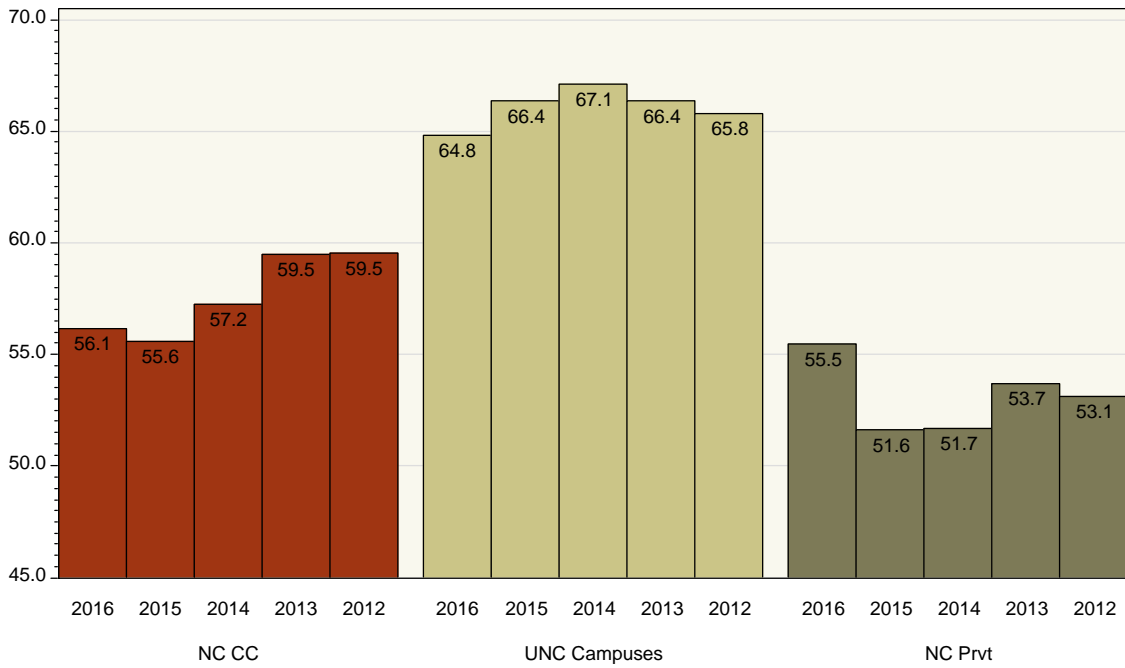


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012
Public Institutions										
Research Universities I										
NC State	62.7	63.8	65.2	64.5	66.3	71.6	75.9	77.7	76.6	75.4
UNC-Chapel Hill	64.6	66.7	64.9	66.0	66.4	49.6	52.5	57.7	65.3	71.7
Subtotal	63.6	65.1	65.1	65.2	66.4	65.4	68.8	71.7	73.9	74.3
Doctoral Universities I and II										
East Carolina	72.3	70.0	64.3	63.8	63.8	62.7	62.1	56.6	56.7	54.3
NC A&T	54.2	56.9	56.0	54.7	53.4	70.6	73.8	72.8	69.2	70.8
UNC Charlotte	65.1	67.8	65.9	67.9	65.0	62.4	64.6	67.0	67.6	63.4
UNC Greensboro	63.3	64.4	64.3	58.2	61.1	52.7	58.2	68.4	60.6	62.3
Subtotal	65.0	66.0	63.6	62.5	62.0	61.2	63.7	64.6	62.9	61.4
Master's (Comprehensive) Universities and Colleges I										
Appalachian	67.6	68.4	69.5	68.9	68.8	76.8	77.0	76.5	75.6	75.2
Fayetteville	57.5	57.2	55.6	54.5	54.5	65.6	65.3	63.7	61.2	59.9
NC Central	51.4	53.7	51.9	51.2	50.5	83.9	80.5	66.7	74.0	79.2
UNC Pembroke	59.7	62.3	59.2	59.9	62.0	74.7	68.0	65.4	65.0	66.1
UNC Wilmington	63.7	64.4	63.3	63.6	60.4	72.1	70.7	69.6	66.0	68.3
Western Carolina	67.1	67.6	68.0	70.6	70.7	65.4	62.7	63.9	64.7	61.8
Winston-Salem	57.3	50.1	48.3	45.0	48.2	58.7	46.5	53.3	49.9	47.5
Subtotal	62.4	62.7	62.1	61.6	60.9	71.9	69.0	68.3	67.4	67.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	38.3	40.6	41.8	44.1	48.2	43.2	52.2	48.3	54.0	56.9
UNC Asheville	57.5	60.3	59.8	61.0	59.3	60.0	59.3	60.0	61.3	65.3
Subtotal	51.4	54.0	53.6	54.1	54.3	51.3	55.7	53.2	57.0	60.7
Schools of Art, Music, and Design										
UNC School of the Arts	53.2	56.3	53.4	52.2	50.3	48.1	61.6	65.4	61.9	56.1
Subtotal	53.2	56.3	53.4	52.2	50.3	48.1	61.6	65.4	61.9	56.1
Community Colleges										
Alamance	45.6	48.4	51.4	50.5	57.1	54.4	55.2	53.8	55.3	52.0
Asheville-Buncombe	62.6	63.3	65.5	66.5	75.4	51.1	51.9	49.9	54.3	55.9
Beaufort Co.	30.9	32.5	35.6	40.1	42.1	21.6	23.3	35.2	38.2	38.8
Bladen	55.8	44.7	56.9	46.3	39.9	60.9	47.7	54.8	47.3	53.4
Blue Ridge	46.0	41.1	42.3	46.2	49.4	44.1	41.6	43.5	40.5	43.9
Brunswick	51.5	48.9	50.2	42.2	47.0	56.9	57.7	67.6	70.4	60.0
Caldwell	56.2	51.6	57.0	62.0	62.4	54.7	56.9	53.6	59.0	67.9
Cape Fear	57.3	58.5	58.8	60.0	63.6	57.5	58.2	62.8	67.8	67.9
Carteret	48.0	46.7	48.6	46.5	49.9	55.6	52.6	53.6	56.0	69.7
Catawba Valley	59.2	57.9	61.9	52.3	60.9	64.6	62.5	61.1	66.7	65.7
Central Carolina	49.3	54.5	57.8	53.2	54.3	52.5	54.2	62.3	61.4	61.6
Central Piedmont	69.2	68.1	69.1	70.7	65.8	69.9	68.6	62.3	63.6	62.5
Cleveland	38.8	35.1	38.7	44.4	45.6	42.9	39.6	45.2	51.3	50.3
Coastal Carolina	53.1	54.4	55.1	55.7	56.7	58.2	57.5	64.1	63.9	59.0
Coll. of Albemarle	59.5	56.1	59.2	54.2	55.9	63.6	55.5	56.2	60.2	63.0
Craven	63.0	63.2	65.8	79.4	79.8	53.8	51.4	51.5	58.8	60.8
Davidson County	49.8	49.5	54.6	61.0	57.9	56.5	56.4	53.9	56.3	49.6
Durham	59.5	55.0	54.7	67.8	61.7	58.9	54.6	56.3	60.5	59.5
Edgecombe	35.6	44.5	48.9	53.1	58.1	38.2	45.5	46.1	57.5	67.6
Fayetteville	40.0	41.4	42.1	45.2	42.0	58.3	57.1	61.1	61.6	62.8
Forsyth	62.0	57.0	57.3	57.4	56.4	60.2	62.0	63.7	66.0	66.4
Gaston	57.3	57.0	59.9	66.2	60.7	53.8	53.5	57.2	56.2	58.0
Guilford	66.8	63.2	73.9	71.4	71.7	62.7	69.6	76.9	66.3	56.9
Halifax	44.8	45.9	44.0	46.9	52.0	61.9	63.8	44.7	50.4	78.6
Haywood	47.3	45.4	53.1	52.1	49.6	52.6	45.3	49.7	50.4	55.4
Isothermal	43.1	51.4	39.5	43.2	48.3	63.8	60.0	60.0	65.7	69.0
James Sprunt	48.9	51.7	36.8	46.4	52.2	73.0	67.4	43.6	53.4	50.2
Johnston	53.6	51.6	52.8	59.7	63.9	56.6	51.9	53.1	56.9	62.6
Lenoir	49.7	49.0	52.3	55.7	60.4	39.9	45.4	46.1	52.4	50.8
Martin	39.3	32.9	43.3	52.8	46.6	48.6	30.9	44.6	54.1	50.7

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

Institution	Classrooms					Laboratories				
	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012
Mayland	44.1	43.5	49.7	59.0	56.7	60.0	54.5	56.9	56.1	49.3
McDowell	33.3	34.6	32.8	38.8	44.4	42.0	41.7	39.4	43.9	44.1
Mitchell	50.0	52.2	56.9	56.7	58.2	56.9	59.2	61.0	60.8	68.1
Montgomery	45.9	38.2	43.1	38.0	38.3	55.3	53.4	48.4	52.2	52.3
Nash	47.2	51.3	49.1	52.1	49.5	46.3	42.8	57.9	60.6	47.6
Pamlico	47.3	33.6	34.3	36.2	42.8	37.6	35.6	26.6	30.9	30.2
Piedmont	44.2	43.9	43.8	38.5	37.9	38.4	38.6	40.9	40.1	44.1
Pitt	52.1	56.7	59.4	65.7	65.6	69.5	69.2	69.3	71.5	73.5
Randolph	52.2	52.9	55.6	59.5	58.0	48.4	52.5	61.8	51.6	56.3
Richmond	43.4	46.7	41.8	45.6	46.7	56.3	54.7	55.6	59.5	57.4
Roanoke-Chowan	37.5	35.6	64.8	46.9	59.3	38.8	35.2	51.5	47.2	55.2
Robeson	64.1	66.4	60.2	66.7	73.9	65.3	71.7	70.3	73.9	84.1
Rockingham	48.5	48.4	53.4	58.9	49.9	43.3	45.0	48.9	47.5	48.4
Rowan-Cabarrus	53.1	53.6	54.5	59.6	59.4	55.1	55.9	58.5	63.9	62.8
Sampson	55.4	57.1	58.5	59.2	57.5	58.4	62.3	76.8	88.0	81.3
Sandhills	51.7	50.5	53.3	55.9	58.4	58.9	53.9	63.3	55.1	54.9
South Piedmont	56.5	55.0	59.2	63.4	54.5	53.4	53.2	51.1	56.5	56.5
Southeastern	35.9	38.7	36.9	38.5	36.8	41.9	37.9	39.4	36.5	40.2
Southwestern	54.3	62.6	56.4	52.0	59.5	65.9	69.7	64.1	67.0	65.6
Stanly	37.4	43.2	39.6	45.5	42.2	34.5	17.7	25.6	29.9	31.7
Surry	52.7	54.1	67.0	65.7	59.8	50.7	52.1	67.6	71.9	61.5
Tri-County	34.1	33.9	46.9	45.9	44.0	47.8	48.3	55.5	73.1	43.7
Vance-Granville	48.9	47.1	48.5	49.8	55.5	49.7	45.9	45.4	55.1	58.6
Wake	65.6	65.3	64.5	67.1	66.8	70.2	71.2	71.7	73.7	77.3
Wayne	51.4	52.0	53.3	59.8	58.8	53.9	57.6	52.1	57.8	61.0
Western Piedmont	42.1	39.9	43.9	53.8	59.4	60.8	54.4	55.8	59.4	50.7
Wilkes	42.9	42.2	45.5	49.5	46.6	43.0	37.0	38.8	41.7	40.0
Wilson	44.7	44.5	48.4	53.9	53.0	41.0	40.2	45.9	52.4	54.0
Subtotal	53.8	53.8	55.8	57.9	58.0	56.1	55.6	57.2	59.5	59.5
Private Institutions										
NC Private Universities										
Barton	40.9	39.3	38.4	37.4	38.4	73.7	62.1	56.8	63.0	65.1
Campbell	51.2	53.1	53.5	51.8	53.9	48.4	47.8	48.9	48.5	52.5
Mars Hill	57.0	53.6	54.1	54.2	53.7	46.2	44.5	44.0	47.5	39.6
Pfeiffer	41.8	46.6	47.2	46.9	49.3	70.1	79.1	79.5	77.0	69.1
Subtotal	49.2	50.4	50.5	49.2	50.6	55.5	51.6	51.7	53.7	53.1
Grand Total	59.0	59.3	59.5	60.1	60.1	59.3	59.2	60.4	61.6	61.4

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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	11
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	2016			2015			2014		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Research Universities I									
NC State	281,459.0	71,897.0	20,442.0	286,282.5	74,974.0	20,513.0	293,932.0	76,414.0	20,727.0
UNC-Chapel Hill	268,749.0	19,769.0	9,893.0	265,679.0	22,468.5	10,242.0	267,018.0	24,012.0	10,151.5
Subtotal	550,208.0	91,666.0	30,335.0	551,961.5	97,442.5	30,755.0	560,950.0	100,426.0	30,878.5
Doctoral Universities I and II									
East Carolina	223,449.5	50,094.5	14,872.0	207,716.0	43,837.0	17,078.5	198,574.5	42,787.5	14,127.0
NC A&T	95,950.0	23,769.0	20,235.5	96,204.0	24,185.0	16,526.0	101,687.0	24,132.5	12,945.5
UNC Charlotte	297,993.0	48,090.5	5,645.0	292,068.0	44,645.5	7,444.5	276,115.0	50,442.0	7,501.0
UNC Greensboro	160,505.5	32,685.5	10,085.5	154,196.5	29,999.0	9,040.5	152,073.0	28,450.5	12,740.5
Subtotal	777,898.0	154,639.5	50,838.0	750,184.5	142,666.5	50,089.5	728,449.5	145,812.5	47,314.0
Master's (Comprehensive) Universities and Colleges I									
Appalachian	179,735.5	52,795.5	29,365.5	178,329.5	51,256.5	31,360.0	183,692.5	49,888.0	28,329.5
Fayetteville	38,826.0	12,700.0	4,837.0	39,169.5	13,289.5	4,838.0	42,943.5	12,218.5	5,105.0
NC Central	63,607.5	15,142.0	14,514.5	64,044.5	11,526.0	16,025.0	61,781.5	10,530.0	9,840.5
UNC Pembroke	52,586.0	9,472.0	2,460.5	53,059.5	9,175.0	2,100.0	52,799.0	8,917.0	1,721.0
UNC Wilmington	145,812.0	33,218.0	2,874.5	140,077.5	31,964.5	4,211.5	145,554.0	28,308.5	5,499.0
Western Carolina	97,245.5	28,660.0	11,214.0	93,692.0	24,834.5	10,759.0	96,653.5	24,080.0	9,851.5
Winston-Salem	43,383.5	8,485.0	9,835.5	41,184.5	8,977.5	7,759.0	37,927.0	9,286.5	6,460.0
Subtotal	621,196.0	160,472.5	75,101.5	609,557.0	151,023.5	77,052.5	621,351.0	143,228.5	66,806.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	11,497.5	4,564.0	800.5	12,649.5	5,460.0	973.5	12,564.0	6,403.5	927.0
UNC Asheville	37,025.0	5,883.5	10,027.0	39,622.0	5,827.0	15,233.0	34,046.5	5,642.5	16,574.0
Subtotal	48,522.5	10,447.5	10,827.5	52,271.5	11,287.0	16,206.5	46,610.5	12,046.0	17,501.0
Schools of Art, Music, and Design									
UNC School of the Arts	7,187.0	13,995.0	10,846.0	7,872.5	13,007.0	10,553.0	7,646.0	12,817.0	10,446.5
Subtotal	7,187.0	13,995.0	10,846.0	7,872.5	13,007.0	10,553.0	7,646.0	12,817.0	10,446.5
Community Colleges									
Alamance	18,892.0	11,558.5	114.0	28,979.0	12,731.0	-	30,491.0	13,411.5	21.0
Asheville-Buncombe	26,860.0	23,970.0	1,147.5	26,770.5	27,889.0	1,033.0	32,427.0	26,817.5	1,854.0
Beaufort Co.	6,982.5	2,515.5	868.5	8,062.0	3,061.0	662.0	11,039.5	5,020.5	1,126.0
Bladen	7,553.5	7,262.0	131.0	6,609.5	5,287.0	98.0	7,975.5	6,335.0	250.0
Blue Ridge	13,055.0	8,096.5	2,280.5	11,377.5	6,325.5	1,020.0	12,469.5	7,048.5	3,342.5
Brunswick	18,842.0	3,640.5	741.0	18,583.5	4,264.5	1,799.0	14,620.5	5,378.0	4,002.0
Caldwell	23,182.0	10,464.0	1,033.0	21,193.0	9,418.0	1,263.5	20,268.0	7,895.0	1,585.0
Cape Fear	51,828.5	37,123.5	5,710.5	56,229.5	38,238.5	5,167.5	61,131.5	44,852.5	4,619.0
Carteret	10,569.0	6,147.0	436.5	10,023.0	5,623.0	454.0	9,849.0	6,558.5	745.5
Catawba Valley	20,759.5	14,333.0	2,295.0	20,256.5	15,205.5	2,752.0	23,586.0	16,593.0	3,386.0
Central Carolina	29,592.5	15,241.0	1,447.0	31,978.0	14,243.5	2,083.0	39,809.5	14,619.5	2,177.5
Central Piedmont	134,213.5	41,537.5	6,162.0	151,364.0	46,612.5	7,482.0	141,367.5	41,372.0	5,418.0
Cleveland	10,476.0	8,032.0	111.0	10,650.5	7,991.0	337.0	11,475.5	10,249.0	828.0
Coastal Carolina	30,724.5	17,539.5	809.0	32,076.5	16,734.5	959.5	30,633.0	21,155.5	2,994.5
Coll. of Albemarle	8,568.0	5,855.5	1,215.5	10,279.0	6,238.0	1,969.0	10,607.5	6,253.0	2,073.0
Craven	19,855.0	7,050.0	832.0	19,499.5	8,044.0	1,649.0	19,370.5	7,764.0	2,332.0
Davidson County	21,831.0	9,377.0	435.0	21,763.0	10,313.5	1,751.0	24,321.5	10,612.0	2,412.5
Durham	32,370.0	13,859.0	340.0	35,644.5	13,131.0	427.0	37,740.0	14,561.0	766.0
Edgecombe	9,050.5	7,009.0	3,428.0	12,272.0	6,282.0	1,244.5	15,445.5	7,001.0	2,144.5
Fayetteville	55,455.5	34,604.5	3,505.0	59,014.5	36,209.0	2,719.5	63,026.5	34,138.5	3,707.0
Forsyth	52,161.0	25,710.0	2,591.5	57,038.0	26,993.5	3,327.5	55,663.5	27,529.5	6,464.5
Gaston	36,534.5	11,905.5	4,478.5	33,204.0	11,121.5	2,316.0	30,458.0	12,829.5	3,614.0
Guilford	65,217.5	23,861.5	4,250.0	69,098.0	25,937.0	2,764.5	108,757.5	38,885.5	11,939.0
Halifax	5,925.0	5,376.0	1,215.5	7,476.0	5,219.0	1,216.5	9,178.0	4,259.0	1,429.0
Haywood	6,876.0	7,869.0	985.0	8,438.0	9,318.5	706.5	9,240.5	9,401.0	1,062.0
Isothermal	6,672.0	5,397.0	1,637.5	8,479.0	7,125.0	2,261.0	6,961.5	7,697.0	1,020.0
James Sprunt	6,461.5	4,732.0	1,514.0	6,328.0	3,501.5	2,441.0	6,811.5	3,381.0	2,986.0
Johnston	28,249.5	7,370.0	5,768.0	26,075.5	6,576.5	3,637.5	26,523.5	7,218.5	1,167.5
Lenoir	15,534.0	7,429.5	2,362.0	18,930.5	9,524.5	2,980.0	21,809.0	9,965.0	4,461.5
Martin	2,295.5	4,890.5	4,176.5	1,565.5	1,813.5	1,956.5	3,681.0	4,701.5	423.0
Mayland	4,917.0	1,931.0	521.0	5,625.0	2,557.0	521.0	7,180.0	2,326.5	1,090.0

Table 8. Student Clock Hours of Instruction

Institution	2016			2015			2014		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
McDowell	4,636.5	4,930.5	1,274.0	4,934.0	6,174.0	399.0	5,055.0	5,485.5	411.5
Mitchell	19,642.5	6,795.0	4,580.5	21,796.5	6,894.5	4,086.0	25,135.0	7,096.0	3,862.0
Montgomery	5,202.5	3,525.0	157.0	5,079.5	3,123.5	712.0	5,534.0	3,174.5	728.0
Nash	19,636.0	6,734.0	3,294.0	20,421.0	5,114.0	1,441.0	21,138.5	7,447.0	4,273.0
Pamlico	1,057.0	1,543.0	324.0	1,139.0	1,235.0	350.0	2,081.0	859.0	55.0
Piedmont	6,128.0	4,381.5	2,902.5	7,526.0	5,487.0	1,247.0	8,978.5	6,001.0	1,455.5
Pitt	41,828.5	21,855.0	3,266.0	47,072.0	22,901.5	2,164.5	51,918.5	21,708.5	3,134.0
Randolph	19,286.0	6,344.0	692.0	19,879.0	7,338.5	1,768.5	19,588.5	7,268.0	1,670.5
Richmond	10,911.5	8,703.5	322.0	13,175.0	8,135.5	1,218.0	14,259.5	8,552.5	1,721.0
Roanoke-Chowan	4,034.0	2,496.5	397.5	3,598.0	2,899.0	822.0	6,036.5	3,970.0	1,575.0
Robeson	13,502.5	12,097.5	-	15,339.0	13,050.0	-	15,255.5	14,030.5	684.0
Rockingham	9,925.5	4,352.5	1,203.0	9,733.0	4,678.0	694.0	14,562.5	6,764.0	1,790.0
Rowan-Cabarrus	37,991.5	8,781.5	2,342.5	31,430.5	18,134.0	4,422.0	41,585.5	18,947.5	1,583.5
Sampson	11,033.5	4,467.0	1,406.0	12,455.0	5,047.5	645.0	13,312.0	5,749.5	375.0
Sandhills	28,741.5	7,806.5	1,278.5	29,227.5	8,163.5	662.0	30,880.5	8,944.0	3,867.5
South Piedmont	12,147.0	4,999.0	1,291.0	12,721.0	6,068.5	1,379.0	13,080.5	7,547.0	2,329.0
Southeastern	6,444.0	4,049.5	2,725.5	8,006.5	4,371.0	2,042.5	8,118.5	4,152.0	1,969.5
Southwestern	10,400.5	7,411.0	1,720.0	13,916.0	7,796.5	1,822.0	14,963.0	8,203.0	1,185.0
Stanly	5,825.5	3,606.5	108.0	5,734.5	1,386.5	191.0	7,005.5	3,582.5	1,615.0
Surry	27,534.5	9,366.5	6,320.0	25,806.5	9,084.5	6,459.0	29,855.5	9,657.5	7,173.5
Tri-County	3,891.0	4,031.5	213.5	4,238.0	4,855.5	616.0	7,388.0	4,882.0	188.0
Vance-Granville	14,495.5	13,182.5	2,527.0	16,680.5	11,792.5	1,825.0	19,502.0	13,904.5	1,665.0
Wake	112,690.0	64,571.0	4,820.5	116,563.5	58,028.0	7,518.5	121,157.0	56,693.0	11,397.5
Wayne	17,766.5	13,451.5	857.5	17,132.0	14,913.0	280.0	19,440.0	13,443.5	717.0
Western Piedmont	10,988.0	7,010.5	2,300.0	11,566.0	7,164.0	2,141.0	11,730.0	8,964.5	3,367.0
Wilkes	17,448.0	6,866.0	1,044.5	19,754.0	6,525.0	2,206.0	22,760.5	8,317.0	2,432.0
Wilson	8,846.0	5,153.0	4,102.0	7,792.5	5,190.5	1,770.0	8,773.0	6,270.0	1,508.0
Subtotal	1,263,537.5	640,199.0	114,010.5	1,337,599.0	659,080.5	107,879.5	1,463,013.0	707,443.5	144,172.5
Private Institutions									
NC Private Universities									
Barton	11,727.0	5,754.5	830.0	11,355.5	2,807.5	903.0	11,008.0	3,389.5	960.0
Campbell	48,100.0	7,812.0	6,277.0	59,244.5	8,044.5	6,567.0	54,469.5	7,005.0	6,132.5
Mars Hill	15,179.5	3,669.0	1,856.5	15,851.5	4,018.0	1,720.0	15,829.0	3,790.5	1,827.0
Pfeiffer	8,762.5	2,199.5	582.0	9,648.5	2,339.0	519.0	9,969.0	2,135.5	501.0
Subtotal	83,769.0	19,435.0	9,545.5	96,100.0	17,209.0	9,709.0	91,275.5	16,320.5	9,420.5
Grand Total	3,352,318.0	1,090,854.5	301,504.0	3,405,546.0	1,091,716.0	302,245.0	3,519,295.5	1,138,094.0	326,539.5

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 into a single factor 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). 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 formula:

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

is used. 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 because of 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:

$$\text{Classroom Space Factor} = \frac{22}{17.0 \times .590} = 2.19$$

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 the defining of 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				
	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012
Public Institutions															
Research Universities I															
NC State	0.88	0.87	0.86	0.84	0.82	3.71	3.61	3.62	3.80	3.97	1.46	1.44	1.43	1.42	1.41
UNC-Chapel Hill	0.95	0.94	0.93	0.96	0.98	4.81	4.30	4.02	4.32	3.24	1.21	1.20	1.19	1.19	1.18
Subtotal	0.91	0.90	0.90	0.90	0.90	3.95	3.77	3.72	3.92	3.76	1.35	1.33	1.32	1.31	1.30
Doctoral Universities I and II															
East Carolina	0.78	0.86	0.91	0.92	0.90	3.20	3.72	3.60	3.53	3.86	1.23	1.36	1.38	1.36	1.37
NC A&T	1.42	1.42	1.35	1.41	1.45	3.52	3.46	3.49	3.54	3.62	1.84	1.83	1.76	1.82	1.85
UNC Charlotte	0.81	0.80	0.82	0.82	0.84	3.20	2.83	3.09	3.73	3.60	1.14	1.07	1.17	1.26	1.26
UNC Greensboro	0.93	0.95	0.94	0.99	0.90	3.75	4.08	3.66	3.82	2.82	1.41	1.46	1.37	1.42	1.21
Subtotal	0.90	0.93	0.95	0.97	0.95	3.37	3.47	3.42	3.65	3.49	1.31	1.33	1.36	1.40	1.36
Master's (Comprehensive) Universities and Colleges I															
Appalachian	0.94	0.94	0.88	0.90	0.89	2.39	2.45	2.34	2.41	2.44	1.27	1.28	1.20	1.21	1.22
Fayetteville	1.36	1.34	1.23	1.18	1.06	4.11	4.05	4.41	4.06	3.28	2.04	2.03	1.93	1.82	1.54
NC Central	1.88	1.84	1.84	1.69	1.65	3.93	5.04	5.17	4.53	3.66	2.27	2.33	2.33	2.13	2.01
UNC Pembroke	1.61	1.59	1.59	1.58	1.55	3.02	3.12	3.21	3.39	3.45	1.83	1.81	1.83	1.83	1.81
UNC Wilmington	1.44	1.09	1.08	1.12	1.16	2.77	2.88	2.98	3.64	2.90	1.69	1.42	1.39	1.46	1.45
Western Carolina	0.98	1.02	1.02	1.02	1.11	3.20	3.67	3.72	3.84	3.98	1.48	1.57	1.56	1.57	1.66
Winston-Salem	1.51	1.59	1.73	1.76	1.37	5.15	4.87	4.71	5.64	4.72	2.10	2.18	2.31	2.51	1.98
Subtotal	1.28	1.21	1.18	1.18	1.17	3.08	3.27	3.29	3.48	3.19	1.65	1.62	1.58	1.60	1.55
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	5.96	5.41	5.09	3.71	2.64	12.10	10.12	9.22	6.26	5.90	7.70	6.83	6.49	4.61	3.58
UNC Asheville	1.33	1.23	1.27	1.24	1.39	4.10	4.06	4.19	4.92	4.45	1.71	1.59	1.68	1.87	2.02
Subtotal	2.42	2.24	2.30	2.06	1.88	7.60	6.99	6.87	5.68	5.19	3.34	3.08	3.24	2.93	2.68
Schools of Art, Music, and Design															
UNC School of the Arts	4.11	3.54	4.05	3.92	3.92	5.79	6.23	6.21	6.71	7.16	5.22	5.22	5.41	5.62	5.77
Subtotal	4.11	3.54	4.05	3.92	3.92	5.79	6.23	6.21	6.71	7.16	5.22	5.22	5.41	5.62	5.77
Community Colleges															
Alamance	3.75	2.45	2.34	2.05	1.87	5.13	4.66	4.42	4.31	4.64	4.28	3.12	2.97	2.69	2.57
Asheville-Buncombe	4.22	3.47	2.86	2.11	2.22	6.96	5.06	5.26	4.41	4.31	5.52	4.28	3.95	3.09	3.17
Beaufort Co.	6.69	6.00	4.24	3.03	3.56	19.35	16.15	10.17	9.66	7.26	10.04	8.79	6.09	4.67	4.82
Bladen	2.95	3.37	2.83	2.80	3.12	4.27	5.87	4.84	6.34	4.97	3.60	4.48	3.72	3.90	3.90
Blue Ridge	5.02	5.38	4.92	4.03	3.80	11.13	13.24	11.93	13.00	11.36	7.36	8.19	7.45	6.71	6.17
Brunswick	3.38	3.26	3.32	2.74	3.02	5.29	4.52	4.20	4.13	4.68	3.69	3.50	3.56	3.07	3.42
Caldwell	3.98	4.39	4.49	3.00	2.42	8.16	9.06	9.37	7.05	5.50	5.28	5.83	5.86	4.04	3.23
Cape Fear	2.30	2.04	1.86	1.79	1.52	4.00	3.87	3.10	3.23	2.88	3.01	2.78	2.38	2.40	2.06
Carteret	3.98	4.14	4.27	3.93	3.53	8.61	9.28	7.95	8.30	6.49	5.68	5.99	5.74	5.55	4.73
Catawba Valley	3.60	3.68	2.99	2.84	2.25	6.66	6.28	5.50	5.17	4.68	4.85	4.80	4.02	3.86	3.25
Central Carolina	4.02	3.61	3.04	3.61	3.35	6.43	6.69	6.88	6.92	6.18	4.84	4.56	4.07	4.64	4.23
Central Piedmont	2.86	2.36	2.51	2.11	2.14	6.30	5.51	5.98	6.67	7.55	3.67	3.10	3.29	2.96	3.04
Cleveland	4.32	4.68	4.15	3.36	3.08	7.07	6.94	5.79	4.60	4.24	5.51	5.65	4.92	3.95	3.63
Coastal Carolina	2.45	2.29	2.23	1.78	1.49	3.34	3.50	2.77	3.23	3.50	2.77	2.70	2.45	2.34	2.17
Coll. of Albemarle	6.80	5.74	5.48	5.26	3.73	12.51	11.87	11.70	11.91	7.98	9.11	8.05	7.79	7.81	5.27
Craven	2.59	2.64	2.61	2.04	2.05	8.33	7.30	7.56	7.29	6.99	4.09	4.00	4.03	3.37	3.30
Davidson County	3.31	3.12	2.72	2.35	2.31	6.69	6.09	5.82	5.92	4.69	4.33	4.08	3.66	3.32	3.06
Durham	2.64	2.28	2.33	2.53	1.81	6.08	6.50	5.69	7.02	5.61	3.67	3.42	3.27	3.66	2.68
Edgecombe	4.25	2.84	2.26	2.44	1.70	8.33	6.49	5.83	3.99	3.20	6.03	4.08	3.37	3.09	2.29
Fayetteville	3.17	2.68	2.49	2.09	2.39	5.23	4.92	4.89	4.27	4.53	3.96	3.53	3.34	2.82	3.13
Forsyth	2.84	2.59	2.60	2.22	1.87	7.55	7.08	5.50	5.03	5.00	4.39	4.03	3.56	3.11	2.91
Gaston	2.96	3.17	3.41	2.68	2.58	6.94	7.21	6.37	5.54	4.83	3.94	4.18	4.29	3.48	3.24
Guilford	3.16	3.01	1.89	1.59	1.55	8.03	7.40	4.92	5.33	6.08	4.46	4.21	2.68	2.41	2.42
Halifax	6.42	5.09	4.02	3.40	3.23	6.62	6.82	8.61	7.46	4.92	6.51	5.80	5.48	4.66	3.90
Haywood	4.43	3.83	3.50	3.58	3.17	9.33	7.54	7.48	7.42	6.25	7.04	5.78	5.50	5.62	4.96
Isothermal	7.23	5.55	6.89	5.16	3.82	9.03	6.84	6.65	5.38	4.44	8.04	6.14	6.76	5.27	4.12
James Sprunt	4.79	4.69	4.02	3.04	2.62	5.49	5.93	5.80	5.40	4.42	5.09	5.13	4.61	3.73	3.15
Johnston	3.05	3.16	3.10	2.47	2.18	7.99	9.50	8.51	6.83	6.84	4.07	4.43	4.26	3.46	3.13
Lenoir	4.63	3.80	3.29	3.24	3.13	10.02	7.82	7.06	7.09	6.87	6.38	5.15	4.47	4.44	4.15
Martin	9.65	14.15	6.22	4.53	3.45	6.55	17.66	6.81	5.39	6.07	7.54	16.03	6.55	4.99	4.64
Mayland	6.44	5.63	4.23	3.66	3.12	13.99	10.56	9.15	7.34	7.98	8.57	7.17	5.43	4.59	4.14

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012
McDowell	6.43	5.67	5.53	3.87	2.80	10.42	8.63	9.71	4.87	4.48	8.48	7.31	7.71	4.38	3.56
Mitchell	3.25	2.94	2.76	2.52	2.20	6.19	6.37	6.34	5.65	4.52	4.00	3.76	3.55	3.22	2.75
Montgomery	3.76	3.72	3.44	3.59	3.41	5.27	5.02	5.56	5.00	4.58	4.37	4.21	4.21	4.15	3.87
Nash	3.48	3.44	2.48	2.37	2.17	6.53	8.51	4.96	4.52	5.61	4.26	4.46	3.12	3.01	2.98
Pamlico	9.57	8.88	6.65	6.47	5.89	8.57	10.71	12.30	10.87	10.81	8.97	9.83	8.31	7.84	7.34
Piedmont	5.89	4.79	4.02	4.16	3.82	6.84	5.46	4.99	4.43	3.70	6.29	5.08	4.41	4.28	3.77
Pitt	1.88	1.68	1.52	1.33	1.28	5.43	5.04	5.27	4.71	4.38	3.10	2.78	2.63	2.28	2.17
Randolph	3.37	3.20	3.25	3.06	2.48	11.92	10.76	10.87	10.03	9.37	5.49	5.24	5.31	4.91	4.25
Richmond	3.32	2.90	2.51	2.00	1.95	4.55	4.65	4.76	4.10	4.67	3.87	3.57	3.35	2.68	2.80
Roanoke-Chowan	4.40	4.33	2.58	2.68	1.96	9.65	7.48	5.79	5.76	4.79	6.41	5.74	3.85	3.83	2.93
Robeson	2.42	2.21	2.21	1.76	1.75	4.64	4.31	3.75	3.21	3.33	3.47	3.18	2.95	2.41	2.41
Rockingham	3.13	2.82	2.35	2.18	1.94	13.76	14.10	8.59	8.64	7.30	6.37	6.48	4.33	3.99	3.57
Rowan-Cabarrus	2.93	2.94	1.87	1.69	1.81	7.02	5.05	4.47	4.70	4.33	3.70	3.72	2.68	2.52	2.58
Sampson	2.85	2.52	2.36	2.30	2.16	7.74	6.85	6.01	4.98	4.95	4.26	3.77	3.46	3.20	3.07
Sandhills	3.43	3.34	3.01	2.51	2.14	7.64	6.97	6.03	6.77	5.80	4.33	4.13	3.69	3.32	2.85
South Piedmont	3.91	3.66	3.30	3.03	2.91	7.43	6.28	5.05	4.62	5.07	4.94	4.50	3.94	3.63	3.72
Southeastern	7.01	5.85	5.77	5.23	3.84	8.18	7.49	7.89	7.50	7.13	7.46	6.43	6.49	5.98	4.84
Southwestern	3.90	2.91	2.67	3.09	2.43	6.04	5.81	5.42	5.09	4.90	4.79	3.95	3.64	3.84	3.13
Stanly	6.50	6.56	5.14	2.52	2.30	7.44	25.68	8.44	7.22	5.45	6.86	10.28	6.26	3.80	3.22
Surry	3.43	3.37	2.76	2.56	2.49	7.28	7.51	6.89	6.16	5.92	4.41	4.45	3.77	3.48	3.31
Tri-County	9.54	8.03	4.61	4.02	4.87	7.28	6.41	6.37	4.44	6.83	8.39	7.16	5.31	4.24	5.75
Vance-Granville	3.18	2.79	2.45	2.22	2.19	5.30	5.63	4.76	4.51	3.92	4.19	3.96	3.41	3.13	2.86
Wake	2.13	1.94	1.63	1.58	1.70	3.62	3.54	3.33	3.56	3.10	2.67	2.47	2.17	2.17	2.19
Wayne	2.08	2.23	1.98	1.91	1.93	5.05	4.53	4.93	3.62	3.36	3.36	3.30	3.18	2.72	2.57
Western Piedmont	5.35	5.18	5.09	3.62	2.82	6.55	6.41	5.94	5.59	5.45	5.82	5.65	5.46	4.39	3.69
Wilkes	4.10	3.84	2.64	2.28	2.30	9.83	10.12	8.66	5.96	6.73	5.72	5.40	4.25	3.32	3.45
Wilson	4.72	5.33	4.75	3.53	3.40	6.27	6.35	5.25	5.18	5.57	5.29	5.73	4.96	4.12	4.17
Subtotal	3.30	3.01	2.68	2.35	2.21	6.44	6.16	5.57	5.27	4.97	4.35	4.05	3.62	3.26	3.06
Private Institutions															
NC Private Universities															
Barton	2.38	2.46	2.54	2.39	2.40	2.98	6.10	5.05	4.72	4.88	2.58	3.18	3.13	2.94	2.97
Campbell	2.25	1.69	1.81	1.95	1.68	5.83	4.63	5.32	5.32	4.20	2.75	2.04	2.21	2.36	1.98
Mars Hill	3.69	2.62	2.63	2.45	2.42	8.12	7.14	7.57	8.92	8.90	4.55	3.54	3.58	3.49	3.54
Pfeiffer	3.83	3.48	3.36	3.29	3.28	8.46	7.95	8.71	8.85	8.23	4.76	4.35	4.31	4.24	4.17
Subtotal	2.69	2.11	2.21	2.25	2.08	5.72	5.91	6.23	6.38	5.84	3.26	2.69	2.82	2.88	2.65
Grand Total	1.95	1.85	1.76	1.66	1.59	5.29	5.20	4.87	4.79	4.53	2.77	2.67	2.52	2.40	2.30

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	31.2	29.1	27.4	64.6	63.6	62.7	0.95	0.91	0.88
Doctoral Universities I and II	32.5	28.5	23.1	72.3	65.0	54.2	1.42	0.90	0.78
Master's (Comprehensive) Universities I	30.3	25.0	16.5	67.6	62.4	51.4	1.88	1.28	0.94
Baccalaureate (Liberal Arts) Universities	27.4	16.5	8.6	57.5	51.4	38.3	5.96	2.42	1.33
Schools of Art, Music, and Design*	10.8	10.8	10.8	53.2	53.2	53.2	4.11	4.11	4.11
Community Colleges	24.4	13.3	6.9	69.2	53.8	30.9	9.65	3.30	1.88
Private Institutions									
NC Private Universities	17.3	14.0	11.1	57.0	49.2	40.9	3.83	2.69	2.25
Grand Total									
State Range	32.5	17.0	6.9	72.3	59.0	30.9	9.65	1.95	0.78
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Public Institutions									
Research Universities I	13.6	12.5	9.9	71.6	65.4	49.6	4.81	3.95	3.71
Doctoral Universities I and II	20.5	16.4	14.6	70.6	61.2	52.7	3.75	3.37	3.20
Master's (Comprehensive) Universities I	21.8	16.1	9.2	83.9	71.9	58.7	5.15	3.08	2.39
Baccalaureate (Liberal Arts) Universities	12.6	6.9	4.6	60.0	51.3	43.2	12.10	7.60	4.10
Schools of Art, Music, and Design*	12.7	12.7	12.7	48.1	48.1	48.1	5.79	5.79	5.79
Community Colleges	20.5	12.5	6.1	73.0	56.1	21.6	19.35	6.44	3.34
Private Institutions									
NC Private Universities	13.6	10.4	6.3	73.7	55.5	46.2	8.46	5.72	2.98
Grand Total									
State Range	21.8	13.1	4.6	83.9	59.3	21.6	19.35	5.29	2.39
Typical Standard	-	20.0	-	-	75.0	-	-	7.20	-

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. They are therefore 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 2012-2016, lists only fall on-campus (inventoried space) credit enrollments. Noncredit enrollments are not included. Instruction which took place in facilities not on a community college's facilities inventory was not considered in determining the FTE enrollments listed. For 2016, 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 which 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 public institutions experienced a headcount enrollment increase of 3.3 percent in 2016. Enrollments for men increased by 2.1 percent and women increased by 4.3 percent. North Carolina's 2016 part-time enrollment increased by 3.7 percent while the state's full-time enrollment increased by 3.2 percent.

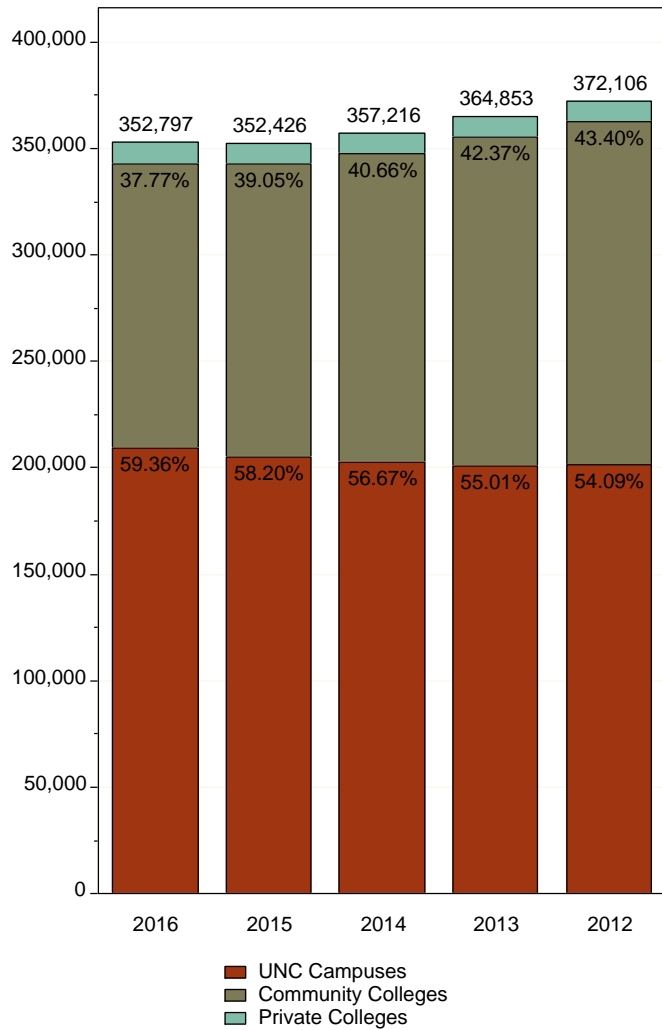
Due to a shift in data collection methods beginning in 2016, the information above was not available for private institutions at the time this Study was published.

* 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

	2016	2015	2014	2013	2012
Public Institutions					
Research Universities I	57,752	57,171	57,332	57,274	57,698
Doctoral Universities I and II	80,655	78,384	76,055	74,284	74,351
Master's (Comprehensive) Universities and Colleges I	65,162	63,515	62,846	62,516	62,237
Baccalaureate (Liberal Arts) Universities and Colleges I and II	4,809	5,091	5,263	5,743	6,099
Schools of Art, Music, and Design	1,026	960	954	902	870
Community Colleges	133,266	137,606	145,260	154,584	161,490
Private Institutions					
NC Private Universities	10,127	9,699	9,506	9,550	9,361
	352,797	352,426	357,216	364,853	372,106

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



**UNC Institutions Only
By Level**

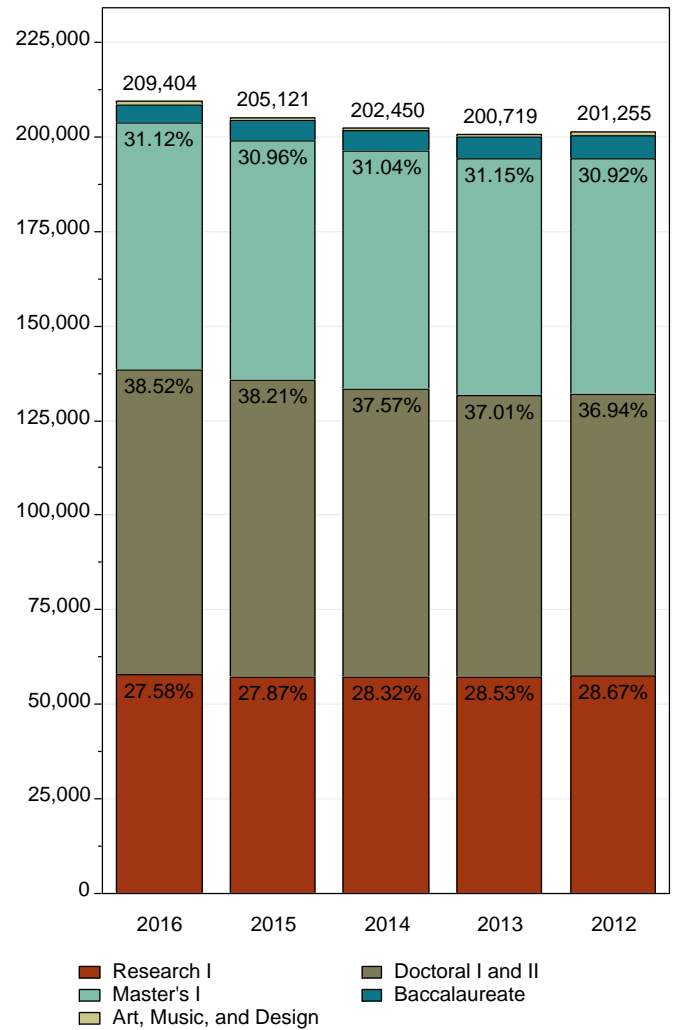


Table 12. FTE Enrollments by Institution

Institution	2016 On-Campus	2015 Total Public Institutions	2015 On-Campus	2014 On-Campus	2013 On-Campus	2012 On-Campus
Research Universities I						
NC State	29,838	-	29,897	29,984	29,928	30,295
NC State Veterinary Med	393	-	396	376	357	334
UNC-Chapel Hill	22,971	-	22,273	22,263	22,266	22,312
UNC-Chapel Hill Hlth Aff.	4,550	-	4,605	4,709	4,723	4,757
Subtotal	57,752	-	57,171	57,332	57,274	57,698
Doctoral Universities I and II						
East Carolina	23,364	-	22,737	22,235	21,840	21,830
East Carolina Hlth Aff.	2,674	-	2,561	2,484	2,430	2,368
NC A&T	10,457	-	10,148	10,052	9,844	9,859
UNC Charlotte	26,275	-	25,573	24,716	23,975	23,540
UNC Greensboro	17,885	-	17,365	16,568	16,195	16,754
Subtotal	80,655	-	78,384	76,055	74,284	74,351
Master's (Comprehensive) Universities and Colleges I						
Appalachian	17,571	-	17,269	17,310	17,097	16,815
Fayetteville	5,431	-	5,298	5,133	5,319	5,227
NC Central	7,492	-	7,403	7,087	7,477	7,869
UNC Pembroke	5,584	-	5,711	5,525	5,443	5,522
UNC Wilmington	14,463	-	13,780	13,613	13,106	12,871
Western Carolina	9,815	-	9,315	9,324	9,038	8,635
Winston-Salem	4,806	-	4,739	4,854	5,036	5,298
Subtotal	65,162	-	63,515	62,846	62,516	62,237
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	1,292	-	1,506	1,767	2,301	2,720
UNC Asheville	3,517	-	3,585	3,496	3,442	3,379
Subtotal	4,809	-	5,091	5,263	5,743	6,099
Schools of Art, Music, and Design						
UNC School of the Arts	1,026	(263)	960	954	902	870
Subtotal	1,026	(263)	960	954	902	870
Community Colleges						
Alamance	3,016	(3,256)	3,232	3,180	3,216	3,430
Asheville-Buncombe	4,938	(5,354)	4,942	5,138	5,798	6,148
Beaufort Co.	676	(1,102)	796	1,098	1,222	1,312
Bladen	1,032	(1,082)	1,028	1,138	1,116	1,232
Blue Ridge	1,144	(1,666)	1,110	1,232	1,430	1,422
Brunswick	832	(1,182)	936	1,048	1,050	980
Caldwell	2,132	(2,758)	2,256	2,330	2,404	2,952
Cape Fear	5,746	(7,108)	5,928	6,310	6,468	6,710
Carteret	888	(1,286)	860	904	938	1,066
Catawba Valley	3,238	(3,534)	3,366	2,672	2,730	2,974
Central Carolina	3,706	(4,010)	3,498	3,768	3,726	3,816
Central Piedmont	9,780	(14,088)	10,046	9,982	10,490	10,386
Cleveland	1,254	(2,314)	1,256	1,450	1,800	1,882
Coastal Carolina	2,552	(3,304)	2,698	2,830	2,808	2,902
Coll. of Albemarle	846	(1,768)	918	1,078	1,220	1,144
Craven	1,492	(2,188)	1,566	1,610	1,820	1,758
Davidson County	2,922	(2,954)	2,972	3,184	3,220	3,318
Durham	2,804	(3,468)	2,774	2,974	3,064	3,218
Edgecombe	944	(1,746)	1,038	1,324	1,556	1,698
Fayetteville	8,316	(8,534)	8,232	8,578	9,000	9,028
Forsyth	5,612	(5,932)	5,872	6,278	6,628	6,974
Gaston	4,048	(4,152)	4,108	4,376	4,624	4,850
Guilford	6,068	(8,422)	6,446	7,176	8,404	9,744
Halifax	622	(984)	680	758	810	986
Haywood	826	(1,396)	866	960	1,106	1,158
Isothermal	878	(1,554)	978	1,122	1,338	1,566

Table 12. FTE Enrollments by Institution

Institution	2016		2015	2014	2013	2012
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
James Sprunt	888	(912)	940	972	1,124	1,322
Johnston	2,090	(3,144)	2,212	2,382	2,578	2,686
Lenoir	2,000	(2,156)	2,036	2,300	2,288	2,266
Martin	592	(622)	502	516	632	650
Mayland	674	(816)	560	730	776	824
McDowell	880	(880)	902	878	964	1,094
Mitchell	1,552	(2,188)	1,534	1,662	1,854	2,006
Montgomery	674	(730)	640	708	658	680
Nash	1,518	(2,350)	1,850	2,236	2,100	2,050
Pamlico	112	(408)	124	80	78	84
Piedmont	972	(1,036)	1,040	1,186	1,230	1,402
Pitt	6,196	(6,690)	6,296	6,782	6,892	6,876
Randolph	1,292	(2,048)	1,412	1,540	1,746	1,686
Richmond	1,856	(2,004)	1,832	1,836	1,846	1,950
Roanoke-Chowan	364	(626)	396	478	568	576
Robeson	1,584	(1,652)	1,716	1,714	1,914	2,462
Rockingham	1,284	(1,288)	1,380	1,466	1,618	1,620
Rowan-Cabarrus	2,688	(4,430)	2,614	3,394	3,714	3,850
Sampson	870	(1,146)	902	1,000	1,092	1,078
Sandhills	2,084	(2,892)	2,218	2,306	2,486	2,588
South Piedmont	1,560	(1,708)	1,560	1,014	1,058	960
Southeastern	706	(1,054)	862	854	928	1,064
Southwestern	1,194	(1,922)	1,282	1,352	1,298	1,394
Stanly	1,800	(2,004)	1,902	1,998	1,986	2,118
Surry	2,490	(2,546)	2,478	2,560	2,750	2,750
Tri-County	418	(874)	420	514	588	674
Vance-Granville	2,174	(2,266)	2,332	2,530	2,802	2,896
Wake	11,342	(16,120)	11,024	11,088	11,074	11,248
Wayne	1,698	(2,628)	2,602	2,698	3,020	2,964
Western Piedmont	1,140	(1,586)	1,288	898	1,678	1,778
Wilkes	1,558	(2,246)	1,622	2,262	2,326	2,282
Wilson	704	(1,254)	726	828	932	958
Subtotal	133,266	(169,368)	137,606	145,260	154,584	161,490
Private Institutions						
NC Private Universities						
Barton	1,051	-	1,000	978	977	979
Campbell	6,283	-	5,972	5,601	5,617	5,433
Mars Hill	1,379	-	1,349	1,395	1,388	1,328
Pfeiffer	1,414	-	1,378	1,532	1,568	1,621
Subtotal	10,127	-	9,699	9,506	9,550	9,361
Grand Total	352,797	(169,631)	352,426	357,216	364,853	372,106



**Ferguson Center for Allied Health & Workforce Development,
Asheville-Buncombe Technical Community College**

The 169,000 square-foot, \$37.9 million Ferguson Center for Allied Health & Workforce Development will serve 18 Allied Health programs, healthcare workforce programs, and continuing education classes at AB Tech. This new facility will allow for a dramatic increase in enrollment within the Allied Health programs which is a top priority for the campus. The new building includes a simulation lab, a dental clinic, and a surgical training facility. Work stations and public interaction spaces were strategically integrated into the building’s layout to encourage and foster collaboration between the different departments within the Allied Health programs. The building was designed by Padgett & Freeman Architects, PA, and built by American South General Contractors and H&M Constructors.

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 which 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 at Wilmington (308,801), N. C. State University (2,304,930 sq. ft.), N.C. State Veterinary Medicine, (186,098 sq. ft), UNC at Chapel Hill-Health Affairs (1,707,986 sq. ft.), UNC at Chapel Hill-Academic Affairs (1,245,597 sq. ft.), UNC at Charlotte (2,704,732), UNC at Greensboro (875,642), UNC at 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 (56%), Central Piedmont CC (62.3%), Wake Technical CC (61.6%), Guilford TCC (67.3%), N.C. State University (64.6%), N.C. State Veterinary Medicine (63.4%), UNC at Chapel Hill-Health Affairs (53.7%), UNC at Chapel Hill Academic Affairs (60.6%), UNC at Charlotte (56.8%), UNC at Greensboro (57.2%), Appalachian State University (61.6%), UNC at Wilmington (63.5%), UNC at Asheville (63.3%).

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 \$255 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .569. This means that new construction costs are approximately \$448 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$255}{.569} = \$448$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$448 in new construction costs.

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2016	2015	2014	2013	2012
Public Institutions							
Research Universities I							
NC State	16,367,260	9,087,401	55.5	55.6	54.8	53.9	53.3
NC State Veterinary Med	862,068	428,789	49.7	49.6	50.2	50.0	50.2
UNC-Chapel Hill	13,359,226	7,340,893	54.9	55.0	55.0	54.8	54.8
UNC-Chapel Hill Hlth Aff.	6,720,373	2,692,159	40.1	40.3	40.3	39.8	39.8
Subtotal	37,308,927	19,549,242	52.4	52.5	52.1	51.7	51.4
Doctoral Universities I and II							
East Carolina	5,144,652	3,413,324	66.3	65.5	65.8	66.7	68.6
East Carolina Hlth Aff.	1,921,877	1,115,812	58.1	52.8	51.9	53.1	56.3
NC A&T	3,254,024	2,268,545	69.7	69.3	69.2	70.1	70.1
UNC Charlotte	9,423,213	3,817,707	40.5	41.8	41.5	40.3	40.1
UNC Greensboro	6,429,927	3,177,853	49.4	49.1	49.1	49.5	47.8
Subtotal	26,173,693	13,793,241	52.7	52.5	52.4	52.6	53.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	4,762,469	2,696,580	56.6	57.3	57.6	57.6	59.1
Fayetteville	1,476,710	902,292	61.1	61.2	61.2	61.6	61.9
NC Central	2,281,498	1,477,732	64.8	64.8	64.4	64.4	64.4
UNC Pembroke	1,574,514	1,039,000	66.0	65.9	65.9	66.0	66.0
UNC Wilmington	3,917,040	2,291,281	58.5	59.5	59.6	57.1	59.7
Western Carolina	3,292,576	2,110,552	64.1	63.9	63.9	63.9	63.8
Winston-Salem	1,943,632	1,257,415	64.7	64.7	63.8	64.3	64.2
Subtotal	19,248,439	11,774,852	61.2	61.5	61.4	61.0	61.9
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	1,364,337	916,999	67.2	67.2	63.1	66.4	66.4
UNC Asheville	1,546,151	891,858	57.7	57.7	58.4	58.2	58.7
Subtotal	2,910,488	1,808,857	62.1	62.1	60.6	62.0	62.2
Schools of Art, Music, and Design							
UNC School of the Arts	1,189,017	817,005	68.7	68.9	70.7	70.2	70.0
Subtotal	1,189,017	817,005	68.7	68.9	70.7	70.2	70.0
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	393,312	238,016	60.5	60.5	60.5	60.5	60.9
Asheville-Buncombe	1,097,108	634,561	57.8	57.5	57.5	57.1	57.4
Beaufort Co.	272,813	191,951	70.4	70.0	70.0	70.0	70.0
Bladen	151,112	110,661	73.2	73.2	73.4	73.5	74.6
Blue Ridge	434,415	310,320	71.4	72.6	72.4	72.3	72.3
Brunswick	389,136	251,729	64.7	63.8	65.3	65.3	65.4
Caldwell	526,311	365,502	69.4	69.5	68.7	69.5	69.5
Cape Fear	1,741,413	649,235	37.3	36.4	38.0	38.0	53.3
Carteret	239,628	169,679	70.8	70.9	70.8	70.6	70.6
Catawba Valley	578,873	379,066	65.5	65.5	65.2	64.5	64.5
Central Carolina	579,178	400,746	69.2	69.1	69.1	69.1	69.7
Central Piedmont	3,375,131	1,408,166	41.7	41.0	41.3	40.8	40.6
Cleveland	305,295	202,857	66.4	68.1	68.2	68.8	68.8
Coastal Carolina	360,644	238,270	66.1	66.9	66.7	65.9	67.9
Coll. of Albemarle	399,648	272,127	68.1	67.1	67.1	67.4	63.4
Craven	316,445	212,167	67.0	67.0	66.8	66.8	66.1
Davidson County	466,105	318,324	68.3	68.3	68.2	68.2	68.2
Durham	510,737	344,834	67.5	67.5	67.2	67.2	67.1
Edgecombe	299,993	202,273	67.4	68.9	68.9	68.8	69.0
Fayetteville	1,036,426	678,164	65.4	67.6	67.4	67.4	67.4
Forsyth	1,096,902	752,988	68.6	69.1	69.3	69.3	69.6
Gaston	714,567	464,070	64.9	66.3	66.7	66.5	65.9
Guilford	1,898,276	1,183,172	62.3	62.4	62.8	59.3	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 %				
			2016	2015	2014	2013	2012
Haywood	373,685	253,485	67.8	71.1	71.1	71.1	73.7
Isothermal	356,527	242,274	68.0	68.0	68.0	67.8	67.7
James Sprunt	176,606	127,239	72.0	71.1	70.4	70.6	70.9
Johnston	461,518	330,054	71.5	71.2	71.0	72.0	72.1
Lenoir	436,600	325,675	74.6	74.6	74.5	75.1	75.3
Martin	228,135	169,822	74.4	74.4	74.4	74.4	74.4
Mayland	250,092	183,046	73.2	70.2	71.2	70.7	71.9
McDowell	205,440	152,705	74.3	74.5	74.5	73.5	73.5
Mitchell	370,582	250,728	67.7	67.7	67.1	67.0	67.0
Montgomery	130,410	93,089	71.4	71.2	71.3	71.3	71.3
Nash	342,890	226,519	66.1	66.0	66.7	66.8	66.8
Pamlico	86,035	54,788	63.7	63.7	64.2	64.2	64.2
Piedmont	184,463	145,573	78.9	78.9	78.9	78.3	77.6
Pitt	601,060	390,417	65.0	64.6	64.6	64.7	64.7
Randolph	401,674	299,370	74.5	74.7	74.7	74.9	75.7
Richmond	244,209	173,829	71.2	70.9	70.2	70.2	70.1
Roanoke-Chowan	167,421	118,458	70.8	69.3	70.2	70.0	70.0
Robeson	279,660	201,508	72.1	72.0	72.0	72.0	72.0
Rockingham	332,733	229,511	69.0	69.0	70.4	70.5	70.8
Rowan-Cabarrus	591,763	376,246	63.6	73.1	73.0	72.9	73.3
Sampson	199,414	139,057	69.7	69.7	69.7	69.7	69.7
Sandhills	515,859	339,999	65.9	65.6	65.0	64.9	65.5
South Piedmont	404,558	327,972	81.1	81.1	81.1	79.6	76.2
Southeastern	247,000	183,452	74.3	74.3	74.3	74.3	72.3
Southwestern	290,588	200,425	69.0	69.0	69.0	69.1	69.1
Stanly	231,686	150,418	64.9	66.8	66.8	70.5	70.5
Surry	470,655	321,258	68.3	70.4	70.0	70.4	70.7
Tri-County	164,389	124,059	75.5	76.3	76.3	76.4	76.4
Vance-Granville	406,209	256,952	63.3	64.7	65.0	65.2	63.2
Wake	2,220,192	992,495	44.7	45.4	50.3	49.8	55.0
Wayne	481,677	323,951	67.3	67.6	65.1	63.4	63.5
Western Piedmont	398,774	288,213	72.3	72.3	72.3	72.0	72.1
Wilkes	488,183	339,384	69.5	70.0	73.2	72.6	72.6
Wilson	209,319	143,401	68.5	68.6	68.6	68.5	69.3
Subtotal	30,408,795	18,641,612	61.3	61.6	62.3	62.1	63.5
Private Institutions							
NC Private Universities							
Barton	495,166	350,454	70.8	70.8	70.8	70.8	70.8
Campbell	1,731,082	1,173,937	67.8	68.1	68.1	68.0	68.8
Mars Hill	876,442	583,761	66.6	67.5	67.5	67.5	68.0
Pfeiffer	549,816	367,759	66.9	66.9	67.0	67.0	67.0
Subtotal	3,652,506	2,475,911	67.8	68.2	68.2	68.1	68.6
Grand Total	123,391,114	70,219,022	56.9	57.0	57.0	56.8	57.3

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 because of 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

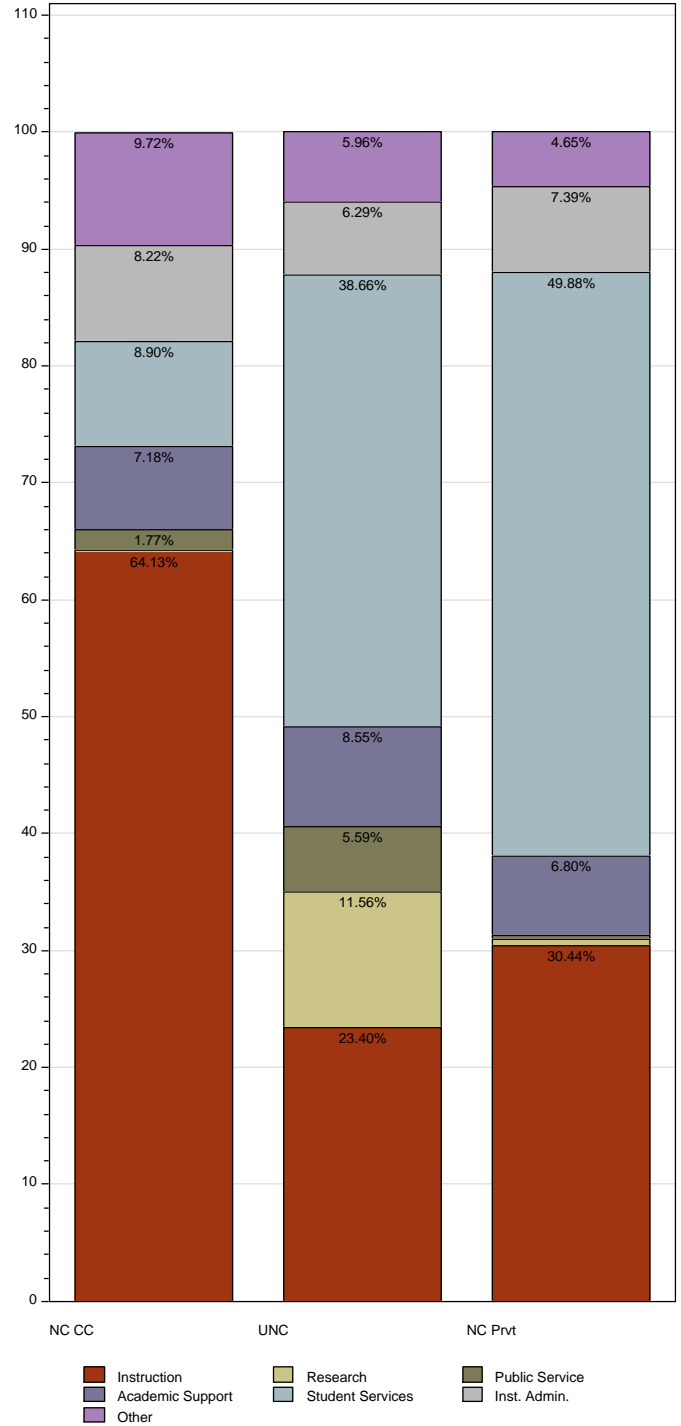
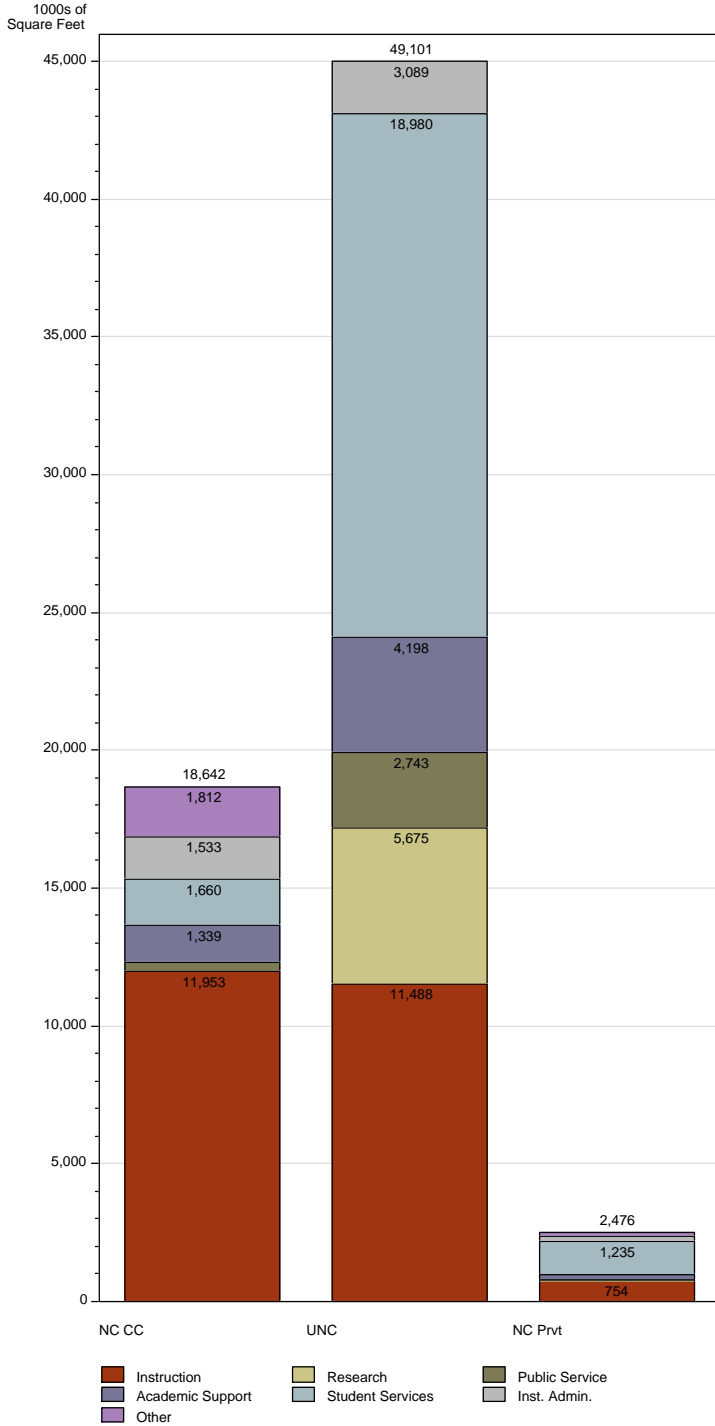


Table 14. Percentage Distribution of Assignable Area by Summary Programs

	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	9,087,401	18.6	27.6	4.6	6.9	32.2	5.7	1.4	1.2	1.7
NC State Veterinary Med	428,789	23.5	32.3	28.9	6.9	1.5	1.3	4.9	0.7	0.0
UNC-Chapel Hill	7,340,893	21.3	7.4	0.6	11.1	46.0	6.0	3.3	0.8	3.5
UNC-Chapel Hill Hlth Aff.	2,692,159	22.8	46.4	10.2	8.1	0.3	2.5	0.3	1.9	7.4
Subtotal	19,549,242	20.3	22.7	4.4	8.6	32.3	5.3	2.0	1.2	3.1
Doctoral Universities I and II										
East Carolina	3,413,324	28.9	3.3	0.6	6.6	44.5	7.2	2.5	1.3	5.2
East Carolina Hlth Aff.	1,115,812	25.1	17.0	43.0	9.3	0.1	2.8	2.1	-	0.7
NC A&T	2,268,545	32.6	7.9	1.1	13.2	30.9	11.6	1.4	0.5	0.8
UNC Charlotte	3,817,707	21.3	8.1	1.6	11.1	48.1	4.2	1.5	-	4.1
UNC Greensboro	3,177,853	21.4	5.3	0.3	9.9	52.4	7.6	2.3	0.4	0.3
Subtotal	13,793,241	25.4	7.0	4.3	9.9	41.5	6.8	2.0	0.5	2.7
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,696,580	29.7	0.6	2.8	5.7	51.0	5.1	1.7	2.4	0.9
Fayetteville	902,292	33.9	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	1,039,000	27.3	0.2	0.2	9.2	48.0	9.0	1.9	-	4.1
UNC Wilmington	2,291,281	23.3	5.1	0.9	7.7	53.8	7.1	1.0	-	1.0
Western Carolina	2,110,552	23.0	1.4	0.2	9.8	52.3	6.8	2.8	1.5	2.1
Winston-Salem	1,257,415	20.8	2.8	0.3	7.8	53.6	9.3	1.8	0.7	3.0
Subtotal	11,774,852	27.2	2.1	1.0	8.0	49.2	6.7	1.6	1.1	3.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	916,999	28.7	0.3	2.1	5.0	47.9	4.9	0.9	-	10.2
UNC Asheville	891,858	24.3	1.6	1.2	9.9	52.1	4.6	4.8	1.6	0.0
Subtotal	1,808,857	26.5	0.9	1.6	7.4	50.0	4.8	2.8	0.8	5.2
Schools of Art, Music, and Design										
UNC School of the Arts	817,005	39.3	-	3.1	8.6	30.1	11.0	2.7	0.3	5.0
Subtotal	817,005	39.3	-	3.1	8.6	30.1	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	238,016	72.9	-	1.2	7.5	7.3	9.6	1.6	0.1	0.0
Asheville-Buncombe	634,561	66.0	-	2.2	4.2	7.1	6.3	1.3	6.7	6.1
Beaufort Co.	191,951	64.1	-	4.0	7.2	8.3	9.5	3.2	2.8	0.8
Bladen	110,661	63.7	-	0.2	8.9	13.0	8.6	5.6	-	0.0
Blue Ridge	310,320	65.8	-	0.0	5.6	14.2	5.3	3.4	5.6	0.0
Brunswick	251,729	46.3	-	0.8	3.7	6.7	7.3	2.8	32.4	0.0
Caldwell	365,502	69.4	-	0.0	5.4	10.7	4.2	4.0	6.3	0.0
Cape Fear	649,235	66.1	0.0	-	7.4	9.5	9.3	1.2	6.1	0.3
Carteret	169,679	74.4	-	-	7.1	7.5	9.2	0.9	0.9	0.0
Catawba Valley	379,066	66.3	-	-	7.7	12.2	6.5	-	5.6	1.7
Central Carolina	400,746	76.4	-	1.8	4.3	7.9	4.8	0.1	4.6	0.0
Central Piedmont	1,408,166	70.6	-	2.0	5.8	7.1	8.2	3.9	1.3	1.1
Cleveland	202,857	67.6	-	1.9	11.9	8.5	9.7	0.4	-	0.0
Coastal Carolina	238,270	72.2	-	0.1	10.3	5.7	9.0	2.8	-	0.0
Coll. of Albemarle	272,127	65.3	-	9.5	6.3	5.7	11.6	1.5	0.0	0.0
Craven	212,167	68.9	-	3.1	9.6	4.3	8.8	0.5	4.8	0.0
Davidson County	318,324	62.4	-	2.5	10.2	6.2	12.4	3.9	2.1	0.3
Durham	344,834	63.3	-	0.2	9.5	4.1	8.6	11.7	2.6	0.0
Edgecombe	202,273	63.8	-	11.1	7.3	7.1	6.2	1.1	3.3	0.0
Fayetteville	678,164	67.8	-	1.1	9.0	9.2	10.4	2.5	0.0	0.0
Forsyth	752,988	66.2	-	0.5	6.5	7.2	8.4	1.4	1.3	8.4
Gaston	464,070	69.2	3.1	-	6.3	9.0	6.6	0.6	5.1	0.0
Guilford	1,183,172	52.1	-	2.0	5.1	5.1	5.7	1.8	0.8	27.4
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	253,485	59.9	-	0.8	6.7	10.0	11.0	3.8	3.2	4.5
Isothermal	242,274	66.6	-	8.7	6.4	5.6	7.9	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	330,054	62.2	-	0.4	10.1	13.5	9.5	3.9	0.4	0.0
Lenoir	325,675	66.7	-	1.4	6.4	9.2	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	183,046	40.9	-	1.2	6.3	6.5	5.2	2.5	4.2	33.3
McDowell	152,705	70.1	-	1.3	5.0	5.5	10.0	3.8	4.3	0.0
Mitchell	250,728	62.4	-	0.1	6.8	15.4	10.6	1.4	1.4	1.8
Montgomery	93,089	62.2	-	0.1	9.1	10.9	9.7	2.3	2.5	3.1
Nash	226,519	67.4	-	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	145,573	58.7	-	4.2	6.6	14.0	13.1	3.2	0.2	0.0
Pitt	390,417	69.9	-	-	8.7	8.2	6.6	4.5	0.8	1.2
Randolph	299,370	61.6	-	0.0	3.5	8.6	15.9	0.4	5.5	4.4
Richmond	173,829	58.5	-	17.6	8.2	5.7	8.2	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	201,508	62.9	-	0.2	7.5	15.0	8.7	1.4	3.4	0.9
Rockingham	229,511	70.7	-	-	7.5	13.2	7.6	0.8	0.2	0.0
Rowan-Cabarrus	376,246	53.0	-	1.4	16.3	9.8	13.2	2.3	0.6	3.4
Sampson	139,057	64.0	-	0.9	10.1	9.0	7.4	2.2	6.3	0.0
Sandhills	339,999	73.0	-	-	7.2	12.8	6.4	0.3	0.2	0.0
South Piedmont	327,972	39.9	-	4.2	4.0	7.8	7.3	1.1	5.4	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	150,418	62.3	-	0.5	6.5	10.0	12.4	3.4	5.0	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	256,952	59.8	-	9.2	7.8	8.7	8.0	1.2	3.0	2.3
Wake	992,495	73.5	-	-	6.6	9.0	8.6	2.2	0.2	0.0
Wayne	323,951	50.4	-	1.5	8.1	7.8	5.0	3.6	3.8	19.7
Western Piedmont	288,213	56.2	-	-	8.1	8.2	7.7	2.5	1.5	15.8
Wilkes	339,384	61.6	-	0.1	6.8	12.8	6.1	6.1	5.1	1.3
Wilson	143,401	64.2	-	0.6	7.0	8.5	17.8	1.9	-	0.0
Subtotal	18,641,612	64.1	0.1	1.8	7.2	8.9	8.2	2.4	3.1	4.2
Private Institutions										
NC Private Universities										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,173,937	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	367,759	28.3	-	0.4	7.0	43.3	11.8	2.1	-	7.1
Subtotal	2,475,911	30.4	0.5	0.4	6.8	49.9	7.4	2.0	0.6	2.1
Grand Total	70,219,022	34.5	8.1	4.4	8.1	31.2	6.8	2.1	1.5	3.4

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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 which 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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.
- 31 **Direct Patient Care.** This subprogram includes those 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 those 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 those 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	18.4	-	-	0.2	-	-	-	-
NC State Veterinary Med	23.5	-	-	-	-	-	-	-
UNC-Chapel Hill	20.5	-	-	0.5	0.3	-	-	-
UNC-Chapel Hill Hlth Aff.	22.5	-	0.0	0.1	0.1	-	-	-
Subtotal	19.9	-	0.0	0.3	0.1	-	-	-
Doctoral Universities I and II								
East Carolina	28.9	-	0.0	-	-	-	-	-
East Carolina Hlth Aff.	25.0	-	0.0	-	0.1	-	-	-
NC A&T	32.6	-	-	-	-	-	-	-
UNC Charlotte	21.3	-	-	0.0	-	-	-	-
UNC Greensboro	21.4	-	0.0	-	0.0	-	-	-
Subtotal	25.3	-	0.0	0.0	0.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	29.7	-	-	-	-	-	-	-
Fayetteville	33.6	-	-	0.3	-	-	-	-
NC Central	35.9	-	-	-	-	-	-	-
UNC Pembroke	27.3	-	-	-	-	-	-	-
UNC Wilmington	23.3	-	-	0.0	-	-	-	-
Western Carolina	22.6	-	-	0.2	-	-	-	0.3
Winston-Salem	20.6	-	0.2	-	-	-	-	-
Subtotal	27.1	-	0.0	0.0	-	-	-	0.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	28.5	-	0.0	0.2	-	-	-	-
UNC Asheville	23.9	-	-	0.3	-	-	-	0.1
Subtotal	26.3	-	0.0	0.2	-	-	-	0.0
Schools of Art, Music, and Design								
UNC School of the Arts	39.3	-	-	-	-	-	-	-
Subtotal	39.3	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
Subtotal	0.5	-	-	0.5	-	-	-	-
Community Colleges								
Alamance	10.4	47.9	-	8.1	6.4	0.1	-	-
Asheville-Buncombe	10.8	44.0	1.1	3.2	6.2	-	-	0.8
Beaufort Co.	2.0	48.7	1.6	1.0	10.9	-	-	-
Bladen	24.6	37.9	-	0.7	0.6	-	-	-
Blue Ridge	18.5	42.0	0.6	1.2	3.5	-	-	0.0
Brunswick	0.8	26.1	-	9.1	7.5	-	-	2.9
Caldwell	12.1	44.0	1.4	10.1	1.9	-	-	-
Cape Fear	15.6	44.5	0.7	3.5	1.8	-	-	-
Carteret	4.6	67.0	0.1	1.3	0.8	-	-	0.6
Catawba Valley	20.8	36.5	2.5	2.2	4.0	-	-	0.3
Central Carolina	5.2	59.3	3.9	5.1	2.3	-	-	0.5
Central Piedmont	24.9	34.2	1.2	4.5	5.7	-	-	-
Cleveland	11.9	51.5	-	3.2	0.6	-	0.4	-
Coastal Carolina	24.9	38.0	0.8	2.3	6.2	-	-	-
Coll. of Albemarle	25.9	26.3	0.3	5.7	7.1	-	-	-
Craven	20.7	40.6	2.0	1.7	3.9	-	-	-
Davidson County	25.2	32.0	2.3	1.6	1.3	-	0.1	-
Durham	1.5	53.6	0.8	6.3	1.2	-	-	-
Edgecombe	2.9	53.5	0.1	4.0	3.3	0.1	-	-
Fayetteville	3.4	46.6	-	9.1	8.0	-	0.5	0.1
Forsyth	14.5	42.1	1.5	2.4	4.0	-	0.1	1.5
Gaston	21.9	33.6	1.0	7.0	5.6	0.1	-	-

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	5.1	38.6	1.4	3.0	3.8	-	-	0.1
Halifax	12.5	39.7	0.0	1.5	0.4	-	-	-
Haywood	0.4	50.9	0.1	1.2	4.3	-	-	3.0
Isothermal	22.3	32.6	0.9	9.2	0.8	-	-	0.8
James Sprunt	12.4	40.0	0.5	6.2	5.8	-	-	-
Johnston	-	54.3	0.5	1.5	5.5	-	0.4	-
Lenoir	15.1	34.7	3.2	11.6	1.0	-	-	1.0
Martin	8.2	26.6	1.6	4.1	3.4	-	-	0.9
Mayland	3.9	27.7	0.8	3.8	4.7	-	-	-
McDowell	5.5	57.6	0.4	2.8	3.7	-	-	-
Mitchell	29.9	18.2	0.1	10.8	2.6	-	0.3	0.5
Montgomery	11.5	44.8	3.4	-	2.6	-	-	-
Nash	15.5	39.1	-	-	12.2	0.6	-	-
Pamlico	12.4	27.7	-	14.0	9.5	-	-	-
Piedmont	3.4	46.1	1.4	5.5	2.4	-	-	-
Pitt	19.2	43.3	1.4	2.9	2.4	0.7	-	0.1
Randolph	6.7	41.0	0.2	7.1	6.6	-	-	-
Richmond	3.6	49.1	0.1	5.4	0.3	-	-	-
Roanoke-Chowan	7.6	26.8	2.5	0.9	4.0	0.5	-	-
Robeson	9.6	42.7	-	5.9	4.7	-	-	-
Rockingham	28.0	37.5	-	0.0	5.2	-	-	-
Rowan-Cabarrus	20.1	30.7	1.0	1.2	-	-	-	-
Sampson	0.6	54.1	1.8	3.9	1.7	0.8	1.1	0.1
Sandhills	28.1	30.6	1.0	2.5	10.7	-	-	-
South Piedmont	4.7	29.6	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	50.9	0.8	6.5	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	20.2	30.9	2.1	4.8	0.2	0.4	-	1.2
Wake	26.3	32.5	0.1	7.6	6.8	-	-	0.2
Wayne	7.1	36.8	0.8	5.8	-	-	-	-
Western Piedmont	23.9	21.5	-	10.5	0.4	-	-	-
Wilkes	21.8	33.9	0.1	3.6	2.3	-	-	-
Wilson	5.3	41.4	9.1	3.4	5.1	-	-	-
Subtotal	14.5	39.1	1.1	4.5	4.5	0.0	0.1	0.3
Private Institutions								
NC Private Universities								
Barton	32.7	-	-	-	-	-	-	-
Campbell	29.8	-	-	-	-	-	-	-
Mars Hill	31.6	-	-	-	-	-	-	-
Pfeiffer	28.3	-	-	-	-	-	-	-
Subtotal	30.4	-	-	-	-	-	-	-
Grand Total	21.1	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	21.0	-	-	1.9	2.7	0.0
NC State Veterinary Med	-	32.3	16.3	12.5	-	0.1	-
UNC-Chapel Hill	0.3	7.0	0.0	0.1	0.4	0.0	0.1
UNC-Chapel Hill Hlth Aff.	1.6	44.9	4.6	5.2	0.3	0.1	-
Subtotal	3.4	19.3	1.0	1.0	1.1	1.3	0.0
Doctoral Universities I and II							
East Carolina	1.4	1.9	-	0.1	0.4	-	0.1
East Carolina Hlth Aff.	0.6	16.4	26.5	15.9	0.5	-	-
NC A&T	2.4	5.5	-	-	0.3	0.7	0.1
UNC Charlotte	2.8	5.2	-	-	1.6	-	-
UNC Greensboro	0.1	5.2	0.3	-	0.1	-	-
Subtotal	1.6	5.4	2.2	1.3	0.7	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	2.6	2.5	-	-	0.9	-	-
Western Carolina	0.8	0.6	-	-	0.2	-	0.0
Winston-Salem	1.2	1.6	-	-	0.3	-	0.0
Subtotal	1.0	1.1	0.1	-	0.8	-	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	0.3	-	-	1.7	-	0.3
UNC Asheville	0.4	1.2	-	-	1.2	-	-
Subtotal	0.2	0.7	-	-	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	-	-	-	-	1.2	-	-
Asheville-Buncombe	-	-	0.6	-	1.1	0.5	-
Beaufort Co.	-	-	-	-	4.0	-	0.0
Bladen	-	-	-	-	0.2	-	-
Blue Ridge	-	-	-	-	0.0	-	-
Brunswick	-	-	-	-	0.8	-	-
Caldwell	-	-	-	-	0.0	-	-
Cape Fear	-	0.0	-	-	-	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	0.6	1.2	-	-
Central Piedmont	-	-	-	-	-	-	2.0
Cleveland	-	-	-	-	1.9	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
Coll. of Albemarle	-	-	-	-	9.5	-	-
Craven	-	-	-	-	1.8	-	1.3
Davidson County	-	-	-	0.0	2.5	-	-
Durham	-	-	-	-	0.2	-	-
Edgecombe	-	-	-	0.6	10.6	-	-
Fayetteville	-	-	-	-	1.1	-	-
Forsyth	-	-	-	-	0.0	-	0.4
Gaston	-	3.1	-	-	-	-	-

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	-	-	-	-	0.8	-	-
Isothermal	-	-	-	-	8.1	-	0.6
James Sprunt	-	-	-	-	2.7	-	-
Johnston	-	-	-	-	0.4	-	-
Lenoir	-	-	-	-	1.4	-	-
Martin	-	-	-	-	1.5	-	-
Mayland	-	-	-	-	1.2	-	-
McDowell	-	-	-	-	1.3	-	-
Mitchell	-	-	-	-	0.1	-	-
Montgomery	-	-	-	-	0.1	-	-
Nash	-	-	-	-	0.1	-	-
Pamlico	-	-	-	-	-	-	-
Piedmont	-	-	-	-	4.2	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	0.0	-	-
Richmond	-	-	-	-	17.6	-	-
Roanoke-Chowan	-	-	-	-	2.3	-	-
Robeson	-	-	-	-	0.1	0.1	-
Rockingham	-	-	-	-	-	-	-
Rowan-Cabarrus	-	-	-	-	1.4	-	-
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	-	-	-	0.1	0.0	-	-
Wilson	-	-	-	-	0.6	-	-
Subtotal	-	0.1	0.0	0.0	1.5	0.0	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	1.4	6.7	1.4	1.5	1.1	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 which 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 those 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 which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.
- 42 **Museums and Galleries.** This subprogram includes those 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 which are separately funded; departmental exhibit areas are included under the appropriate Instruction Subprogram.
- 43 **Educational Media Services.** This subprogram includes those 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 those 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 those 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 those 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 those 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	0.1	0.4	0.4	0.0	2.3	0.0	0.0
NC State Veterinary Med	2.9	-	0.4	0.3	0.0	3.3	-	-
UNC-Chapel Hill	8.4	0.5	0.1	0.4	0.1	1.4	0.0	0.2
UNC-Chapel Hill Hlth Aff.	2.3	0.0	0.0	0.1	1.4	4.1	0.0	0.0
Subtotal	5.3	0.2	0.2	0.4	0.3	2.2	0.0	0.1
Doctoral Universities I and II								
East Carolina	5.5	0.2	0.1	0.0	0.1	0.6	-	-
East Carolina Hlth Aff.	6.7	0.3	0.2	-	0.1	2.0	-	-
NC A&T	5.1	0.7	0.1	0.3	3.8	3.3	-	-
UNC Charlotte	5.4	0.1	0.1	0.7	-	4.7	-	-
UNC Greensboro	3.9	0.8	0.6	0.2	0.6	3.8	-	0.0
Subtotal	5.1	0.4	0.2	0.3	0.8	3.0	-	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	-	4.5	-	0.0
UNC Wilmington	4.9	0.2	-	0.6	-	2.0	-	0.0
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	0.4	0.1	0.4	0.3	2.1	0.0	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	3.8	0.1	-	0.3	0.4	0.3	-	-
UNC Asheville	7.6	0.4	0.6	0.9	-	0.4	-	0.1
Subtotal	5.7	0.2	0.3	0.6	0.2	0.3	-	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	4.6	0.4	-	-	1.0	1.5	-	-
Asheville-Buncombe	3.1	-	0.4	0.1	0.4	0.1	-	-
Beaufort Co.	5.2	-	0.8	0.1	-	1.2	-	-
Bladen	6.1	-	-	-	-	2.8	-	-
Blue Ridge	3.8	0.0	0.7	-	-	0.7	-	0.3
Brunswick	2.4	-	0.3	0.0	-	1.0	-	-
Caldwell	3.5	-	0.7	-	-	1.2	-	-
Cape Fear	4.9	0.0	0.5	0.0	1.1	0.7	0.1	-
Carteret	3.7	-	-	-	1.6	1.7	-	-
Catawba Valley	4.8	0.1	0.8	0.2	-	1.7	-	-
Central Carolina	3.6	-	0.2	-	0.1	0.4	-	-
Central Piedmont	4.0	0.1	0.3	0.1	-	0.8	0.4	0.2
Cleveland	7.4	-	3.0	0.1	-	1.4	-	-
Coastal Carolina	6.9	-	0.1	0.1	0.1	3.1	-	-
Coll. of Albemarle	4.3	0.3	-	-	-	1.7	-	-
Craven	7.4	-	-	0.0	-	2.2	-	-
Davidson County	7.5	-	0.1	-	1.9	0.7	-	-
Durham	4.4	-	0.2	0.1	-	4.3	0.4	0.1
Edgecombe	5.2	-	0.5	0.4	-	1.1	0.1	-
Fayetteville	3.6	0.1	1.1	0.1	1.8	2.3	-	-
Forsyth	2.3	0.1	0.4	0.4	-	2.8	0.1	0.4
Gaston	3.3	0.5	0.4	0.1	0.7	1.4	-	-
Guilford	2.5	-	-	0.0	1.6	1.1	-	-

Table 14b. Academic Support Subprograms

	Library Services	Museums & Galleries	Educational & Media Services	Academic Computing Support	Ancillary Support	Academic Admin.	Course & Curriculum Dev.	Academic Personnel Dev.
	41	42	43	44	45	46	47	48
Halifax	5.4	-	-	-	1.6	1.2	-	-
Haywood	5.6	0.2	-	0.1	-	0.9	-	-
Isothermal	3.9	-	-	-	-	2.5	-	-
James Sprunt	6.1	0.5	0.1	2.4	-	3.3	-	0.1
Johnston	4.3	0.9	0.7	-	1.4	0.8	-	2.1
Lenoir	4.4	0.9	0.1	0.0	-	1.1	-	-
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	4.6	-	0.4	-	-	1.3	-	-
McDowell	3.3	0.3	-	-	-	1.3	-	-
Mitchell	3.5	0.2	0.8	-	-	2.4	-	-
Montgomery	8.5	-	-	-	-	0.6	-	-
Nash	4.6	0.3	0.6	-	0.1	0.6	-	-
Pamlico	9.0	-	0.3	1.9	-	1.4	-	-
Piedmont	4.3	-	0.3	0.1	0.3	1.5	-	-
Pitt	5.5	-	0.1	0.1	-	3.0	-	-
Randolph	2.5	-	0.2	0.1	-	0.7	-	-
Richmond	6.2	-	0.7	0.4	-	0.9	-	-
Roanoke-Chowan	7.9	-	-	-	-	1.7	-	-
Robeson	5.5	-	0.1	0.0	-	1.9	-	-
Rockingham	4.4	0.8	-	-	-	2.4	-	-
Rowan-Cabarrus	5.8	-	0.3	-	1.0	9.0	0.2	-
Sampson	8.8	-	-	0.1	-	1.2	-	-
Sandhills	5.4	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	4.3	-	0.6	-	1.0	0.7	-	-
Wayne	5.3	-	0.8	0.0	1.0	0.8	0.1	-
Western Piedmont	5.2	-	0.2	0.1	-	2.6	-	-
Wilkes	5.2	0.1	0.1	-	0.4	1.0	-	-
Wilson	4.8	-	0.2	-	-	2.0	-	-
Subtotal	4.4	0.1	0.4	0.1	0.5	1.5	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	6.1	-	0.0	-	-	0.8	-	0.1
Subtotal	4.9	0.5	0.5	0.0	0.0	0.8	0.0	0.0
Grand Total	4.8	0.3	0.3	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 which 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 those 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 those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those 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 those 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 those administrative activities carried out in support of the institution's financial aid program.
- 55 **Student Auxiliary Services.** This subprogram includes those 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 those team and individual sports activities that involve competition between two or more educational institutions.
- 57 **Student Health/Medical Services.** This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally 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 those 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 those 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 those activities related to custodial services in institutional buildings.
- 74 **Utilities.** This subprogram consists of those 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 those activities related to the operation and maintenance of campus landscape and grounds.
- 76 **Major Repairs and Renovations.** This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate 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	23.6	5.5	0.5	0.1	0.4	0.1	0.2	0.5
NC State Veterinary Med	-	-	-	-	1.5	-	-	-	2.1	0.3	1.0	1.4
UNC-Chapel Hill	0.6	3.0	0.3	0.1	31.2	10.3	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	22.7	6.4	0.4	0.1	0.5	0.2	0.5	0.5
Doctoral Universities I and II												
East Carolina	0.5	6.6	0.1	0.1	31.2	5.5	0.4	0.2	1.4	0.1	0.0	0.5
East Carolina Hlth Aff.	-	-	-	0.0	0.1	-	-	-	-	0.1	1.7	0.3
NC A&T	0.3	2.2	0.5	0.3	23.3	3.5	0.9	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	0.8	5.0	0.3	0.1	37.5	4.0	0.4	0.7	0.5	0.1	0.0	0.2
UNC Greensboro	0.2	6.9	0.3	0.1	42.2	2.0	0.7	0.1	0.8	0.0	0.8	0.3
Subtotal	0.4	5.0	0.3	0.1	31.7	3.5	0.5	0.3	0.8	0.1	0.4	0.3
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.1	11.5	0.4	0.3	33.1	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	39.0	2.1	0.3	0.6	0.7	0.3	0.2	0.1
UNC Wilmington	0.7	4.7	0.3	-	43.6	4.1	0.4	0.3	0.2	0.1	0.2	0.2
Western Carolina	0.1	9.7	0.5	0.1	38.6	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	7.6	0.4	0.2	36.4	3.7	0.4	0.8	0.5	0.1	0.2	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.5	4.9	0.5	0.2	39.9	1.6	0.3	0.5	0.3	-	0.1	-
UNC Asheville	0.6	9.8	0.3	0.2	33.3	7.2	0.7	0.0	2.3	0.3	2.2	-
Subtotal	0.5	7.3	0.4	0.2	36.6	4.4	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	-	0.8
Subtotal	0.1	7.9	0.2	0.3	21.1	-	0.5	0.5	1.2	0.2	-	0.8
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Subtotal	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Community Colleges												
Alamance	0.1	2.2	0.2	0.5	4.3	-	-	-	1.6	-	-	-
Asheville-Buncombe	0.7	2.3	0.6	0.4	3.1	-	-	0.5	0.2	0.4	-	0.0
Beaufort Co.	1.2	1.3	0.2	0.5	5.0	-	-	-	3.2	-	-	-
Bladen	1.1	7.8	-	0.4	3.7	-	-	-	3.2	0.5	0.2	1.8
Blue Ridge	0.3	9.0	1.3	-	3.6	-	-	0.0	2.1	0.3	-	1.0
Brunswick	0.5	0.8	0.3	0.4	4.8	-	0.0	-	2.4	0.2	-	0.1
Caldwell	0.0	6.8	1.2	0.1	2.6	-	-	0.0	3.9	-	-	0.0
Cape Fear	3.0	1.6	1.5	0.3	3.2	-	-	0.2	0.5	0.4	-	-
Carteret	1.1	2.5	1.8	0.1	1.9	-	-	0.7	-	0.1	-	0.1
Catawba Valley	0.0	3.0	1.0	0.0	2.2	6.0	-	-	-	-	-	-
Central Carolina	0.4	1.9	0.4	0.0	5.2	-	-	-	-	0.1	-	-
Central Piedmont	1.5	3.1	0.4	0.5	1.6	-	-	0.2	3.2	0.2	-	0.4
Cleveland	0.7	3.3	1.6	0.3	2.6	-	-	0.3	-	0.1	-	-
Coastal Carolina	0.1	1.3	0.9	0.1	3.2	-	-	0.2	1.6	0.8	0.1	-
Coll. of Albemarle	0.7	2.7	0.3	0.8	1.3	-	-	0.0	1.2	-	0.2	-
Craven	0.1	2.1	0.4	-	1.8	-	-	-	0.4	0.2	-	-
Davidson County	0.2	0.4	1.3	-	4.3	-	-	0.0	3.7	0.1	0.0	-
Durham	0.5	0.7	1.1	0.8	1.0	-	-	0.7	10.2	0.2	0.0	0.5
Edgecombe	0.5	5.1	0.2	0.2	1.1	-	-	0.5	0.5	0.0	-	-
Fayetteville	2.6	2.2	0.5	0.1	3.8	-	-	0.5	1.0	0.3	0.0	0.8
Forsyth	0.6	2.2	1.0	0.3	3.2	0.0	-	0.1	0.7	0.0	0.6	0.0
Gaston	0.8	4.0	0.6	0.4	3.2	-	0.0	-	0.3	0.1	0.0	0.2
Guilford	0.1	1.7	0.6	0.1	2.5	0.0	-	0.3	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	0.2	5.7	0.3	0.3	3.4	-	-	1.0	1.6	0.2	-	1.1
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	5.3	1.2	0.7	5.3	-	-	0.1	2.6	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	5.1	-	-	-	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	0.6	4.5	1.1	0.3	4.4	-	-	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	3.8	0.7	2.7	0.2	6.6	-	-	-	2.4	0.1	-	0.8
Pitt	0.8	4.0	1.1	0.1	2.1	0.1	-	4.5	-	-	-	-
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	0.4	6.4	1.1	0.8	6.3	-	-	0.5	0.8	0.1	-	-
Rockingham	0.3	4.9	4.6	0.3	3.2	-	-	0.0	0.5	0.1	-	0.2
Rowan-Cabarrus	0.5	-	2.1	0.4	6.8	-	-	-	2.3	-	-	-
Sampson	0.1	3.1	1.0	0.1	4.7	-	-	0.1	2.1	-	-	-
Sandhills	0.1	4.7	1.0	0.3	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	1.7	2.8	0.4	0.5	4.5	-	-	0.2	3.2	-	-	-
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	-	2.8	0.6	4.3	0.1	-	0.4	0.6	-	0.2	-
Wake	0.3	1.4	2.3	0.5	4.5	0.1	-	0.5	1.7	-	-	-
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	4.5	0.2	-	0.1	1.1	0.3	0.0	0.9
Wilkes	0.1	9.7	1.1	0.3	1.7	-	-	2.0	0.5	0.3	-	3.4
Wilson	0.3	3.7	1.0	0.7	2.8	-	-	0.3	1.5	0.2	-	-
Subtotal	0.7	3.3	1.0	0.3	3.4	0.2	0.0	0.3	1.6	0.2	0.1	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	8.0	0.1	0.3	31.6	3.0	0.2	0.1	1.9	0.1	-	-
Subtotal	0.2	6.6	0.3	0.2	36.5	5.8	0.3	0.2	1.6	0.1	-	0.1
Grand Total	0.5	4.2	0.5	0.2	22.0	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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 those 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 because they are incapable of use. Included are rooms which are under or in need of alteration or renovation and rooms which 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) because 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	0.3	0.2	2.2	1.2	1.0	0.7	0.2	-	0.0	1.2	1.0	0.8
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	3.1	0.5
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	1.1	0.6	0.7	0.1	0.0	0.3	0.9	1.8	1.3
Doctoral Universities I and II												
East Carolina	0.8	2.3	1.9	1.2	0.3	0.5	0.1	0.1	-	1.3	0.2	5.0
East Carolina Hlth Aff.	1.5	0.2	0.1	0.4	-	0.5	-	0.1	-	-	0.4	0.4
NC A&T	0.5	0.5	8.8	0.8	0.4	0.4	0.2	0.1	-	0.5	0.6	0.2
UNC Charlotte	0.5	0.5	1.2	0.4	0.5	0.8	0.2	0.2	-	-	0.1	4.0
UNC Greensboro	0.4	0.3	4.3	1.1	0.5	0.6	0.2	0.1	0.1	0.3	0.2	0.1
Subtotal	0.6	0.9	3.2	0.8	0.4	0.6	0.2	0.1	0.0	0.5	0.2	2.4
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	0.8
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	0.6	0.6	3.3	0.7	0.6	0.6	0.4	0.3	-	-	0.0	1.0
Western Carolina	0.5	0.4	0.8	0.6	3.0	0.8	0.3	0.3	0.5	1.0	0.0	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	2.6	0.5	1.2	0.6	0.3	0.2	0.7	0.5	1.0	2.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.7	0.5	1.2	0.8	1.2	0.2	0.2	0.1	-	-	8.1	2.1
UNC Asheville	0.8	0.7	0.8	0.0	0.9	0.8	0.5	0.2	0.0	1.5	-	-
Subtotal	0.7	0.6	1.0	0.4	1.1	0.5	0.3	0.2	0.0	0.8	4.1	1.1
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	1.7	1.0	3.9	0.8	1.0	0.4	0.2	0.6	-	0.1	-	-
Asheville-Buncombe	0.8	1.2	1.8	1.0	0.3	0.2	0.4	0.5	-	6.7	2.0	4.1
Beaufort Co.	1.6	2.1	3.0	0.3	1.8	-	0.4	0.3	-	2.8	-	0.8
Bladen	0.9	0.9	4.9	0.4	0.5	0.1	-	0.9	-	-	-	-
Blue Ridge	1.6	0.7	1.1	1.1	0.2	0.1	-	0.5	-	5.6	-	-
Brunswick	1.4	0.8	3.2	0.5	0.4	0.3	0.3	0.3	24.5	7.8	-	-
Caldwell	1.4	0.7	1.0	0.4	0.1	0.1	0.4	0.1	-	6.3	-	-
Cape Fear	1.4	1.5	3.0	1.4	0.5	0.7	0.7	0.2	2.4	3.7	0.1	0.3
Carteret	2.7	0.5	4.0	1.3	0.1	0.3	0.1	0.1	-	0.9	-	-
Catawba Valley	1.6	0.7	1.7	0.6	-	0.2	1.4	0.4	-	5.6	0.1	1.6
Central Carolina	2.1	0.4	1.2	0.4	0.4	0.1	0.0	0.3	4.6	-	-	-
Central Piedmont	0.6	0.9	2.4	2.5	-	0.7	0.7	0.3	0.1	1.3	-	1.1
Cleveland	1.3	1.2	3.1	1.3	1.0	1.1	0.5	0.2	-	-	-	-
Coastal Carolina	0.5	0.7	6.8	0.5	0.2	0.1	-	0.2	-	-	-	-
Coll. of Albemarle	1.0	1.0	7.0	0.9	0.6	0.5	0.4	0.3	-	0.0	-	-
Craven	1.6	1.3	2.4	0.8	-	0.4	1.6	0.7	-	4.8	-	-
Davidson County	0.7	1.0	8.2	-	1.8	0.5	-	0.2	-	2.1	-	0.3
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	1.6	1.1	4.2	1.0	0.3	0.2	1.8	0.3	-	0.0	-	-
Forsyth	1.3	0.8	3.1	1.0	0.6	1.0	0.2	0.3	-	1.3	0.5	7.9
Gaston	0.5	0.6	3.1	1.1	0.7	0.0	0.4	0.3	-	5.1	-	-

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

	Ind. Operations										Unassigned	
	Exec. Mgmt	Fin. Mgmt	Gen Ad Log Svc	Admin Comp	Fac/Stf	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	20.6	6.8
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	3.5	-	-
Haywood	0.6	0.8	2.0	1.7	4.8	0.2	0.9	0.2	0.5	2.7	4.5	-
Isothermal	1.0	0.8	4.6	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	1.3	3.9	1.2	1.0	0.6	0.2	0.3	-	0.4	-	-
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	1.5	0.9	-	0.7	-	-	1.4	0.2	1.7
Montgomery	5.0	1.1	1.3	1.4	-	0.4	0.3	0.3	-	2.5	3.1	-
Nash	1.4	0.5	2.2	1.5	5.3	0.2	0.3	0.2	7.0	-	-	-
Pamlico	4.6	1.5	0.4	1.8	0.5	-	-	-	-	1.0	-	-
Piedmont	2.3	1.0	7.0	0.5	1.8	0.2	0.0	0.3	-	0.2	-	-
Pitt	0.6	0.8	2.6	1.1	0.6	0.6	0.1	0.4	-	0.8	-	1.2
Randolph	0.4	0.5	13.3	0.7	0.5	0.5	-	0.0	1.2	4.3	-	4.4
Richmond	2.8	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	1.3	0.7	3.5	1.1	0.5	0.1	1.0	0.6	0.2	3.2	0.9	-
Rockingham	0.8	0.8	3.0	1.2	0.9	0.2	0.2	0.4	-	0.2	-	-
Rowan-Cabarrus	1.3	-	8.8	2.4	0.4	-	0.1	0.1	-	0.6	0.0	3.4
Sampson	1.7	1.5	2.4	0.8	-	0.2	0.1	0.7	-	6.3	-	-
Sandhills	0.5	0.6	1.0	0.7	2.2	0.9	0.3	0.3	-	0.2	0.0	-
South Piedmont	1.8	0.7	2.4	0.7	0.8	0.6	0.1	0.2	-	5.4	-	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	4.9	1.3	2.5	1.2	0.2	0.1	0.8	1.4	-	5.0	-	-
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	1.2	3.9	0.6	0.7	0.4	-	0.3	-	3.0	2.3	-
Wake	0.9	0.5	3.3	1.3	0.1	0.3	1.8	0.4	-	0.2	-	-
Wayne	1.1	0.4	1.3	0.6	0.8	0.1	0.4	0.3	0.3	3.5	0.2	19.4
Western Piedmont	1.4	0.6	1.6	1.7	0.4	1.4	0.3	0.4	-	1.5	15.8	-
Wilkes	0.8	0.5	3.1	0.6	-	0.2	0.6	0.2	2.7	2.5	-	1.3
Wilson	3.2	1.3	5.7	1.5	3.7	0.5	1.6	0.3	-	-	-	-
Subtotal	1.2	0.9	3.3	1.1	0.6	0.4	0.5	0.3	0.7	2.4	1.8	2.4
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	2.5	0.3	1.0	0.1	0.4	0.8	0.6	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	1.9	0.6	6.9	0.4	0.6	0.2	-	-	6.7	0.4
Subtotal	0.6	0.4	1.0	0.5	3.0	0.9	0.8	0.2	0.2	0.4	1.5	0.6
Grand Total	0.7	0.7	2.7	0.9	0.8	0.6	0.3	0.2	0.4	1.1	1.4	2.0

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 which 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 because of 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, because 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 2016 (%)</u>
Classroom (Series 100)	8.0	9.9
Laboratory (Series 200)	14.5	16.7
Office(Series 300)	13.0	21.0
Study (Series 400)	6.8	5.4
Special Use (Series 500)	8.9	8.9
General Use (Series 600)	12.0	10.8
Support (Series 700)	6.5	4.6
Health Care (Series 800)	1.4	2.0
Residential (Series 900)	26.7	17.5
Unclassified (Series 000)	2.2	3.2

Room Use Codes

100 Classroom Facilities

- 110 Classroom
- 115 Classroom Service

200 Laboratory Facilities

- 210 Class Laboratory
- 215 Class Laboratory Service
- 220 Open Laboratory
- 225 Open Laboratory Service
- 250 Research/Nonclass Laboratory
- 255 Research/Nonclass Laboratory Service

300 Office Facilities

- 310 Office
- 315 Office Service
- 350 Conference Room
- 355 Conference Room Service

400 Study Facilities

- 410 Study Room
- 420 Stack
- 430 Open-Stack Study Room
- 440 Processing Room
- 455 Study Service

500 Special Use Facilities

- 510 Armory
- 515 Armory Service
- 520 Athletic or Physical Education
- 523 Athletic Facilities Spectator Seating
- 525 Athletic or Physical Ed. Svc.
- 530 Media Production
- 535 Media Production Service
- 540 Clinic
- 545 Clinic Service
- 550 Demonstration
- 555 Demonstration Service
- 560 Field Building
- 570 Animal Quarters
- 575 Animal Quarters Service
- 580 Greenhouse
- 585 Greenhouse Service

- 590 Other (All Purpose)

600 General Use Facilities

- 610 Assembly
- 615 Assembly Service
- 620 Exhibition
- 625 Exhibition Service
- 630 Food Facility
- 635 Food Facility Service
- 640 Day Care
- 645 Day Care Service
- 650 Lounge
- 655 Lounge Service
- 660 Merchandising
- 665 Merchandising Service
- 670 Recreation
- 675 Recreation Service
- 680 Meeting Room
- 685 Meeting Room Service

700 Support Facilities

- 710 Central Computer or Telecommunications
- 715 Central Computer or Telecommunications Service
- 720 Shop
- 725 Shop Service
- 730 Central Storage
- 735 Central Storage Service
- 740 Vehicle Storage
- 745 Vehicle Storage Service
- 750 Central Service
- 755 Central Service Support
- 760 Hazardous Materials Storage
- 770 Hazardous Waste Storage
- 775 Hazardous Waste Storage Svc.

800 Health Care Facilities

- 810 Patient Bedroom
- 815 Patient Bedroom Service
- 820 Patient Bath
- 830 Nurse Station

- 835 Nurse Station Service
- 840 Surgery
- 845 Surgery Service
- 850 Treatment/Examination
- 855 Treatment/Examination Service
- 860 Diagnostic Service Laboratory
- 865 Diagnostic Service Laboratory
Support
- 870 Central Supplies
- 880 Public Waiting
- 890 Staff On-Call Facility
- 895 Staff On-Call Facility Service

900 Residential Facilities

- 910 Sleep/Study without Toilet or Bath
- 910X Sleep/Study without Toilet or Bath
Designed and Equipped for
Mobility Impaired
- 919 Toilet or Bath
- 919X Toilet or Bath Designed and
Equipped for Mobility
Impaired
- 920 Sleep/Study with Toilet or Bath
- 920X Sleep/Study with Toilet or
Bath Designed and Equipped
for Mobility Impaired
- 935 Sleep/Study Service
- 950 Apartment
- 950X Apartment Equipped for Mobility
Impaired
- 955 Apartment Service
- 970 House

000 Unclassified Facilities

- 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

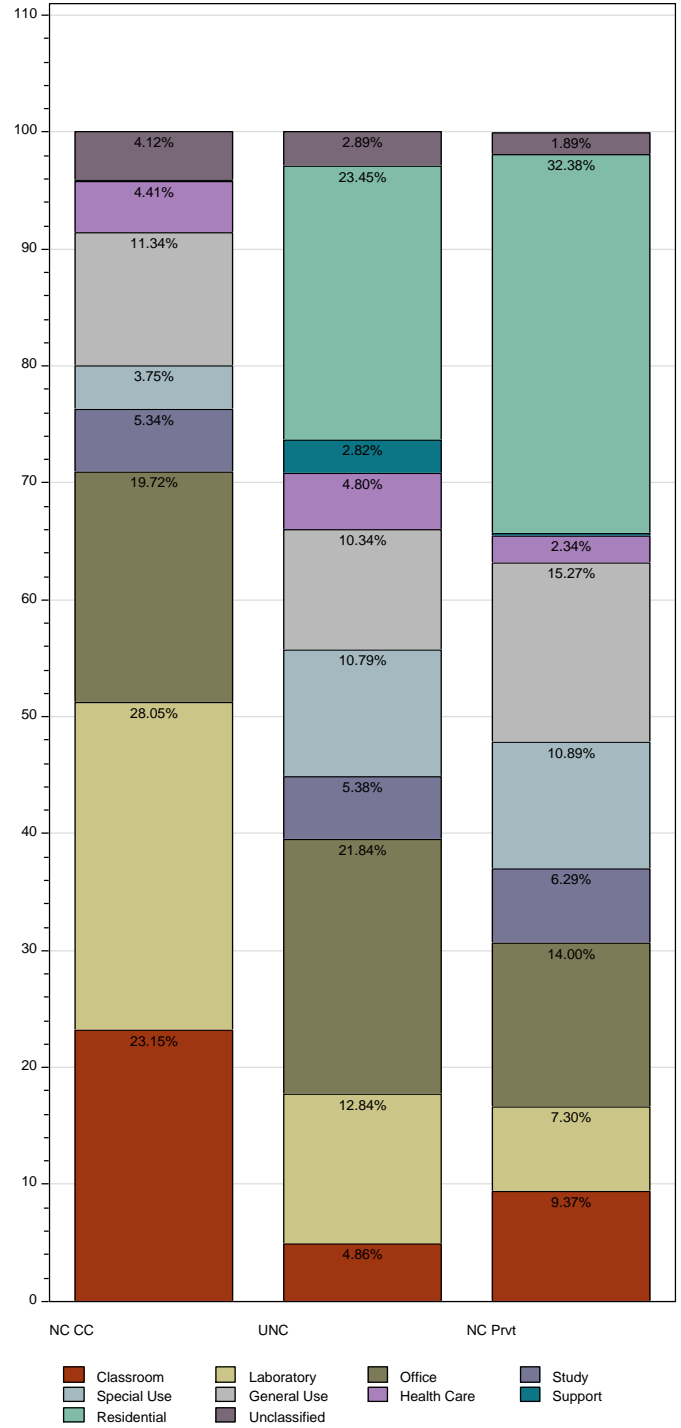
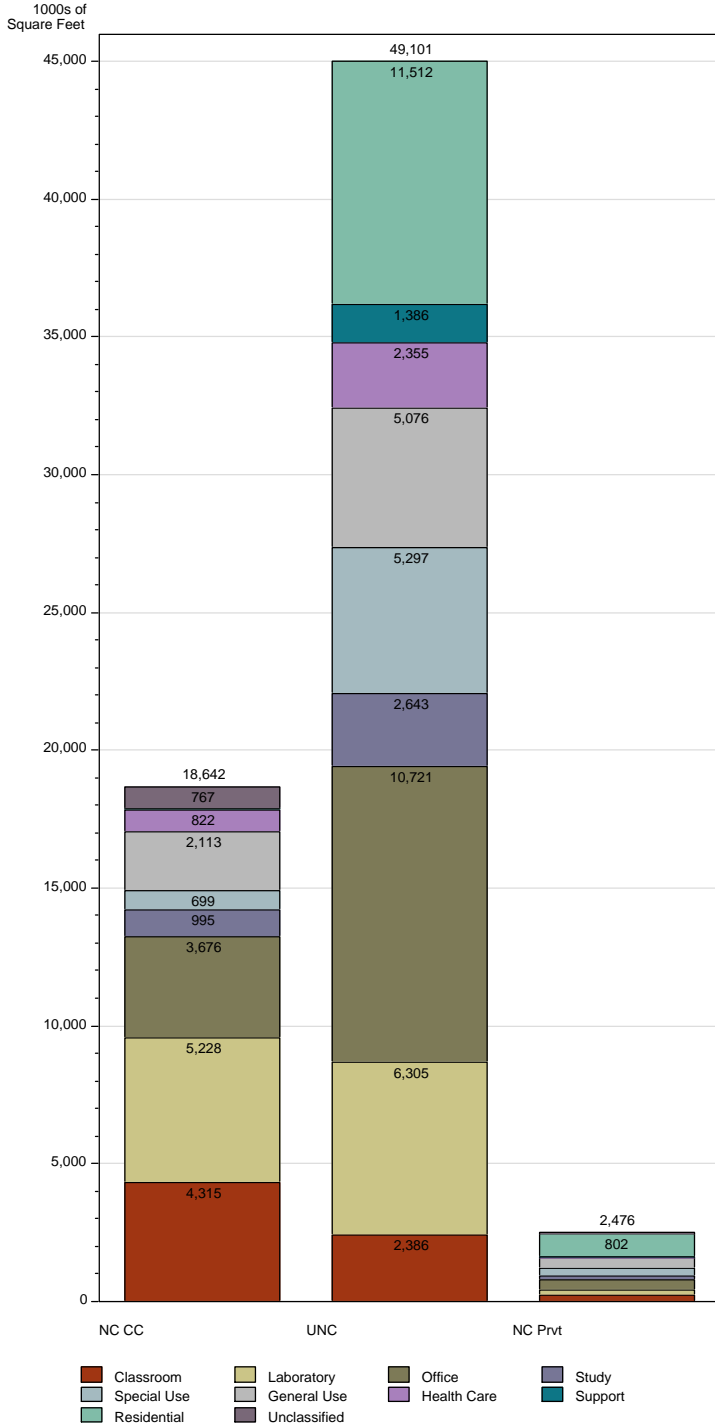


Table 15. Assignable Area by Room Codes

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	9,087,401	258,922	2.8	1,595,839	17.6	1,916,933	21.1	358,399	3.9
NC State Veterinary Med	428,789	7,759	1.8	104,632	24.4	85,833	20.0	11,130	2.6
UNC-Chapel Hill	7,340,893	269,182	3.7	621,747	8.5	1,630,768	22.2	634,650	8.6
UNC-Chapel Hill Hlth Aff.	2,692,159	83,512	3.1	767,884	28.5	1,085,286	40.3	75,161	2.8
Subtotal	19,549,242	619,375	3.2	3,090,102	15.8	4,718,820	24.1	1,079,340	5.5
Doctoral Universities I and II									
East Carolina	3,413,324	180,907	5.3	369,509	10.8	703,128	20.6	204,512	6.0
East Carolina Hlth Aff.	1,115,812	43,002	3.9	181,568	16.3	404,756	36.3	68,479	6.1
NC A&T	2,268,545	142,651	6.3	351,236	15.5	450,494	19.9	134,509	5.9
UNC Charlotte	3,817,707	248,279	6.5	545,632	14.3	836,840	21.9	235,778	6.2
UNC Greensboro	3,177,853	155,562	4.9	338,156	10.6	627,154	19.7	141,297	4.4
Subtotal	13,793,241	770,401	5.6	1,786,101	12.9	3,022,372	21.9	784,575	5.7
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,696,580	174,325	6.5	258,264	9.6	547,731	20.3	95,097	3.5
Fayetteville	902,292	57,386	6.4	89,675	9.9	218,113	24.2	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	1,039,000	88,818	8.5	59,121	5.7	188,324	18.1	41,372	4.0
UNC Wilmington	2,291,281	214,693	9.4	229,673	10.0	384,631	16.8	119,015	5.2
Western Carolina	2,110,552	101,811	4.8	188,967	9.0	325,631	15.4	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	11,774,852	830,776	7.1	1,055,524	9.0	2,210,601	18.8	614,594	5.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	916,999	74,912	8.2	70,842	7.7	126,410	13.8	39,755	4.3
UNC Asheville	891,858	50,703	5.7	92,750	10.4	166,241	18.6	74,573	8.4
Subtotal	1,808,857	125,615	6.9	163,592	9.0	292,651	16.2	114,328	6.3
Schools of Art, Music, and Design									
UNC School of the Arts	817,005	29,724	3.6	198,696	24.3	105,227	12.9	46,744	5.7
Subtotal	817,005	29,724	3.6	198,696	24.3	105,227	12.9	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	238,016	72,277	30.4	74,785	31.4	47,628	20.0	10,937	4.6
Asheville-Buncombe	634,561	116,165	18.3	227,611	35.9	151,150	23.8	16,788	2.6
Beaufort Co.	191,951	49,447	25.8	53,857	28.1	36,858	19.2	9,277	4.8
Bladen	110,661	23,454	21.2	32,642	29.5	24,446	22.1	8,346	7.5
Blue Ridge	310,320	73,477	23.7	100,404	32.4	47,782	15.4	18,010	5.8
Brunswick	251,729	67,300	26.7	25,962	10.3	40,056	15.9	7,369	2.9
Caldwell	365,502	96,503	26.4	100,151	27.4	64,468	17.6	19,006	5.2
Cape Fear	649,235	120,947	18.6	216,062	33.3	154,102	23.7	32,482	5.0
Carteret	169,679	43,007	25.3	60,668	35.8	35,828	21.1	6,047	3.6
Catawba Valley	379,066	80,440	21.2	113,994	30.1	76,169	20.1	23,222	6.1
Central Carolina	400,746	121,262	30.3	122,595	30.6	73,034	18.2	20,504	5.1
Central Piedmont	1,408,166	397,183	28.2	365,682	26.0	311,409	22.1	63,950	4.5
Cleveland	202,857	46,608	23.0	63,088	31.1	37,426	18.4	16,246	8.0
Coastal Carolina	238,270	76,206	32.0	72,286	30.3	46,539	19.5	15,280	6.4
Coll. of Albemarle	272,127	58,737	21.6	80,479	29.6	53,964	19.8	12,345	4.5
Craven	212,167	53,662	25.3	71,565	33.7	45,437	21.4	18,954	8.9
Davidson County	318,324	75,269	23.6	77,297	24.3	75,053	23.6	23,108	7.3
Durham	344,834	86,206	25.0	96,212	27.9	81,012	23.5	16,658	4.8
Edgecombe	202,273	39,851	19.7	65,484	32.4	34,533	17.1	12,414	6.1
Fayetteville	678,164	183,816	27.1	213,502	31.5	137,321	20.2	31,299	4.6

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	752,988	151,834	20.2	250,900	33.3	150,989	20.1
Gaston	464,070	113,133	24.4	140,010	30.2	100,993	21.8	30,760	6.6
Guilford	1,183,172	213,928	18.1	286,256	24.2	168,278	14.2	41,198	3.5
Halifax	187,362	38,320	20.5	46,849	25.0	34,385	18.4	11,164	6.0
Haywood	253,485	32,283	12.7	96,352	38.0	43,996	17.4	13,750	5.4
Isothermal	242,274	49,838	20.6	66,758	27.6	39,437	16.3	9,952	4.1
James Sprunt	127,239	31,510	24.8	30,357	23.9	34,985	27.5	10,267	8.1
Johnston	330,054	92,295	28.0	75,434	22.9	65,233	19.8	20,521	6.2
Lenoir	325,675	74,560	22.9	87,621	26.9	54,817	16.8	19,348	5.9
Martin	169,822	23,378	13.8	37,211	21.9	18,218	10.7	14,165	8.3
Mayland	183,046	32,802	17.9	33,055	18.1	23,214	12.7	10,255	5.6
McDowell	152,705	31,151	20.4	58,948	38.6	27,086	17.7	6,844	4.5
Mitchell	250,728	65,879	26.3	51,128	20.4	53,746	21.4	15,216	6.1
Montgomery	93,089	19,754	21.2	32,212	34.6	17,525	18.8	8,539	9.2
Nash	226,519	70,634	31.2	55,553	24.5	36,734	16.2	11,522	5.1
Pamlico	54,788	10,303	18.8	14,810	27.0	10,668	19.5	5,653	10.3
Piedmont	145,573	37,202	25.6	35,501	24.4	32,749	22.5	8,895	6.1
Pitt	390,417	80,936	20.7	134,231	34.4	90,470	23.2	24,221	6.2
Randolph	299,370	67,713	22.6	87,666	29.3	43,056	14.4	8,339	2.8
Richmond	173,829	36,959	21.3	46,064	26.5	31,327	18.0	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	201,508	34,018	16.9	64,558	32.0	48,002	23.8	8,619	4.3
Rockingham	229,511	33,707	14.7	72,947	31.8	41,507	18.1	10,954	4.8
Rowan-Cabarrus	376,246	114,351	30.4	80,057	21.3	89,342	23.7	22,009	5.8
Sampson	139,057	32,694	23.5	37,859	27.2	28,584	20.6	14,296	10.3
Sandhills	339,999	101,931	30.0	75,350	22.2	59,059	17.4	17,584	5.2
South Piedmont	327,972	48,189	14.7	54,984	16.8	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	150,418	40,329	26.8	35,238	23.4	38,264	25.4	6,334	4.2
Surry	321,258	98,978	30.8	89,019	27.7	60,496	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	256,952	47,259	18.4	80,220	31.2	46,545	18.1	21,097	8.2
Wake	992,495	247,491	24.9	276,530	27.9	256,667	25.9	77,907	7.8
Wayne	323,951	38,172	11.8	91,411	28.2	53,615	16.6	19,504	6.0
Western Piedmont	288,213	61,484	21.3	67,430	23.4	47,489	16.5	16,914	5.9
Wilkes	339,384	73,452	21.6	91,719	27.0	51,899	15.3	17,003	5.0
Wilson	143,401	41,996	29.3	36,055	25.1	32,920	23.0	9,561	6.7
Subtotal	18,641,612	4,315,266	23.1	5,228,189	28.0	3,676,328	19.7	995,146	5.3
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	1,173,937	112,050	9.5	76,028	6.5	170,633	14.5	82,668	7.0
Mars Hill	583,761	56,971	9.8	51,388	8.8	73,365	12.6	29,175	5.0
Pfeiffer	367,759	34,151	9.3	29,152	7.9	45,508	12.4	22,401	6.1
Subtotal	2,475,911	232,024	9.4	180,788	7.3	346,513	14.0	155,822	6.3
Grand Total	70,219,022	6,933,107	9.9	11,713,821	16.7	14,744,333	21.0	3,793,793	5.4

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	1,685,417	18.5	824,497	9.1	428,021	4.7	26,016	0.3	1,837,389	20.2	155,968	1.7
NC State Veterinary Med	67,703	15.8	11,100	2.6	28,092	6.6	112,540	26.2	-	-	0	0.0
UNC-Chapel Hill	845,430	11.5	838,800	11.4	459,979	6.3	22,909	0.3	1,758,126	23.9	259,302	3.5
UNC-Chapel Hill Hlth Aff.	173,556	6.4	91,998	3.4	35,285	1.3	177,692	6.6	2,450	0.1	199,335	7.4
Subtotal	2,772,106	14.2	1,766,395	9.0	951,377	4.9	339,157	1.7	3,597,965	18.4	614,605	3.1
Doctoral Universities I and II												
East Carolina	366,093	10.7	299,796	8.8	197,410	5.8	6,969	0.2	913,924	26.8	171,076	5.0
East Carolina Hlth Aff.	126,178	11.3	16,176	1.4	43,635	3.9	226,672	20.3	-	-	5,346	0.5
NC A&T	312,058	13.8	209,505	9.2	210,903	9.3	12,809	0.6	425,339	18.7	19,041	0.8
UNC Charlotte	236,502	6.2	333,814	8.7	55,134	1.4	7,623	0.2	1,162,603	30.5	155,502	4.1
UNC Greensboro	99,186	3.1	517,427	16.3	273,050	8.6	9,714	0.3	1,009,391	31.8	6,916	0.2
Subtotal	1,140,017	8.3	1,376,718	10.0	780,132	5.7	263,787	1.9	3,511,257	25.5	357,881	2.6
Master's (Comprehensive) Universities and Colleges I												
Appalachian	394,875	14.6	389,496	14.4	83,410	3.1	11,733	0.4	717,531	26.6	24,118	0.9
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	89,103	8.6	127,695	12.3	51,100	4.9	2,612	0.3	349,465	33.6	41,390	4.0
UNC Wilmington	125,782	5.5	236,371	10.3	87,246	3.8	4,676	0.2	865,450	37.8	23,744	1.0
Western Carolina	210,103	10.0	318,370	15.1	63,144	3.0	3,246	0.2	723,896	34.3	44,816	2.1
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	1,131,072	9.6	1,507,908	12.8	399,704	3.4	34,119	0.3	3,647,386	31.0	343,168	2.9
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	91,449	10.0	106,187	11.6	16,713	1.8	6,436	0.7	362,248	39.5	22,047	2.4
UNC Asheville	105,910	11.9	129,471	14.5	38,871	4.4	2,883	0.3	230,456	25.8	0	0.0
Subtotal	197,359	10.9	235,658	13.0	55,584	3.1	9,319	0.5	592,704	32.8	22,047	1.2
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	2.9	126,900	15.5	82,832	10.1	3,073	0.4	159,301	19.5	40,682	5.0
Subtotal	23,826	2.9	126,900	15.5	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	2.5	17,907	7.5	8,626	3.6	-	-	-	-	0	0.0
Asheville-Buncombe	16,094	2.5	59,057	9.3	17,411	2.7	3,870	0.6	-	-	26,415	4.2
Beaufort Co.	4,902	2.6	24,965	13.0	11,049	5.8	-	-	-	-	1,596	0.8
Bladen	1,155	1.0	12,442	11.2	8,176	7.4	-	-	-	-	0	0.0
Blue Ridge	6,235	2.0	52,255	16.8	12,157	3.9	-	-	-	-	0	0.0
Brunswick	29,576	11.7	69,353	27.6	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	29,571	4.6	78,405	12.1	14,661	2.3	-	-	756	0.1	2,249	0.3
Carteret	7,209	4.2	9,443	5.6	7,477	4.4	-	-	-	-	0	0.0
Catawba Valley	37,801	10.0	37,823	10.0	2,633	0.7	417	0.1	-	-	6,567	1.7
Central Carolina	11,379	2.8	47,388	11.8	2,630	0.7	1,954	0.5	-	-	0	0.0
Central Piedmont	32,410	2.3	135,504	9.6	87,093	6.2	-	-	-	-	14,935	1.1
Cleveland	15,097	7.4	16,350	8.1	8,042	4.0	-	-	-	-	0	0.0
Coastal Carolina	3,120	1.3	12,054	5.1	12,785	5.4	-	-	-	-	0	0.0
Coll. of Albemarle	7,204	2.6	47,540	17.5	11,858	4.4	-	-	-	-	0	0.0
Craven	1,875	0.9	18,860	8.9	1,814	0.9	-	-	-	-	0	0.0
Davidson County	17,805	5.6	28,119	8.8	20,565	6.5	142	0.0	-	-	966	0.3
Durham	2,319	0.7	21,706	6.3	40,721	11.8	-	-	-	-	0	0.0
Edgecombe	770	0.4	40,676	20.1	8,457	4.2	-	-	-	-	88	0.0
Fayetteville	30,745	4.5	50,511	7.4	30,970	4.6	-	-	-	-	0	0.0
Forsyth	18,875	2.5	57,470	7.6	38,632	5.1	110	0.0	43	0.0	60,646	8.1
Gaston	13,932	3.0	53,054	11.4	11,440	2.5	748	0.2	-	-	0	0.0
Guilford	25,718	2.2	87,584	7.4	35,860	3.0	529	0.0	-	-	323,821	27.4

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	1,590	0.6	40,139	15.8	12,430	4.9	1,524	0.6	-	-	11,421	4.5
Isothermal	22,920	9.5	35,146	14.5	18,223	7.5	-	-	-	-	0	0.0
James Sprunt	3,795	3.0	11,919	9.4	4,056	3.2	-	-	-	-	350	0.3
Johnston	8,584	2.6	44,996	13.6	21,478	6.5	-	-	1,513	0.5	0	0.0
Lenoir	24,941	7.7	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	16,358	8.9	5,909	3.2	-	-	-	-	60,881	33.3
McDowell	1,165	0.8	20,656	13.5	6,855	4.5	-	-	-	-	0	0.0
Mitchell	17,457	7.0	34,411	13.7	8,646	3.4	-	-	-	-	4,245	1.7
Montgomery	1,361	1.5	11,246	12.1	2,452	2.6	-	-	-	-	0	0.0
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	10.7	15,667	10.8	-	-	-	-	0	0.0
Pitt	18,112	4.6	19,905	5.1	17,790	4.6	-	-	-	-	4,752	1.2
Randolph	5,152	1.7	36,665	12.2	37,745	12.6	-	-	-	-	13,034	4.4
Richmond	989	0.6	41,630	23.9	5,824	3.4	226	0.1	-	-	0	0.0
Roanoke-Chowan	9,970	8.4	15,437	13.0	9,161	7.7	-	-	-	-	0	0.0
Robeson	3,139	1.6	36,259	18.0	6,515	3.2	-	-	-	-	398	0.2
Rockingham	35,998	15.7	25,573	11.1	7,861	3.4	964	0.4	-	-	0	0.0
Rowan-Cabarrus	4,283	1.1	36,113	9.6	14,373	3.8	2,805	0.7	-	-	12,913	3.4
Sampson	1,140	0.8	17,809	12.8	6,675	4.8	-	-	-	-	0	0.0
Sandhills	32,627	9.6	43,838	12.9	3,831	1.1	-	-	5,632	1.7	147	0.0
South Piedmont	1,291	0.4	50,954	15.5	8,324	2.5	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	1.3	20,711	13.8	7,657	5.1	-	-	-	-	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	43,967	17.1	9,365	3.6	-	-	-	-	5,789	2.3
Wake	43,465	4.4	55,264	5.6	35,171	3.5	-	-	-	-	0	0.0
Wayne	9,214	2.8	32,201	9.9	15,143	4.7	1,719	0.5	-	-	62,972	19.4
Western Piedmont	6,498	2.3	29,411	10.2	13,545	4.7	-	-	-	-	45,442	15.8
Wilkes	20,924	6.2	55,650	16.4	22,893	6.7	1,282	0.4	-	-	4,562	1.3
Wilson	229	0.2	14,227	9.9	8,413	5.9	-	-	-	-	0	0.0
Subtotal	699,287	3.8	2,113,178	11.3	822,295	4.4	16,509	0.1	7,944	0.0	767,470	4.1
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	1.9	2,964	0.3	419,085	35.7	7,397	0.6
Mars Hill	44,666	7.7	127,797	21.9	16,634	2.8	2,379	0.4	165,217	28.3	16,169	2.8
Pfeiffer	41,948	11.4	46,094	12.5	11,930	3.2	338	0.1	113,088	30.8	23,149	6.3
Subtotal	269,691	10.9	378,167	15.3	57,965	2.3	6,422	0.3	801,804	32.4	46,715	1.9
Grand Total	6,265,851	8.9	7,567,218	10.8	3,235,382	4.6	1,408,910	2.0	12,322,146	17.5	2,234,461	3.2

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.

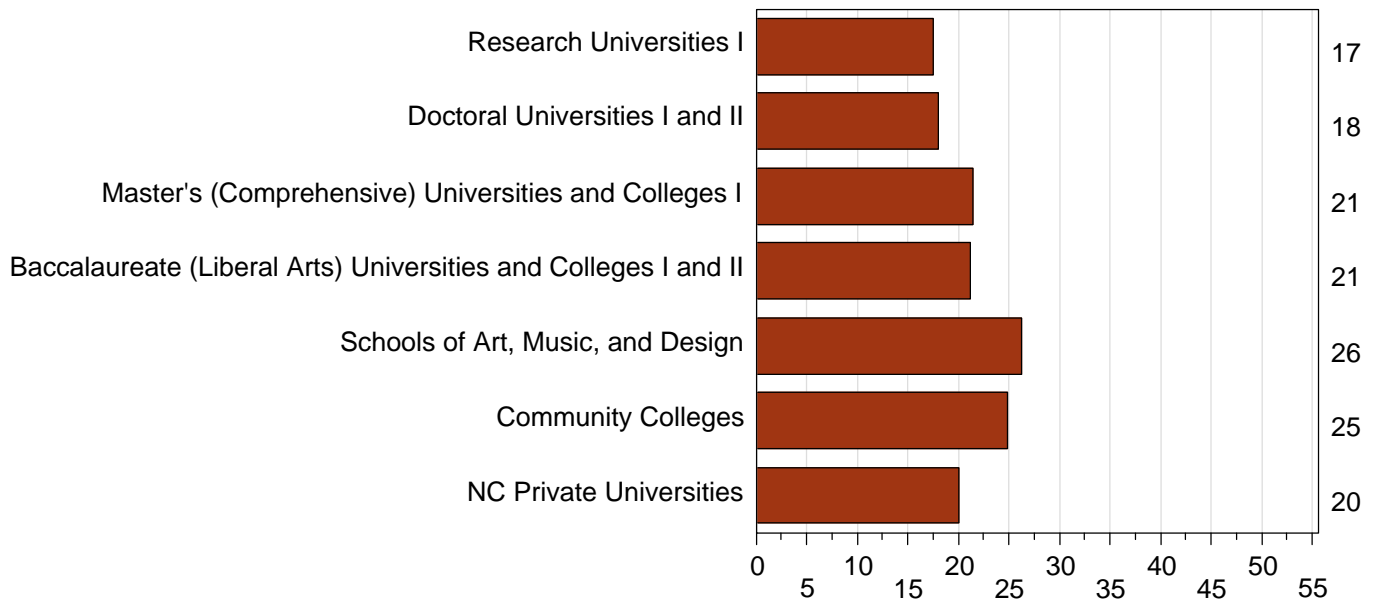
The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

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 which 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

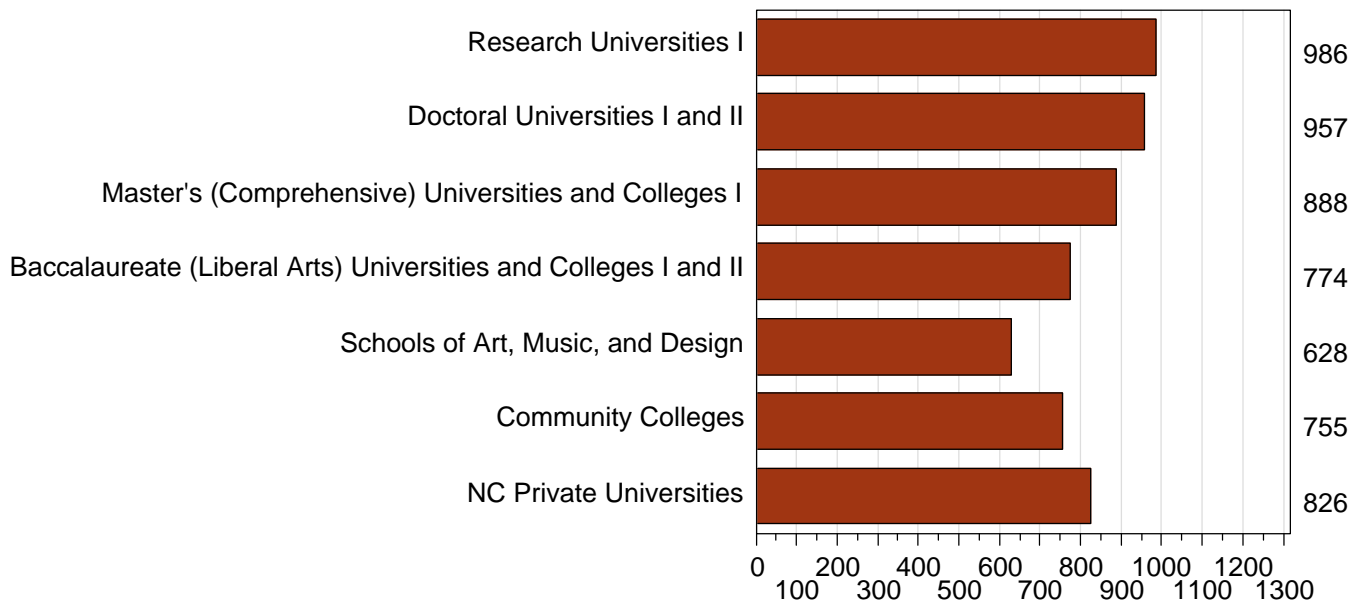


Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2016	2015	2014	2013	2012
Public Institutions									
Research Universities I									
NC State	229	14,342	63	248,019	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	19	19	18	18
Subtotal	600	33,823	56	591,469	17	18	17	17	17
Doctoral Universities I and II									
East Carolina	196	10,022	51	174,826	17	17	17	18	17
East Carolina Hlth Aff.	46	2,084	45	42,009	20	22	20	20	18
NC A&T	153	6,832	45	136,437	20	20	19	19	19
UNC Charlotte	233	13,390	57	239,950	18	18	18	18	17
UNC Greensboro	148	8,790	59	149,185	17	17	17	17	17
Subtotal	776	41,118	53	742,407	18	18	18	18	18
Master's (Comprehensive) Universities and Colleges I									
Appalachian	211	8,570	41	168,707	20	20	20	20	20
Fayetteville	65	2,593	40	52,642	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	172	7,946	46	209,842	26	20	20	20	20
Western Carolina	110	4,637	42	95,182	21	21	21	21	21
Winston-Salem	80	3,289	41	65,453	20	20	20	19	19
Subtotal	897	37,094	41	796,177	21	20	20	20	20
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	88	3,262	37	68,479	21	21	20	19	19
UNC Asheville	64	2,295	36	49,146	21	22	22	22	22
Subtotal	152	5,557	37	117,625	21	21	21	20	20
Schools of Art, Music, and Design									
UNC School of the Arts	47	1,122	24	29,520	26	24	25	25	26
Subtotal	47	1,122	24	29,520	26	24	25	25	26
Community Colleges									
Alamance	100	3,101	31	70,895	23	23	23	23	23
Asheville-Buncombe	135	4,261	32	113,474	27	26	26	26	26
Beaufort Co.	58	2,363	41	46,687	20	20	20	20	20
Bladen	37	969	26	22,254	23	23	22	23	23
Blue Ridge	83	2,159	26	65,501	30	31	31	31	31
Brunswick	84	2,074	25	63,658	31	30	24	24	24
Caldwell	113	3,302	29	92,336	28	28	28	28	28
Cape Fear	146	4,476	31	118,947	27	25	26	27	27
Carteret	64	1,494	23	42,088	28	28	28	28	28
Catawba Valley	96	2,860	30	74,636	26	26	26	25	26
Central Carolina	174	5,015	29	118,995	24	24	24	24	23
Central Piedmont	436	13,069	30	383,810	29	29	29	29	28
Cleveland	64	1,964	31	45,212	23	23	23	23	23
Coastal Carolina	103	3,076	30	75,380	25	25	23	21	21
Coll. of Albemarle	73	1,754	24	58,244	33	33	33	30	30
Craven	83	1,939	23	51,462	27	27	28	28	28
Davidson County	97	2,957	30	72,317	24	24	24	24	24
Durham	113	3,311	29	85,387	26	22	22	22	22
Edgecombe	75	1,886	25	38,479	20	20	20	20	20
Fayetteville	235	9,675	41	175,789	18	17	17	17	17
Forsyth	215	6,193	29	148,121	24	24	24	24	24
Gaston	138	4,621	33	108,142	23	23	23	23	23
Guilford	291	8,628	30	205,904	24	24	24	24	24
Halifax	48	1,309	27	38,016	29	29	29	29	29
Haywood	40	1,189	30	30,449	26	24	24	24	23
Isothermal	63	2,043	32	48,263	24	23	23	23	23
James Sprunt	42	1,016	24	30,975	30	31	24	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					
					2016	2015	2014	2013	2012	
Johnston	119	3,614	30	86,177	24	23	23	24	24	
Lenoir	101	2,823	28	71,978	25	25	25	25	26	
Martin	27	739	27	22,149	30	30	29	29	29	
Mayland	47	1,232	26	31,662	26	26	26	26	26	
McDowell	44	1,285	29	29,790	23	23	23	21	21	
Mitchell	95	2,800	29	63,744	23	23	23	23	23	
Montgomery	28	840	30	19,579	23	23	24	24	24	
Nash	91	2,728	30	68,319	25	25	24	24	24	
Pamlico	14	303	22	10,111	33	33	29	29	29	
Piedmont	52	1,297	25	36,087	28	28	28	28	28	
Pitt	96	3,182	33	78,819	25	25	25	25	25	
Randolph	97	2,682	28	65,056	24	24	24	24	23	
Richmond	48	1,642	34	36,265	22	22	21	21	21	
Roanoke-Chowan	31	782	25	17,759	23	21	21	20	20	
Robeson	44	1,274	29	32,688	26	26	26	25	25	
Rockingham	42	1,326	32	31,109	23	23	22	23	22	
Rowan-Cabarrus	151	4,202	28	111,360	27	25	24	24	24	
Sampson	42	1,382	33	31,401	23	23	23	23	23	
Sandhills	127	4,150	33	98,612	24	24	24	23	23	
South Piedmont	63	1,571	25	47,487	30	30	31	26	25	
Southeastern	57	2,133	37	45,179	21	22	22	22	21	
Southwestern	56	1,384	25	40,517	29	29	29	29	29	
Stanly	52	1,846	36	37,867	21	20	19	17	18	
Surry	119	3,486	29	94,472	27	27	26	26	26	
Tri-County	54	1,346	25	37,111	28	27	27	27	27	
Vance-Granville	63	2,018	32	46,162	23	23	23	23	23	
Wake	274	9,762	36	240,405	25	24	23	23	23	
Wayne	56	1,754	31	36,959	21	21	21	21	21	
Western Piedmont	59	2,065	35	58,836	28	28	28	31	31	
Wilkes	104	3,305	32	71,540	22	21	19	19	19	
Wilson	56	1,874	33	41,743	22	23	23	23	22	
Subtotal	5,515	167,531	30	4,166,364	25	24	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	22	22	22	22	
Pfeiffer	50	1,603	32	33,536	21	21	21	21	21	
Subtotal	273	11,217	41	225,564	20	20	20	20	20	
Grand Total	8,260	297,462	36	6,669,126	22	22	22	22	21	

TABLE 17:

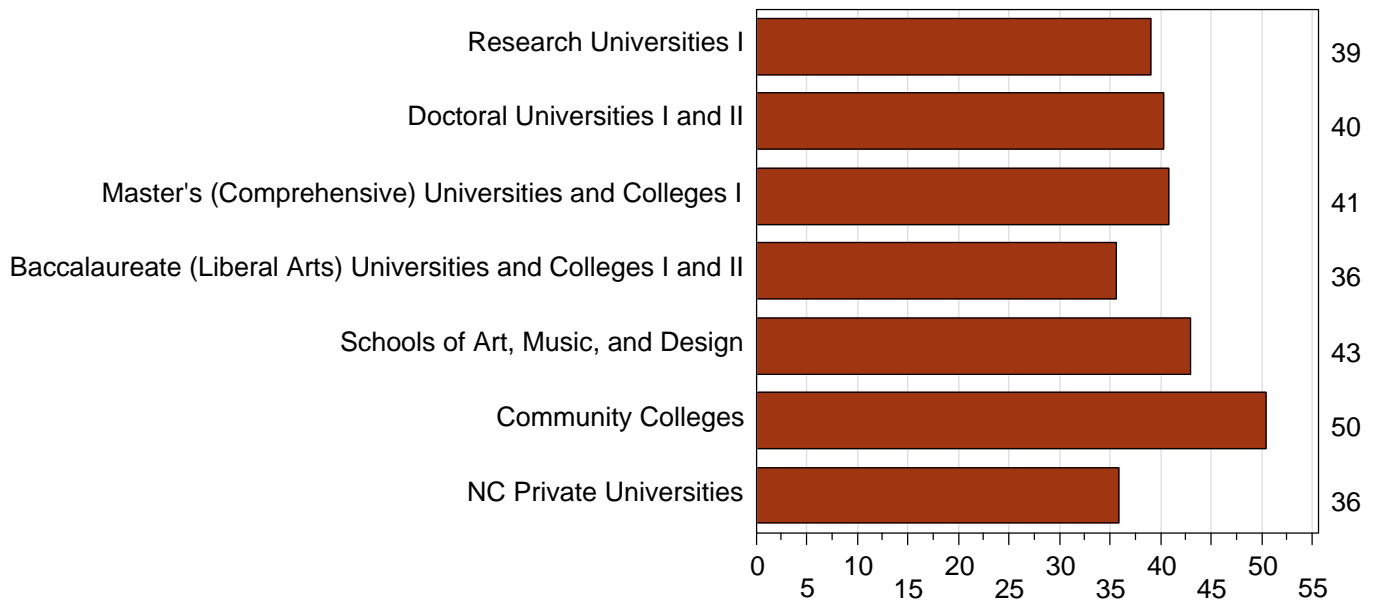
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

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 which 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 which 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

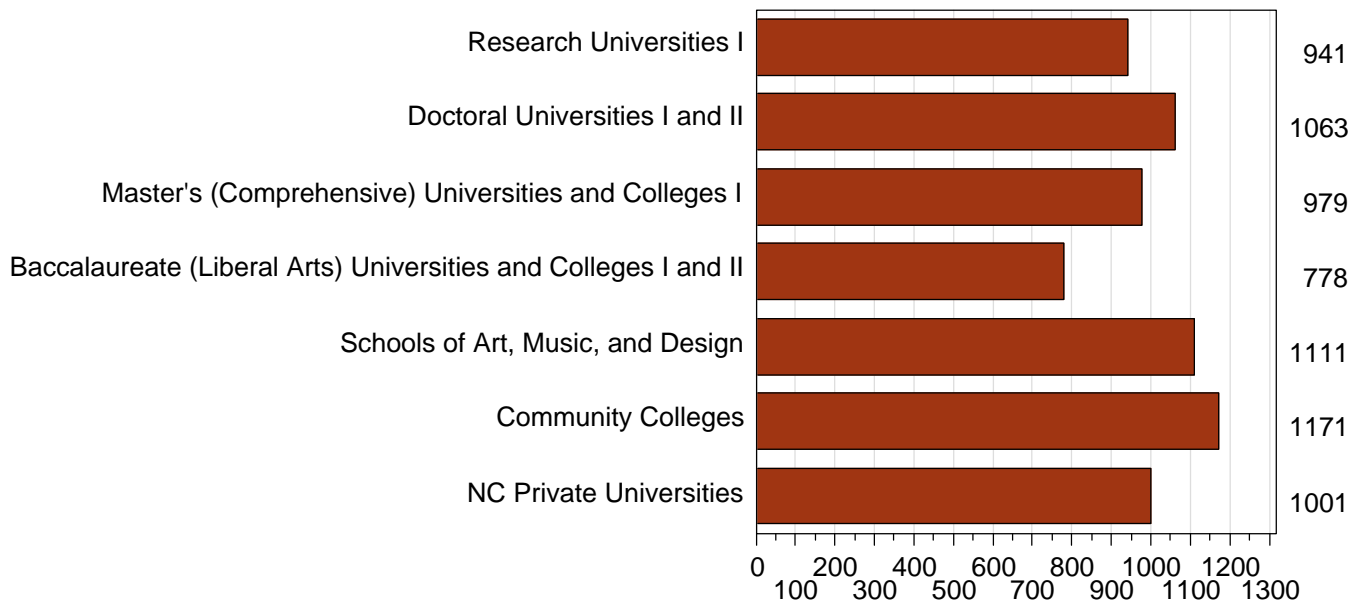


Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2016	2015	2014	2013	2012
Public Institutions									
Research Universities I									
NC State	247	6,461	26	267,043	41	41	41	42	43
NC State Veterinary Med	8	236	30	11,314	48	51	55	55	55
UNC-Chapel Hill	105	2,910	28	95,107	33	33	33	37	36
UNC-Chapel Hill Hlth Aff.	97	1,417	15	56,713	40	40	38	42	42
Subtotal	457	11,024	24	430,177	39	39	39	41	41
Doctoral Universities I and II									
East Carolina	168	4,405	26	160,493	36	38	37	38	38
East Carolina Hlth Aff.	58	926	16	39,318	42	42	40	45	39
NC A&T	84	2,119	25	83,755	40	40	40	39	37
UNC Charlotte	141	3,889	28	153,967	40	39	39	44	41
UNC Greensboro	76	2,547	34	122,473	48	48	48	48	46
Subtotal	527	13,886	26	560,006	40	41	40	42	40
Master's (Comprehensive) Universities and Colleges I									
Appalachian	129	2,899	22	126,420	44	44	44	44	45
Fayetteville	51	1,418	28	52,221	37	37	37	37	36
NC Central	65	1,387	21	59,580	43	43	42	42	42
UNC Pembroke	31	689	22	28,639	42	42	42	42	42
UNC Wilmington	97	2,429	25	91,953	38	38	39	39	39
Western Carolina	79	2,083	26	91,714	44	44	45	44	45
Winston-Salem	53	1,209	23	43,703	36	36	36	35	35
Subtotal	505	12,114	24	494,230	41	41	41	41	41
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	73	1,644	23	55,242	34	34	38	38	38
UNC Asheville	29	584	20	24,118	41	41	43	44	42
Subtotal	102	2,228	22	79,360	36	36	39	40	40
Schools of Art, Music, and Design									
UNC School of the Arts	73	1,885	26	81,096	43	50	51	52	50
Subtotal	73	1,885	26	81,096	43	50	51	52	50
Community Colleges									
Alamance	55	1,331	24	59,301	45	45	45	45	45
Asheville-Buncombe	139	3,587	26	166,939	47	47	48	48	49
Beaufort Co.	31	1,228	40	48,684	40	38	39	40	38
Bladen	27	635	24	31,013	49	49	50	53	57
Blue Ridge	61	1,283	21	90,096	70	71	72	72	72
Brunswick	15	373	25	19,262	52	52	56	56	56
Caldwell	66	1,464	22	85,355	58	59	52	54	54
Cape Fear	123	3,044	25	148,607	49	49	48	49	49
Carteret	45	1,024	23	52,898	52	52	52	52	52
Catawba Valley	93	1,935	21	95,497	49	49	49	50	50
Central Carolina	105	2,384	23	98,012	41	41	40	42	41
Central Piedmont	183	4,516	25	261,664	58	58	59	63	64
Cleveland	62	1,405	23	56,788	40	39	37	38	38
Coastal Carolina	55	1,418	26	58,503	41	41	41	45	46
Coll. of Albemarle	66	1,252	19	73,226	58	59	59	61	55
Craven	42	1,082	26	58,711	54	54	58	58	55
Davidson County	57	1,512	27	62,700	41	42	39	39	39
Durham	79	1,678	21	84,290	50	45	46	46	47
Edgecombe	63	1,327	21	58,372	44	47	47	48	48
Fayetteville	163	4,170	26	180,815	43	44	42	42	42
Forsyth	146	3,253	22	194,066	60	63	60	60	63
Gaston	65	1,720	26	82,669	48	47	43	43	43
Guilford	178	3,881	22	191,585	49	50	50	49	49
Halifax	27	586	22	35,572	61	61	61	61	61
Haywood	64	1,140	18	73,416	64	55	57	58	59
Isothermal	46	993	22	48,729	49	49	49	49	49
James Sprunt	25	362	14	25,998	72	61	41	41	40

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					
					2016	2015	2014	2013	2012	
Johnston	46	1,173	26	58,883	50	50	50	49	49	
Lenoir	68	1,697	25	74,447	44	44	44	44	47	
Martin	25	578	23	32,022	55	55	55	55	55	
Mayland	23	454	20	27,013	60	60	51	52	53	
McDowell	28	758	27	51,362	68	68	68	49	49	
Mitchell	36	887	25	42,088	47	46	46	46	46	
Montgomery	18	382	21	18,584	49	51	56	56	48	
Nash	42	922	22	43,969	48	48	49	50	50	
Pamlico	17	314	18	13,221	42	42	41	41	41	
Piedmont	28	772	28	29,971	39	39	39	39	39	
Pitt	101	1,788	18	118,716	66	68	69	68	67	
Randolph	50	1,177	24	75,645	64	63	64	62	64	
Richmond	39	878	23	39,604	45	45	45	47	50	
Roanoke-Chowan	22	451	21	24,080	53	48	49	49	49	
Robeson	49	1,128	23	56,133	50	50	50	48	48	
Rockingham	44	872	20	59,905	69	62	55	53	50	
Rowan-Cabarrus	44	1,054	24	61,664	59	55	55	55	55	
Sampson	26	585	23	34,582	59	59	59	59	59	
Sandhills	59	1,284	22	59,636	46	45	43	43	42	
South Piedmont	36	857	24	37,136	43	43	43	43	43	
Southeastern	32	854	27	33,132	39	38	38	38	38	
Southwestern	49	783	16	44,787	57	57	56	56	56	
Stanly	23	804	35	26,847	33	34	30	33	33	
Surry	48	1,240	26	68,225	55	55	60	60	51	
Tri-County	28	586	21	29,361	50	53	54	54	54	
Vance-Granville	66	1,774	27	69,917	39	39	40	39	43	
Wake	214	4,673	22	233,707	50	51	51	52	51	
Wayne	59	1,555	26	67,918	44	44	44	38	39	
Western Piedmont	46	938	20	45,950	49	49	49	49	50	
Wilkes	43	1,143	27	67,486	59	59	54	43	43	
Wilson	29	700	24	32,325	46	46	47	46	48	
Subtotal	3,519	81,644	23	4,121,084	50	50	50	49	50	
Private Institutions										
NC Private Universities										
Barton	20	475	24	17,122	36	36	36	36	36	
Campbell	40	1,431	36	45,564	32	28	28	28	31	
Mars Hill	29	762	26	29,810	39	39	39	39	41	
Pfeiffer	22	426	19	18,599	44	44	44	44	44	
Subtotal	111	3,094	28	111,095	36	34	34	34	37	
Grand Total	5,294	125,875	24	5,877,048	47	47	46	47	47	

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Tracey F. Smith Hall of Nursing & Health Sciences, Campbell University

The Tracey F. Smith Hall of Nursing & Health Sciences is the new home of the Nursing, Physical Therapy, and Physician Assistant programs at Campbell University. The 72,000 square-foot, \$22 million dollar building includes 4 floors, 60 offices, 4 large classrooms, 12 small group study spaces, 10 objective structured clinical examination (OSCE) rooms, 8 major laboratory spaces including a neuro-pediatric lab, physical therapy reintegration lab, and exercise lab, and 7,000 square feet dedicated to research. The facility was designed to enable students to engage in collaborative learning and team building. It is the second building on Campbell University’s Health Sciences campus joining the Leon Levine Hall of Medical Sciences. Campbell University’s goal is to become a leader in inter-professional health care education and this new building is another step towards attaining that objective. Once fully up and running, the building will house over 320 students.

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 which 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 because of 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 ***	13,266,408	81.1	2,645,364	16.2	782	0.0	279,816	1.7	159,350	1.0	15,540	0.1	16,367,260
NC State Veterinary Med	862,068	100.0	-	-	-	-	-	-	-	-	-	-	862,068
UNC-Chapel Hill ***	13,119,561	98.2	-	-	68,760	0.5	137,539	1.0	12,549	0.1	20,817	0.2	13,359,226
UNC-Chapel Hill Health Aff.**	5,783,066	86.1	537,875	8.0	128,275	1.9	271,157	4.0	-	-	-	-	6,720,373
Subtotal	33,031,103	88.5	3,183,239	8.5	197,817	0.5	688,512	1.8	171,899	0.5	36,357	0.1	37,308,927
Doctoral Universities I and II													
East Carolina	4,940,406	96.0	-	-	1,806	0.0	80,890	1.6	26,090	0.5	95,460	1.9	5,144,652
East Carolina Hlth Aff.	1,607,069	83.6	-	-	-	-	266,691	13.9	6,761	0.4	41,356	2.2	1,921,877
NC A&T	3,107,680	95.5	-	-	-	-	54,007	1.7	-	-	92,337	2.8	3,254,024
UNC Charlotte	5,050,511	53.6	4,234,703	44.9	137,999	1.5	-	-	-	-	-	-	9,423,213
UNC-Greensboro**	6,389,527	99.4	-	-	1,657	0.0	11,217	0.2	10,052	0.2	17,474	0.3	6,429,927
Subtotal	21,095,193	80.6	4,234,703	16.2	141,462	0.5	412,805	1.6	42,903	0.2	246,627	0.9	26,173,693
Master's (Comprehensive) Universities and Colleges I													
Appalachian	3,134,433	65.8	1,621,026	34.0	-	-	7,010	0.1	-	-	-	-	4,762,469
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	1,332,421	84.6	-	-	89,078	5.7	153,015	9.7	-	-	-	-	1,574,514
UNC Wilmington	2,829,492	72.2	325,288	8.3	738,804	18.9	23,456	0.6	-	-	-	-	3,917,040
Western Carolina	2,162,569	65.7	673,451	20.5	431,581	13.1	24,975	0.8	-	-	-	-	3,292,576
Winston-Salem	1,243,249	64.0	184,308	9.5	441,407	22.7	74,668	3.8	-	-	-	-	1,943,632
Subtotal	14,082,506	73.2	3,181,939	16.5	1,700,870	8.8	283,124	1.5	-	-	-	-	19,248,439
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	1,152,083	84.4	66,576	4.9	145,678	10.7	-	-	-	-	-	-	1,364,337
UNC Asheville	1,243,379	80.4	302,772	19.6	-	-	-	-	-	-	-	-	1,546,151
Subtotal	2,395,462	82.3	369,348	12.7	145,678	5.0	-	-	-	-	-	-	2,910,488
Schools of Art, Music, and Design													
UNC School of the Arts	991,132	83.4	102,782	8.6	80,440	6.8	2,760	0.2	11,053	0.9	850	0.1	1,189,017
Subtotal	991,132	83.4	102,782	8.6	80,440	6.8	2,760	0.2	11,053	0.9	850	0.1	1,189,017
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	347,664	88.4	-	-	-	-	45,648	11.6	-	-	-	-	393,312
Asheville-Buncombe	1,079,108	98.4	-	-	-	-	-	-	18,000	1.6	-	-	1,097,108
Beaufort Co.	272,813	100.0	-	-	-	-	-	-	-	-	-	-	272,813
Bladen	148,592	98.3	-	-	-	-	2,520	1.7	-	-	-	-	151,112
Blue Ridge	434,415	100.0	-	-	-	-	-	-	-	-	-	-	434,415
Brunswick	389,136	100.0	-	-	-	-	-	-	-	-	-	-	389,136
Caldwell	526,311	100.0	-	-	-	-	-	-	-	-	-	-	526,311
Cape Fear	1,738,813	99.9	-	-	-	-	2,600	0.1	-	-	-	-	1,741,413
Carteret**	217,402	90.7	-	-	-	-	11,076	4.6	-	-	11,150	4.7	239,628
Catawba Valley	495,460	85.6	63,788	11.0	-	-	-	-	19,625	3.4	-	-	578,873
Central Carolina	441,082	76.2	-	-	-	-	-	-	138,096	23.8	-	-	579,178
Central Piedmont	3,280,045	97.2	-	-	-	-	95,086	2.8	-	-	-	-	3,375,131
Cleveland	293,295	96.1	-	-	-	-	-	-	12,000	3.9	-	-	305,295
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	96.6	-	-	-	-	17,542	3.4	-	-	-	-	510,737
Edgecombe	296,339	98.8	-	-	-	-	3,654	1.2	-	-	-	-	299,993
Fayetteville*	917,586	88.5	-	-	-	-	86,748	8.4	5,690	0.5	26,402	2.5	1,036,426
Forsyth	1,027,829	93.7	-	-	-	-	24,000	2.2	45,073	4.1	-	-	1,096,902
Gaston	646,608	90.5	-	-	-	-	67,959	9.5	-	-	-	-	714,567

* 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	373,685	100.0	-	-	-	-	-	-	-	-	-	-	373,685
Isothermal	302,105	84.7	-	-	-	-	54,422	15.3	-	-	-	-	356,527
James Sprunt	167,277	94.7	-	-	-	-	4,329	2.5	5,000	2.8	-	-	176,606
Johnston	389,981	84.5	-	-	-	-	31,764	6.9	39,773	8.6	-	-	461,518
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	99.4	-	-	-	-	-	-	-	-	768	0.6	130,410
Nash	342,026	99.7	-	-	-	-	864	0.3	-	-	-	-	342,890
Pamlico	86,035	100.0	-	-	-	-	-	-	-	-	-	-	86,035
Piedmont	182,713	99.1	-	-	-	-	1,750	0.9	-	-	-	-	184,463
Pitt	601,060	100.0	-	-	-	-	-	-	-	-	-	-	601,060
Randolph	396,199	98.6	-	-	-	-	5,475	1.4	-	-	-	-	401,674
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	445,462	75.3	66,840	11.3	-	-	35,751	6.0	43,710	7.4	-	-	591,763
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	290,588	100.0	-	-	-	-	-	-	-	-	-	-	290,588
Stanly	190,891	82.4	-	-	-	-	11,920	5.1	-	-	28,875	12.5	231,686
Surry	386,062	82.0	-	-	-	-	-	-	84,593	18.0	-	-	470,655
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	2,056,845	92.6	-	-	-	-	131,197	5.9	32,150	1.4	-	-	2,220,192
Wayne	390,816	81.1	-	-	-	-	-	-	90,861	18.9	-	-	481,677
Western Piedmont	306,392	76.8	-	-	-	-	-	-	92,382	23.2	-	-	398,774
Wilkes	473,446	97.0	-	-	-	-	14,737	3.0	-	-	-	-	488,183
Wilson	206,079	98.5	-	-	-	-	-	-	3,240	1.5	-	-	209,319
Subtotal	28,643,746	94.2	130,628	0.4	8,379	0.0	760,998	2.5	790,744	2.6	74,300	0.2	30,408,795
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	80.4	108,010	19.6	-	-	-	-	-	-	-	-	549,816
Subtotal	3,544,496	97.0	108,010	3.0	-	-	-	-	-	-	-	-	3,652,506
Grand Total	106,218,35	86.1	11,310,649	9.2	2,274,646	1.8	2,206,014	1.8	1,016,599	0.8	364,855	0.3	123,391,114

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* Other is Category 6

**Other is Category 7

***Other is Category 8

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

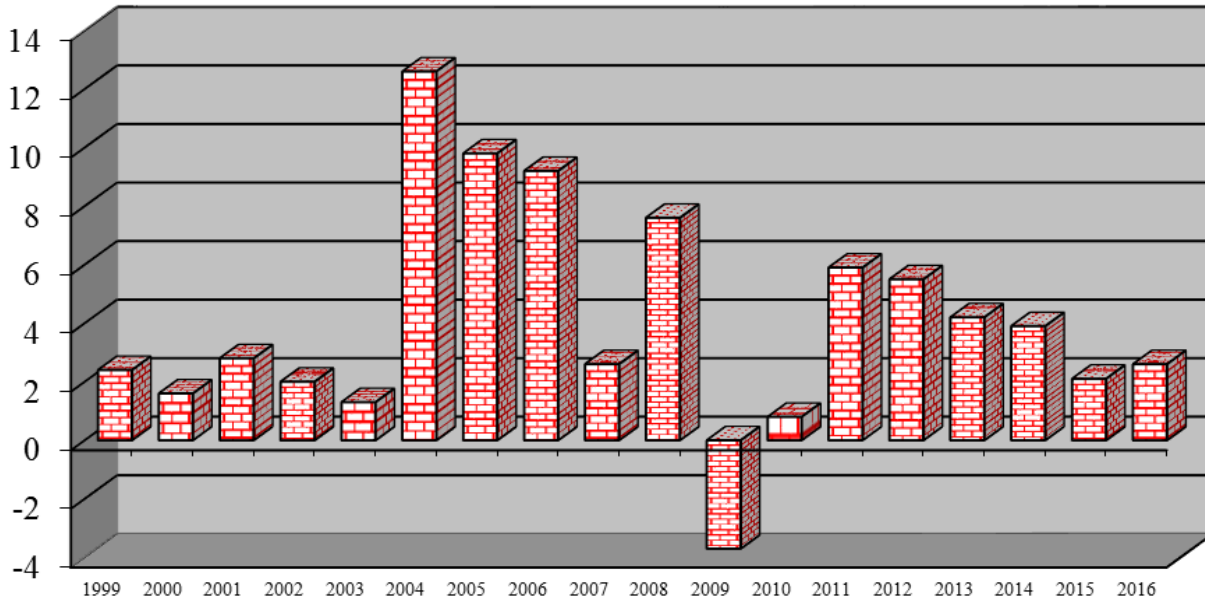
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

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 which 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 which 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 2016 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>
1999	2.4%	2005	9.8%	2011	5.9%
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%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which 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	1,025	\$992,131,985	\$3,914,820,482	13,289,558	106	\$219,793,606	\$659,696,515	3,077,702
NC State Veterinary Med	42	\$105,808,889	\$311,788,433	862,068	-	-	-	-
UNC-Chapel Hill	341	\$1,303,066,475	\$3,197,168,868	10,235,057	50	\$184,779,401	\$544,397,407	3,124,169
UNC-Chapel Hill Hlth Aff.	111	\$825,097,723	\$1,941,213,309	6,720,025	1	\$8,820	\$48,754	348
Subtotal	1,519	\$3,226,105,072	\$9,364,991,092	31,106,708	157	\$404,581,827	\$1,204,142,676	6,202,219
Doctoral Universities I and II								
East Carolina	153	\$293,518,410	\$1,175,778,179	3,847,892	17	\$103,332,000	\$285,129,467	1,296,760
East Carolina Hlth Aff.	74	\$284,239,565	\$592,148,049	1,921,877	-	-	-	-
NC A&T	107	\$200,908,077	\$817,333,609	2,666,397	14	\$29,173,424	\$139,373,794	587,627
UNC Charlotte	86	\$770,712,424	\$1,501,787,658	7,413,342	29	\$243,307,478	\$392,924,558	2,009,871
UNC Greensboro	95	\$368,022,935	\$1,765,428,909	4,445,174	29	\$131,831,828	\$720,642,014	1,984,753
Subtotal	515	\$1,917,401,411	\$5,852,476,404	20,294,682	89	\$507,644,730	\$1,538,069,833	5,879,011
Master's (Comprehensive) Universities and Colleges I								
Appalachian	70	\$389,616,135	\$924,401,180	3,538,103	21	\$67,985,565	\$217,818,927	1,224,366
Fayetteville	43	\$111,027,269	\$254,140,226	1,124,666	9	\$27,407,381	\$61,384,592	352,044
NC Central	51	\$174,078,332	\$605,274,363	1,555,538	15	\$61,358,438	\$206,560,749	725,960
UNC Pembroke	41	\$120,124,836	\$306,941,801	1,086,159	12	\$39,709,198	\$94,129,931	488,355
UNC Wilmington	101	\$330,655,318	\$622,165,393	2,631,738	53	\$140,800,826	\$247,437,117	1,285,302
Western Carolina	69	\$167,734,849	\$454,122,509	2,085,462	38	\$124,372,555	\$246,424,856	1,207,114
Winston-Salem	39	\$109,328,279	\$276,992,644	1,235,340	15	\$68,580,235	\$130,880,230	708,292
Subtotal	414	\$1,402,565,018	\$3,444,038,116	13,257,006	163	\$530,214,198	\$1,204,636,402	5,991,433
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	40	\$86,461,915	\$249,827,884	889,303	20	\$36,769,582	\$76,166,033	475,034
UNC Asheville	26	\$134,338,464	\$380,227,241	1,128,172	12	\$53,375,293	\$131,639,196	417,979
Subtotal	66	\$220,800,379	\$630,055,125	2,017,475	32	\$90,144,875	\$207,805,229	893,013
Schools of Art, Music, and Design								
UNC School of the Arts	46	\$97,021,127	\$232,205,953	968,935	19	\$10,995,657	\$33,303,269	220,082
Subtotal	46	\$97,021,127	\$232,205,953	968,935	19	\$10,995,657	\$33,303,269	220,082
Teaching Hospitals								
UNC Hospitals	30	\$456,844,106	\$959,003,754	2,499,249	-	-	-	-
Subtotal	30	\$456,844,106	\$959,003,754	2,499,249	-	-	-	-
Community Colleges								
Alamance	14	\$28,867,715	\$170,592,868	393,312	-	-	-	-
Asheville-Buncombe	26	\$163,306,462	\$275,100,280	1,097,108	-	-	-	-
Beaufort Co.	18	\$22,960,710	\$48,826,585	272,813	-	-	-	-
Bladen	24	\$8,691,862	\$25,340,999	151,112	-	-	-	-
Blue Ridge	16	\$65,819,169	\$106,248,428	434,415	-	-	-	-
Brunswick	19	\$43,667,103	\$77,345,765	389,136	-	-	-	-
Caldwell	24	\$47,430,580	\$107,204,523	526,311	-	-	-	-
Cape Fear	33	\$224,679,800	\$336,129,873	1,736,020	1	\$423,000	\$8,528,530	5,393
Carteret	18	\$17,478,813	\$49,207,023	239,628	-	-	-	-
Catawba Valley	18	\$34,675,639	\$95,547,648	578,873	-	-	-	-
Central Carolina	37	\$39,657,295	\$106,542,896	579,178	-	-	-	-
Central Piedmont	57	\$347,256,913	\$664,215,205	3,375,131	-	-	-	-
Cleveland	14	\$22,983,131	\$74,949,419	305,295	-	-	-	-
Coastal Carolina	18	\$32,742,443	\$76,247,181	360,644	-	-	-	-
Coll. of Albemarle	24	\$28,161,752	\$163,665,346	399,648	-	-	-	-
Craven	15	\$31,819,139	\$80,594,089	316,445	-	-	-	-
Davidson County	31	\$27,654,793	\$99,473,050	466,105	-	-	-	-
Durham	18	\$34,355,718	\$100,428,293	510,737	-	-	-	-
Edgecombe	15	\$32,264,669	\$61,197,777	299,993	-	-	-	-
Fayetteville	40	\$72,202,854	\$167,376,893	1,036,426	-	-	-	-
Forsyth	34	\$88,139,943	\$187,924,619	1,096,902	-	-	-	-
Gaston	28	\$88,906,476	\$182,953,193	714,567	-	-	-	-
Guilford	59	\$160,445,006	\$412,843,457	1,898,276	-	-	-	-
Halifax	16	\$17,710,747	\$42,464,712	275,321	-	-	-	-
Haywood	27	\$38,377,809	\$97,487,084	373,685	-	-	-	-
Isothermal	24	\$22,032,786	\$67,591,529	356,527	-	-	-	-

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	\$29,695,745	176,606	-	-	-	-
Johnston	23	\$37,414,972	\$91,643,410	459,738	1	\$40,000	\$85,238	1,780
Lenoir	29	\$25,869,008	\$80,880,356	436,600	-	-	-	-
Martin	11	\$4,861,226	\$24,106,595	228,135	-	-	-	-
Mayland	18	\$14,341,346	\$35,237,102	250,092	-	-	-	-
McDowell	11	\$10,404,072	\$39,056,240	205,440	-	-	-	-
Mitchell	26	\$19,772,528	\$61,221,292	370,582	-	-	-	-
Montgomery	8	\$8,850,023	\$22,280,816	130,410	-	-	-	-
Nash	12	\$34,321,812	\$60,454,022	342,890	-	-	-	-
Pamlico	9	\$8,017,519	\$18,476,500	86,035	-	-	-	-
Piedmont	20	\$12,715,560	\$33,175,397	184,463	-	-	-	-
Pitt	28	\$62,826,564	\$115,239,150	601,060	-	-	-	-
Randolph	31	\$28,352,168	\$65,184,463	401,674	-	-	-	-
Richmond	10	\$23,877,083	\$54,125,052	244,209	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$30,322,055	167,421	-	-	-	-
Robeson	20	\$21,781,650	\$53,840,061	279,660	-	-	-	-
Rockingham	17	\$15,264,868	\$55,631,532	332,733	-	-	-	-
Rowan-Cabarrus	23	\$56,894,030	\$117,715,663	591,763	-	-	-	-
Sampson	14	\$16,606,673	\$37,864,300	199,414	-	-	-	-
Sandhills	29	\$49,475,501	\$103,659,285	510,514	1	\$52,000	\$1,136,467	5,345
South Piedmont	19	\$14,370,493	\$70,014,307	404,558	-	-	-	-
Southeastern	23	\$14,862,069	\$56,013,701	247,000	-	-	-	-
Southwestern	14	\$26,001,951	\$54,788,206	290,588	-	-	-	-
Stanly	15	\$12,860,020	\$46,264,981	231,686	-	-	-	-
Surry	24	\$27,967,296	\$81,223,129	470,655	-	-	-	-
Tri-County	22	\$9,264,907	\$28,886,460	164,389	-	-	-	-
Vance-Granville	22	\$31,600,629	\$81,660,038	406,209	-	-	-	-
Wake	40	\$215,812,119	\$337,059,478	2,220,192	-	-	-	-
Wayne	20	\$36,345,550	\$88,439,909	481,677	-	-	-	-
Western Piedmont	33	\$16,937,679	\$65,043,727	398,774	-	-	-	-
Wilkes	27	\$33,670,419	\$80,303,342	488,183	-	-	-	-
Wilson	15	\$10,922,905	\$38,207,449	209,319	-	-	-	-
Subtotal	1,301	\$2,664,501,470	\$6,035,212,498	30,396,277	3	\$515,000	\$9,750,235	12,518
Private Institutions								
NC Private Universities								
Barton	24	\$46,796,593	\$97,362,930	333,933	7	\$6,425,757	\$28,383,431	161,233
Campbell	57	\$153,544,548	\$266,247,308	1,123,418	77	\$38,044,510	\$108,526,243	607,664
Mars Hill	28	\$45,145,100	\$124,028,158	625,611	16	\$8,299,780	\$42,447,848	250,831
Pfeiffer	25	\$13,802,559	\$68,491,617	373,243	21	\$3,063,738	\$25,659,228	176,573
Subtotal	134	\$259,288,800	\$556,130,012	2,456,205	121	\$55,833,785	\$205,016,751	1,196,301
Grand Total	4,025	\$10,244,527,383	\$27,074,112,954	102,996,536	584	\$1,599,930,072	\$4,402,724,395	20,394,578

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

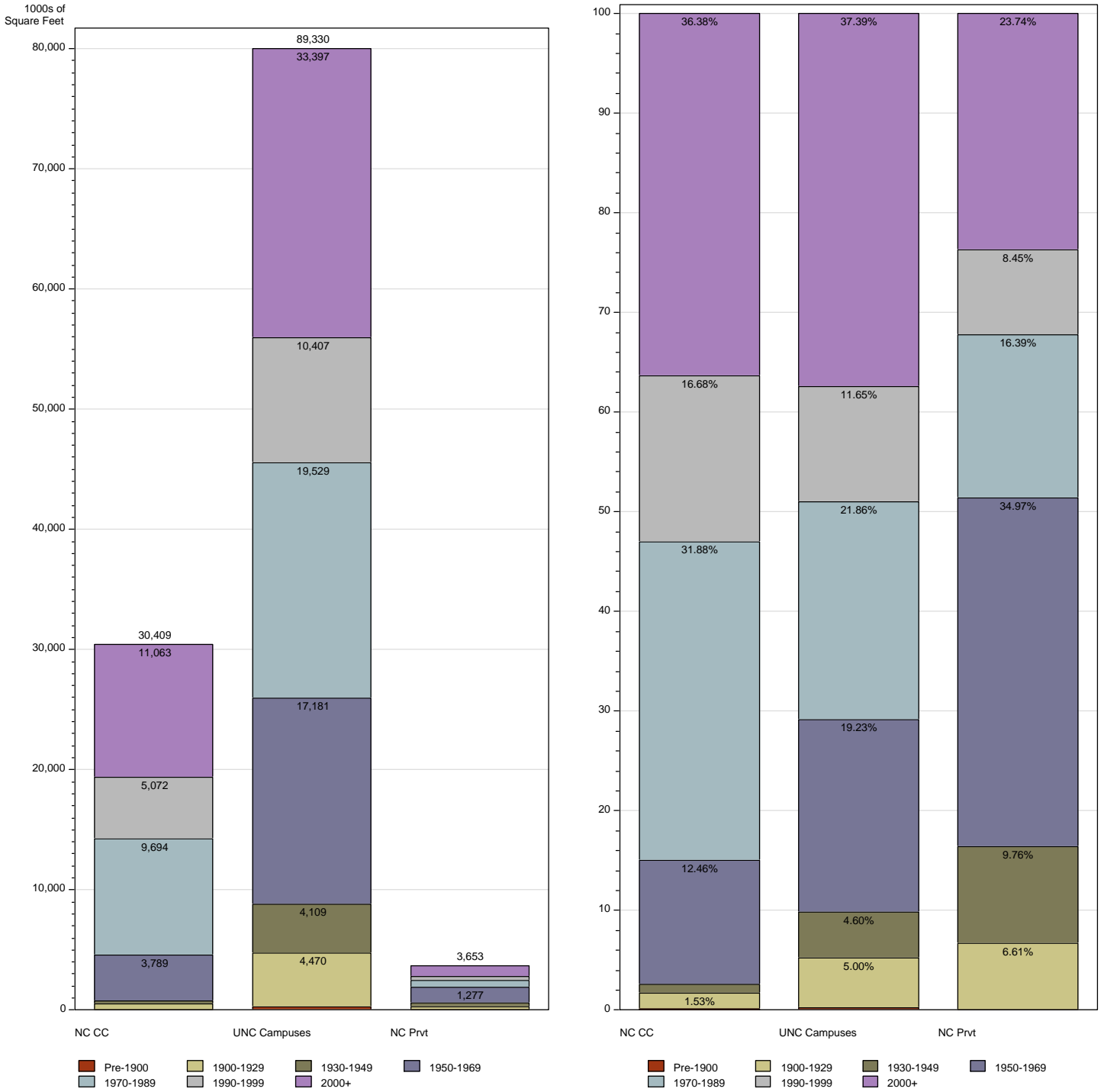


Table 21. Age of Buildings

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	16,367,260	62,317	1,003,238	1,307,535	3,463,027	3,376,755	2,097,574	5,056,814
NC State Veterinary Med	862,068	-	-	30,615	19,706	375,334	10,341	426,072
UNC-Chapel Hill	13,359,226	135,326	1,346,694	923,263	2,651,995	2,236,821	1,254,136	4,810,991
UNC-Chapel Hill Hlth Aff.	6,720,373	-	-	130,069	878,620	1,699,764	1,209,841	2,802,079
Subtotal	37,308,927	197,643	2,349,932	2,391,482	7,013,348	7,688,674	4,571,892	13,095,956
Doctoral Universities I and II								
East Carolina	5,144,652	-	653,917	207,014	2,066,154	932,438	280,810	1,004,319
East Carolina Hlth Aff.	1,921,877	1,275	10,443	-	40,996	597,315	231,914	1,039,934
NC A&T	3,254,024	-	83,209	215,322	902,092	738,737	218,657	1,096,007
UNC Charlotte	9,423,213	-	-	-	499,298	2,072,026	1,495,617	5,356,272
UNC Greensboro	6,429,927	35,417	861,354	261,762	1,109,260	1,122,641	959,609	2,079,884
Subtotal	26,173,693	36,692	1,608,923	684,098	4,617,800	5,463,157	3,186,607	10,576,416
Master's (Comprehensive) Universities and Colleges I								
Appalachian	4,762,469	-	7,010	239,074	1,361,688	964,174	499,186	1,691,337
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	1,574,514	-	-	16,408	399,815	442,015	59,142	657,134
UNC Wilmington	3,917,040	-	33,652	-	247,536	1,283,894	254,483	2,097,475
Western Carolina	3,292,576	2,563	56,107	196,152	885,958	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	19,248,439	2,563	231,265	848,512	4,170,832	5,085,848	1,591,164	7,318,255
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,364,337	-	92,594	57,955	255,429	338,320	108,377	511,662
UNC Asheville	1,546,151	-	-	-	330,789	224,949	436,492	553,921
Subtotal	2,910,488	-	92,594	57,955	586,218	563,269	544,869	1,065,583
Schools of Art, Music, and Design								
UNC School of the Arts	1,189,017	-	186,898	75,854	223,072	198,448	98,095	406,650
Subtotal	1,189,017	-	186,898	75,854	223,072	198,448	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	393,312	-	-	-	-	192,616	51,209	149,487
Asheville-Buncombe	1,097,108	10,161	3,785	-	208,158	270,790	148,395	455,819
Beaufort Co.	272,813	-	-	-	-	128,628	49,928	94,257
Bladen	151,112	-	-	2,520	-	100,367	23,114	25,111
Blue Ridge	434,415	-	-	-	-	146,613	132,770	155,032
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	1,741,413	-	-	-	55,615	171,274	214,475	1,300,049
Carteret	239,628	-	2,747	-	11,297	76,954	42,339	106,291
Catawba Valley	578,873	-	-	-	90,794	247,099	63,788	177,192
Central Carolina	579,178	-	23,387	15,785	76,680	108,306	147,387	207,633
Central Piedmont	3,375,131	-	105,483	27,691	218,622	850,475	601,962	1,570,898
Cleveland	305,295	-	-	-	-	190,666	45,260	69,369
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	510,737	-	-	-	163,189	140,578	89,912	117,058
Edgecombe	299,993	1,425	20,863	-	-	119,135	28,420	130,150
Fayetteville	1,036,426	-	-	3,905	288,971	217,664	245,829	280,057
Forsyth	1,096,902	-	-	-	193,809	339,564	213,495	350,034
Gaston	714,567	-	63,927	64,000	153,100	140,357	79,354	213,829
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	373,685	-	-	-	11,300	183,694	80,037	98,654
Isothermal	356,527	-	3,119	-	58,484	164,503	61,000	69,421
James Sprunt	176,606	-	-	-	23,045	97,270	28,000	28,291
Johnston	461,518	-	-	-	4,948	212,448	91,949	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	130,410	-	-	-	600	73,986	49,446	6,378
Nash	342,890	-	-	-	-	159,932	57,099	125,859
Pamlico	86,035	-	-	-	-	40,957	8,932	36,146
Piedmont	184,463	-	-	-	-	136,734	8,705	39,024
Pitt	601,060	-	-	-	75,365	91,705	114,221	319,769
Randolph	401,674	-	-	-	43,991	188,850	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	591,763	-	-	30,751	127,321	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	290,588	-	-	-	26,450	167,996	30,640	65,502
Stanly	231,686	-	28,875	-	21,381	86,475	46,016	48,939
Surry	470,655	-	-	-	88,195	169,885	67,162	145,413
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	2,220,192	-	-	-	92,808	384,622	233,204	1,509,558
Wayne	481,677	-	-	-	78,715	192,606	145,037	65,319
Western Piedmont	398,774	-	-	52,182	140,716	122,397	39,030	44,449
Wilkes	488,183	-	-	-	113,335	168,997	49,303	156,548
Wilson	209,319	-	-	-	90,580	86,103	10,170	22,466
Subtotal	30,408,795	42,310	466,429	282,215	3,788,590	9,694,039	5,072,051	11,063,161
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	549,816	-	1,288	170,004	272,815	46,152	1,426	58,131
Subtotal	3,652,506	3,000	241,368	356,453	1,277,374	598,684	308,483	867,144
Grand Total	123,391,114	282,208	5,177,409	4,747,825	22,247,229	29,821,698	15,787,527	45,327,218

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 costs of new construction 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. **For 2016, 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. (c) The total cost of renovation of the required renovations is over \$2.5 million dollars. These buildings were targeted as priority projects for funding from the repair and renovation allocation. Table 22a now reflects this targeted approach for funding immediate repair needs based on a two year needs model rather than a six year needs model.** 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, because 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 unsafeness 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	7,615,827	46.5	4,875,379	29.8	2,497,237	15.3	1,290,100	7.9	88,717	0.5	-	-	16,367,260
NC State Veterinary Med	800,001	92.8	39,965	4.6	18,684	2.2	3,418	0.4	-	-	-	-	862,068
UNC-Chapel Hill	10,282,451	77.0	2,169,991	16.2	687,767	5.1	120,949	0.9	98,068	0.7	-	-	13,359,226
UNC-Chapel Hill Hlth Aff.	4,570,123	68.0	1,323,291	19.7	825,114	12.3	1,845	0.0	-	-	-	-	6,720,373
Subtotal	23,268,402	62.4	8,408,626	22.5	4,028,802	10.8	1,416,312	3.8	186,785	0.5	-	-	37,308,927
Doctoral Universities I and II													
East Carolina	1,721,095	33.5	966,989	18.8	502,127	9.8	1,954,294	38.0	-	-	147	0.0	5,144,652
East Carolina Hlth Aff.	1,291,675	67.2	129,270	6.7	492,126	25.6	8,806	0.5	-	-	-	-	1,921,877
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	8,058,336	85.5	664,584	7.1	696,059	7.4	4,234	0.0	-	-	-	-	9,423,213
UNC Greensboro	4,827,545	75.1	929,378	14.5	363,844	5.7	304,554	4.7	4,606	0.1	-	-	6,429,927
Subtotal	17,650,617	67.4	2,820,415	10.8	2,485,507	9.5	3,212,401	12.3	4,606	0.0	147	0.0	26,173,693
Master's (Comprehensive) Universities and Colleges I													
Appalachian	4,333,998	91.0	254,831	5.4	133,000	2.8	40,640	0.9	-	-	-	-	4,762,469
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	1,574,514	100.0	-	-	-	-	-	-	-	-	-	-	1,574,514
UNC Wilmington	3,881,893	99.1	5,066	0.1	-	-	30,081	0.8	-	-	-	-	3,917,040
Western Carolina	2,099,054	63.8	1,021,286	31.0	137,422	4.2	34,814	1.1	-	-	-	-	3,292,576
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	16,360,145	85.0	2,045,495	10.6	539,898	2.8	262,399	1.4	40,502	0.2	-	-	19,248,439
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	925,379	67.8	335,441	24.6	85,417	6.3	18,100	1.3	-	-	-	-	1,364,337
UNC Asheville	375,239	24.3	517,796	33.5	230,278	14.9	422,838	27.3	-	-	-	-	1,546,151
Subtotal	1,300,618	44.7	853,237	29.3	315,695	10.8	440,938	15.1	-	-	-	-	2,910,488
Schools of Art, Music, and Design													
UNC School of the Arts	910,404	76.6	212,096	17.8	10,605	0.9	55,912	4.7	-	-	-	-	1,189,017
Subtotal	910,404	76.6	212,096	17.8	10,605	0.9	55,912	4.7	-	-	-	-	1,189,017
Teaching Hospitals													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Subtotal	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Community Colleges													
Alamance	393,312	100.0	-	-	-	-	-	-	-	-	-	-	393,312
Asheville-Buncombe	903,758	82.4	147,275	13.4	-	-	-	-	46,075	4.2	-	-	1,097,108
Beaufort Co.	272,813	100.0	-	-	-	-	-	-	-	-	-	-	272,813
Bladen	148,172	98.1	420	0.3	-	-	2,520	1.7	-	-	-	-	151,112
Blue Ridge	434,415	100.0	-	-	-	-	-	-	-	-	-	-	434,415
Brunswick	368,822	94.8	-	-	20,314	5.2	-	-	-	-	-	-	389,136
Caldwell	526,311	100.0	-	-	-	-	-	-	-	-	-	-	526,311
Cape Fear	1,549,899	89.0	158,540	9.1	7,965	0.5	25,009	1.4	-	-	-	-	1,741,413
Carteret	225,584	94.1	-	-	5,197	2.2	8,847	3.7	-	-	-	-	239,628
Catawba Valley	578,873	100.0	-	-	-	-	-	-	-	-	-	-	578,873
Central Carolina	579,178	100.0	-	-	-	-	-	-	-	-	-	-	579,178
Central Piedmont	2,060,062	61.0	960,989	28.5	226,025	6.7	128,055	3.8	-	-	-	-	3,375,131
Cleveland	305,295	100.0	-	-	-	-	-	-	-	-	-	-	305,295
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	510,737	100.0	-	-	-	-	-	-	-	-	-	-	510,737
Edgecombe	299,993	100.0	-	-	-	-	-	-	-	-	-	-	299,993
Fayetteville	1,027,937	99.2	-	-	-	-	-	-	-	-	8,489	0.8	1,036,426
Forsyth	1,032,305	94.1	-	-	-	-	-	-	64,597	5.9	-	-	1,096,902
Gaston	714,567	100.0	-	-	-	-	-	-	-	-	-	-	714,567
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	116,744	31.2	130,614	35.0	77,501	20.7	48,826	13.1	-	-	-	-	373,685

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	356,527	100.0	-	-	-	-	-	-	-	-	-	-	356,527
James Sprunt	176,606	100.0	-	-	-	-	-	-	-	-	-	-	176,606
Johnston	461,518	100.0	-	-	-	-	-	-	-	-	-	-	461,518
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	192,819	52.0	37,035	10.0	55,755	15.0	84,973	22.9	-	-	-	-	370,582
Montgomery	130,410	100.0	-	-	-	-	-	-	-	-	-	-	130,410
Nash	342,890	100.0	-	-	-	-	-	-	-	-	-	-	342,890
Pamlico	84,556	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,035
Piedmont	184,463	100.0	-	-	-	-	-	-	-	-	-	-	184,463
Pitt	531,509	88.4	-	-	-	-	69,551	11.6	-	-	-	-	601,060
Randolph	292,620	72.9	31,080	7.7	77,974	19.4	-	-	-	-	-	-	401,674
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	550,865	93.1	-	-	40,898	6.9	-	-	-	-	-	-	591,763
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	290,588	100.0	-	-	-	-	-	-	-	-	-	-	290,588
Stanly	231,686	100.0	-	-	-	-	-	-	-	-	-	-	231,686
Surry	470,655	100.0	-	-	-	-	-	-	-	-	-	-	470,655
Tri-County	163,525	99.5	-	-	-	-	-	-	-	-	864	0.5	164,389
Vance-Granville	406,209	100.0	-	-	-	-	-	-	-	-	-	-	406,209
Wake	2,216,592	99.8	-	-	-	-	3,600	0.2	-	-	-	-	2,220,192
Wayne	481,677	100.0	-	-	-	-	-	-	-	-	-	-	481,677
Western Piedmont	346,592	86.9	-	-	51,822	13.0	360	0.1	-	-	-	-	398,774
Wilkes	484,668	99.3	-	-	-	-	-	-	-	-	3,515	0.7	488,183
Wilson	209,319	100.0	-	-	-	-	-	-	-	-	-	-	209,319
Subtotal	26,818,211	88.2	1,866,699	6.1	801,566	2.6	796,554	2.6	110,966	0.4	14,799	0.0	30,408,795
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	524,718	95.4	9,444	1.7	13,670	2.5	-	-	1,984	0.4	-	-	549,816
Subtotal	3,089,662	84.6	315,194	8.6	168,436	4.6	77,230	2.1	1,984	0.1	-	-	3,652,506
Grand Total	91,897,308	74.5	16,521,762	13.4	8,350,509	6.8	6,261,746	5.1	344,843	0.3	14,946	0.0	123,391,114

Table 22a. University of North Carolina 2016-17 R&R Allocation

Institution	FCAP	Adjusted Allocation w/ 2% Floor	% of R&R
NCSU	\$228,977,648	6,971,067	20.7%
UNCCH	\$219,089,050	5,570,915	16.5%
ECU	\$121,176,266	3,813,019	11.3%
ASU	\$70,096,373	2,291,453	6.8%
UNCC	\$28,055,920	889,677	2.6%
WSSU	\$26,676,313	885,778	2.6%
NCA&T	\$53,993,455	1,777,450	5.3%
UNCSA	\$16,039,600	674,770	2.0%
ECSU	\$21,186,900	702,749	2.1%
FSU	\$13,443,402	674,770	2.0%
UNCW	\$36,597,200	1,185,683	3.5%
UNCG	\$76,176,823	2,472,004	7.3%
WCU	\$43,133,800	1,408,422	4.2%
NCCU	\$45,136,000	1,498,710	4.4%
UNCA	\$27,100,900	897,723	2.7%
NCSSM	\$4,540,725	674,770	2.0%
UNCGA	\$4,500,000	674,770	2.0%
UNCP	\$17,397,900	674,770	2.0%
Total	\$1,053,318,275	33,738,500	

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	1,123	\$1,211,925,591	\$4,574,516,997	561	8,751,433	\$958,177,496
NC State Veterinary Med	42	\$105,808,889	\$311,788,433	14	62,067	\$3,885,750
UNC-Chapel Hill	391	\$1,487,845,876	\$3,741,566,275	70	3,076,775	\$234,946,066
UNC-Chapel Hill Hlth Aff.	111	\$825,106,543	\$1,941,262,063	39	2,150,250	\$93,634,505
Subtotal	1,667	\$3,630,686,899	\$10,569,133,768	684	14,040,525	\$1,290,643,817
Doctoral Universities I and II						
East Carolina	169	\$396,850,410	\$1,460,907,646	106	3,423,557	\$436,140,809
East Carolina Hlth Aff.	74	\$284,239,565	\$592,148,049	27	630,202	\$52,648,954
NC A&T	121	\$230,081,501	\$956,707,403	43	1,502,058	\$275,807,139
UNC Charlotte	115	\$1,014,019,902	\$1,894,712,216	31	1,364,877	\$94,961,489
UNC Greensboro	123	\$499,854,763	\$2,486,070,923	34	1,602,382	\$253,484,682
Subtotal	602	\$2,425,046,141	\$7,390,546,237	241	8,523,076	\$1,113,043,073
Master's (Comprehensive) Universities and Colleges I						
Appalachian	91	\$457,601,700	\$1,142,220,107	12	428,471	\$29,092,391
Fayetteville	52	\$138,434,650	\$315,524,818	10	124,445	\$4,767,207
NC Central	66	\$235,436,770	\$811,835,112	18	339,622	\$42,894,084
UNC Pembroke	53	\$159,834,034	\$401,071,732	-	-	-
UNC Wilmington	153	\$471,456,144	\$869,602,510	2	35,147	\$3,991,977
Western Carolina	107	\$292,107,404	\$700,547,365	44	1,193,522	\$48,168,686
Winston-Salem	54	\$177,908,514	\$407,872,874	26	767,087	\$44,171,596
Subtotal	576	\$1,932,779,216	\$4,648,674,518	112	2,888,294	\$173,085,941
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	60	\$123,231,497	\$325,993,917	25	438,958	\$24,823,765
UNC Asheville	38	\$187,713,757	\$511,866,437	26	1,170,912	\$171,559,476
Subtotal	98	\$310,945,254	\$837,860,354	51	1,609,870	\$196,383,241
Schools of Art, Music, and Design						
UNC School of the Arts	65	\$108,016,784	\$265,509,222	20	278,613	\$12,742,103
Subtotal	65	\$108,016,784	\$265,509,222	20	278,613	\$12,742,103
Teaching Hospitals						
UNC Hospitals	30	\$456,844,106	\$959,003,754	-	-	-
Subtotal	30	\$456,844,106	\$959,003,754	-	-	-
Community Colleges						
Alamance	14	\$28,867,715	\$170,592,868	-	-	-
Asheville-Buncombe	26	\$163,306,462	\$275,100,280	2	193,350	\$24,497,698
Beaufort Co.	18	\$22,960,710	\$48,826,585	-	-	-
Bladen	24	\$8,691,862	\$25,340,999	2	2,940	\$281,311
Blue Ridge	16	\$65,819,169	\$106,248,428	-	-	-
Brunswick	19	\$43,667,103	\$77,345,765	1	20,314	\$1,128,798
Caldwell	24	\$47,430,580	\$107,204,523	-	-	-
Cape Fear	33	\$225,102,800	\$344,658,403	4	191,514	\$9,004,487
Carteret	18	\$17,478,813	\$49,207,023	4	14,044	\$1,354,814
Catawba Valley	18	\$34,675,639	\$95,547,648	-	-	-
Central Carolina	37	\$39,657,295	\$106,542,896	-	-	-
Central Piedmont	57	\$347,256,913	\$664,215,205	24	1,315,069	\$66,786,299
Cleveland	14	\$22,983,131	\$74,949,419	-	-	-
Coastal Carolina	18	\$32,742,443	\$76,247,181	-	-	-
Coll. of Albemarle	24	\$28,161,752	\$163,665,346	5	40,418	\$3,856,121
Craven	15	\$31,819,139	\$80,594,089	-	-	-
Davidson County	31	\$27,654,793	\$99,473,050	-	-	-
Durham	18	\$34,355,718	\$100,428,293	-	-	-
Edgecombe	15	\$32,264,669	\$61,197,777	-	-	-
Fayetteville	40	\$72,202,854	\$167,376,893	1	8,489	\$1,424,868
Forsyth	34	\$88,139,943	\$187,924,619	5	64,597	\$13,041,373
Gaston	28	\$88,906,476	\$182,953,193	-	-	-

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	\$412,843,457	19	690,765	\$64,518,804
Halifax	16	\$17,710,747	\$42,464,712	-	-	-
Haywood	27	\$38,377,809	\$97,487,084	18	256,941	\$21,697,872
Isothermal	24	\$22,032,786	\$67,591,529	-	-	-
James Sprunt	12	\$10,244,730	\$29,695,745	-	-	-
Johnston	24	\$37,454,972	\$91,728,648	-	-	-
Lenoir	29	\$25,869,008	\$80,880,356	-	-	-
Martin	11	\$4,861,226	\$24,106,595	-	-	-
Mayland	18	\$14,341,346	\$35,237,102	3	76,064	\$294,978
McDowell	11	\$10,404,072	\$39,056,240	-	-	-
Mitchell	26	\$19,772,528	\$61,221,292	10	177,763	\$14,126,979
Montgomery	8	\$8,850,023	\$22,280,816	-	-	-
Nash	12	\$34,321,812	\$60,454,022	-	-	-
Pamlico	9	\$8,017,519	\$18,476,500	1	1,479	\$103,791
Piedmont	20	\$12,715,560	\$33,175,397	-	-	-
Pitt	28	\$62,826,564	\$115,239,150	2	69,551	\$8,732,386
Randolph	31	\$28,352,168	\$65,184,463	4	109,054	\$5,697,276
Richmond	10	\$23,877,083	\$54,125,052	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$30,322,055	-	-	-
Robeson	20	\$21,781,650	\$53,840,061	-	-	-
Rockingham	17	\$15,264,868	\$55,631,532	-	-	-
Rowan-Cabarrus	23	\$56,894,030	\$117,715,663	1	40,898	\$2,748,542
Sampson	14	\$16,606,673	\$37,864,300	1	7,245	\$1,390,826
Sandhills	30	\$49,527,501	\$104,795,752	4	98,261	\$5,938,798
South Piedmont	19	\$14,370,493	\$70,014,307	-	-	-
Southeastern	23	\$14,862,069	\$56,013,701	12	151,667	\$11,384,315
Southwestern	14	\$26,001,951	\$54,788,206	-	-	-
Stanly	15	\$12,860,020	\$46,264,981	-	-	-
Surry	24	\$27,967,296	\$81,223,129	-	-	-
Tri-County	22	\$9,264,907	\$28,886,460	1	864	\$87,571
Vance-Granville	22	\$31,600,629	\$81,660,038	-	-	-
Wake	40	\$215,812,119	\$337,059,478	1	3,600	\$518,067
Wayne	20	\$36,345,550	\$88,439,909	-	-	-
Western Piedmont	33	\$16,937,679	\$65,043,727	12	52,182	\$453,628
Wilkes	27	\$33,670,419	\$80,303,342	1	3,515	\$128,526
Wilson	15	\$10,922,905	\$38,207,449	-	-	-
Subtotal	1,303	\$2,665,016,470	\$6,044,962,733	138	3,590,584	\$259,198,128
Private Institutions						
NC Private Universities						
Barton	31	\$53,222,350	\$125,746,361	-	-	-
Campbell	132	\$191,589,058	\$374,773,551	11	89,479	\$4,802,089
Mars Hill	43	\$53,444,880	\$166,476,006	23	448,267	\$24,770,347
Pfeiffer	46	\$16,866,297	\$94,150,845	5	25,098	\$1,355,882
Subtotal	252	\$315,122,585	\$761,146,763	39	562,844	\$30,928,318
Grand Total	4,593	\$11,844,457,455	\$31,476,837,349	1,285	31,493,806	\$3,076,024,621

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**Union Square Campus,
 Guilford Technical Community College, North Carolina A&T State University, the
 University of North Carolina at Greensboro (and Cone Health).**

The first building of the Union Square Campus is a Nursing Education facility located in downtown Greensboro. This facility is a great example of what can be achieved when institutions within a close geographic proximity work together. Sharing a building means sharing a number of costs including construction, overhead, and maintenance cost. It also enables the Union Square campus to have higher quality equipment and a state-of-the-art simulation center that would have been too costly for each of the institutions on their own. GTCC, NCA&T, and UNCG will all train nurses in this \$34 million, 84,000 square-foot facility. Programs will range from 2-year degrees through the doctoral degree level. Cone Health will also use the building to train newly hired, recent college graduate nurses. Up to 400 nurses will be able to share this new training facility.

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 which 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				
			2016	2015	2014	2013	2012
Public Institutions							
Research Universities I							
NC State	9,087,401	7,406,766	81.5	81.2	82.0	81.8	80.0
NC State Veterinary Med	428,789	378,456	88.3	88.4	89.2	89.3	89.3
UNC-Chapel Hill	7,340,893	7,340,888	100.0	99.7	99.7	99.9	91.3
UNC-Chapel Hill Hlth Aff.	2,692,159	2,692,159	100.0	99.7	99.4	99.9	98.3
Subtotal	19,549,242	17,818,269	91.1	90.8	91.3	91.3	87.2
Doctoral Universities I and II							
East Carolina	3,413,324	2,848,218	83.4	83.3	83.2	84.5	97.1
East Carolina Hlth Aff.	1,115,812	848,864	76.1	94.3	99.8	100.0	99.8
NC A&T	2,268,545	1,982,129	87.4	89.4	89.6	92.3	92.2
UNC Charlotte	3,817,707	3,719,340	97.4	96.2	93.0	94.0	93.0
UNC Greensboro	3,177,853	2,797,875	88.0	87.5	87.8	88.5	89.4
Subtotal	13,793,241	12,196,426	88.4	89.7	89.2	90.4	93.6
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,696,580	2,265,926	84.0	84.2	82.2	82.2	82.0
Fayetteville	902,292	760,201	84.3	84.3	84.3	90.9	90.5
NC Central	1,477,732	1,337,571	90.5	90.5	90.4	90.4	90.4
UNC Pembroke	1,039,000	944,647	90.9	90.8	89.4	89.5	89.5
UNC Wilmington	2,291,281	2,267,042	98.9	98.9	98.9	80.3	78.8
Western Carolina	2,110,552	1,589,470	75.3	74.3	74.3	74.3	74.3
Winston-Salem	1,257,415	1,094,622	87.1	87.1	86.5	84.0	84.0
Subtotal	11,774,852	10,259,479	87.1	87.0	86.3	83.0	82.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	916,999	750,138	81.8	81.8	83.3	83.4	83.4
UNC Asheville	891,858	864,336	96.9	96.9	97.0	96.5	96.5
Subtotal	1,808,857	1,614,474	89.3	89.3	90.3	90.0	90.1
Schools of Art, Music, and Design							
UNC School of the Arts	817,005	735,806	90.1	90.1	86.2	82.9	79.1
Subtotal	817,005	735,806	90.1	90.1	86.2	82.9	79.1
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	238,016	237,655	99.8	99.8	99.8	99.8	99.6
Asheville-Buncombe	634,561	618,481	97.5	96.9	96.9	96.9	96.5
Beaufort Co.	191,951	191,566	99.8	99.7	99.7	99.7	99.7
Bladen	110,661	109,036	98.5	98.5	98.5	98.1	98.2
Blue Ridge	310,320	310,320	100.0	100.0	100.0	100.0	100.0
Brunswick	251,729	243,924	96.9	96.8	96.9	96.9	96.8
Caldwell	365,502	362,819	99.3	99.3	99.2	99.2	99.2
Cape Fear	649,235	644,694	99.3	99.3	98.7	98.7	98.4
Carteret	169,679	160,364	94.5	94.4	94.4	94.4	94.4
Catawba Valley	379,066	378,331	99.8	99.8	99.8	99.8	99.8
Central Carolina	400,746	399,180	99.6	99.6	99.6	99.6	99.6
Central Piedmont	1,408,166	1,387,374	98.5	99.0	98.7	98.8	98.8
Cleveland	202,857	201,647	99.4	99.4	99.4	99.4	99.4
Coastal Carolina	238,270	237,306	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	272,127	272,027	100.0	100.0	100.0	100.0	100.0
Craven	212,167	201,954	95.2	95.2	95.2	95.1	95.1
Davidson County	318,324	310,652	97.6	97.5	97.4	97.4	97.4
Durham	344,834	344,834	100.0	88.5	88.4	88.4	88.4
Edgecombe	202,273	194,364	96.1	95.3	95.3	95.3	95.3
Fayetteville	678,164	645,630	95.2	95.0	94.9	94.8	94.5
Forsyth	752,988	746,174	99.1	99.1	98.9	98.9	98.8
Gaston	464,070	438,125	94.4	94.5	94.6	94.5	94.5
Guilford	1,183,172	1,112,130	94.0	94.0	93.8	94.2	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				
			2016	2015	2014	2013	2012
Haywood	253,485	248,133	97.9	97.8	97.8	97.4	97.1
Isothermal	242,274	219,638	90.7	90.7	90.7	92.7	92.5
James Sprunt	127,239	123,502	97.1	96.9	95.4	95.4	93.9
Johnston	330,054	323,783	98.1	98.1	98.1	98.1	98.2
Lenoir	325,675	321,594	98.7	98.7	98.7	98.3	97.4
Martin	169,822	145,992	86.0	86.0	86.0	86.0	86.0
Mayland	183,046	179,134	97.9	96.8	96.6	96.5	96.8
McDowell	152,705	150,609	98.6	98.6	98.6	98.2	98.2
Mitchell	250,728	226,243	90.2	90.3	90.7	90.8	90.8
Montgomery	93,089	93,065	100.0	100.0	100.0	100.0	100.0
Nash	226,519	224,798	99.2	99.2	99.0	99.0	99.0
Pamlico	54,788	54,308	99.1	99.1	99.0	99.0	99.0
Piedmont	145,573	143,908	98.9	98.9	98.9	98.8	98.8
Pitt	390,417	390,043	99.9	99.9	99.9	99.9	99.9
Randolph	299,370	298,887	99.8	99.8	99.8	99.8	99.8
Richmond	173,829	162,850	93.7	93.6	93.5	93.6	93.1
Roanoke-Chowan	118,458	114,790	96.9	96.8	96.9	96.9	96.9
Robeson	201,508	201,484	100.0	100.0	100.0	100.0	100.0
Rockingham	229,511	214,576	93.5	92.8	92.8	92.8	92.8
Rowan-Cabarrus	376,246	376,090	100.0	100.0	100.0	100.0	100.0
Sampson	139,057	137,870	99.1	99.1	99.1	99.1	99.1
Sandhills	339,999	330,156	97.1	97.1	97.0	96.5	97.0
South Piedmont	327,972	287,290	87.6	87.6	87.6	87.4	85.1
Southeastern	183,452	181,799	99.1	99.1	99.1	99.1	98.9
Southwestern	200,425	193,946	96.8	96.8	96.8	96.8	96.9
Stanly	150,418	149,946	99.7	99.7	99.7	99.7	99.7
Surry	321,258	319,840	99.6	99.5	99.5	98.2	98.1
Tri-County	124,059	121,042	97.6	97.4	97.4	97.4	97.4
Vance-Granville	256,952	252,732	98.4	97.5	97.6	97.6	97.3
Wake	992,495	981,762	98.9	98.9	98.7	98.7	98.7
Wayne	323,951	321,741	99.3	99.3	99.2	99.1	99.1
Western Piedmont	288,213	245,508	85.2	85.2	85.2	85.1	83.2
Wilkes	339,384	332,151	97.9	98.6	98.4	98.4	98.4
Wilson	143,401	140,258	97.8	97.8	97.8	97.8	97.8
Subtotal	18,641,612	18,144,894	97.3	97.1	97.0	97.0	96.8
Private Institutions							
NC Private Universities							
Barton	350,454	328,517	93.7	93.7	93.7	93.7	93.8
Campbell	1,173,937	872,414	74.3	73.3	73.3	73.1	71.8
Mars Hill	583,761	358,775	61.5	58.6	58.6	58.6	58.2
Pfeiffer	367,759	195,417	53.1	53.1	52.7	52.7	52.7
Subtotal	2,475,911	1,755,123	70.9	69.8	69.7	69.7	68.9
Grand Total	70,219,022	63,718,653	90.7	90.8	90.6	90.2	89.4

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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 which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which 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) because 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 which 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 which 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	7,406,766	92.9	80.9	75.0	96.8	74.0	84.8	84.7	88.6	46.3
NC State Veterinary Med	378,456	68.9	92.3	98.8	95.1	100.0	86.3	78.4	100.0	-
UNC-Chapel Hill	7,340,888	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	2,692,159	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal	17,818,269	96.2	89.0	87.8	98.7	87.9	92.3	93.9	94.3	86.3
Doctoral Universities I and II										
East Carolina	2,848,218	90.9	62.3	94.3	88.9	92.0	67.3	34.5	100.0	16.1
East Carolina Hlth Aff.	848,864	85.2	92.1	58.3	95.9	100.0	100.0	84.1	-	66.6
NC A&T	1,982,129	93.2	83.9	95.2	95.3	73.8	99.5	78.2	100.0	99.2
UNC Charlotte	3,719,340	99.3	98.3	100.0	98.5	96.8	94.9	88.1	-	95.8
UNC Greensboro	2,797,875	95.7	94.6	95.2	87.0	84.2	95.7	76.1	92.0	25.4
Subtotal	12,196,426	93.8	89.5	66.1	93.4	89.0	89.4	66.4	98.5	55.3
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,265,926	90.0	71.0	32.7	100.0	82.0	79.6	88.9	100.0	48.9
Fayetteville	760,201	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	944,647	97.2	100.0	100.0	100.0	88.4	98.2	99.8	-	38.1
UNC Wilmington	2,267,042	100.0	100.0	100.0	100.0	100.0	99.7	100.0	-	0.6
Western Carolina	1,589,470	94.2	91.3	100.0	95.5	62.9	54.7	98.4	100.0	89.3
Winston-Salem	1,094,622	87.2	100.0	87.9	94.9	89.1	73.7	95.7	100.0	50.0
Subtotal	10,259,479	93.5	96.7	55.4	97.9	83.4	81.1	95.1	98.8	70.6
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	750,138	86.5	100.0	100.0	99.0	85.7	80.4	100.0	-	37.0
UNC Asheville	864,336	100.0	100.0	100.0	99.4	95.7	86.9	95.9	100.0	-
Subtotal	1,614,474	92.6	100.0	100.0	99.3	90.8	83.5	96.5	100.0	37.0
Schools of Art, Music, and Design										
UNC School of the Arts	735,806	92.7	-	100.0	93.6	84.2	88.1	96.6	100.0	92.0
Subtotal	735,806	92.7	-	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	237,655	99.8	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Asheville-Buncombe	618,481	98.2	-	100.0	100.0	98.5	84.2	100.0	97.8	97.9
Beaufort Co.	191,566	99.9	-	100.0	100.0	99.4	99.1	100.0	100.0	100.0
Bladen	109,036	97.9	-	100.0	100.0	100.0	98.4	100.0	-	-
Blue Ridge	310,320	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Brunswick	243,924	98.8	-	100.0	100.0	98.8	98.9	100.0	92.7	-
Caldwell	362,819	99.9	-	100.0	100.0	95.5	96.4	100.0	100.0	-
Cape Fear	644,694	99.0	100.0	-	100.0	100.0	99.8	100.0	100.0	100.0
Carteret	160,364	96.4	-	-	72.2	91.7	97.7	100.0	100.0	-
Catawba Valley	378,331	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	399,180	99.6	-	100.0	98.5	100.0	100.0	100.0	100.0	-
Central Piedmont	1,387,374	99.7	-	97.9	99.3	99.5	96.5	81.4	100.0	88.3
Cleveland	201,647	100.0	-	100.0	100.0	100.0	93.8	100.0	-	-
Coastal Carolina	237,306	100.0	-	100.0	100.0	100.0	95.5	100.0	-	-
Coll. of Albemarle	272,027	99.9	-	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	310,652	98.6	-	55.2	97.9	100.0	100.0	100.0	91.4	96.9
Durham	344,834	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	645,630	96.1	-	100.0	97.3	98.4	91.5	65.7	100.0	-
Forsyth	746,174	100.0	-	100.0	99.9	100.0	99.8	64.1	100.0	95.9
Gaston	438,125	93.7	100.0	-	100.0	98.6	85.2	80.2	100.0	-
Guilford	1,112,130	93.3	-	100.0	84.5	93.1	94.7	94.1	100.0	96.5
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	248,133	98.3	-	100.0	100.0	100.0	92.7	100.0	91.2	100.0
Isothermal	219,638	91.6	-	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	323,783	99.9	-	-	100.0	99.7	95.2	76.6	100.0	-
Lenoir	321,594	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	179,134	99.9	-	22.9	100.0	100.0	88.5	75.8	100.0	100.0
McDowell	150,609	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	82.5	93.6	100.0	42.1
Montgomery	93,065	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Nash	224,798	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	143,908	98.3	-	97.6	100.0	100.0	99.7	100.0	100.0	-
Pitt	390,043	100.0	-	-	99.2	100.0	99.6	100.0	100.0	100.0
Randolph	298,887	99.9	-	100.0	100.0	99.8	99.5	100.0	100.0	100.0
Richmond	162,850	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	201,484	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	376,090	100.0	-	100.0	100.0	100.0	99.7	100.0	100.0	100.0
Sampson	137,870	98.7	-	100.0	100.0	100.0	99.5	100.0	100.0	-
Sandhills	330,156	98.9	-	-	99.9	99.4	73.0	15.0	100.0	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	149,946	100.0	-	100.0	100.0	100.0	97.5	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	252,732	99.3	-	100.0	100.0	99.8	85.3	100.0	100.0	98.6
Wake	981,762	99.7	-	-	100.0	100.0	93.0	89.2	100.0	-
Wayne	321,741	98.8	-	100.0	100.0	100.0	98.6	100.0	100.0	100.0
Western Piedmont	245,508	99.9	-	-	100.0	99.1	96.1	43.7	100.0	17.7
Wilkes	332,151	97.6	-	92.3	100.0	95.5	99.7	100.0	98.8	100.0
Wilson	140,258	98.5	-	100.0	97.2	100.0	94.2	100.0	-	-
Subtotal	18,144,894	98.4	100.0	97.7	97.3	97.2	95.7	91.3	98.2	87.6
Private Institutions										
NC Private Universities										
Barton	328,517	99.9	-	-	99.3	86.4	100.0	100.0	-	100.0
Campbell	872,414	97.2	100.0	-	97.8	59.2	58.0	97.8	60.1	88.5
Mars Hill	358,775	74.2	-	86.1	93.0	46.9	57.0	99.6	-	77.3
Pfeiffer	195,417	85.1	-	100.0	56.0	45.1	25.6	9.0	-	28.2
Subtotal	1,755,123	90.3	100.0	88.5	90.5	58.0	59.1	84.1	58.6	54.8
Grand Total	63,718,653	96.3	89.5	82.7	96.7	86.1	89.7	88.1	97.0	77.2

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	68.9	-	-	-	-	-	-	-
UNC-Chapel Hill	100.0	-	-	100.0	100.0	-	-	-
UNC-Chapel Hill Hlth Aff.	100.0	-	100.0	100.0	100.0	-	-	-
Subtotal	96.1	-	100.0	100.0	100.0	-	-	-
Doctoral Universities I and II								
East Carolina	90.9	-	100.0	-	-	-	-	-
East Carolina Hlth Aff.	85.2	-	100.0	-	100.0	-	-	-
NC A&T	93.2	-	-	-	-	-	-	-
UNC Charlotte	99.3	-	-	100.0	-	-	-	-
UNC Greensboro	95.9	-	-	-	100.0	-	-	-
Subtotal	93.8	-	24.5	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	100.0	-	-	100.0	-	-	-	-
Western Carolina	94.1	-	-	100.0	-	-	-	100.0
Winston-Salem	87.1	-	100.0	-	-	-	-	-
Subtotal	93.5	-	100.0	100.0	-	-	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	86.4	-	100.0	100.0	-	-	-	-
UNC Asheville	100.0	-	-	100.0	-	-	-	100.0
Subtotal	92.5	-	100.0	100.0	-	-	-	100.0
Schools of Art, Music, and Design								
UNC School of the Arts	92.7	-	-	-	-	-	-	-
Subtotal	92.7	-	-	-	-	-	-	-
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	97.8	99.1	100.0	99.1	-	-	100.0
Beaufort Co.	100.0	100.0	100.0	100.0	99.4	-	-	-
Bladen	100.0	96.5	-	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	99.8	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	85.6	-	-	100.0
Central Piedmont	99.7	99.8	96.7	99.6	99.7	-	-	-
Cleveland	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	99.9	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	100.0	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	97.2	-	100.0	83.4	-	100.0	100.0
Forsyth	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Gaston	100.0	98.8	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	98.0	100.0	100.0	100.0	-	-	100.0
Isothermal	94.4	87.7	100.0	100.0	100.0	-	-	55.4
James Sprunt	100.0	95.3	100.0	100.0	100.0	-	-	-
Johnston	-	99.8	100.0	100.0	100.0	-	100.0	-
Lenoir	99.8	96.9	100.0	100.0	100.0	-	-	100.0
Martin	100.0	90.1	100.0	100.0	98.0	-	-	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	100.0	-	99.0	-	-	-
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	99.8	100.0	100.0	100.0	-	-	-
Richmond	100.0	98.5	100.0	47.2	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	98.5	100.0	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	-	-	-
Wilkes	95.4	98.6	100.0	100.0	100.0	-	-	-
Wilson	100.0	97.7	100.0	100.0	100.0	-	-	-
Subtotal	99.1	98.4	99.7	99.2	94.6	100.0	100.0	97.0
Private Institutions								
NC Private Universities								
Barton	99.9	-	-	-	-	-	-	-
Campbell	97.2	-	-	-	-	-	-	-
Mars Hill	74.2	-	-	-	-	-	-	-
Pfeiffer	85.1	-	-	-	-	-	-	-
Subtotal	90.3	-	-	-	-	-	-	-
Grand Total	95.1	98.4	99.2	99.2	94.8	100.0	100.0	97.3

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	65.1	85.9	-	-	88.4	65.4	100.0
NC State Veterinary Med	-	92.3	100.0	97.3	-	100.0	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0	100.0	100.0	-
Subtotal	68.6	92.6	100.0	99.3	90.5	66.2	100.0
Doctoral Universities I and II							
East Carolina	19.4	94.2	-	58.5	100.0	-	96.6
East Carolina Hlth Aff.	100.0	91.8	65.3	45.4	97.8	-	-
NC A&T	98.5	77.5	-	-	98.1	93.3	100.0
UNC Charlotte	99.5	97.6	-	-	100.0	-	-
UNC Greensboro	96.1	94.6	99.8	-	80.5	-	-
Subtotal	81.6	91.8	66.2	45.6	99.2	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	100.0	100.0	-	-	100.0	-	-
Western Carolina	83.7	100.0	-	-	100.0	-	100.0
Winston-Salem	100.0	100.0	-	-	86.4	-	100.0
Subtotal	97.6	96.0	100.0	-	47.6	-	95.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	100.0	-	-	100.0	-	100.0
UNC Asheville	100.0	100.0	-	-	100.0	-	-
Subtotal	100.0	100.0	-	-	100.0	-	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	100.0	-
Beaufort Co.	-	-	-	-	100.0	-	100.0
Bladen	-	-	-	-	100.0	-	-
Blue Ridge	-	-	-	-	100.0	-	-
Brunswick	-	-	-	-	100.0	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	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	-	-	-	100.0	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	-	-	-	100.0	-	-	-
Wilson	-	-	-	-	100.0	-	-
Subtotal	-	100.0	100.0	100.0	97.4	100.0	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	74.9	92.6	79.9	83.7	89.0	68.2	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	69.9	64.7	96.0	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	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal	100.0	100.0	100.0	83.5	97.6	98.1	100.0	100.0
Doctoral Universities I and II								
East Carolina	87.9	100.0	100.0	100.0	98.7	89.7	-	-
East Carolina Hlth Aff.	98.3	-	100.0	-	100.0	99.3	-	-
NC A&T	100.0	100.0	100.0	100.0	95.0	87.1	-	-
UNC Charlotte	99.7	98.2	100.0	89.2	-	98.6	-	-
UNC Greensboro	84.7	99.6	52.7	44.6	98.7	92.7	-	100.0
Subtotal	93.9	94.6	72.5	83.1	95.8	94.4	-	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	100.0	100.0	-	100.0	-	100.0	-	100.0
Western Carolina	100.0	82.7	57.6	18.4	100.0	93.1	-	100.0
Winston-Salem	100.0	92.9	100.0	100.0	31.2	92.7	-	-
Subtotal	99.9	91.8	93.8	95.8	85.9	96.9	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	100.0	100.0	100.0	100.0	-	100.0	-	-
Subtotal	100.0	100.0	100.0	100.0	87.5	100.0	-	-
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	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	90.1	100.0	-	99.8	99.6	100.0
Cleveland	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	-	-
Craven	46.9	-	-	100.0	-	100.0	-	-
Davidson County	97.6	-	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	-	-	-	51.5	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	-	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	-	-
Mitchell	99.6	100.0	100.0	-	-	97.6	-	-
Montgomery	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	-	97.7	-	-
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	-
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	87.4	98.9	99.8	100.0
Private Institutions								
NC Private Universities								
Barton	100.0	100.0	100.0	-	-	91.0	-	-
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	-	100.0
Subtotal	90.6	89.9	96.7	100.0	100.0	85.6	100.0	100.0
Grand Total	97.8	95.5	94.0	88.9	92.1	96.5	99.8	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	87.2	92.7	97.5	100.0	68.0	88.3	99.2	100.0	89.8	100.0	90.0	70.1
NC State Veterinary Med	-	-	-	-	100.0	-	-	-	61.9	100.0	92.2	87.7
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0	100.0
Subtotal	96.2	96.7	98.7	100.0	84.5	95.4	99.6	100.0	92.9	100.0	97.9	83.9
Doctoral Universities I and II												
East Carolina	85.3	84.3	67.3	100.0	95.9	79.6	93.2	63.8	20.9	90.4	100.0	58.5
East Carolina Hlth Aff.	-	-	-	100.0	100.0	-	-	-	-	100.0	100.0	-
NC A&T	77.2	84.4	100.0	100.0	74.2	69.0	29.6	100.0	87.7	70.2	8.1	100.0
UNC Charlotte	96.1	98.3	99.0	100.0	96.3	98.3	99.5	99.7	81.2	75.6	16.9	82.5
UNC Greensboro	100.0	92.4	96.3	100.0	82.7	76.4	99.1	100.0	99.4	74.9	60.8	56.9
Subtotal	91.3	90.8	94.6	100.0	89.4	83.3	79.6	93.5	61.1	84.2	70.1	56.4
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	82.1	100.0	100.0	88.6	100.0	44.6	100.0	100.0	98.7	100.0	100.0
UNC Wilmington	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Western Carolina	100.0	98.6	100.0	100.0	50.5	94.4	100.0	100.0	88.8	100.0	100.0	100.0
Winston-Salem	75.4	100.0	100.0	100.0	86.7	99.0	65.4	93.2	98.8	96.5	100.0	100.0
Subtotal	92.5	94.1	96.9	98.9	79.3	97.2	89.2	97.1	88.6	98.7	100.0	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	100.0	100.0	83.1	95.1	100.0	100.0	100.0	-	100.0	-
UNC Asheville	100.0	92.6	100.0	100.0	98.1	87.7	100.0	100.0	99.0	33.8	100.0	-
Subtotal	100.0	95.1	100.0	100.0	89.8	89.1	100.0	100.0	99.1	33.8	100.0	-
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	-	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	99.0	99.9	100.0	99.7	99.1	-	-	100.0	81.1	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	100.0	-
Coll. of Albemarle	100.0	100.0	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	33.2	77.8	100.0	81.3
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	14.6	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	87.8	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	-	4.8
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	85.8	-	-	-
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	94.1	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	99.5	99.8	98.4	99.8	100.0	99.6	91.9	97.5	52.6	82.4
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	71.2	100.0	100.0	34.4	75.2	100.0	-	9.8	-	-	-
Subtotal	62.6	77.9	87.5	100.0	49.8	82.9	78.1	93.9	82.2	82.4	-	100.0
Grand Total	95.6	92.8	98.2	99.7	83.2	92.4	88.9	97.1	86.4	95.4	89.0	80.4

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	100.0	99.6	99.6	61.5	62.6	97.3	100.0	-	78.4	88.8	70.9	16.2
NC State Veterinary Med	-	100.0	100.0	-	100.0	-	-	-	-	100.0	-	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal	100.0	99.9	99.8	80.1	70.4	98.7	100.0	100.0	98.8	93.0	93.0	76.9
Doctoral Universities I and II												
East Carolina	87.0	25.4	88.0	92.5	96.5	68.3	65.2	82.5	-	100.0	45.3	15.2
East Carolina Hlth Aff.	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-	32.3	100.0
NC A&T	100.0	100.0	99.9	94.0	100.0	100.0	100.0	100.0	-	100.0	100.0	97.0
UNC Charlotte	95.7	79.9	96.6	98.3	90.9	100.0	99.9	98.9	-	-	73.5	96.1
UNC Greensboro	99.8	100.0	96.3	99.4	74.8	95.7	97.3	100.0	58.9	100.0	37.0	-
Subtotal	95.0	47.8	96.7	96.0	88.6	92.3	92.6	96.3	58.9	100.0	67.4	54.1
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	44.8
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	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
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	95.2	91.7	85.9	97.6	50.0	82.2	87.3	80.0	98.1	99.8	60.1	75.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	98.8	100.0	22.0	100.0	100.0	100.0	-	-	35.7	41.9
UNC Asheville	67.3	70.8	80.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Subtotal	82.8	83.4	91.5	100.0	54.1	100.0	100.0	100.0	100.0	100.0	35.7	41.9
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	95.3	99.2
Beaufort Co.	100.0	100.0	100.0	100.0	100.0	-	87.3	90.2	-	100.0	-	100.0
Bladen	97.2	100.0	97.7	100.0	100.0	100.0	-	100.0	-	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Brunswick	100.0	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	99.3	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	95.4	88.7	96.3	97.9	-	99.2	99.8	100.0	100.0	100.0	-	88.3
Cleveland	99.2	100.0	81.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Coastal Carolina	100.0	100.0	94.1	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	-	-
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	-	96.9
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	98.1	100.0	100.0	100.0	100.0	-	100.0	100.0	95.6

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	P.R. Devel.	Stud. Admiss	Stud. Records	Inst.	Ext.	Usable 01	Unusable 02
					Aux. Svcs					Agency		
	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	-	-
Guilford	100.0	94.5	98.2	82.6	67.1	100.0	94.2	100.0	-	100.0	96.1	97.6
Halifax	98.3	100.0	99.2	100.0	91.5	100.0	100.0	100.0	-	100.0	-	-
Haywood	100.0	100.0	58.7	100.0	100.0	100.0	100.0	100.0	100.0	89.6	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	53.7	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	100.0	-
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	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	88.9	93.6	-	100.0	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	99.2	75.0	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	70.3	100.0	100.0	100.0	-	100.0	-	100.0	98.6	-
Wake	100.0	100.0	81.6	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	-
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	97.1	98.4	93.4	97.9	91.8	97.2	99.5	99.1	95.2	99.1	85.4	89.2
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	79.7	44.2	-	30.1	88.2	-	-	-	24.3	100.0
Subtotal	90.1	77.1	85.6	90.1	30.9	46.4	89.9	83.1	-	88.9	48.1	71.3
Grand Total	96.0	85.3	94.4	91.4	66.4	89.6	96.1	93.2	94.7	97.8	79.6	75.5

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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 which 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 which 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 which 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	7,406,766	258,112	99.7	1,527,435	95.7	1,853,254	96.7	352,938	98.5	
NC State Veterinary Med	378,456	7,598	97.9	88,991	85.1	84,584	98.5	11,130	100.0	
UNC-Chapel Hill	7,340,888	269,182	100.0	621,747	100.0	1,630,763	100.0	634,650	100.0	
UNC-Chapel Hill Hlth Aff.	2,692,159	83,512	100.0	767,884	100.0	1,085,286	100.0	75,161	100.0	
Subtotal	17,818,269	618,404	99.8	3,006,057	97.3	4,653,887	98.6	1,073,879	99.5	
Doctoral Universities I and II										
East Carolina	2,848,218	174,784	96.6	337,046	91.2	586,272	83.4	184,037	90.0	
East Carolina Hlth Aff.	848,864	42,176	98.1	170,834	94.1	323,313	79.9	66,951	97.8	
NC A&T	1,982,129	132,100	92.6	315,158	89.7	405,625	90.0	132,295	98.4	
UNC Charlotte	3,719,340	247,620	99.7	542,809	99.5	823,559	98.4	235,035	99.7	
UNC Greensboro	2,797,875	152,182	97.8	326,508	96.6	581,516	92.7	114,139	80.8	
Subtotal	12,196,426	748,862	97.2	1,692,355	94.8	2,720,285	90.0	732,457	93.4	
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,265,926	160,359	92.0	222,686	86.2	493,196	90.0	90,974	95.7	
Fayetteville	760,201	57,355	99.9	89,675	100.0	191,069	87.6	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	944,647	87,672	98.7	59,121	100.0	179,309	95.2	41,295	99.8	
UNC Wilmington	2,267,042	214,693	100.0	229,673	100.0	384,631	100.0	119,015	100.0	
Western Carolina	1,589,470	96,225	94.5	183,205	97.0	315,250	96.8	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	10,259,479	781,453	94.1	990,611	93.9	2,045,494	92.5	602,840	98.1	
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	750,138	63,933	85.3	58,784	83.0	116,244	92.0	36,659	92.2	
UNC Asheville	864,336	50,703	100.0	92,750	100.0	158,359	95.3	74,573	100.0	
Subtotal	1,614,474	114,636	91.3	151,534	92.6	274,603	93.8	111,232	97.3	
Schools of Art, Music, and Design										
UNC School of the Arts	735,806	16,988	57.2	189,829	95.5	90,837	86.3	46,744	100.0	
Subtotal	735,806	16,988	57.2	189,829	95.5	90,837	86.3	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	237,655	72,277	100.0	74,604	99.8	47,448	99.6	10,937	100.0	
Asheville-Buncombe	618,481	115,654	99.6	222,501	97.8	143,348	94.8	16,788	100.0	
Beaufort Co.	191,566	49,447	100.0	53,727	99.8	36,603	99.3	9,277	100.0	
Bladen	109,036	23,454	100.0	31,250	95.7	24,213	99.0	8,346	100.0	
Blue Ridge	310,320	73,477	100.0	100,404	100.0	47,782	100.0	18,010	100.0	
Brunswick	243,924	66,610	99.0	25,222	97.1	39,152	97.7	7,369	100.0	
Caldwell	362,819	96,503	100.0	99,791	99.6	64,468	100.0	19,006	100.0	
Cape Fear	644,694	120,947	100.0	212,012	98.1	153,611	99.7	32,482	100.0	
Carteret	160,364	41,333	96.1	60,420	99.6	34,363	95.9	6,047	100.0	
Catawba Valley	378,331	80,440	100.0	113,259	99.4	76,169	100.0	23,222	100.0	
Central Carolina	399,180	121,262	100.0	122,595	100.0	71,594	98.0	20,378	99.4	
Central Piedmont	1,387,374	396,366	99.8	364,765	99.7	306,117	98.3	63,853	99.8	
Cleveland	201,647	46,608	100.0	63,088	100.0	37,404	99.9	16,246	100.0	
Coastal Carolina	237,306	76,206	100.0	72,286	100.0	45,575	97.9	15,280	100.0	
Coll. of Albemarle	272,027	58,737	100.0	80,379	99.9	53,964	100.0	12,345	100.0	
Craven	201,954	53,662	100.0	70,454	98.4	45,293	99.7	10,664	56.3	
Davidson County	310,652	74,074	98.4	72,247	93.5	73,868	98.4	23,108	100.0	
Durham	344,834	86,206	100.0	96,212	100.0	81,012	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	645,630	172,194	93.7	207,637	97.3	134,157	97.7	31,299	100.0	
Forsyth	746,174	151,834	100.0	250,900	100.0	150,657	99.8	23,489	100.0	
Gaston	438,125	113,133	100.0	119,752	85.5	98,855	97.9	30,760	100.0	
Guilford	1,112,130	201,742	94.3	267,756	93.5	158,609	94.3	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	248,133	30,286	93.8	96,352	100.0	43,412	98.7	13,750	100.0
Isothermal	219,638	46,466	93.2	57,915	86.8	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	323,783	92,152	99.8	73,983	98.1	65,079	99.8	20,521	100.0
Lenoir	321,594	74,560	100.0	84,060	95.9	54,358	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	179,134	32,802	100.0	31,327	94.8	23,214	100.0	10,255	100.0
McDowell	150,609	29,898	96.0	58,439	99.1	26,789	98.9	6,844	100.0
Mitchell	226,243	64,930	98.6	50,878	99.5	49,127	91.4	15,216	100.0
Montgomery	93,065	19,754	100.0	32,212	100.0	17,501	99.9	8,539	100.0
Nash	224,798	70,634	100.0	55,503	99.9	35,947	97.9	11,522	100.0
Pamlico	54,308	10,303	100.0	14,810	100.0	10,668	100.0	5,653	100.0
Piedmont	143,908	37,037	99.6	35,466	99.9	32,593	99.5	7,732	86.9
Pitt	390,043	80,936	100.0	134,231	100.0	90,096	99.6	24,221	100.0
Randolph	298,887	67,520	99.7	87,666	100.0	42,766	99.3	8,339	100.0
Richmond	162,850	34,102	92.3	44,148	95.8	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	201,484	34,018	100.0	64,534	100.0	48,002	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	376,090	114,351	100.0	80,057	100.0	89,186	99.8	22,009	100.0
Sampson	137,870	32,694	100.0	37,859	100.0	28,537	99.8	14,296	100.0
Sandhills	330,156	101,931	100.0	74,176	98.4	58,712	99.4	17,584	100.0
South Piedmont	287,290	48,189	100.0	54,984	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	149,946	40,329	100.0	35,238	100.0	37,792	98.8	6,334	100.0
Surry	319,840	98,978	100.0	89,019	100.0	60,396	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	252,732	46,243	97.9	80,220	100.0	46,358	99.6	21,097	100.0
Wake	981,762	247,388	100.0	275,084	99.5	256,322	99.9	77,245	99.2
Wayne	321,741	38,172	100.0	89,425	97.8	53,455	99.7	19,504	100.0
Western Piedmont	245,508	61,484	100.0	67,392	99.9	47,272	99.5	16,914	100.0
Wilkes	332,151	72,481	98.7	91,080	99.3	51,842	99.9	17,003	100.0
Wilson	140,258	40,601	96.7	36,055	100.0	32,270	98.0	9,511	99.5
Subtotal	18,144,894	4,270,051	99.0	5,122,550	98.0	3,623,967	98.6	971,942	97.7
Private Institutions									
NC Private Universities									
Barton	328,517	28,852	100.0	24,220	100.0	56,533	99.2	21,578	100.0
Campbell	872,414	110,376	98.5	75,777	99.7	149,372	87.5	82,219	99.5
Mars Hill	358,775	48,792	85.6	33,402	65.0	52,965	72.2	27,573	94.5
Pfeiffer	195,417	31,225	91.4	24,364	83.6	35,625	78.3	10,982	49.0
Subtotal	1,755,123	219,245	94.5	157,763	87.3	294,495	85.0	142,352	91.4
Grand Total	63,718,653	6,779,565	97.8	11,321,528	96.7	14,038,085	95.2	3,684,343	97.1

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	1,108,868	65.8	786,601	95.4	305,831	71.5	25,703	98.8	1,116,418	60.8	71,606	45.9
NC State Veterinary Med	41,841	61.8	11,100	100.0	21,251	75.6	111,961	99.5	-	-	0	-
UNC-Chapel Hill	845,430	100.0	838,800	100.0	459,979	100.0	22,909	100.0	1,758,126	100.0	259,302	100.0
UNC-Chapel Hill Hlth Aff.	173,556	100.0	91,998	100.0	35,285	100.0	177,692	100.0	2,450	100.0	199,335	100.0
Subtotal	2,169,695	78.3	1,728,499	97.9	822,346	86.4	338,265	99.7	2,876,994	80.0	530,243	86.3
Doctoral Universities I and II												
East Carolina	302,034	82.5	284,022	94.7	71,952	36.4	6,133	88.0	875,820	95.8	26,118	15.3
East Carolina Hlth Aff.	42,019	33.3	12,030	74.4	43,533	99.8	142,662	62.9	-	-	5,346	100.0
NC A&T	271,982	87.2	183,319	87.5	201,527	95.6	6,519	50.9	314,706	74.0	18,898	99.2
UNC Charlotte	227,362	96.1	318,004	95.3	45,559	82.6	7,535	98.8	1,122,889	96.6	148,968	95.8
UNC Greensboro	85,898	86.6	445,202	86.0	243,983	89.4	9,534	98.1	836,278	82.8	2,635	38.1
Subtotal	929,295	81.5	1,242,577	90.3	606,554	77.8	172,383	65.3	3,149,693	89.7	201,965	56.4
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	11,788	48.9
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	89,103	100.0	117,538	92.0	51,100	100.0	1,312	50.2	303,342	86.8	14,855	35.9
UNC Wilmington	125,782	100.0	236,371	100.0	86,751	99.4	4,676	100.0	865,450	100.0	0	0.0
Western Carolina	190,469	90.7	305,789	96.0	61,376	97.2	3,246	100.0	263,472	36.4	39,980	89.2
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	1,042,066	92.1	1,401,616	93.0	367,170	91.9	28,817	84.5	2,758,828	75.6	240,584	70.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	87,210	95.4	99,173	93.4	16,453	98.4	1,574	24.5	260,992	72.0	9,116	41.3
UNC Asheville	93,310	88.1	129,471	100.0	38,871	100.0	2,883	100.0	223,416	96.9	0	-
Subtotal	180,520	91.5	228,644	97.0	55,324	99.5	4,457	47.8	484,408	81.7	9,116	41.3
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	100.0	120,107	94.6	78,639	94.9	1,259	41.0	130,156	81.7	37,421	92.0
Subtotal	23,826	100.0	120,107	94.6	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	17,907	100.0	8,626	100.0	-	-	-	-	0	-
Asheville-Buncombe	16,094	100.0	58,365	98.8	15,980	91.8	3,870	100.0	-	-	25,881	98.0
Beaufort Co.	4,902	100.0	24,965	100.0	11,049	100.0	-	-	-	-	1,596	100.0
Bladen	1,155	100.0	12,442	100.0	8,176	100.0	-	-	-	-	0	-
Blue Ridge	6,235	100.0	52,255	100.0	12,157	100.0	-	-	-	-	0	-
Brunswick	29,576	100.0	63,882	92.1	12,001	100.0	112	100.0	-	-	0	-
Caldwell	20,026	100.0	47,420	96.4	15,605	96.6	-	-	-	-	0	-
Cape Fear	29,571	100.0	78,405	100.0	14,661	100.0	-	-	756	100.0	2,249	100.0
Carteret	2,331	32.3	8,393	88.9	7,477	100.0	-	-	-	-	0	-
Catawba Valley	37,801	100.0	37,823	100.0	2,633	100.0	417	100.0	-	-	6,567	100.0
Central Carolina	11,379	100.0	47,388	100.0	2,630	100.0	1,954	100.0	-	-	0	-
Central Piedmont	31,471	97.1	135,119	99.7	76,494	87.8	-	-	-	-	13,189	88.3
Cleveland	15,097	100.0	16,350	100.0	6,854	85.2	-	-	-	-	0	-
Coastal Carolina	3,120	100.0	12,054	100.0	12,785	100.0	-	-	-	-	0	-
Coll. of Albemarle	7,204	100.0	47,540	100.0	11,858	100.0	-	-	-	-	0	-
Craven	1,875	100.0	18,860	100.0	1,146	63.2	-	-	-	-	0	-
Davidson County	17,805	100.0	27,907	99.2	20,565	100.0	142	100.0	-	-	936	96.9
Durham	2,319	100.0	21,706	100.0	40,721	100.0	-	-	-	-	0	-
Edgecombe	770	100.0	39,111	96.2	8,457	100.0	-	-	-	-	88	100.0
Fayetteville	29,751	96.8	49,728	98.4	20,864	67.4	-	-	-	-	0	-
Forsyth	18,875	100.0	57,470	100.0	34,746	89.9	110	100.0	43	100.0	58,050	95.7
Gaston	13,932	100.0	52,487	98.9	8,458	73.9	748	100.0	-	-	0	-
Guilford	15,705	61.1	83,570	95.4	33,852	94.4	-	-	-	-	312,347	96.5

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	1,590	100.0	39,418	98.2	10,380	83.5	1,524	100.0	-	-	11,421	100.0
Isothermal	22,920	100.0	35,146	100.0	17,251	94.7	-	-	-	-	0	-
James Sprunt	3,795	100.0	11,919	100.0	3,016	74.4	-	-	-	-	350	100.0
Johnston	8,584	100.0	44,996	100.0	18,468	86.0	-	-	-	-	0	-
Lenoir	24,941	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	16,358	100.0	3,725	63.0	-	-	-	-	60,881	100.0
McDowell	1,165	100.0	20,619	99.8	6,855	100.0	-	-	-	-	0	-
Mitchell	9,765	55.9	27,767	80.7	6,996	80.9	-	-	-	-	1,564	36.8
Montgomery	1,361	100.0	11,246	100.0	2,452	100.0	-	-	-	-	0	-
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	15,667	100.0	-	-	-	-	0	-
Pitt	18,112	100.0	19,905	100.0	17,790	100.0	-	-	-	-	4,752	100.0
Randolph	5,152	100.0	36,665	100.0	37,745	100.0	-	-	-	-	13,034	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	3,139	100.0	36,259	100.0	6,515	100.0	-	-	-	-	398	100.0
Rockingham	25,944	72.1	25,382	99.3	7,861	100.0	964	100.0	-	-	0	-
Rowan-Cabarrus	4,283	100.0	36,113	100.0	14,373	100.0	2,805	100.0	-	-	12,913	100.0
Sampson	-	-	17,809	100.0	6,675	100.0	-	-	-	-	0	-
Sandhills	31,222	95.7	42,859	97.8	2,902	75.8	-	-	623	11.1	147	100.0
South Piedmont	1,291	100.0	50,954	100.0	7,907	95.0	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	20,711	100.0	7,657	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	43,967	100.0	6,430	68.7	-	-	-	-	5,707	98.6
Wake	43,465	100.0	55,264	100.0	26,994	76.8	-	-	-	-	0	-
Wayne	9,214	100.0	32,137	99.8	15,143	100.0	1,719	100.0	-	-	62,972	100.0
Western Piedmont	6,498	100.0	29,411	100.0	8,490	62.7	-	-	-	-	8,047	17.7
Wilkes	20,900	99.9	50,108	90.0	22,893	100.0	1,282	100.0	-	-	4,562	100.0
Wilson	-	-	14,227	100.0	7,594	90.3	-	-	-	-	0	-
Subtotal	651,745	93.2	2,067,748	97.9	749,742	91.2	15,854	96.0	1,422	17.9	669,873	87.3
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	6,465	87.4
Mars Hill	39,607	88.7	90,739	71.0	16,034	96.4	1,083	45.5	36,084	21.8	12,496	77.3
Pfeiffer	35,624	84.9	28,157	61.1	4,083	34.2	338	100.0	17,654	15.6	7,365	31.8
Subtotal	240,948	89.3	307,837	81.4	48,944	84.4	5,126	79.8	312,087	38.9	26,326	56.4
Grand Total	5,270,588	84.1	7,150,853	94.5	2,812,881	86.9	1,186,016	84.2	9,717,373	78.9	1,757,421	78.7

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Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	10, 11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03, 07
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02

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Mars Hill College	2-3	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	05, 10
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	01, 02
N. C. A&T State University	1-1	002905	Guilford	Greensboro 27411	06, 12, 13
N. C. Central University	1-2	002950	Durham	Durham 27707	04
N. C. State University	1-1	002972	Wake	Raleigh 27695	02, 04, 13
NCSU Veterinary School	1-1		Wake	Raleigh 27695	02, 04, 13
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
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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