

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2015



UNCSA Library, University of North Carolina School of the Arts

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

**FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 2015**

**For
THE STATE OF NORTH CAROLINA**

FORTY-NINTH EDITION

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

December 2016

UNCSA Library
University of North Carolina School of the Arts
(Cover page)

UNCSA Library at the University of North Carolina School of the Arts is the latest addition to this public co-educational arts conservatory located in Winston-Salem, North Carolina. The School grants high school, undergraduate, and graduate degrees and was founded in 1963 as the first public arts conservatory in the United States. This building complex includes the University Archives, the campus Teaching and Learning Center, and a small cafe. This \$24 million dollar facility provides materials and services which support the University of North Carolina School of the Arts educational, artistic, and performance objectives, and which serve the intellectual, informational, and cultural needs of the students, faculty, and staff of the school, as well as other members of the local community.

The new library not only accommodates the programmatic hurdles encountered by a thriving university program, but also establishes itself as a cultural focal point reflective of the progressive campus community. This 75,731 square foot facility is situated at the highest point on the campus, and links the existing campus fabric to planned future growth. Campus paths are thoughtfully integrated into the design providing areas for students to gather along the main plaza stair and plaza. The grand plaza stairs, complete with seating and laptop connections, link the lower portion of campus with the upper campus and provide students with ample opportunity to people watch, gather with friends and meet with professors. The relationship of the stairs and the plaza provide an amphitheater-like experience encouraging impromptu student performances.

The form of the building is a responsive solution to a challenging and highly visible site. The form breaks open to create not only outdoor plaza space but to allow for vistas of the surrounding campus and downtown Winston-Salem from within. Internally, casual study and reading spaces line the glass curtainwall. Strategically placed solar fins protect visitors from the otherwise harsh western sun and provide naturally lit and inviting internal spaces.

The facility houses a vast collection of visual and performance art material including print media, audio recordings, and moving image materials. Variations of study spaces throughout provide opportunities for listening and viewing performance collections as well as spaces for traditional study and student/teacher interaction.

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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 forty-ninth 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 2015 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 2015 study can be found at <http://www.northcarolina.edu/?q=academic-policy-planning-and-analysis/publications>.

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 2015 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 2015. 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. Institutions provide these data by E-mail, FTP or on the UNC-GA File server. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools 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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Herring Hall, Wilkes Community College

Herring Hall, the new home of Wilkes Community College’s Health Sciences Center, is located in a 58,000 square foot building WCC purchased in 2012 with a \$1.25 million grant from the Golden LEAF Foundation. The \$5.8 million facility refurbished with funds from the grant, and a capital campaign, opened in September 2015. Herring Hall was dedicated in honor of Leonard and Rose Herring, whose philanthropic efforts began supporting Wilkes Community College in 1985. Herring Hall brings together all of the college’s health sciences programs—both curriculum and continuing education—thus creating an integrated training environment. These programs are Associate Degree Nursing, Dental Assisting, Emergency Medical Science, Human Services Technology, Medical Assisting, Nurse Aide, Phlebotomy, Radiography and Respiratory Therapy. Additionally, the facility offers space for future expansion of these programs and the addition of new programs.

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

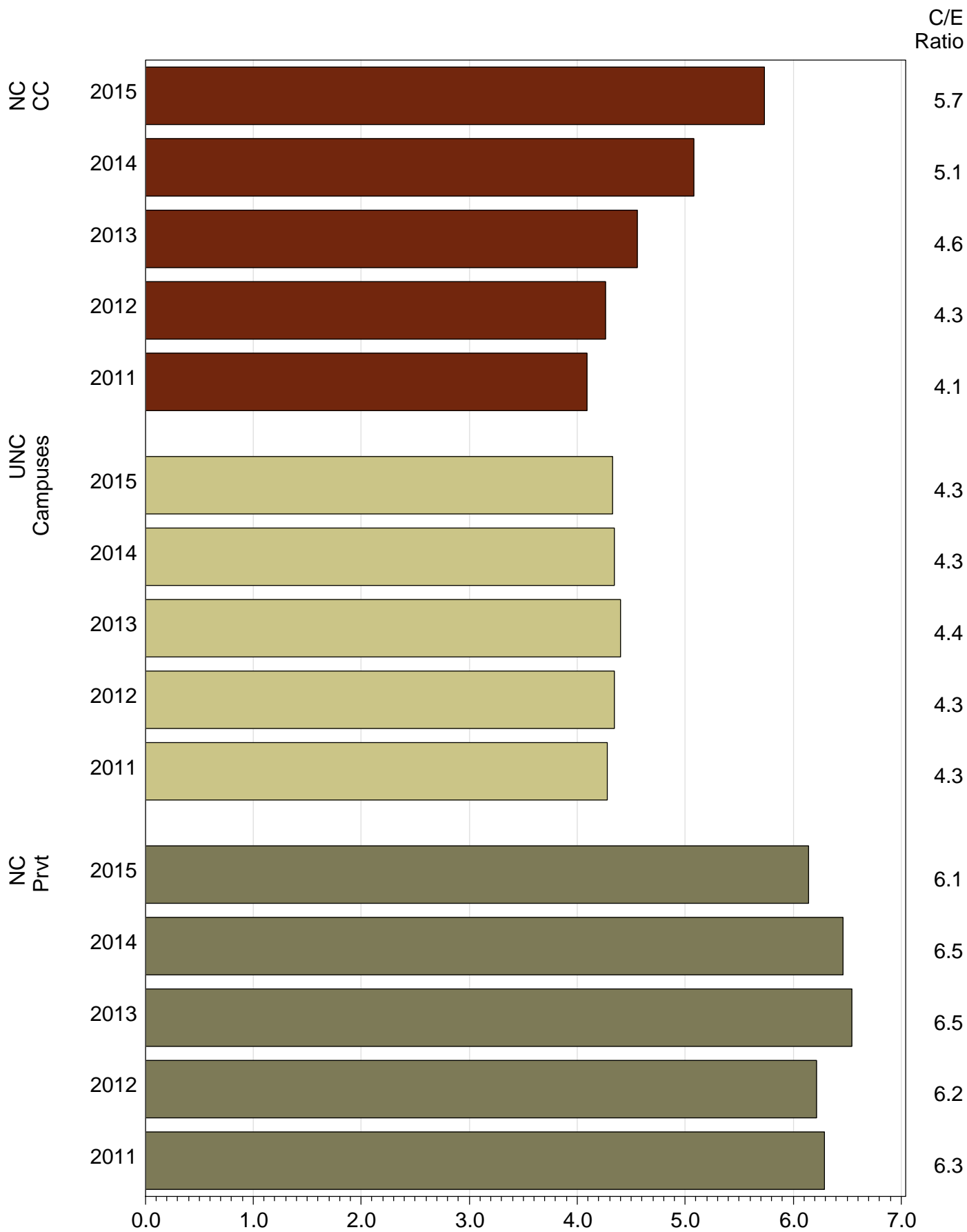


Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2015	2014	2013	2012	2011
Public Institutions							
Research Universities I							
NC State	1,673,014	381,769.5	4.38	4.23	4.20	4.20	3.89
NC State Veterinary Med	-	-	-	-	-	-	-
UNC-Chapel Hill	1,825,139	298,389.5	6.12	6.06	5.95	5.80	6.18
UNC-Chapel Hill Hlth Aff.	-	-	-	-	-	-	-
Subtotal	3,498,153	680,159.0	5.14	5.02	4.96	4.91	4.85
Doctoral Universities I and II							
East Carolina	1,016,448	268,631.5	3.78	3.91	3.87	4.13	3.83
East Carolina Hlth Aff.	-	-	-	-	-	-	-
NC A&T	715,335	136,915.0	5.22	5.43	5.87	6.08	6.40
UNC Charlotte	976,041	344,158.0	2.84	3.00	3.23	3.26	3.17
UNC Greensboro	726,014	193,236.0	3.76	3.75	3.99	3.45	3.44
Subtotal	3,433,838	942,940.5	3.64	3.78	3.96	3.94	3.90
Master's (Comprehensive) Universities and Colleges I							
Appalachian	811,738	260,946.0	3.11	3.01	3.06	3.06	3.06
Fayetteville	325,519	57,297.0	5.68	5.41	5.17	4.54	4.92
NC Central	530,040	91,595.5	5.79	6.35	5.73	5.41	5.64
UNC Pembroke	305,918	64,334.5	4.76	4.83	4.86	4.73	4.63
UNC Wilmington	540,142	176,253.5	3.06	2.96	3.14	3.11	2.92
Western Carolina	549,455	129,285.5	4.25	4.22	4.25	4.50	4.43
Winston-Salem	284,024	57,921.0	4.90	5.29	5.47	4.41	4.11
Subtotal	3,346,836	837,633.0	4.00	3.98	4.01	3.90	3.86
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	293,637	19,083.0	15.39	14.74	10.59	8.18	8.33
UNC Asheville	245,640	60,682.0	4.05	4.32	4.42	4.63	4.37
Subtotal	539,277	79,765.0	6.76	7.04	6.49	6.03	5.84
Schools of Art, Music, and Design							
UNC School of the Arts	329,846	31,432.5	10.49	9.27	9.54	10.05	9.25
Subtotal	329,846	31,432.5	10.49	9.27	9.54	10.05	9.25
Community Colleges							
Alamance	180,178	41,710.0	4.32	4.10	3.71	3.55	3.33
Asheville-Buncombe	353,146	55,692.5	6.34	5.78	4.34	4.66	4.73
Beaufort Co.	132,913	11,785.0	11.28	7.73	6.00	6.25	5.10
Bladen	74,774	11,994.5	6.23	5.14	4.47	4.49	4.85
Blue Ridge	194,532	18,723.0	10.39	8.43	7.52	6.58	7.47
Brunswick	112,961	24,647.0	4.58	4.39	3.80	4.25	4.14
Caldwell	257,010	31,874.5	8.06	8.12	5.70	4.54	4.24
Cape Fear	440,686	99,635.5	4.42	3.79	3.66	3.04	3.13
Carteret	125,714	16,100.0	7.81	7.40	6.95	6.03	6.10
Catawba Valley	252,298	38,214.0	6.60	5.56	5.38	4.62	4.57
Central Carolina	302,106	48,304.5	6.25	5.55	6.30	5.65	4.53
Central Piedmont	915,983	205,458.5	4.46	4.82	4.34	4.47	4.46
Cleveland	157,579	18,978.5	8.30	7.10	5.47	5.12	4.42
Coastal Carolina	184,582	49,770.5	3.71	3.29	3.15	2.98	3.12
Coll. of Albemarle	179,724	18,486.0	9.72	9.84	9.26	6.43	5.46
Craven	161,746	29,192.5	5.54	5.45	4.72	4.71	4.65
Davidson County	206,694	33,827.5	6.11	5.55	5.01	4.37	4.28
Durham	227,274	49,202.5	4.62	4.34	4.86	3.57	3.72
Edgecombe	107,734	19,798.5	5.44	4.38	4.15	2.79	2.89
Fayetteville	456,045	97,943.0	4.66	4.39	3.70	4.17	4.10
Forsyth	488,218	87,359.0	5.59	4.92	4.18	3.85	3.06
Gaston	314,820	46,641.5	6.75	7.03	5.84	5.23	5.05
Guilford	618,740	97,799.5	6.33	3.84	3.47	3.51	3.39
Halifax	110,807	13,911.5	7.97	7.45	6.37	5.50	5.71
Haywood	164,912	18,463.0	8.93	8.37	8.17	6.84	7.69

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2015	2014	2013	2012	2011
Isothermal	165,748	17,865.0	9.28	10.63	7.37	5.80	5.47
James Sprunt	77,616	12,270.5	6.33	5.63	5.03	4.08	4.31
Johnston	214,642	36,289.5	5.91	6.12	5.01	4.40	4.26
Lenoir	223,715	31,435.0	7.12	6.03	6.05	5.63	5.00
Martin	81,131	5,335.5	15.21	9.32	5.71	5.23	5.03
Mayland	81,359	8,703.0	9.35	7.02	6.43	5.53	5.50
McDowell	105,582	11,507.0	9.18	9.64	5.47	4.65	4.84
Mitchell	163,668	32,777.0	4.99	4.67	4.30	3.75	3.54
Montgomery	68,027	8,915.0	7.63	7.24	7.28	6.87	6.43
Nash	157,772	26,976.0	5.85	3.79	3.60	3.61	3.17
Pamlico	33,955	2,724.0	12.47	11.59	11.07	9.81	10.30
Piedmont	89,352	14,260.0	6.27	5.44	5.47	4.67	3.96
Pitt	285,180	72,138.0	3.95	3.71	3.25	3.08	2.42
Randolph	193,214	28,986.0	6.67	6.77	6.45	5.27	5.14
Richmond	113,152	22,528.5	5.02	4.54	3.73	3.81	3.59
Roanoke-Chowan	57,304	7,319.0	7.83	5.06	3.93	3.94	5.48
Robeson	128,437	28,389.0	4.52	4.25	3.38	3.40	2.97
Rockingham	165,270	15,105.0	10.94	6.86	6.09	5.24	5.23
Rowan-Cabarrus	260,289	53,986.5	4.82	3.74	3.47	3.61	3.22
Sampson	96,583	18,147.5	5.32	4.97	4.48	4.32	4.49
Sandhills	241,343	38,053.0	6.34	5.34	4.86	4.36	3.87
South Piedmont	131,325	20,168.5	6.51	5.31	5.57	5.19	5.13
Southeastern	128,161	14,420.0	8.89	8.96	8.11	6.47	6.12
Southwestern	133,841	23,534.5	5.69	5.44	5.67	4.64	5.40
Stanly	104,792	7,312.0	14.33	8.59	5.35	4.27	4.35
Surry	249,003	41,350.0	6.02	5.27	5.04	4.86	5.00
Tri-County	83,496	9,709.5	8.60	6.70	5.44	7.33	6.42
Vance-Granville	156,164	30,298.0	5.15	4.49	4.21	3.89	4.04
Wake	702,702	182,110.0	3.86	3.21	3.28	3.16	2.85
Wayne	173,352	32,325.0	5.36	5.16	4.29	3.89	3.92
Western Piedmont	166,282	20,871.0	7.97	7.03	6.06	5.11	4.24
Wilkes	208,610	28,485.0	7.32	5.64	4.57	4.71	4.80
Wilson	99,406	14,753.0	6.74	6.09	5.02	5.01	6.03
Subtotal	12,061,649	2,104,559.0	5.73	5.08	4.56	4.26	4.09
Private Institutions							
NC Private Universities							
Barton	126,900	15,066.0	8.42	8.26	7.76	7.94	8.08
Campbell	331,772	73,856.0	4.49	4.91	5.15	4.54	4.52
Mars Hill	177,664	21,589.5	8.23	8.28	8.13	8.55	9.26
Pfeiffer	119,318	12,506.5	9.54	9.47	9.15	8.99	8.78
Subtotal	755,654	123,018.0	6.14	6.46	6.54	6.22	6.29
Grand Total	23,965,253	4,799,507.0	4.99	4.73	4.53	4.34	4.23

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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

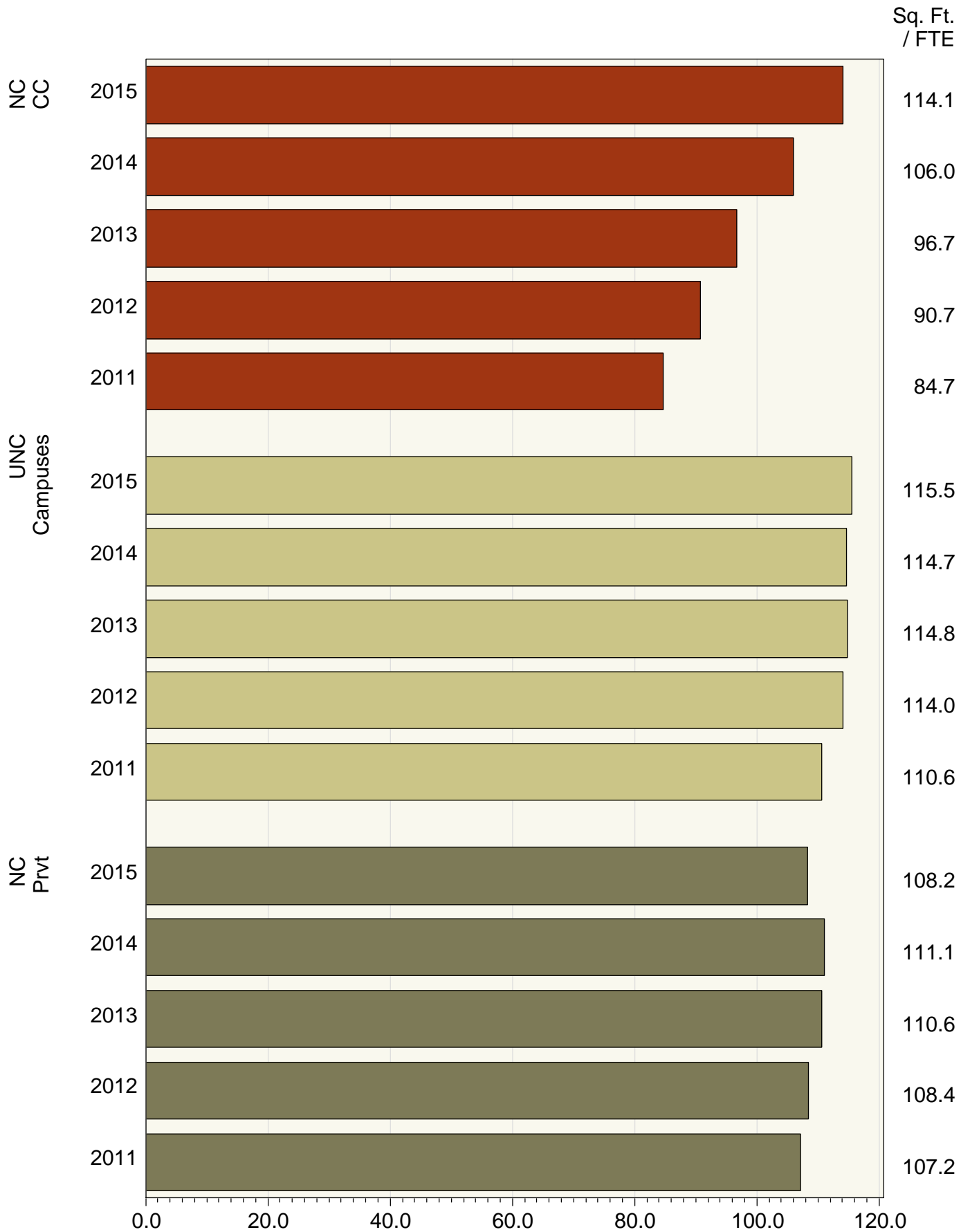


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2015	2014	2013	2012	2011
Public Institutions							
Research Universities I							
NC State	5,832,779	29,897	195	193	192	186	183
NC State Veterinary Med	413,453	396	1,044	1,104	1,161	1,245	1,279
UNC-Chapel Hill	3,666,645	22,273	165	165	164	163	155
UNC-Chapel Hill Hlth Aff.	2,500,102	4,605	543	537	513	503	509
Subtotal	9,499,424	52,170	182	181	180	176	171
Doctoral Universities I and II							
East Carolina	1,619,598	22,737	71	71	69	73	68
East Carolina Hlth Aff.	851,702	2,561	333	347	335	319	338
NC A&T	1,524,566	10,148	150	155	157	157	154
UNC Charlotte	1,925,897	25,573	75	70	72	73	70
UNC Greensboro	1,471,063	17,365	85	87	90	86	82
Subtotal	6,541,124	75,823	86	86	87	88	84
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,234,230	17,269	71	70	71	71	71
Fayetteville	522,185	5,298	99	102	98	92	86
NC Central	801,822	7,403	108	112	106	100	103
UNC Pembroke	517,017	5,711	91	86	87	86	79
UNC Wilmington	970,234	13,780	70	71	73	76	76
Western Carolina	845,703	9,315	91	91	93	97	94
Winston-Salem	539,779	4,739	114	100	97	92	80
Subtotal	5,430,970	63,515	86	84	85	84	82
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	406,893	1,506	270	231	178	150	144
UNC Asheville	411,803	3,585	115	116	117	123	115
Subtotal	818,696	5,091	161	155	141	135	128
Schools of Art, Music, and Design							
UNC School of the Arts	535,929	960	558	471	499	514	506
UNC Subtotal	22,826,143	197,559	116	115	115	114	111
Community Colleges							
Alamance	217,855	3,232	67	69	68	63	57
Asheville-Buncombe	440,820	4,942	89	86	74	69	71
Beaufort Co.	169,560	796	213	154	139	130	112
Bladen	96,554	1,028	94	85	85	78	68
Blue Ridge	232,082	1,110	209	188	162	162	149
Brunswick	148,747	936	159	133	133	139	138
Caldwell	306,581	2,256	136	125	117	95	89
Cape Fear	557,645	5,928	94	87	85	67	64
Carteret	157,822	860	184	174	166	146	144
Catawba Valley	306,583	3,366	91	111	118	106	95
Central Carolina	340,173	3,498	97	93	96	86	93
Central Piedmont	1,237,781	10,046	123	123	110	110	100
Cleveland	191,474	1,256	152	133	106	101	87
Coastal Carolina	213,206	2,698	79	74	73	72	72
Coll. of Albemarle	253,589	918	276	236	210	193	155
Craven	192,942	1,566	123	119	105	108	97
Davidson County	283,080	2,972	95	89	88	85	82
Durham	319,638	2,774	115	108	105	100	103
Edgecombe	148,714	1,038	143	112	95	87	81

*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 2015 figures for these programs are: ASF: 332,078; FTE: 948; ASF per FTE: 350. Figures for all other campus programs are: ASF: 1,192,488; FTE: 9,200; ASF per FTE: 130.

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

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				
			2015	2014	2013	2012	2011
Fayetteville	603,776	8,232	73	68	65	64	63
Forsyth	630,503	5,872	107	95	90	78	60
Gaston	391,784	4,108	95	94	89	88	86
Guilford	1,042,040	6,446	162	146	89	77	70
Halifax	164,887	680	242	218	204	167	150
Haywood	198,443	866	229	207	179	165	157
Isothermal	225,549	978	231	201	168	138	130
James Sprunt	111,716	940	119	112	96	84	93
Johnston	283,622	2,212	128	119	113	110	103
Lenoir	265,607	2,036	130	114	115	115	103
Martin	103,392	502	206	202	165	161	147
Mayland	102,157	560	182	129	120	114	114
McDowell	136,254	902	151	155	104	92	92
Mitchell	211,188	1,534	138	132	118	109	94
Montgomery	80,596	640	126	114	123	118	123
Nash	186,618	1,850	101	66	70	72	66
Pamlico	50,709	124	409	649	666	618	351
Piedmont	131,743	1,040	127	111	105	92	73
Pitt	348,845	6,296	55	51	50	50	40
Randolph	252,801	1,412	179	164	143	136	129
Richmond	167,285	1,832	91	90	84	82	85
Roanoke-Chowan	78,012	396	197	166	141	139	123
Robeson	167,652	1,716	98	95	85	66	68
Rockingham	204,437	1,380	148	133	121	125	107
Rowan-Cabarrus	347,489	2,614	133	93	88	86	74
Sampson	117,946	902	131	118	108	109	103
Sandhills	282,937	2,218	128	118	107	100	87
South Piedmont	185,199	1,560	119	176	170	164	142
Southeastern	167,555	862	194	195	172	138	121
Southwestern	176,059	1,282	137	129	135	127	114
Stanly	132,835	1,902	70	66	64	61	55
Surry	288,132	2,478	116	111	103	101	98
Tri-County	110,159	420	262	214	188	164	153
Vance-Granville	225,984	2,332	97	90	82	79	73
Wake	841,491	11,024	76	67	67	66	60
Wayne	225,787	2,602	87	84	74	75	74
Western Piedmont	259,940	1,288	202	280	145	137	113
Wilkes	264,526	1,622	163	107	97	99	97
Wilson	122,438	726	169	149	134	132	134
Subtotal	15,702,939	137,606	114	106	97	91	85
Private Institutions							
NC Private Universities							
Barton	174,428	1,000	174	178	179	178	163
Campbell	463,634	5,972	78	83	83	76	76
Mars Hill	229,046	1,349	170	164	165	180	192
Pfeiffer	182,736	1,378	133	123	121	117	109
Subtotal	1,049,844	9,699	108	111	111	108	107
Grand Total	39,578,926	344,864	115	111	107	104	99

*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 2015 figures for these programs are: ASF: 332,078; FTE: 948; ASF per FTE: 350. Figures for all other campus programs are: ASF: 1,192,488; FTE: 9,200; ASF per FTE: 130.

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

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.

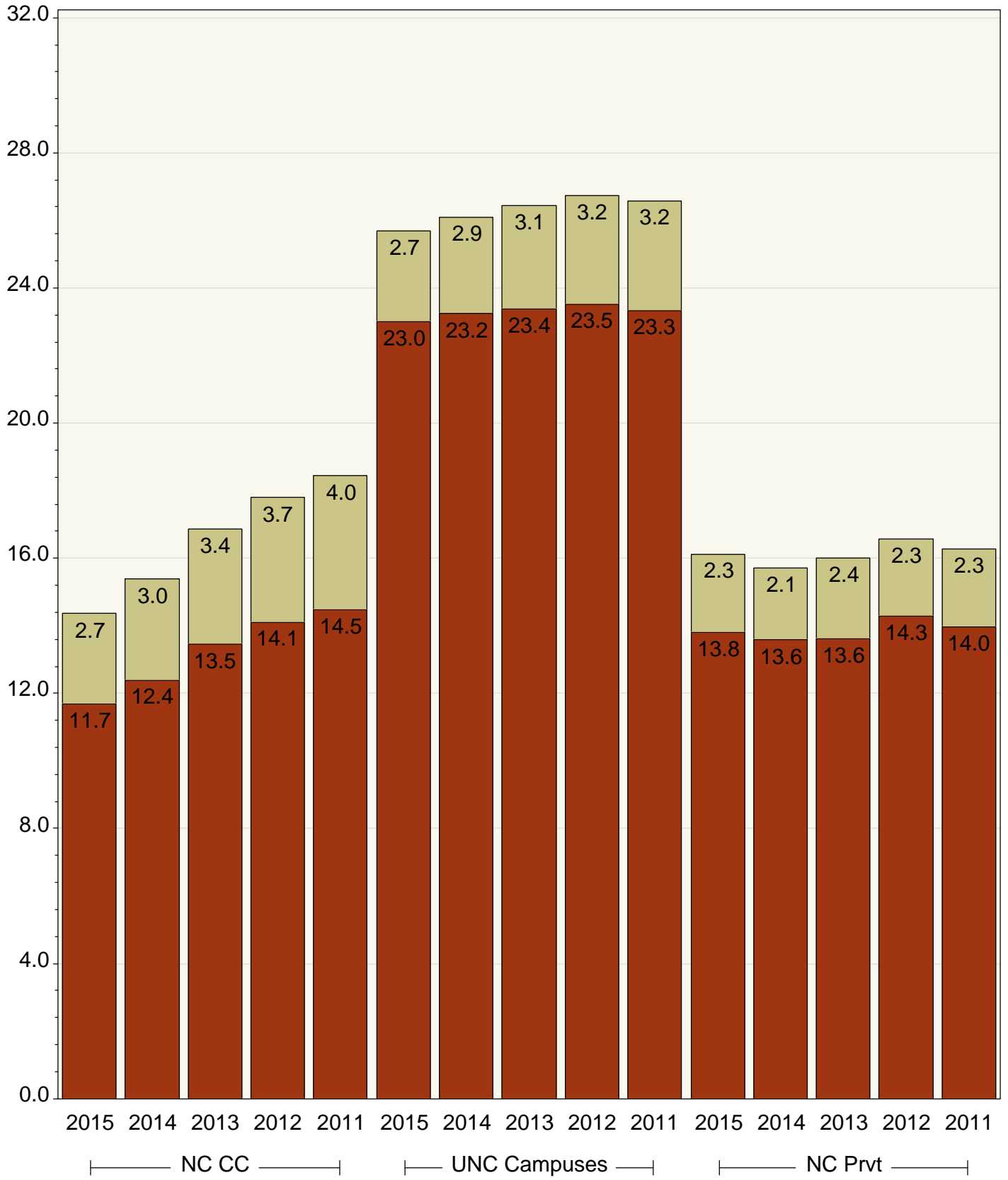
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section 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				
				2015	2014	2013	2012	2011
Public Institutions								
Research Universities I								
NC State	7,102.0	28.6	2.2	30.8	30.3	30.8	29.9	29.3
UNC-Chapel Hill	7,515.5	25.5	1.7	27.2	27.3	26.9	26.8	24.0
Subtotal	14,617.5	26.9	2.0	28.9	28.6	28.7	28.1	26.3
Doctoral Universities I and II								
East Carolina	5,260.0	24.5	1.6	26.1	27.0	27.1	27.1	27.9
NC A&T	3,458.0	19.9	2.7	22.6	24.9	24.1	23.6	19.8
UNC Charlotte	7,113.5	25.3	5.9	31.2	30.5	30.5	30.2	31.1
UNC Greensboro	4,033.5	24.8	3.2	28.0	28.2	30.0	32.2	32.5
Subtotal	19,865.0	23.9	3.5	27.4	27.9	28.0	28.3	27.6
Master's (Comprehensive) Universities and Colleges I								
Appalachian	6,079.0	26.7	2.2	28.9	30.2	30.3	31.0	30.4
Fayetteville	1,624.5	20.5	4.5	25.0	28.5	30.3	33.1	28.4
NC Central	2,416.0	14.2	1.9	16.1	17.6	18.9	19.2	20.2
UNC Pembroke	2,368.0	18.7	3.4	22.1	23.3	23.0	23.3	24.7
UNC Wilmington	4,444.0	24.4	2.6	27.0	26.8	26.7	27.3	28.9
Western Carolina	3,216.0	26.5	2.7	29.2	28.9	28.0	26.0	28.2
Winston-Salem	1,853.0	20.0	3.2	23.2	22.2	24.2	29.7	31.4
Subtotal	22,000.5	22.1	2.7	24.8	25.6	26.1	26.8	27.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	744.5	7.5	0.9	8.4	8.1	10.9	13.9	15.4
UNC Asheville	1,800.0	25.5	2.6	28.1	28.0	28.5	25.8	29.0
Subtotal	2,544.5	15.1	1.6	16.7	16.0	17.8	19.2	21.8
Schools of Art, Music, and Design								
UNC School of the Arts	541.5	11.1	0.5	11.6	10.6	11.3	11.7	11.6
Subtotal	541.5	11.1	0.5	11.6	10.6	11.3	11.7	11.6
Community Colleges								
Alamance	1,710.0	13.9	3.2	17.1	16.6	19.4	18.9	19.5
Asheville-Buncombe	1,404.0	9.7	2.4	12.1	14.8	18.8	15.7	18.2
Beaufort Co.	574.5	8.1	1.4	9.5	12.1	14.4	13.1	15.1
Bladen	517.0	11.5	2.5	14.0	12.5	18.0	18.3	18.5
Blue Ridge	1,073.0	10.6	3.4	14.0	14.7	16.3	15.9	15.9
Brunswick	1,396.0	14.6	2.5	17.1	15.4	18.9	17.9	20.3
Caldwell	1,415.0	10.5	1.9	12.4	11.0	14.8	17.6	17.3
Cape Fear	3,023.0	15.9	4.6	20.5	23.1	24.4	26.4	26.2
Carteret	842.0	9.2	3.8	13.0	11.7	14.8	14.6	14.1
Catawba Valley	1,121.0	9.9	1.8	11.7	13.5	16.4	18.1	20.6
Central Carolina	1,902.0	9.1	2.2	11.3	12.2	11.1	11.7	14.4
Central Piedmont	7,057.0	13.5	3.9	17.4	16.1	18.9	19.8	17.8
Cleveland	965.0	10.4	3.6	14.0	14.5	15.3	16.0	19.9
Coastal Carolina	1,855.0	15.9	3.4	19.3	18.3	20.2	23.9	22.1
Coll. of Albemarle	687.5	7.6	1.8	9.4	8.9	8.9	11.8	16.0
Craven	1,254.0	11.9	3.2	15.1	14.9	15.8	15.6	16.4
Davidson County	1,226.0	12.2	1.3	13.5	13.9	14.1	15.0	14.3
Durham	1,725.5	12.6	3.2	15.8	15.3	12.1	17.5	17.4
Edgecombe	1,001.0	11.2	3.5	14.7	16.1	13.5	18.3	20.0
Fayetteville	3,298.0	12.8	2.4	15.2	15.7	17.4	16.4	18.4
Forsyth	3,237.0	12.1	3.0	15.1	14.8	17.4	21.1	23.3
Gaston	1,781.0	10.1	3.1	13.2	11.3	13.1	14.5	16.5
Guilford	3,308.5	9.4	1.8	11.2	16.1	20.1	19.9	20.8
Halifax	517.5	9.6	1.2	10.8	14.7	16.3	15.3	15.5
Haywood	612.5	11.3	2.6	13.9	13.4	13.2	14.8	12.9
Isothermal	447.5	6.9	0.3	7.2	7.9	9.1	10.1	12.3
James Sprunt	488.0	9.5	2.7	12.2	14.7	15.7	16.7	14.8
Johnston	1,463.0	10.6	2.1	12.7	12.7	14.5	15.5	16.0
Lenoir	1,401.5	11.7	2.1	13.8	15.1	14.9	14.8	14.4

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2015	2014	2013	2012	2011
Martin	185.0	6.0	0.9	6.9	10.7	12.4	17.9	19.5
Mayland	498.0	9.2	1.4	10.6	12.4	12.5	15.2	15.4
McDowell	484.0	8.5	3.0	11.5	12.4	15.4	15.1	13.1
Mitchell	1,308.0	10.9	2.6	13.5	13.2	14.6	16.4	15.3
Montgomery	466.0	12.5	4.7	17.2	16.7	17.5	18.6	18.7
Nash	1,306.5	10.9	3.2	14.1	18.6	20.3	20.9	23.8
Pamlico	140.0	7.7	2.3	10.0	12.0	11.2	10.6	10.6
Piedmont	591.0	9.6	1.8	11.4	13.9	15.1	16.5	17.8
Pitt	2,446.5	21.0	4.8	25.8	27.3	28.0	29.2	33.8
Randolph	1,165.0	9.8	2.4	12.2	11.3	11.2	14.7	16.4
Richmond	763.5	12.4	2.0	14.4	17.9	21.0	21.2	15.0
Roanoke-Chowan	380.5	11.5	2.1	13.6	12.1	15.0	16.4	11.4
Robeson	788.0	14.0	3.2	17.2	19.1	20.1	19.1	21.1
Rockingham	584.5	13.0	2.3	15.3	16.4	16.5	21.5	19.5
Rowan-Cabarrus	2,003.5	11.6	4.2	15.8	23.9	24.2	22.6	25.2
Sampson	690.5	12.0	4.5	16.5	17.5	17.7	19.1	17.8
Sandhills	1,687.5	11.4	2.1	13.5	13.9	16.0	17.3	20.1
South Piedmont	876.5	11.8	2.4	14.2	14.3	12.9	15.5	14.4
Southeastern	468.0	6.9	1.2	8.1	9.8	10.3	13.0	14.3
Southwestern	889.0	14.9	1.0	15.9	19.0	17.6	19.0	18.2
Stanly	404.5	6.8	0.7	7.5	8.9	16.0	18.2	17.2
Surry	1,575.5	12.9	1.8	14.7	14.4	15.4	16.8	15.5
Tri-County	485.0	7.5	2.2	9.7	11.6	14.0	11.3	12.5
Vance-Granville	1,119.0	15.0	2.7	17.7	18.9	20.3	18.2	18.2
Wake	4,845.0	15.1	3.5	18.6	22.3	22.3	20.8	24.1
Wayne	996.5	14.7	2.5	17.2	19.0	17.0	16.5	17.7
Western Piedmont	825.5	11.7	2.1	13.8	12.8	16.1	18.6	23.5
Wilkes	1,379.5	10.8	1.3	12.1	15.6	16.0	17.3	17.8
Wilson	568.5	8.0	2.1	10.1	10.8	12.6	13.5	12.9
Subtotal	77,223.5	11.7	2.7	14.4	15.4	16.9	17.8	18.5
Private Institutions								
NC Private Universities								
Barton	639.0	13.9	2.1	16.0	15.8	17.4	17.0	16.4
Campbell	1,882.5	17.3	2.3	19.6	18.7	17.7	18.8	18.7
Mars Hill	966.0	12.4	2.5	14.9	14.1	16.0	16.9	14.8
Pfeiffer	557.0	8.9	2.2	11.1	12.2	11.8	12.0	13.4
Subtotal	4,044.5	13.8	2.3	16.1	15.7	16.0	16.6	16.3
Grand Total	140,837.0	15.1	2.7	17.8	18.5	19.8	20.5	20.9

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.

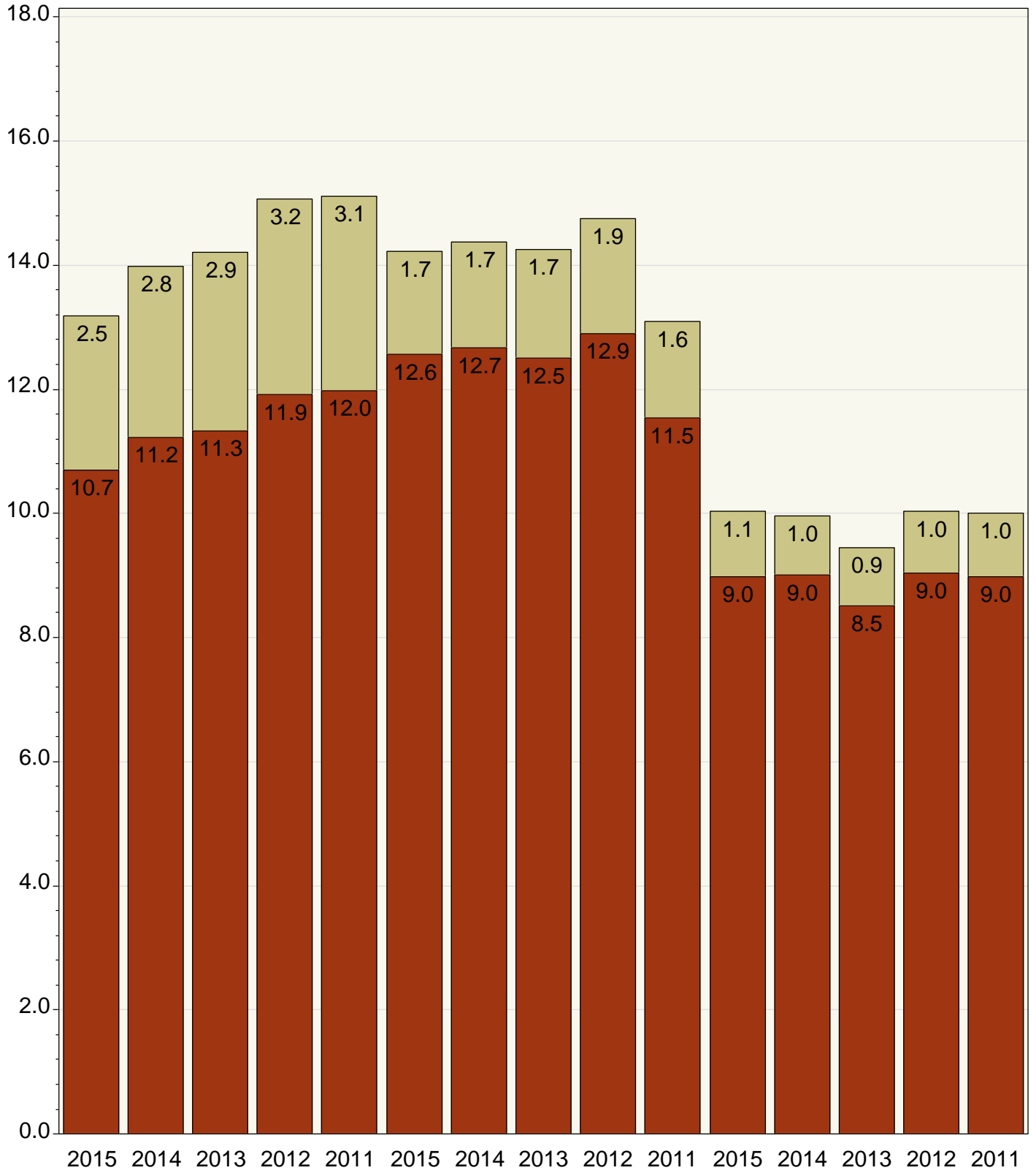
For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled 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.

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

Average Weekly Room Hours of Instruction In Laboratories



Day
 Night

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2015	2014	2013	2012	2011
Public Institutions								
Research Universities I								
NC State	3,346.5	12.3	1.0	13.3	12.7	12.4	11.5	12.5
UNC-Chapel Hill	1,205.0	9.7	1.5	11.2	11.7	11.5	13.9	9.3
Subtotal	4,551.5	11.5	1.2	12.7	12.5	12.2	12.1	11.4
Doctoral Universities I and II								
East Carolina	2,184.0	11.4	1.5	12.9	14.9	15.6	14.3	14.4
NC A&T	1,185.5	12.6	1.5	14.1	14.4	14.5	14.0	5.3
UNC Charlotte	2,179.5	15.5	3.5	19.0	16.8	15.6	16.7	16.7
UNC Greensboro	1,437.5	17.3	1.7	19.0	18.9	21.0	24.0	16.7
Subtotal	6,986.5	13.7	2.0	15.7	16.0	16.2	16.5	12.2
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,746.5	19.2	2.3	21.5	23.2	22.6	22.4	19.5
Fayetteville	666.0	11.0	1.6	12.6	11.2	12.2	15.9	14.5
NC Central	554.0	7.8	0.9	8.7	8.6	10.1	10.9	12.8
UNC Pembroke	544.5	15.5	2.1	17.6	17.5	17.1	15.8	15.2
UNC Wilmington	1,646.0	14.7	2.2	16.9	17.0	14.9	18.1	18.6
Western Carolina	1,169.5	13.2	1.8	15.0	14.9	14.0	14.2	15.2
Winston-Salem	596.0	10.2	1.1	11.3	10.7	9.8	12.5	13.2
Subtotal	7,922.5	13.9	1.8	15.7	15.8	15.2	16.5	16.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	336.0	4.1	0.5	4.6	6.2	8.2	8.9	8.5
UNC Asheville	351.5	12.1	2.5	14.6	15.1	13.5	13.4	14.1
Subtotal	687.5	6.1	1.0	7.1	8.5	10.0	10.7	10.7
Schools of Art, Music, and Design								
UNC School of the Arts	865.5	10.1	1.8	11.9	11.6	11.6	11.3	12.2
Subtotal	865.5	10.1	1.8	11.9	11.6	11.6	11.3	12.2
Community Colleges								
Alamance	851.5	12.4	3.1	15.5	16.7	16.6	16.3	17.4
Asheville-Buncombe	1,672.0	12.7	2.9	15.6	15.8	17.6	17.9	16.3
Beaufort Co.	309.5	7.7	2.0	9.7	10.4	10.5	13.8	14.7
Bladen	447.5	13.6	3.0	16.6	17.7	15.9	19.2	12.4
Blue Ridge	632.0	9.0	2.9	11.9	12.8	12.2	13.1	12.6
Brunswick	292.5	16.9	2.6	19.5	19.4	18.3	18.9	15.8
Caldwell	602.0	7.6	1.5	9.1	8.6	10.4	11.8	11.5
Cape Fear	2,540.5	17.3	3.5	20.8	23.8	20.9	24.3	23.8
Carteret	418.0	7.2	2.3	9.5	10.0	9.1	9.4	9.2
Catawba Valley	1,112.0	10.0	2.0	12.0	13.7	14.0	16.0	15.3
Central Carolina	1,023.0	8.4	1.6	10.0	8.5	8.8	10.3	10.2
Central Piedmont	2,682.0	11.9	3.0	14.9	14.6	13.9	12.9	12.8
Cleveland	708.0	8.0	3.0	11.0	11.0	12.4	14.1	14.0
Coastal Carolina	1,079.5	18.1	1.6	19.7	22.5	20.9	22.1	21.4
Coll. of Albemarle	502.0	6.5	1.0	7.5	7.8	7.3	9.6	12.4
Craven	616.5	11.0	3.7	14.7	14.9	13.0	12.3	12.2
Davidson County	609.5	9.1	1.6	10.7	10.7	10.2	14.7	13.0
Durham	870.0	7.5	3.1	10.6	11.7	9.0	12.7	14.1
Edgecombe	550.0	10.1	3.3	13.4	14.4	17.1	18.4	17.1
Fayetteville	2,391.5	11.9	3.0	14.9	13.4	15.0	13.6	13.9
Forsyth	1,850.0	10.6	2.6	13.2	16.1	17.0	17.8	20.1
Gaston	729.0	9.1	2.5	11.6	11.4	13.2	14.1	14.1
Guilford	1,206.5	5.7	1.0	6.7	10.0	11.1	10.0	11.7
Halifax	331.0	10.7	1.6	12.3	13.0	13.3	12.9	14.9
Haywood	841.5	11.6	1.8	13.4	12.7	12.7	12.5	11.4
Isothermal	452.0	7.6	2.2	9.8	10.0	12.2	13.8	15.4
James Sprunt	297.0	10.3	2.6	12.9	14.8	13.4	15.5	13.9
Johnston	484.0	8.1	1.8	9.9	10.4	11.9	10.6	12.8
Lenoir	732.5	8.7	2.1	10.8	12.2	10.8	11.9	11.4

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2015	2014	2013	2012	2011
Martin	222.5	8.7	0.2	8.9	15.4	16.4	15.1	16.7
Mayland	204.5	6.4	2.5	8.9	8.0	10.7	12.7	10.2
McDowell	493.0	12.0	5.0	17.0	16.1	21.4	22.3	20.4
Mitchell	461.0	8.7	2.8	11.5	10.9	12.8	14.9	15.0
Montgomery	336.5	15.4	5.6	21.0	22.4	22.7	20.8	19.9
Nash	471.0	8.4	2.8	11.2	16.7	16.9	17.5	19.2
Pamlico	171.5	6.4	3.6	10.0	13.2	11.0	11.0	9.5
Piedmont	450.5	13.1	2.9	16.0	17.8	19.7	22.1	23.3
Pitt	1,560.5	13.8	2.3	16.1	15.6	16.4	17.2	20.0
Randolph	519.0	8.0	2.0	10.0	8.8	10.6	10.3	9.6
Richmond	599.0	12.2	4.0	16.2	15.4	16.9	17.3	15.8
Roanoke-Chowan	320.0	11.9	4.1	16.0	16.0	17.3	17.8	16.4
Robeson	768.5	13.2	2.5	15.7	18.9	19.3	16.9	17.9
Rockingham	408.0	5.4	2.3	7.7	10.8	10.5	11.9	11.7
Rowan-Cabarrus	1,328.0	13.5	4.9	18.4	19.7	17.4	18.7	20.5
Sampson	346.0	10.6	2.7	13.3	12.5	12.6	13.3	10.4
Sandhills	608.0	9.2	1.3	10.5	9.8	9.9	11.3	12.3
South Piedmont	448.5	10.0	2.1	12.1	14.8	15.0	14.5	15.1
Southeastern	398.5	11.4	1.0	12.4	11.1	13.0	12.0	13.0
Southwestern	599.0	10.2	1.5	11.7	13.7	13.4	15.1	15.4
Stanly	136.5	3.9	0.9	4.8	11.6	15.6	18.6	13.5
Surry	633.0	11.6	1.6	13.2	13.2	13.5	14.0	14.1
Tri-County	443.0	11.7	3.6	15.3	13.2	15.4	16.0	16.3
Vance-Granville	906.5	11.9	2.7	14.6	17.8	14.8	18.2	13.6
Wake	3,264.0	14.3	3.5	17.8	18.7	17.3	19.0	19.7
Wayne	894.0	13.6	1.8	15.4	14.4	15.9	17.2	16.2
Western Piedmont	580.5	10.6	2.0	12.6	13.3	14.5	16.6	16.3
Wilkes	621.0	13.0	2.1	15.1	15.0	16.3	15.1	14.9
Wilson	504.5	13.4	3.5	16.9	18.3	17.1	15.5	13.6
Subtotal	45,529.5	10.7	2.5	13.2	14.0	14.2	15.0	15.1
Private Institutions								
NC Private Universities								
Barton	163.5	7.8	0.4	8.2	10.4	9.6	9.8	11.8
Campbell	499.5	11.6	2.7	14.3	13.0	13.1	13.4	12.5
Mars Hill	267.0	9.3	0.2	9.5	9.4	7.6	8.5	8.9
Pfeiffer	123.0	5.4	0.2	5.6	5.6	5.8	7.1	6.0
Subtotal	1,053.0	9.0	1.1	10.1	10.0	9.4	10.0	10.0
Grand Total	67,596.0	11.2	2.2	13.4	14.0	14.1	14.9	14.4

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.

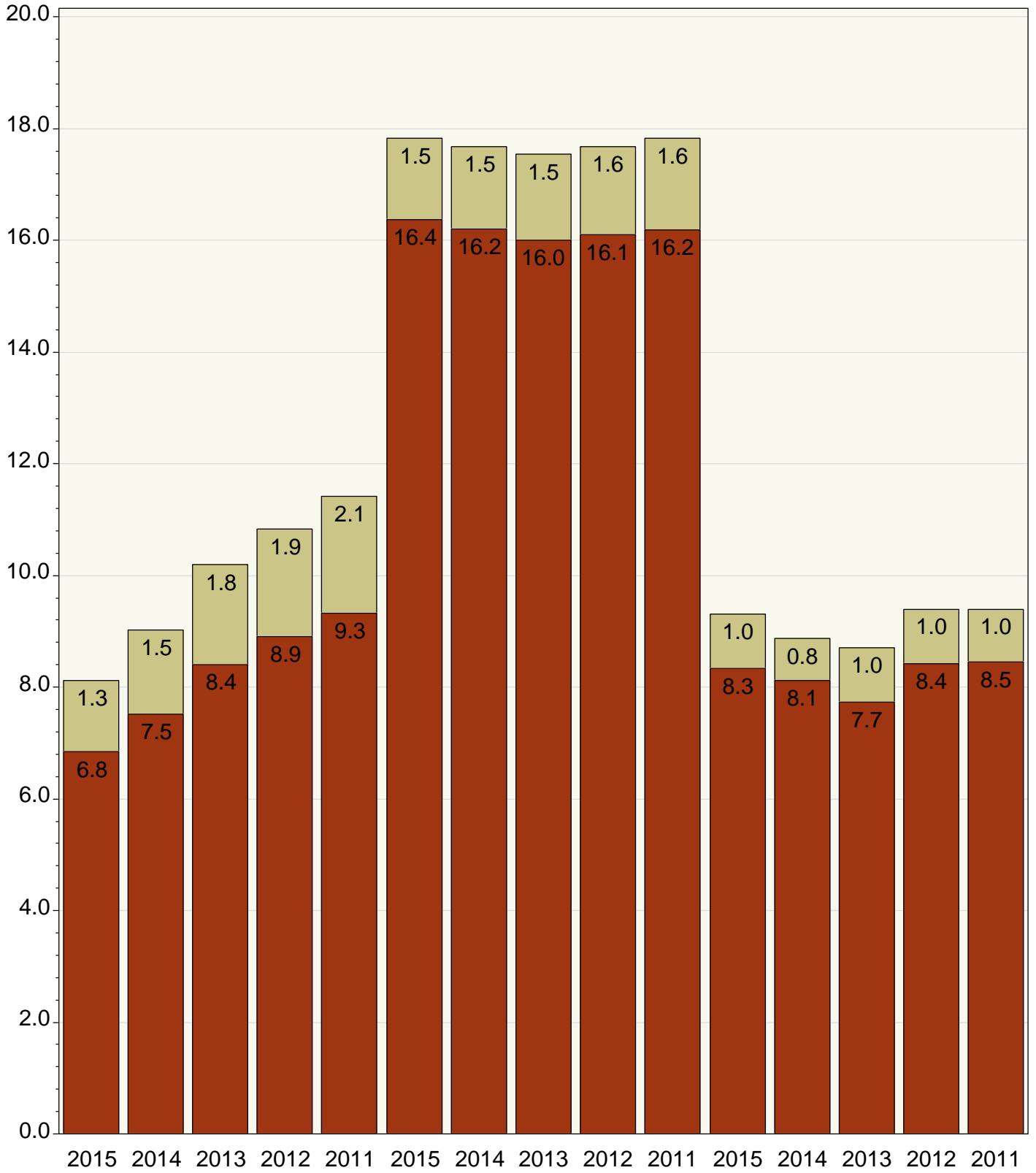
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 20 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table 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				
					2015	2014	2013	2012	2011
Public Institutions									
Research Universities I									
NC State	14,331	286,283	18.9	1.0	19.9	19.9	20.2	20.7	20.6
UNC-Chapel Hill	14,311	265,679	17.7	0.9	18.6	18.7	18.0	17.7	16.8
Subtotal	28,642	551,962	18.3	1.0	19.3	19.2	19.1	19.1	18.7
Doctoral Universities I and II									
East Carolina	10,191	207,716	19.2	1.2	20.4	19.0	19.2	19.2	20.1
NC A&T	6,832	96,204	12.8	1.3	14.1	14.4	13.6	13.3	12.5
UNC Charlotte	13,048	292,068	19.0	3.4	22.4	21.5	21.6	20.5	20.0
UNC Greensboro	8,641	154,197	16.4	1.5	17.9	17.9	17.1	18.8	19.5
Subtotal	38,712	750,185	17.4	2.0	19.4	18.7	18.4	18.5	18.4
Master's (Comprehensive) Universities and Colleges I									
Appalachian	8,544	178,330	19.6	1.2	20.8	22.2	21.9	22.0	22.2
Fayetteville	2,593	39,170	13.1	2.0	15.1	16.5	17.2	18.7	16.2
NC Central	6,305	64,045	9.1	1.0	10.1	10.1	10.9	11.2	11.6
UNC Pembroke	3,667	53,060	13.0	1.4	14.4	14.3	14.4	14.8	14.7
UNC Wilmington	7,596	140,078	16.8	1.6	18.4	18.4	17.8	17.3	19.5
Western Carolina	4,637	93,692	18.7	1.5	20.2	20.2	20.4	18.8	20.0
Winston-Salem	3,289	41,185	11.4	1.1	12.5	11.5	11.1	14.2	15.4
Subtotal	36,631	609,557	15.3	1.4	16.7	16.9	16.8	17.1	17.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	3,262	12,650	3.6	0.3	3.9	4.0	5.1	7.1	8.4
UNC Asheville	2,260	39,622	16.1	1.4	17.5	17.1	17.4	16.1	18.3
Subtotal	5,522	52,272	8.7	0.8	9.5	9.1	9.6	10.8	12.5
Schools of Art, Music, and Design									
UNC School of the Arts	1,158	7,873	6.5	0.3	6.8	6.2	6.4	6.7	7.5
Subtotal	1,158	7,873	6.5	0.3	6.8	6.2	6.4	6.7	7.5
Community Colleges									
Alamance	3,101	28,979	7.7	1.7	9.4	9.8	11.1	12.2	12.4
Asheville-Buncombe	3,519	26,771	6.4	1.2	7.6	9.2	12.2	11.7	12.4
Beaufort Co.	2,403	8,062	2.9	0.5	3.4	4.7	6.5	5.6	7.5
Bladen	969	6,610	5.8	1.0	6.8	7.8	8.4	7.5	9.9
Blue Ridge	1,987	11,378	4.6	1.1	5.7	6.3	7.6	8.2	8.6
Brunswick	2,036	18,584	8.0	1.1	9.1	7.2	8.9	8.1	9.0
Caldwell	3,322	21,193	5.7	0.7	6.4	6.2	9.3	11.5	11.6
Cape Fear	4,556	56,230	9.8	2.6	12.4	13.9	14.9	17.8	17.3
Carteret	1,473	10,023	5.1	1.7	6.8	6.5	7.0	7.7	7.8
Catawba Valley	2,860	20,257	6.2	0.9	7.1	8.7	8.9	11.5	12.0
Central Carolina	4,820	31,978	5.6	1.1	6.7	7.8	6.6	7.0	9.5
Central Piedmont	12,330	151,364	9.7	2.5	12.2	11.5	13.5	13.3	12.5
Cleveland	2,179	10,651	3.9	1.0	4.9	5.5	6.8	7.4	9.4
Coastal Carolina	2,928	32,077	9.5	1.5	11.0	10.5	11.7	14.0	13.2
Coll. of Albemarle	1,804	10,279	4.7	1.0	5.7	6.0	5.7	8.0	9.9
Craven	1,939	19,500	8.3	1.8	10.1	10.6	13.7	13.6	13.7
Davidson County	2,874	21,763	7.0	0.6	7.6	8.7	10.0	10.2	10.3
Durham	3,695	35,645	7.7	1.9	9.6	9.5	8.7	12.1	11.1
Edgecombe	1,771	12,272	5.8	1.1	6.9	8.7	8.1	11.6	12.2
Fayetteville	9,098	59,015	5.5	1.0	6.5	6.9	8.2	7.2	7.9
Forsyth	6,165	57,038	7.7	1.6	9.3	9.2	10.7	12.8	16.4
Gaston	4,544	33,204	6.0	1.3	7.3	6.7	8.6	8.8	10.0
Guilford	8,700	69,098	6.8	1.2	8.0	12.6	14.8	15.3	15.2
Halifax	1,309	7,476	5.3	0.4	5.7	7.2	8.5	8.9	9.5
Haywood	1,349	8,438	5.3	1.0	6.3	6.8	6.7	7.2	6.6
Isothermal	2,023	8,479	4.1	0.1	4.2	3.4	4.5	6.0	6.6
James Sprunt	970	6,328	5.8	0.7	6.5	6.0	7.9	9.1	8.4
Johnston	3,504	26,076	6.5	1.0	7.5	7.5	9.6	10.8	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				
					2015	2014	2013	2012	2011
Lenoir	2,823	18,931	5.9	0.8	6.7	7.7	7.8	8.3	8.8
Martin	739	1,566	1.9	0.2	2.1	4.7	6.5	8.4	9.8
Mayland	1,232	5,625	3.9	0.7	4.6	6.1	7.1	8.3	8.6
McDowell	1,225	4,934	3.0	1.0	4.0	4.2	5.5	7.7	6.6
Mitchell	2,837	21,797	6.5	1.2	7.7	8.2	9.0	10.4	10.6
Montgomery	809	5,080	4.8	1.5	6.3	6.9	6.6	6.9	7.5
Nash	2,799	20,421	5.9	1.4	7.3	9.8	10.1	11.1	12.9
Pamlico	303	1,139	3.3	0.4	3.7	4.3	4.4	4.9	4.1
Piedmont	1,297	7,526	5.0	0.8	5.8	6.9	6.7	7.4	9.5
Pitt	3,158	47,072	12.8	2.1	14.9	16.4	18.7	19.3	24.0
Randolph	2,645	19,879	6.2	1.4	7.6	7.4	7.8	9.4	10.5
Richmond	1,747	13,175	6.9	0.6	7.5	8.4	10.4	10.6	10.1
Roanoke-Chowan	728	3,598	4.3	0.6	4.9	8.3	7.5	10.2	6.1
Robeson	1,321	15,339	9.7	1.9	11.6	11.7	14.1	14.3	14.8
Rockingham	1,217	9,733	7.2	0.8	8.0	9.3	10.3	11.5	11.8
Rowan-Cabarrus	3,762	31,431	6.4	2.0	8.4	12.9	14.3	13.4	15.2
Sampson	1,382	12,455	6.7	2.4	9.1	9.7	9.9	10.5	11.3
Sandhills	4,092	29,228	6.4	0.7	7.1	7.9	9.2	10.6	12.0
South Piedmont	1,532	12,721	7.0	1.3	8.3	9.3	8.6	8.7	8.1
Southeastern	2,163	8,007	3.3	0.4	3.7	3.7	4.2	5.6	6.0
Southwestern	1,384	13,916	9.6	0.5	10.1	11.1	9.5	11.9	10.9
Stanly	1,917	5,735	2.7	0.3	3.0	3.7	6.9	7.7	8.5
Surry	3,172	25,807	7.3	0.9	8.2	9.5	10.3	10.4	9.4
Tri-County	1,270	4,238	2.8	0.6	3.4	5.8	6.8	5.6	6.2
Vance-Granville	2,029	16,681	7.2	1.0	8.2	9.3	10.1	10.4	10.2
Wake	9,510	116,564	10.4	1.9	12.3	14.3	14.7	13.6	17.2
Wayne	1,792	17,132	8.5	1.1	9.6	10.9	10.9	10.8	10.5
Western Piedmont	2,118	11,566	4.8	0.6	5.4	5.5	8.4	11.0	13.4
Wilkes	3,558	19,754	5.2	0.4	5.6	7.4	8.4	8.3	8.1
Wilson	1,844	7,793	3.5	0.7	4.2	4.7	6.4	6.5	5.6
Subtotal	164,633	1,337,599	6.8	1.3	8.1	9.0	10.2	10.8	11.4
Private Institutions									
NC Private Universities									
Barton	1,678	11,356	5.9	0.8	6.7	6.6	6.9	6.9	6.9
Campbell	5,197	59,245	10.4	1.0	11.4	10.5	9.8	11.3	11.5
Mars Hill	1,852	15,852	7.6	1.0	8.6	8.5	9.1	9.3	8.2
Pfeiffer	1,603	9,649	5.1	0.9	6.0	6.2	6.4	6.5	7.2
Subtotal	10,330	96,100	8.3	1.0	9.3	8.9	8.7	9.4	9.4
Grand Total	285,628	3,405,546	10.6	1.3	11.9	12.4	13.1	13.6	14.0

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.

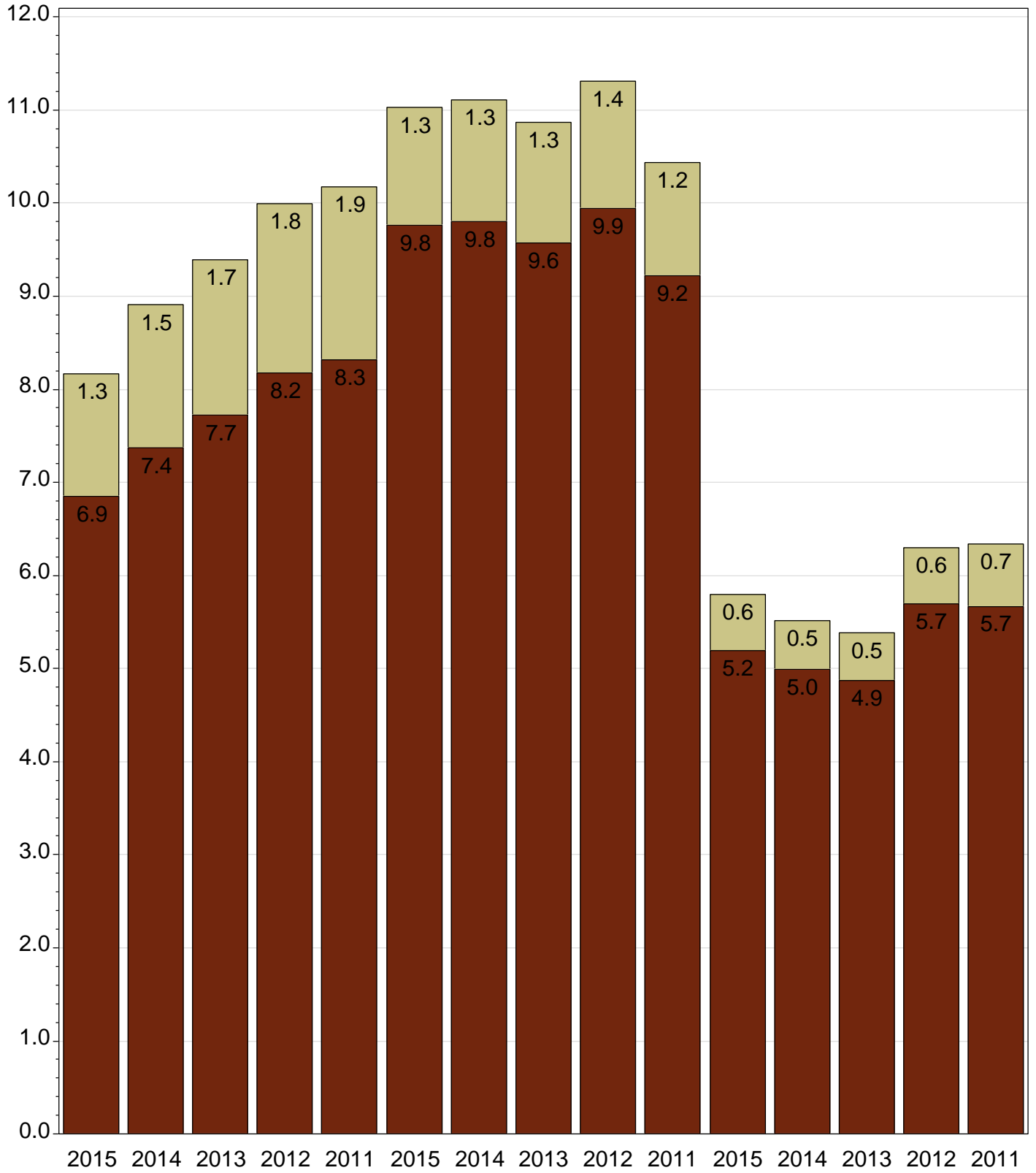
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for a discussion of what the term class laboratory includes and page 20 for precise definitions of daytime and nighttime 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				
					2015	2014	2013	2012	2011
Public Institutions									
Research Universities I									
NC State	6,601	74,974	10.6	0.8	11.4	11.3	11.0	10.9	11.3
UNC-Chapel Hill	2,949	22,469	6.2	1.4	7.6	8.1	8.6	11.2	8.1
Subtotal	9,550	97,443	9.2	1.0	10.2	10.3	10.4	11.0	10.5
Doctoral Universities I and II									
East Carolina	4,323	43,837	8.9	1.3	10.2	10.4	10.9	9.8	10.2
NC A&T	2,119	24,185	10.3	1.1	11.4	11.4	11.1	10.3	4.9
UNC Charlotte	3,218	44,646	11.4	2.4	13.8	12.5	12.0	11.3	11.5
UNC Greensboro	2,547	29,999	10.8	1.0	11.8	13.0	12.6	16.4	12.3
Subtotal	12,207	142,667	10.2	1.5	11.7	11.7	11.5	11.5	9.4
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,885	51,257	15.9	1.9	17.8	19.0	18.4	18.2	16.6
Fayetteville	1,439	13,290	7.9	1.3	9.2	8.5	9.2	11.0	9.6
NC Central	1,338	11,526	7.8	0.8	8.6	8.1	9.3	11.5	11.9
UNC Pembroke	689	9,175	12.3	1.0	13.3	12.9	12.2	12.2	11.0
UNC Wilmington	2,429	31,965	11.4	1.7	13.1	13.0	10.7	13.3	14.6
Western Carolina	2,059	24,835	10.7	1.3	12.0	12.0	11.4	11.3	12.1
Winston-Salem	1,209	8,978	6.9	0.5	7.4	7.7	6.2	7.4	8.0
Subtotal	12,048	151,024	11.1	1.4	12.5	12.5	11.7	12.8	12.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,644	5,460	2.7	0.6	3.3	4.1	6.1	6.5	6.3
UNC Asheville	575	5,827	8.4	1.7	10.1	10.2	8.9	9.5	10.4
Subtotal	2,219	11,287	4.2	0.9	5.1	5.8	7.1	7.7	7.8
Schools of Art, Music, and Design									
UNC School of the Arts	1,619	13,007	7.0	1.1	8.1	8.2	7.7	6.9	7.7
Subtotal	1,619	13,007	7.0	1.1	8.1	8.2	7.7	6.9	7.7
Community Colleges									
Alamance	1,331	12,731	8.1	1.4	9.5	10.0	10.3	9.6	10.9
Asheville-Buncombe	2,993	27,889	7.7	1.6	9.3	9.2	10.8	11.4	10.2
Beaufort Co.	1,288	3,061	1.9	0.4	2.3	3.9	4.1	5.2	5.9
Bladen	635	5,287	6.8	1.5	8.3	10.3	8.2	11.3	8.4
Blue Ridge	1,185	6,326	4.1	1.2	5.3	6.0	5.5	6.3	6.3
Brunswick	373	4,265	10.6	0.8	11.4	13.3	13.5	11.9	10.7
Caldwell	1,456	9,418	5.6	0.9	6.5	5.5	7.6	9.8	8.9
Cape Fear	3,013	38,239	10.7	2.0	12.7	15.4	15.2	17.1	17.2
Carteret	1,012	5,623	4.5	1.0	5.5	6.5	6.2	8.0	7.0
Catawba Valley	1,935	15,206	6.6	1.3	7.9	8.9	9.6	10.8	10.6
Central Carolina	2,326	14,244	5.3	0.8	6.1	5.8	6.0	6.7	6.2
Central Piedmont	4,410	46,613	8.5	2.0	10.5	9.8	9.4	8.6	8.9
Cleveland	1,421	7,991	4.6	1.0	5.6	6.5	8.2	8.9	9.5
Coastal Carolina	1,418	16,735	11.1	0.7	11.8	14.9	13.9	13.3	13.5
Coll. of Albemarle	1,259	6,238	4.4	0.5	4.9	5.1	5.1	6.9	8.5
Craven	1,082	8,044	5.7	1.8	7.5	7.7	7.9	7.9	7.9
Davidson County	1,512	10,314	6.0	0.8	6.8	6.7	6.6	8.4	8.5
Durham	1,896	13,131	5.0	1.9	6.9	8.0	6.5	8.3	9.3
Edgecombe	859	6,282	6.0	1.4	7.4	8.1	12.0	14.9	13.7
Fayetteville	4,080	36,209	7.3	1.6	8.9	8.5	9.8	9.3	8.4
Forsyth	3,048	26,994	7.3	1.6	8.9	10.9	12.0	12.5	15.0
Gaston	1,718	11,122	5.6	0.8	6.4	6.8	7.8	8.9	8.9
Guilford	3,878	25,937	5.9	0.8	6.7	10.1	9.3	8.1	9.8
Halifax	586	5,219	8.1	0.8	8.9	7.2	8.3	12.5	9.7
Haywood	1,272	9,319	6.4	0.9	7.3	7.6	7.8	9.5	9.1
Isothermal	993	7,125	6.1	1.1	7.2	7.4	9.0	10.9	11.8
James Sprunt	338	3,502	8.5	1.9	10.4	7.1	7.7	9.0	8.4
Johnston	1,238	6,577	4.4	0.9	5.3	5.9	7.1	7.1	8.6

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				
					2015	2014	2013	2012	2011
Lenoir	1,697	9,525	4.7	0.9	5.6	6.3	6.2	6.8	7.4
Martin	578	1,814	3.0	0.1	3.1	8.1	10.3	9.1	9.8
Mayland	454	2,557	4.2	1.4	5.6	5.6	7.2	6.6	6.9
McDowell	783	6,174	6.0	1.9	7.9	7.0	10.1	11.0	11.4
Mitchell	948	6,895	5.8	1.5	7.3	7.3	8.2	10.2	10.0
Montgomery	306	3,124	7.5	2.7	10.2	10.0	11.1	10.5	10.1
Nash	908	5,114	4.5	1.1	5.6	10.0	11.1	9.0	11.1
Pamlico	314	1,235	2.7	1.2	3.9	3.3	3.8	3.8	5.1
Piedmont	772	5,487	5.8	1.3	7.1	7.8	8.8	10.5	12.0
Pitt	1,701	22,902	11.6	1.9	13.5	13.0	14.4	15.3	17.4
Randolph	1,254	7,339	4.9	0.9	5.8	5.9	6.1	6.9	5.5
Richmond	846	8,136	7.7	1.9	9.6	9.5	11.3	10.8	11.6
Roanoke-Chowan	452	2,899	4.9	1.5	6.4	8.5	8.5	10.2	9.6
Robeson	1,137	13,050	10.3	1.2	11.5	13.4	14.9	14.5	13.9
Rockingham	1,056	4,678	3.2	1.2	4.4	6.4	6.1	6.9	7.1
Rowan-Cabarrus	1,658	18,134	8.5	2.5	11.0	12.2	11.7	12.7	13.3
Sampson	585	5,048	7.2	1.4	8.6	9.8	11.8	11.9	8.2
Sandhills	1,266	8,164	5.7	0.7	6.4	7.2	6.4	7.3	8.5
South Piedmont	880	6,069	5.8	1.1	6.9	8.5	9.4	8.5	9.0
Southeastern	868	4,371	4.7	0.3	5.0	4.8	5.0	5.3	6.7
Southwestern	798	7,797	8.6	1.1	9.7	10.4	11.0	11.4	11.5
Stanly	1,044	1,387	1.1	0.2	1.3	3.6	4.5	6.0	4.8
Surry	1,240	9,085	6.6	0.8	7.4	8.7	9.8	8.6	8.7
Tri-County	584	4,856	6.0	2.3	8.3	8.5	12.3	8.0	9.6
Vance-Granville	1,681	11,793	6.1	0.9	7.0	8.3	8.6	11.0	9.3
Wake	4,026	58,028	12.0	2.5	14.5	15.2	14.5	16.6	16.7
Wayne	1,545	14,913	8.8	0.9	9.7	9.0	10.6	11.6	11.8
Western Piedmont	938	7,164	6.9	0.8	7.7	8.2	8.8	9.2	10.9
Wilkes	1,113	6,525	5.3	0.5	5.8	6.2	7.2	6.3	6.7
Wilson	712	5,191	5.7	1.6	7.3	8.9	8.9	8.7	7.9
Subtotal	80,699	659,081	6.8	1.3	8.1	8.9	9.4	10.0	10.1
Private Institutions									
NC Private Universities									
Barton	475	2,808	5.7	0.2	5.9	7.2	7.6	7.3	7.4
Campbell	1,323	8,045	4.9	1.2	6.1	5.3	5.3	7.5	7.5
Mars Hill	742	4,018	5.3	0.1	5.4	5.1	4.3	4.6	5.2
Pfeiffer	426	2,339	5.3	0.2	5.5	5.0	5.0	5.3	4.3
Subtotal	2,966	17,209	5.2	0.6	5.8	5.5	5.4	6.3	6.4
Grand Total	121,308	1,091,716	7.7	1.3	9.0	9.5	9.7	10.3	10.2

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%.

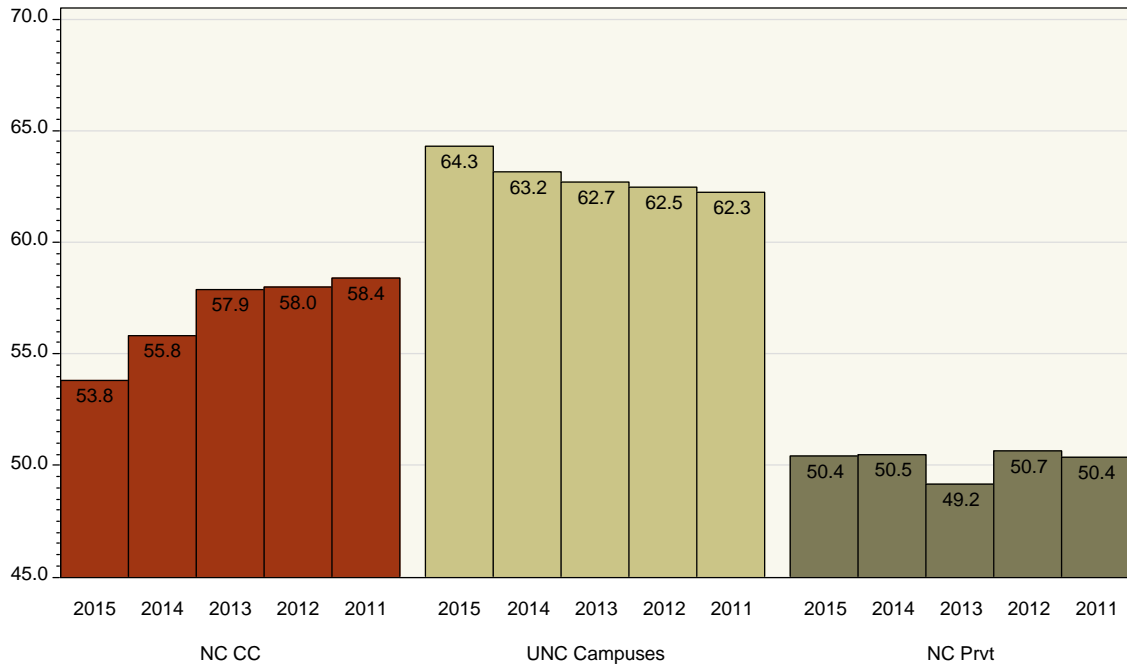
PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS)

=

STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)
POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)

Percent of Student Station Utilization Classrooms and Class Laboratories

In Classrooms



In Laboratories

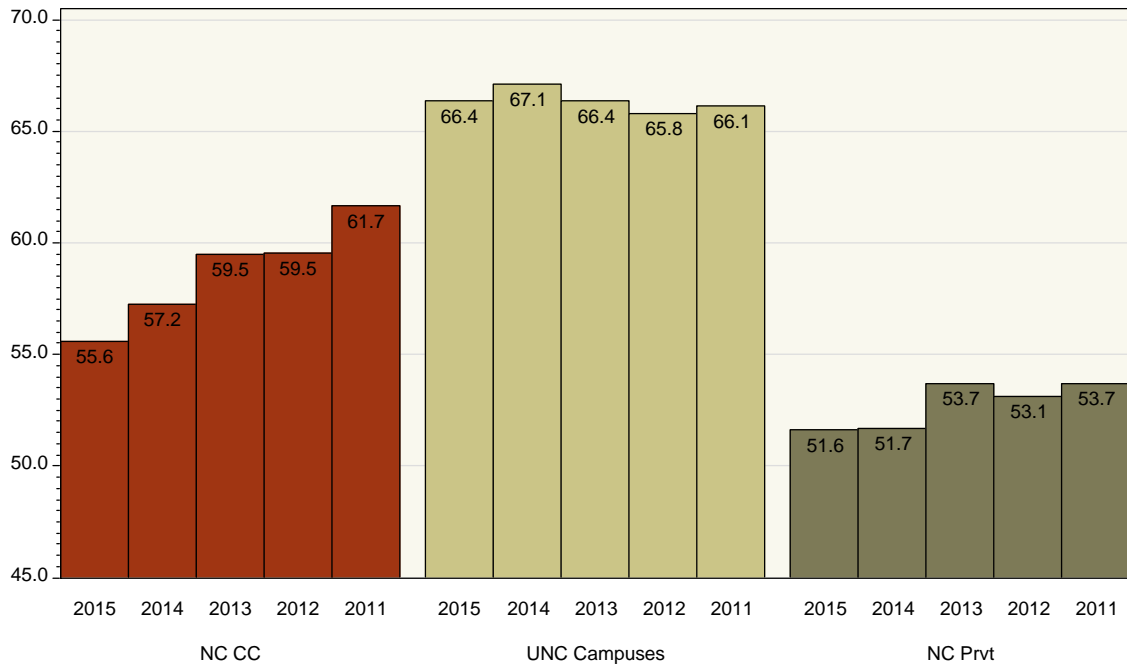


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011
Public Institutions										
Research Universities I										
NC State	63.8	65.2	64.5	66.3	66.9	75.9	77.7	76.6	75.4	78.9
UNC-Chapel Hill	66.7	64.9	66.0	66.4	65.0	52.5	57.7	65.3	71.7	73.4
Subtotal	65.1	65.1	65.2	66.4	66.0	68.8	71.7	73.9	74.3	77.6
Doctoral Universities I and II										
East Carolina	70.0	64.3	63.8	63.8	64.2	62.1	56.6	56.7	54.3	55.1
NC A&T	56.9	56.0	54.7	53.4	57.5	73.8	72.8	69.2	70.8	75.8
UNC Charlotte	67.8	65.9	67.9	65.0	61.2	64.6	67.0	67.6	63.4	59.9
UNC Greensboro	64.4	64.3	58.2	61.1	58.2	58.2	68.4	60.6	62.3	63.0
Subtotal	66.0	63.6	62.5	62.0	60.7	63.7	64.6	62.9	61.4	60.8
Master's (Comprehensive) Universities and Colleges I										
Appalachian	68.4	69.5	68.9	68.8	70.5	77.0	76.5	75.6	75.2	78.0
Fayetteville	57.2	55.6	54.5	54.5	54.8	65.3	63.7	61.2	59.9	55.6
NC Central	53.7	51.9	51.2	50.5	51.3	80.5	66.7	74.0	79.2	69.1
UNC Pembroke	62.3	59.2	59.9	62.0	58.1	68.0	65.4	65.0	66.1	61.7
UNC Wilmington	64.4	63.3	63.6	60.4	65.3	70.7	69.6	66.0	68.3	72.9
Western Carolina	67.6	68.0	70.6	70.7	69.2	62.7	63.9	64.7	61.8	62.8
Winston-Salem	50.1	48.3	45.0	48.2	48.5	46.5	53.3	49.9	47.5	50.8
Subtotal	62.7	62.1	61.6	60.9	61.8	69.0	68.3	67.4	67.0	67.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	40.6	41.8	44.1	48.2	46.6	52.2	48.3	54.0	56.9	50.4
UNC Asheville	60.3	59.8	61.0	59.3	60.7	59.3	60.0	61.3	65.3	68.1
Subtotal	54.0	53.6	54.1	54.3	54.3	55.7	53.2	57.0	60.7	57.8
Schools of Art, Music, and Design										
UNC School of the Arts	56.3	53.4	52.2	50.3	58.1	61.6	65.4	61.9	56.1	55.9
Subtotal	56.3	53.4	52.2	50.3	58.1	61.6	65.4	61.9	56.1	55.9
Community Colleges										
Alamance	48.4	51.4	50.5	57.1	54.0	55.2	53.8	55.3	52.0	55.1
Asheville-Buncombe	63.3	65.5	66.5	75.4	68.9	51.9	49.9	54.3	55.9	59.4
Beaufort Co.	32.5	35.6	40.1	42.1	45.9	23.3	35.2	38.2	38.8	42.2
Bladen	44.7	56.9	46.3	39.9	49.5	47.7	54.8	47.3	53.4	59.6
Blue Ridge	41.1	42.3	46.2	49.4	52.6	41.6	43.5	40.5	43.9	48.7
Brunswick	48.9	50.2	42.2	47.0	50.5	57.7	67.6	70.4	60.0	62.9
Caldwell	51.6	57.0	62.0	62.4	63.5	56.9	53.6	59.0	67.9	63.7
Cape Fear	58.5	58.8	60.0	63.6	63.9	58.2	62.8	67.8	67.9	69.4
Carteret	46.7	48.6	46.5	49.9	51.3	52.6	53.6	56.0	69.7	64.4
Catawba Valley	57.9	61.9	52.3	60.9	56.8	62.5	61.1	66.7	65.7	65.5
Central Carolina	54.5	57.8	53.2	54.3	61.7	54.2	62.3	61.4	61.6	59.2
Central Piedmont	68.1	69.1	70.7	65.8	67.5	68.6	62.3	63.6	62.5	63.8
Cleveland	35.1	38.7	44.4	45.6	45.4	39.6	45.2	51.3	50.3	55.9
Coastal Carolina	54.4	55.1	55.7	56.7	58.1	57.5	64.1	63.9	59.0	61.4
Coll. of Albemarle	56.1	59.2	54.2	55.9	55.7	55.5	56.2	60.2	63.0	62.8
Craven	63.2	65.8	79.4	79.8	75.4	51.4	51.5	58.8	60.8	62.5
Davidson County	49.5	54.6	61.0	57.9	62.6	56.4	53.9	56.3	49.6	59.8
Durham	55.0	54.7	67.8	61.7	56.3	54.6	56.3	60.5	59.5	59.8
Edgecombe	44.5	48.9	53.1	58.1	56.2	45.5	46.1	57.5	67.6	66.9
Fayetteville	41.4	42.1	45.2	42.0	40.6	57.1	61.1	61.6	62.8	56.6
Forsyth	57.0	57.3	57.4	56.4	64.2	62.0	63.7	66.0	66.4	68.9
Gaston	57.0	59.9	66.2	60.7	61.1	53.5	57.2	56.2	58.0	59.5
Guilford	63.2	73.9	71.4	71.7	67.8	69.6	76.9	66.3	56.9	65.6
Halifax	45.9	44.0	46.9	52.0	54.6	63.8	44.7	50.4	78.6	54.5
Haywood	45.4	53.1	52.1	49.6	51.6	45.3	49.7	50.4	55.4	55.9
Isothermal	51.4	39.5	43.2	48.3	50.3	60.0	60.0	65.7	69.0	67.3
James Sprunt	51.7	36.8	46.4	52.2	54.5	67.4	43.6	53.4	50.2	57.6
Johnston	51.6	52.8	59.7	63.9	61.7	51.9	53.1	56.9	62.6	63.5
Lenoir	49.0	52.3	55.7	60.4	59.5	45.4	46.1	52.4	50.8	60.0
Martin	32.9	43.3	52.8	46.6	48.3	30.9	44.6	54.1	50.7	52.3

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

Institution	Classrooms					Laboratories				
	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011
Mayland	43.5	49.7	59.0	56.7	56.3	54.5	56.9	56.1	49.3	68.7
McDowell	34.6	32.8	38.8	44.4	42.2	41.7	39.4	43.9	44.1	48.3
Mitchell	52.2	56.9	56.7	58.2	62.9	59.2	61.0	60.8	68.1	64.9
Montgomery	38.2	43.1	38.0	38.3	39.7	53.4	48.4	52.2	52.3	51.8
Nash	51.3	49.1	52.1	49.5	52.0	42.8	57.9	60.6	47.6	53.9
Pamlico	33.6	34.3	36.2	42.8	36.7	35.6	26.6	30.9	30.2	45.9
Piedmont	43.9	43.8	38.5	37.9	47.0	38.6	40.9	40.1	44.1	46.5
Pitt	56.7	59.4	65.7	65.6	69.7	69.2	69.3	71.5	73.5	70.4
Randolph	52.9	55.6	59.5	58.0	57.7	52.5	61.8	51.6	56.3	51.7
Richmond	46.7	41.8	45.6	46.7	56.7	54.7	55.6	59.5	57.4	65.9
Roanoke-Chowan	35.6	64.8	46.9	59.3	47.9	35.2	51.5	47.2	55.2	55.3
Robeson	66.4	60.2	66.7	73.9	69.3	71.7	70.3	73.9	84.1	79.7
Rockingham	48.4	53.4	58.9	49.9	57.2	45.0	48.9	47.5	48.4	51.5
Rowan-Cabarrus	53.6	54.5	59.6	59.4	59.1	55.9	58.5	63.9	62.8	65.5
Sampson	57.1	58.5	59.2	57.5	65.6	62.3	76.8	88.0	81.3	73.8
Sandhills	50.5	53.3	55.9	58.4	57.4	53.9	63.3	55.1	54.9	61.3
South Piedmont	55.0	59.2	63.4	54.5	52.5	53.2	51.1	56.5	56.5	55.9
Southeastern	38.7	36.9	38.5	36.8	35.3	37.9	39.4	36.5	40.2	47.9
Southwestern	62.6	56.4	52.0	59.5	56.4	69.7	64.1	67.0	65.6	65.4
Stanly	43.2	39.6	45.5	42.2	49.7	17.7	25.6	29.9	31.7	36.2
Surry	54.1	67.0	65.7	59.8	58.0	52.1	67.6	71.9	61.5	62.9
Tri-County	33.9	46.9	45.9	44.0	46.8	48.3	55.5	73.1	43.7	54.7
Vance-Granville	47.1	48.5	49.8	55.5	55.1	45.9	45.4	55.1	58.6	64.9
Wake	65.3	64.5	67.1	66.8	68.4	71.2	71.7	73.7	77.3	75.8
Wayne	52.0	53.3	59.8	58.8	54.4	57.6	52.1	57.8	61.0	68.9
Western Piedmont	39.9	43.9	53.8	59.4	55.4	54.4	55.8	59.4	50.7	63.2
Wilkes	42.2	45.5	49.5	46.6	43.8	37.0	38.8	41.7	40.0	41.7
Wilson	44.5	48.4	53.9	53.0	46.7	40.2	45.9	52.4	54.0	55.9
Subtotal	53.8	55.8	57.9	58.0	58.4	55.6	57.2	59.5	59.5	61.7
Private Institutions										
NC Private Universities										
Barton	39.3	38.4	37.4	38.4	39.5	62.1	56.8	63.0	65.1	56.3
Campbell	53.1	53.5	51.8	53.9	53.1	47.8	48.9	48.5	52.5	56.1
Mars Hill	53.6	54.1	54.2	53.7	52.8	44.5	44.0	47.5	39.6	44.5
Pfeiffer	46.6	47.2	46.9	49.3	49.6	79.1	79.5	77.0	69.1	62.4
Subtotal	50.4	50.5	49.2	50.6	50.3	51.6	51.7	53.7	53.1	53.7
Grand Total	59.3	59.5	60.1	60.1	60.1	59.2	60.4	61.6	61.4	63.0

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TABLE 8:
**STUDENT CLOCK HOURS
OF INSTRUCTION**

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

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 24. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on pp. 91-92.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

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

Table 8. Student Clock Hours of Instruction

Institution	2015			2014			2013		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Public Institutions									
Research Universities I									
NC State	286,282.5	74,974.0	20,513.0	293,932.0	76,414.0	20,727.0	298,001.0	71,738.5	23,346.5
UNC-Chapel Hill	265,679.0	22,468.5	10,242.0	267,018.0	24,012.0	10,151.5	277,060.0	19,915.0	9,286.5
Subtotal	551,961.5	97,442.5	30,755.0	560,950.0	100,426.0	30,878.5	575,061.0	91,653.5	32,633.0
Doctoral Universities I and II									
East Carolina	207,716.0	43,837.0	17,078.5	198,574.5	42,787.5	14,127.0	200,656.0	41,075.5	12,238.0
NC A&T	96,204.0	24,185.0	16,526.0	101,687.0	24,132.5	12,945.5	98,940.0	23,570.0	10,388.0
UNC Charlotte	292,068.0	44,645.5	7,444.5	276,115.0	50,442.0	7,501.0	268,101.5	47,785.5	7,287.0
UNC Greensboro	154,196.5	29,999.0	9,040.5	152,073.0	28,450.5	12,740.5	148,339.0	26,368.5	7,693.0
Subtotal	750,184.5	142,666.5	50,089.5	728,449.5	145,812.5	47,314.0	716,036.5	138,799.5	37,606.0
Master's (Comprehensive) Universities and Colleges I									
Appalachian	178,329.5	51,256.5	31,360.0	183,692.5	49,888.0	28,329.5	183,005.0	47,936.0	27,608.0
Fayetteville	39,169.5	13,289.5	4,838.0	42,943.5	12,218.5	5,105.0	44,768.5	12,839.0	5,469.0
NC Central	64,044.5	11,526.0	16,025.0	61,781.5	10,530.0	9,840.5	66,635.5	12,022.5	12,330.0
UNC Pembroke	53,059.5	9,175.0	2,100.0	52,799.0	8,917.0	1,721.0	52,607.5	8,452.5	1,847.0
UNC Wilmington	140,077.5	31,964.5	4,211.5	145,554.0	28,308.5	5,499.0	140,328.5	21,916.0	5,688.0
Western Carolina	93,692.0	24,834.5	10,759.0	96,653.5	24,080.0	9,851.5	92,837.5	22,281.0	13,576.5
Winston-Salem	41,184.5	8,977.5	7,759.0	37,927.0	9,286.5	6,460.0	39,494.5	9,580.5	6,579.5
Subtotal	609,557.0	151,023.5	77,052.5	621,351.0	143,228.5	66,806.5	619,677.0	135,027.5	73,098.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	12,649.5	5,460.0	973.5	12,564.0	6,403.5	927.0	16,872.5	9,091.5	1,735.5
UNC Asheville	39,622.0	5,827.0	15,233.0	34,046.5	5,642.5	16,574.0	34,003.0	7,070.0	13,986.5
Subtotal	52,271.5	11,287.0	16,206.5	46,610.5	12,046.0	17,501.0	50,875.5	16,161.5	15,722.0
Schools of Art, Music, and Design									
UNC School of the Arts	7,872.5	13,007.0	10,553.0	7,646.0	12,817.0	10,446.5	7,909.0	12,464.0	9,776.5
Subtotal	7,872.5	13,007.0	10,553.0	7,646.0	12,817.0	10,446.5	7,909.0	12,464.0	9,776.5
Community Colleges									
Alamance	28,979.0	12,731.0	-	30,491.0	13,411.5	21.0	34,744.5	13,762.5	79.0
Asheville-Buncombe	26,770.5	27,889.0	1,033.0	32,427.0	26,817.5	1,854.0	42,250.0	31,094.0	5,344.0
Beaufort Co.	8,062.0	3,061.0	662.0	11,039.5	5,020.5	1,126.0	15,875.5	5,214.0	1,068.0
Bladen	6,609.5	5,287.0	98.0	7,975.5	6,335.0	250.0	9,585.5	4,327.5	2,989.0
Blue Ridge	11,377.5	6,325.5	1,020.0	12,469.5	7,048.5	3,342.5	15,221.5	6,469.0	3,785.5
Brunswick	18,583.5	4,264.5	1,799.0	14,620.5	5,378.0	4,002.0	17,306.5	5,466.0	4,834.5
Caldwell	21,193.0	9,418.0	1,263.5	20,268.0	7,895.0	1,585.0	28,263.5	9,754.5	2,349.5
Cape Fear	56,229.5	38,238.5	5,167.5	61,131.5	44,852.5	4,619.0	61,750.0	44,932.0	6,911.0
Carteret	10,023.0	5,623.0	454.0	9,849.0	6,558.5	745.5	10,668.5	6,288.5	1,285.5
Catawba Valley	20,256.5	15,205.5	2,752.0	23,586.0	16,593.0	3,386.0	23,536.0	18,191.5	5,599.5
Central Carolina	31,978.0	14,243.5	2,083.0	39,809.5	14,619.5	2,177.5	33,603.0	15,088.0	2,099.0
Central Piedmont	151,364.0	46,612.5	7,482.0	141,367.5	41,372.0	5,418.0	155,864.5	35,675.5	7,435.5
Cleveland	10,650.5	7,991.0	337.0	11,475.5	10,249.0	828.0	13,973.5	12,696.5	2,323.0
Coastal Carolina	32,076.5	16,734.5	959.5	30,633.0	21,155.5	2,994.5	32,581.0	20,748.5	3,074.0
Coll. of Albemarle	10,279.0	6,238.0	1,969.0	10,607.5	6,253.0	2,073.0	10,535.5	6,536.0	3,162.5
Craven	19,499.5	8,044.0	1,649.0	19,370.5	7,764.0	2,332.0	23,901.0	8,064.5	1,679.0
Davidson County	21,763.0	10,313.5	1,751.0	24,321.5	10,612.0	2,412.5	27,842.0	10,418.0	2,944.5
Durham	35,644.5	13,131.0	427.0	37,740.0	14,561.0	766.0	34,878.0	11,806.5	729.0
Edgecombe	12,272.0	6,282.0	1,244.5	15,445.5	7,001.0	2,144.5	14,022.5	10,222.0	1,556.5
Fayetteville	59,014.5	36,209.0	2,719.5	63,026.5	34,138.5	3,707.0	76,550.0	38,098.0	4,732.0
Forsyth	57,038.0	26,993.5	3,327.5	55,663.5	27,529.5	6,464.5	64,495.0	30,089.5	10,549.5
Gaston	33,204.0	11,121.5	2,316.0	30,458.0	12,829.5	3,614.0	38,279.0	14,826.5	3,180.0
Guilford	69,098.0	25,937.0	2,764.5	108,757.5	38,885.5	11,939.0	123,014.5	34,490.5	8,451.5
Halifax	7,476.0	5,219.0	1,216.5	9,178.0	4,259.0	1,429.0	10,866.0	4,921.0	1,608.5
Haywood	8,438.0	9,318.5	706.5	9,240.5	9,401.0	1,062.0	9,018.0	10,163.5	791.0
Isothermal	8,479.0	7,125.0	2,261.0	6,961.5	7,697.0	1,020.0	9,361.5	9,455.5	3,651.5
James Sprunt	6,328.0	3,501.5	2,441.0	6,811.5	3,381.0	2,986.0	8,719.5	3,630.0	2,178.0
Johnston	26,075.5	6,576.5	3,637.5	26,523.5	7,218.5	1,167.5	32,698.5	9,637.0	1,887.0
Lenoir	18,930.5	9,524.5	2,980.0	21,809.0	9,965.0	4,461.5	21,993.5	9,917.5	4,429.5
Martin	1,565.5	1,813.5	1,956.5	3,681.0	4,701.5	423.0	5,061.5	5,937.5	3,366.5
Mayland	5,625.0	2,557.0	521.0	7,180.0	2,326.5	1,090.0	8,294.5	2,784.0	348.0

Table 8. Student Clock Hours of Instruction

Institution	2015			2014			2013		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
McDowell	4,934.0	6,174.0	399.0	5,055.0	5,485.5	411.5	6,083.0	6,387.5	958.5
Mitchell	21,796.5	6,894.5	4,086.0	25,135.0	7,096.0	3,862.0	27,464.0	7,970.0	4,047.5
Montgomery	5,079.5	3,123.5	712.0	5,534.0	3,174.5	728.0	5,304.5	3,530.0	540.0
Nash	20,421.0	5,114.0	1,441.0	21,138.5	7,447.0	4,273.0	20,379.0	8,581.5	5,318.5
Pamlico	1,139.0	1,235.0	350.0	2,081.0	859.0	55.0	2,141.0	972.5	22.0
Piedmont	7,526.0	5,487.0	1,247.0	8,978.5	6,001.0	1,455.5	8,670.0	6,767.5	911.5
Pitt	47,072.0	22,901.5	2,164.5	51,918.5	21,708.5	3,134.0	61,503.5	24,023.0	2,246.0
Randolph	19,879.0	7,338.5	1,768.5	19,588.5	7,268.0	1,670.5	21,292.5	7,699.0	626.5
Richmond	13,175.0	8,135.5	1,218.0	14,259.5	8,552.5	1,721.0	17,514.0	8,307.5	1,382.0
Roanoke-Chowan	3,598.0	2,899.0	822.0	6,036.5	3,970.0	1,575.0	6,669.5	3,988.5	4,605.0
Robeson	15,339.0	13,050.0	-	15,255.5	14,030.5	684.0	20,289.5	16,271.5	1,618.5
Rockingham	9,733.0	4,678.0	694.0	14,562.5	6,764.0	1,790.0	16,817.0	6,573.0	2,615.0
Rowan-Cabarrus	31,430.5	18,134.0	4,422.0	41,585.5	18,947.5	1,583.5	48,593.5	18,370.0	1,614.0
Sampson	12,455.0	5,047.5	645.0	13,312.0	5,749.5	375.0	13,652.0	6,946.0	968.5
Sandhills	29,227.5	8,163.5	662.0	30,880.5	8,944.0	3,867.5	34,185.5	7,967.5	4,450.0
South Piedmont	12,721.0	6,068.5	1,379.0	13,080.5	7,547.0	2,329.0	12,996.0	7,751.5	1,178.0
Southeastern	8,006.5	4,371.0	2,042.5	8,118.5	4,152.0	1,969.5	8,946.5	4,445.0	1,752.5
Southwestern	13,916.0	7,796.5	1,822.0	14,963.0	8,203.0	1,185.0	13,607.5	8,097.5	1,515.5
Stanly	5,734.5	1,386.5	191.0	7,005.5	3,582.5	1,615.0	12,955.5	4,861.0	609.0
Surry	25,806.5	9,084.5	6,459.0	29,855.5	9,657.5	7,173.5	32,250.0	11,045.5	5,537.0
Tri-County	4,238.0	4,855.5	616.0	7,388.0	4,882.0	188.0	7,223.5	7,555.0	82.5
Vance-Granville	16,680.5	11,792.5	1,825.0	19,502.0	13,904.5	1,665.0	21,813.5	14,420.5	1,478.0
Wake	116,563.5	58,028.0	7,518.5	121,157.0	56,693.0	11,397.5	125,511.5	53,346.5	9,497.0
Wayne	17,132.0	14,913.0	280.0	19,440.0	13,443.5	717.0	18,549.0	16,568.5	3,184.0
Western Piedmont	11,566.0	7,164.0	2,141.0	11,730.0	8,964.5	3,367.0	15,493.0	9,869.5	2,074.0
Wilkes	19,754.0	6,525.0	2,206.0	22,760.5	8,317.0	2,432.0	25,582.0	10,052.5	2,181.5
Wilson	7,792.5	5,190.5	1,770.0	8,773.0	6,270.0	1,508.0	11,805.0	6,564.0	1,954.0
Subtotal	1,337,599.0	659,080.5	107,879.5	1,463,013.0	707,443.5	144,172.5	1,632,045.5	739,637.5	167,388.0
Private Institutions									
NC Private Universities									
Barton	11,355.5	2,807.5	903.0	11,008.0	3,389.5	960.0	11,681.5	3,628.0	1,050.5
Campbell	59,244.5	8,044.5	6,567.0	54,469.5	7,005.0	6,132.5	50,762.5	6,994.5	6,607.5
Mars Hill	15,851.5	4,018.0	1,720.0	15,829.0	3,790.5	1,827.0	16,943.0	3,218.0	1,686.0
Pfeiffer	9,648.5	2,339.0	519.0	9,969.0	2,135.5	501.0	10,192.0	2,102.5	741.5
Subtotal	96,100.0	17,209.0	9,709.0	91,275.5	16,320.5	9,420.5	89,579.0	15,943.0	10,085.5
Grand Total	3,405,546.0	1,091,716.0	302,245.0	3,519,295.5	1,138,094.0	326,539.5	3,691,183.5	1,149,686.5	346,309.0

TABLE 9: SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines 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:

$$\text{Classroom Space Factor} = \frac{22}{17.8 \times .593} = 2.09$$

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				
	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011
Public Institutions															
Research Universities I															
NC State	0.87	0.86	0.84	0.82	0.81	3.61	3.62	3.80	3.97	3.63	1.44	1.43	1.42	1.41	1.35
UNC-Chapel Hill	0.94	0.93	0.96	0.98	1.06	4.30	4.02	4.32	3.24	4.83	1.20	1.19	1.19	1.18	1.33
Subtotal	0.90	0.90	0.90	0.90	0.93	3.77	3.72	3.92	3.76	3.90	1.33	1.32	1.31	1.30	1.34
Doctoral Universities I and II															
East Carolina	0.86	0.91	0.92	0.90	0.86	3.72	3.60	3.53	3.86	3.73	1.36	1.38	1.36	1.37	1.31
NC A&T	1.42	1.35	1.41	1.45	1.55	3.46	3.49	3.54	3.62	8.12	1.83	1.76	1.82	1.85	2.62
UNC Charlotte	0.80	0.82	0.82	0.84	0.86	2.83	3.09	3.73	3.60	3.45	1.07	1.17	1.26	1.26	1.29
UNC Greensboro	0.95	0.94	0.99	0.90	0.87	4.08	3.66	3.82	2.82	3.90	1.46	1.37	1.42	1.21	1.28
Subtotal	0.93	0.95	0.97	0.95	0.96	3.47	3.42	3.65	3.49	4.32	1.33	1.36	1.40	1.36	1.48
Master's (Comprehensive) Universities and Colleges I															
Appalachian	0.94	0.88	0.90	0.89	0.88	2.45	2.34	2.41	2.44	2.68	1.28	1.20	1.21	1.22	1.23
Fayetteville	1.34	1.23	1.18	1.06	1.24	4.05	4.41	4.06	3.28	3.56	2.03	1.93	1.82	1.54	1.72
NC Central	1.84	1.84	1.69	1.65	1.55	5.04	5.17	4.53	3.66	3.37	2.33	2.33	2.13	2.01	1.91
UNC Pembroke	1.59	1.59	1.58	1.55	1.35	3.12	3.21	3.39	3.45	3.73	1.81	1.83	1.83	1.81	1.63
UNC Wilmington	1.09	1.08	1.12	1.16	0.99	2.88	2.98	3.64	2.90	2.66	1.42	1.39	1.46	1.45	1.30
Western Carolina	1.02	1.02	1.02	1.11	1.04	3.67	3.72	3.84	3.98	3.45	1.57	1.56	1.57	1.66	1.53
Winston-Salem	1.59	1.73	1.76	1.37	1.26	4.87	4.71	5.64	4.72	4.39	2.18	2.31	2.51	1.98	1.81
Subtotal	1.21	1.18	1.18	1.17	1.10	3.27	3.29	3.48	3.19	3.14	1.62	1.58	1.60	1.55	1.48
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	5.41	5.09	3.71	2.64	2.11	10.12	9.22	6.26	5.90	6.16	6.83	6.49	4.61	3.58	3.21
UNC Asheville	1.23	1.27	1.24	1.39	1.19	4.06	4.19	4.92	4.45	4.38	1.59	1.68	1.87	2.02	1.79
Subtotal	2.24	2.30	2.06	1.88	1.55	6.99	6.87	5.68	5.19	5.28	3.08	3.24	2.93	2.68	2.38
Schools of Art, Music, and Design															
UNC School of the Arts	3.54	4.05	3.92	3.92	3.28	6.23	6.21	6.71	7.16	6.46	5.22	5.41	5.62	5.77	5.13
Subtotal	3.54	4.05	3.92	3.92	3.28	6.23	6.21	6.71	7.16	6.46	5.22	5.41	5.62	5.77	5.13
Community Colleges															
Alamance	2.45	2.34	2.05	1.87	1.84	4.66	4.42	4.31	4.64	4.09	3.12	2.97	2.69	2.57	2.45
Asheville-Buncombe	3.47	2.86	2.11	2.22	2.09	5.06	5.26	4.41	4.31	4.76	4.28	3.95	3.09	3.17	3.23
Beaufort Co.	6.00	4.24	3.03	3.56	2.62	16.15	10.17	9.66	7.26	7.06	8.79	6.09	4.67	4.82	4.13
Bladen	3.37	2.83	2.80	3.12	2.36	5.87	4.84	6.34	4.97	6.73	4.48	3.72	3.90	3.90	3.62
Blue Ridge	5.38	4.92	4.03	3.80	3.66	13.24	11.93	13.00	11.36	11.46	8.19	7.45	6.71	6.17	6.06
Brunswick	3.26	3.32	2.74	3.02	2.80	4.52	4.20	4.13	4.68	5.17	3.50	3.56	3.07	3.42	3.26
Caldwell	4.39	4.49	3.00	2.42	2.38	9.06	9.37	7.05	5.50	6.04	5.83	5.86	4.04	3.23	3.27
Cape Fear	2.04	1.86	1.79	1.52	1.55	3.87	3.10	3.23	2.88	2.88	2.78	2.38	2.40	2.06	2.07
Carteret	4.14	4.27	3.93	3.53	3.46	9.28	7.95	8.30	6.49	7.39	5.99	5.74	5.55	4.73	4.96
Catawba Valley	3.68	2.99	2.84	2.25	2.07	6.28	5.50	5.17	4.68	4.79	4.80	4.02	3.86	3.25	3.16
Central Carolina	3.61	3.04	3.61	3.35	2.44	6.69	6.88	6.92	6.18	6.70	4.56	4.07	4.64	4.23	3.42
Central Piedmont	2.36	2.51	2.11	2.14	2.17	5.51	5.98	6.67	7.55	7.55	3.10	3.29	2.96	3.04	3.04
Cleveland	4.68	4.15	3.36	3.08	2.37	6.94	5.79	4.60	4.24	3.89	5.65	4.92	3.95	3.63	3.02
Coastal Carolina	2.29	2.23	1.78	1.49	1.58	3.50	2.77	3.23	3.50	3.46	2.70	2.45	2.34	2.17	2.25
Coll. of Albemarle	5.74	5.48	5.26	3.73	3.16	11.87	11.70	11.91	7.98	6.35	8.05	7.79	7.81	5.27	4.24
Craven	2.64	2.61	2.04	2.05	2.03	7.30	7.56	7.29	6.99	7.01	4.00	4.03	3.37	3.30	3.28
Davidson County	3.12	2.72	2.35	2.31	2.28	6.09	5.82	5.92	4.69	4.60	4.08	3.66	3.32	3.06	2.99
Durham	2.28	2.33	2.53	1.81	1.97	6.50	5.69	7.02	5.61	5.03	3.42	3.27	3.66	2.68	2.80
Edgecombe	2.84	2.26	2.44	1.70	1.62	6.49	5.83	3.99	3.20	3.47	4.08	3.37	3.09	2.29	2.29
Fayetteville	2.68	2.49	2.09	2.39	2.11	4.92	4.89	4.27	4.53	5.04	3.53	3.34	2.82	3.13	3.00
Forsyth	2.59	2.60	2.22	1.87	1.47	7.08	5.50	5.03	5.00	3.66	4.03	3.56	3.11	2.91	2.18
Gaston	3.17	3.41	2.68	2.58	2.28	7.21	6.37	5.54	4.83	4.85	4.18	4.29	3.48	3.24	2.93
Guilford	3.01	1.89	1.59	1.55	1.59	7.40	4.92	5.33	6.08	5.17	4.21	2.68	2.41	2.42	2.40
Halifax	5.09	4.02	3.40	3.23	3.03	6.82	8.61	7.46	4.92	6.35	5.80	5.48	4.66	3.90	4.10
Haywood	3.83	3.50	3.58	3.17	3.57	7.54	7.48	7.42	6.25	7.39	5.78	5.50	5.62	4.96	5.73
Isothermal	5.55	6.89	5.16	3.82	3.11	6.84	6.65	5.38	4.44	4.10	6.14	6.76	5.27	4.12	3.61
James Sprunt	4.69	4.02	3.04	2.62	2.85	5.93	5.80	5.40	4.42	4.83	5.13	4.61	3.73	3.15	3.45
Johnston	3.16	3.10	2.47	2.18	2.18	9.50	8.51	6.83	6.84	5.63	4.43	4.26	3.46	3.13	3.00
Lenoir	3.80	3.29	3.24	3.13	2.91	7.82	7.06	7.09	6.87	6.55	5.15	4.47	4.44	4.15	3.94
Martin	14.15	6.22	4.53	3.45	2.94	17.66	6.81	5.39	6.07	5.64	16.03	6.55	4.99	4.64	4.11
Mayland	5.63	4.23	3.66	3.12	3.02	10.56	9.15	7.34	7.98	7.62	7.17	5.43	4.59	4.14	3.99

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011
McDowell	5.67	5.53	3.87	2.80	3.25	8.63	9.71	4.87	4.48	4.41	7.31	7.71	4.38	3.56	3.84
Mitchell	2.94	2.76	2.52	2.20	2.16	6.37	6.34	5.65	4.52	4.63	3.76	3.55	3.22	2.75	2.73
Montgomery	3.72	3.44	3.59	3.41	3.13	5.02	5.56	5.00	4.58	4.66	4.21	4.21	4.15	3.87	3.71
Nash	3.44	2.48	2.37	2.17	1.86	8.51	4.96	4.52	5.61	4.38	4.46	3.12	3.01	2.98	2.49
Pamlico	8.88	6.65	6.47	5.89	6.88	10.71	12.30	10.87	10.81	8.00	9.83	8.31	7.84	7.34	7.32
Piedmont	4.79	4.02	4.16	3.82	2.96	5.46	4.99	4.43	3.70	3.24	5.08	4.41	4.28	3.77	3.08
Pitt	1.68	1.52	1.33	1.28	1.03	5.04	5.27	4.71	4.38	2.89	2.78	2.63	2.28	2.17	1.60
Randolph	3.20	3.25	3.06	2.48	2.17	10.76	10.87	10.03	9.37	11.50	5.24	5.31	4.91	4.25	4.04
Richmond	2.90	2.51	2.00	1.95	2.01	4.65	4.76	4.10	4.67	4.25	3.57	3.35	2.68	2.80	2.75
Roanoke-Chowan	4.33	2.58	2.68	1.96	3.29	7.48	5.79	5.76	4.79	5.12	5.74	3.85	3.83	2.93	4.12
Robeson	2.21	2.21	1.76	1.75	1.45	4.31	3.75	3.21	3.33	3.07	3.18	2.95	2.41	2.41	2.14
Rockingham	2.82	2.35	2.18	1.94	1.90	14.10	8.59	8.64	7.30	7.06	6.48	4.33	3.99	3.57	3.48
Rowan-Cabarrus	2.94	1.87	1.69	1.81	1.51	5.05	4.47	4.70	4.33	3.95	3.72	2.68	2.52	2.58	2.29
Sampson	2.52	2.36	2.30	2.16	2.01	6.85	6.01	4.98	4.95	7.21	3.77	3.46	3.20	3.07	3.23
Sandhills	3.34	3.01	2.51	2.14	1.87	6.97	6.03	6.77	5.80	5.00	4.13	3.69	3.32	2.85	2.56
South Piedmont	3.66	3.30	3.03	2.91	3.06	6.28	5.05	4.62	5.07	4.86	4.50	3.94	3.63	3.72	3.78
Southeastern	5.85	5.77	5.23	3.84	3.51	7.49	7.89	7.50	7.13	5.72	6.43	6.49	5.98	4.84	4.22
Southwestern	2.91	2.67	3.09	2.43	2.73	5.81	5.42	5.09	4.90	4.82	3.95	3.64	3.84	3.13	3.48
Stanly	6.56	5.14	2.52	2.30	2.11	25.68	8.44	7.22	5.45	6.92	10.28	6.26	3.80	3.22	3.21
Surry	3.37	2.76	2.56	2.49	2.74	7.51	6.89	6.16	5.92	5.52	4.45	3.77	3.48	3.31	3.65
Tri-County	8.03	4.61	4.02	4.87	4.43	6.41	6.37	4.44	6.83	5.65	7.16	5.31	4.24	5.75	5.01
Vance-Granville	2.79	2.45	2.22	2.19	2.17	5.63	4.76	4.51	3.92	4.42	3.96	3.41	3.13	2.86	3.01
Wake	1.94	1.63	1.58	1.70	1.37	3.54	3.33	3.56	3.10	3.01	2.47	2.17	2.17	2.19	1.91
Wayne	2.23	1.98	1.91	1.93	1.99	4.53	4.93	3.62	3.36	3.32	3.30	3.18	2.72	2.57	2.58
Western Piedmont	5.18	5.09	3.62	2.82	2.31	6.41	5.94	5.59	5.45	4.78	5.65	5.46	4.39	3.69	3.06
Wilkes	3.84	2.64	2.28	2.30	2.39	10.12	8.66	5.96	6.73	6.15	5.40	4.25	3.32	3.45	3.44
Wilson	5.33	4.75	3.53	3.40	4.00	6.35	5.25	5.18	5.57	6.14	5.73	4.96	4.12	4.17	4.78
Subtotal	3.01	2.68	2.35	2.21	2.08	6.16	5.57	5.27	4.97	4.83	4.05	3.62	3.26	3.06	2.92
Private Institutions															
NC Private Universities															
Barton	2.46	2.54	2.39	2.40	2.40	6.10	5.05	4.72	4.88	4.86	3.18	3.13	2.94	2.97	2.97
Campbell	1.69	1.81	1.95	1.68	1.67	4.63	5.32	5.32	4.20	4.15	2.04	2.21	2.36	1.98	1.96
Mars Hill	2.62	2.63	2.45	2.42	2.74	7.14	7.57	8.92	8.90	7.87	3.54	3.58	3.49	3.54	3.83
Pfeiffer	3.48	3.36	3.29	3.28	2.94	7.95	8.71	8.85	8.23	10.11	4.35	4.31	4.24	4.17	3.95
Subtotal	2.11	2.21	2.25	2.08	2.08	5.91	6.23	6.38	5.84	5.81	2.69	2.82	2.88	2.65	2.66
Grand Total	1.85	1.76	1.66	1.59	1.53	5.20	4.87	4.79	4.53	4.53	2.67	2.52	2.40	2.30	2.25

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	30.9	28.9	27.2	66.7	65.1	63.8	0.94	0.90	0.87
Doctoral Universities I and II	31.2	27.4	22.6	70.0	66.0	56.9	1.42	0.93	0.80
Master's (Comprehensive) Universities I	29.2	24.8	16.1	68.4	62.7	50.1	1.84	1.21	0.94
Baccalaureate (Liberal Arts) Universities	28.1	16.7	8.5	60.3	54.0	40.6	5.41	2.24	1.23
Schools of Art, Music, and Design*	11.5	11.5	11.5	56.3	56.3	56.3	3.54	3.54	3.54
Community Colleges	25.8	14.4	6.9	68.1	53.8	32.5	14.15	3.01	1.68
Private Institutions									
NC Private Universities	19.6	16.1	11.1	53.6	50.4	39.3	3.48	2.11	1.69
Grand Total									
State Range	31.2	17.7	6.9	70.0	59.3	32.5	14.15	1.85	0.80
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Public Institutions									
Research Universities I	13.3	12.7	11.3	75.9	68.8	52.5	4.30	3.77	3.61
Doctoral Universities I and II	19.0	15.7	12.8	73.8	63.7	58.2	4.08	3.47	2.83
Master's (Comprehensive) Universities I	21.5	15.7	8.7	80.5	69.0	46.5	5.04	3.27	2.45
Baccalaureate (Liberal Arts) Universities	14.6	7.1	4.6	59.3	55.7	52.2	10.12	6.99	4.06
Schools of Art, Music, and Design*	11.9	11.9	11.9	61.6	61.6	61.6	6.23	6.23	6.23
Community Colleges	21.0	13.2	4.9	71.7	55.6	17.7	25.68	6.16	3.50
Private Institutions									
NC Private Universities	14.3	10.0	5.6	79.1	51.6	44.5	7.95	5.91	4.63
Grand Total									
State Range	21.5	13.4	4.6	80.5	59.2	17.7	25.68	5.20	2.45
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 2011-2014, 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 2015, 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.

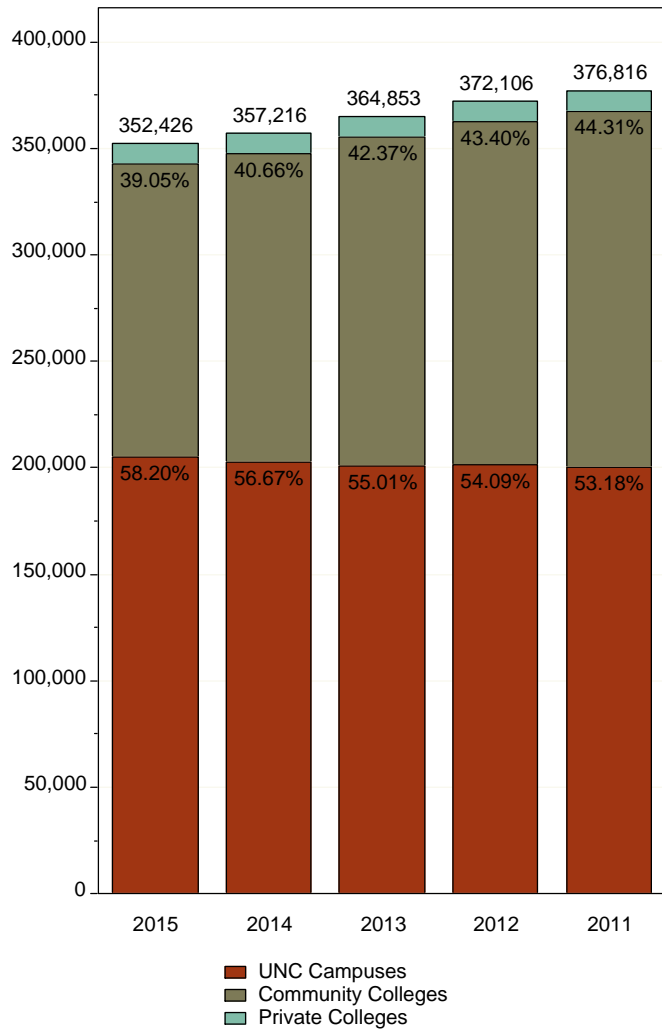
North Carolina institutions experienced a headcount enrollment increase of 1.2 percent in 2015. Public institutions showed a 1.3 percent increase, while private enrollments increased this year by 0.5 percent. Enrollments for men increased by 1.1 percent and women increased by 1.5 percent. North Carolina's 2015 part-time enrollment increased by 1.8 percent while the state's full-time enrollment increased by 1.1 percent.

* 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

	2015	2014	2013	2012	2011
Public Institutions					
Research Universities I	57,171	57,332	57,274	57,699	57,787
Doctoral Universities I and II	78,384	76,055	74,284	74,351	74,136
Master's (Comprehensive) Universities and Colleges I	63,515	62,846	62,516	62,237	61,346
Baccalaureate (Liberal Arts) Universities and Colleges I and II	5,091	5,263	5,743	6,099	6,238
Schools of Art, Music, and Design	960	954	902	870	884
Community Colleges	137,606	145,260	154,584	161,490	166,960
Private Institutions					
NC Private Universities	9,699	9,506	9,550	9,360	9,465
	352,426	357,216	364,853	372,106	376,816

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



**UNC Institutions Only
By Level**

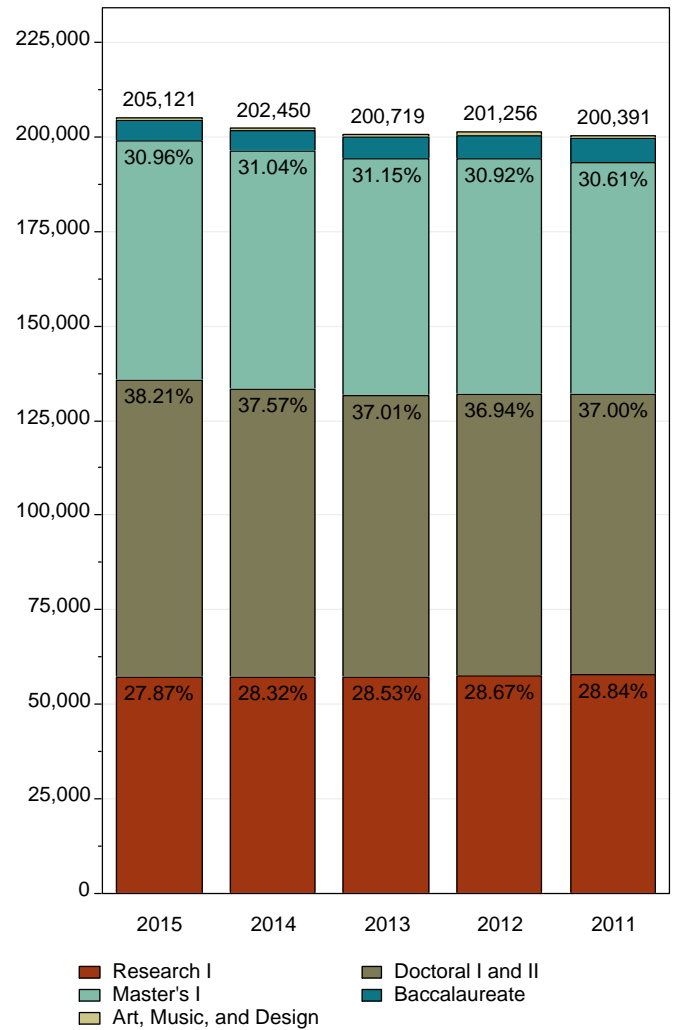


Table 12. FTE Enrollments by Institution

Institution	2015 On-Campus	2014 Total Public Institutions	2014 On-Campus	2013 On-Campus	2012 On-Campus	2011 On-Campus
Research Universities I						
NC State	29,897	-	29,984	29,928	30,296	30,638
NC State Veterinary Med	396	-	376	357	334	312
UNC-Chapel Hill	22,273	-	22,263	22,266	22,312	22,167
UNC-Chapel Hill Hlth Aff.	4,605	-	4,709	4,723	4,757	4,670
Subtotal	57,171	-	57,332	57,274	57,699	57,787
Doctoral Universities I and II						
East Carolina	22,737	-	22,235	21,840	21,830	22,352
East Carolina Hlth Aff.	2,561	-	2,484	2,430	2,368	2,236
NC A&T	10,148	-	10,052	9,844	9,859	10,063
UNC Charlotte	25,573	-	24,716	23,975	23,540	22,630
UNC Greensboro	17,365	-	16,568	16,195	16,754	16,855
Subtotal	78,384	-	76,055	74,284	74,351	74,136
Master's (Comprehensive) Universities and Colleges I						
Appalachian	17,269	-	17,310	17,097	16,815	16,654
Fayetteville	5,298	-	5,133	5,319	5,227	5,199
NC Central	7,403	-	7,087	7,477	7,869	7,587
UNC Pembroke	5,711	-	5,525	5,443	5,522	5,477
UNC Wilmington	13,780	-	13,613	13,106	12,871	12,321
Western Carolina	9,315	-	9,324	9,038	8,635	8,343
Winston-Salem	4,739	-	4,854	5,036	5,298	5,765
Subtotal	63,515	-	62,846	62,516	62,237	61,346
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	1,506	-	1,767	2,301	2,720	2,772
UNC Asheville	3,585	-	3,496	3,442	3,379	3,466
Subtotal	5,091	-	5,263	5,743	6,099	6,238
Schools of Art, Music, and Design						
UNC School of the Arts	960	(270)	954	902	870	884
Subtotal	960	(270)	954	902	870	884
Community Colleges						
Alamance	3,232	(3,436)	3,180	3,216	3,430	3,772
Asheville-Buncombe	4,942	(5,290)	5,138	5,798	6,148	5,888
Beaufort Co.	796	(1,156)	1,098	1,222	1,312	1,346
Bladen	1,028	(1,060)	1,138	1,116	1,232	1,432
Blue Ridge	1,110	(1,564)	1,232	1,430	1,422	1,540
Brunswick	936	(1,290)	1,048	1,050	980	1,020
Caldwell	2,256	(2,864)	2,330	2,404	2,952	3,154
Cape Fear	5,928	(7,312)	6,310	6,468	6,710	6,936
Carteret	860	(1,212)	904	938	1,066	1,072
Catawba Valley	3,366	(3,567)	2,672	2,730	2,974	3,272
Central Carolina	3,498	(3,970)	3,768	3,726	3,816	3,526
Central Piedmont	10,046	(14,010)	9,982	10,490	10,386	10,888
Cleveland	1,256	(2,196)	1,450	1,800	1,882	2,108
Coastal Carolina	2,698	(3,520)	2,830	2,808	2,902	2,918
Coll. of Albemarle	918	(1,730)	1,078	1,220	1,144	1,448
Craven	1,566	(2,310)	1,610	1,820	1,758	1,956
Davidson County	2,972	(3,014)	3,184	3,220	3,318	3,412
Durham	2,774	(3,480)	2,974	3,064	3,218	3,094
Edgecombe	1,038	(1,798)	1,324	1,556	1,698	1,826
Fayetteville	8,232	(8,476)	8,578	9,000	9,028	8,530
Forsyth	5,872	(6,280)	6,278	6,628	6,974	7,404
Gaston	4,108	(4,202)	4,376	4,624	4,850	4,858
Guilford	6,446	(8,722)	7,176	8,404	9,744	10,462
Halifax	680	(1,038)	758	810	986	1,098
Haywood	866	(1,422)	960	1,106	1,158	1,308
Isothermal	978	(1,600)	1,122	1,338	1,566	1,542

Table 12. FTE Enrollments by Institution

Institution	2015		2014	2013	2012	2011
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
James Sprunt	940	(942)	972	1,124	1,322	1,190
Johnston	2,212	(3,284)	2,382	2,578	2,686	2,852
Lenoir	2,036	(2,206)	2,300	2,288	2,266	2,518
Martin	502	(552)	516	632	650	712
Mayland	560	(796)	730	776	824	826
McDowell	902	(900)	878	964	1,094	1,096
Mitchell	1,534	(2,086)	1,662	1,854	2,006	2,280
Montgomery	640	(680)	708	658	680	642
Nash	1,850	(2,472)	2,236	2,100	2,050	2,122
Pamlico	124	(416)	80	78	84	148
Piedmont	1,040	(1,102)	1,186	1,230	1,402	1,762
Pitt	6,296	(6,746)	6,782	6,892	6,876	6,260
Randolph	1,412	(2,210)	1,540	1,746	1,686	1,760
Richmond	1,832	(1,948)	1,836	1,846	1,950	1,928
Roanoke-Chowan	396	(628)	478	568	576	648
Robeson	1,716	(1,772)	1,714	1,914	2,462	2,340
Rockingham	1,380	(1,382)	1,466	1,618	1,620	1,888
Rowan-Cabarrus	2,614	(4,468)	3,394	3,714	3,850	4,504
Sampson	902	(1,114)	1,000	1,092	1,078	1,150
Sandhills	2,218	(3,032)	2,306	2,486	2,588	2,740
South Piedmont	1,560	(1,646)	1,014	1,058	960	1,102
Southeastern	862	(1,158)	854	928	1,064	1,228
Southwestern	1,282	(1,984)	1,352	1,298	1,394	1,394
Stanly	1,902	(2,108)	1,998	1,986	2,118	2,376
Surry	2,478	(2,526)	2,560	2,750	2,750	2,808
Tri-County	420	(928)	514	588	674	722
Vance-Granville	2,332	(2,412)	2,530	2,802	2,896	3,174
Wake	11,024	(15,548)	11,088	11,074	11,248	10,784
Wayne	2,602	(2,750)	2,698	3,020	2,964	2,836
Western Piedmont	1,288	(1,714)	898	1,678	1,778	2,128
Wilkes	1,622	(2,230)	2,262	2,326	2,282	2,286
Wilson	726	(1,230)	828	932	958	946
Subtotal	137,606	(171,489)	145,260	154,584	161,490	166,960
Private Institutions						
NC Private Universities						
Barton	1,000	-	978	976	979	1,067
Campbell	5,972	-	5,601	5,617	5,432	5,426
Mars Hill	1,349	-	1,395	1,389	1,328	1,249
Pfeiffer	1,378	-	1,532	1,568	1,621	1,723
Subtotal	9,699	-	9,506	9,550	9,360	9,465
Grand Total	352,426	(171,759)	357,216	364,853	372,106	376,816



Gateway Hall, East Carolina University

East Carolina opened Gateway Hall in August of 2015. This new \$59.4 million facility houses 724 student beds in 201,077 sq. feet of space. This building is designed with housing many of ECU’s Living Learning Communities in mind. These communities are groups of students based on major or specific programs living together and taking a minimum of two classes together. Some of these classes are taught in the building, which has large multipurpose spaces to host classes and activities. Gateway Hall is split into two large wings, East and West which function as separate residence halls thus keeping the scale of the facility a size that fosters community development. Each wing has its own elevators, lounges, laundry area, community kitchen, and courtyard. The new facility also has a sports courtyard that houses an outdoor basketball court and sand volleyball pit.

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 sq. ft.), Guilford Technical CC (140,814 sq. ft.) Appalachian State University (384,144 sq. ft.), UNC at Wilmington (308,801 sq. ft.), 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 sq. ft.), UNC at Greensboro (875,642 sq. ft.), UNC at Asheville (136,854 sq. ft.). Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Cape Fear CC (54.5%), Central Piedmont CC (62.2%), Wake Technical CC (62.9%), Guilford TCC (67.4), N.C. State University (64.7%), N.C. State Veterinary Medicine (63.3%), UNC at Chapel Hill-Health Affairs (54.1%), UNC at Chapel Hill Academic Affairs (60.7%), UNC at Charlotte (59.1%), UNC at Greensboro (57.2%), Appalachian State University (62.3%), UNC at Wilmington (64.8%), 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 \$247 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .567. This means that new construction costs are approximately \$436 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$247}{.567} = \$436$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$436 in new construction costs.

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2015	2014	2013	2012	2011
Public Institutions							
Research Universities I							
NC State	16,485,874	9,173,506	55.6	54.8	53.9	53.3	53.1
NC State Veterinary Med	856,211	424,590	49.6	50.2	50.0	50.2	49.5
UNC-Chapel Hill	13,219,144	7,270,818	55.0	55.0	54.8	54.8	54.9
UNC-Chapel Hill Hlth Aff.	6,682,313	2,693,137	40.3	40.3	39.8	39.8	40.0
Subtotal	37,243,542	19,562,051	52.5	52.1	51.7	51.4	51.3
Doctoral Universities I and II							
East Carolina	5,106,043	3,345,906	65.5	65.8	66.7	68.6	68.4
East Carolina Hlth Aff.	1,632,678	861,502	52.8	51.9	53.1	56.3	56.2
NC A&T	3,218,813	2,230,671	69.3	69.2	70.1	70.1	70.3
UNC Charlotte	9,228,750	3,853,416	41.8	41.5	40.3	40.1	42.4
UNC Greensboro	6,208,260	3,047,817	49.1	49.1	49.5	47.8	49.3
Subtotal	25,394,544	13,339,312	52.5	52.4	52.6	53.0	54.5
Master's (Comprehensive) Universities and Colleges I							
Appalachian	4,754,139	2,723,361	57.3	57.6	57.6	59.1	58.7
Fayetteville	2,260,070	903,039	40.0	40.0	61.6	61.9	61.2
NC Central	2,281,498	1,478,739	64.8	64.4	64.4	64.4	64.4
UNC Pembroke	1,557,711	1,027,216	65.9	65.9	66.0	66.0	66.6
UNC Wilmington	3,818,579	2,273,762	59.5	59.6	57.1	59.7	57.5
Western Carolina	3,175,222	2,029,026	63.9	63.9	63.9	63.8	64.9
Winston-Salem	1,943,632	1,257,340	64.7	63.8	64.3	64.2	61.9
Subtotal	19,790,851	11,692,483	59.1	59.0	61.0	61.9	61.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	1,364,337	916,999	67.2	63.1	66.4	66.4	66.4
UNC Asheville	1,546,153	891,657	57.7	58.4	58.2	58.7	59.5
Subtotal	2,910,490	1,808,656	62.1	60.6	62.0	62.2	62.8
Schools of Art, Music, and Design							
UNC School of the Arts	1,190,667	820,573	68.9	70.7	70.2	70.0	69.9
Subtotal	1,190,667	820,573	68.9	70.7	70.2	70.0	69.9
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	393,712	238,366	60.5	60.5	60.5	60.9	60.9
Asheville-Buncombe	894,841	514,143	57.5	57.5	57.1	57.4	57.1
Beaufort Co.	270,733	189,556	70.0	70.0	70.0	70.0	71.2
Bladen	151,112	110,661	73.2	73.4	73.5	74.6	75.3
Blue Ridge	401,360	291,364	72.6	72.4	72.3	72.3	72.2
Brunswick	386,616	246,752	63.8	65.3	65.3	65.4	65.9
Caldwell	527,499	366,373	69.5	68.7	69.5	69.5	69.2
Cape Fear	1,748,117	636,219	36.4	38.0	38.0	53.3	53.4
Carteret	236,630	167,737	70.9	70.8	70.6	70.6	69.6
Catawba Valley	580,409	380,297	65.5	65.2	64.5	64.5	64.5
Central Carolina	558,772	386,056	69.1	69.1	69.1	69.7	69.7
Central Piedmont	3,275,771	1,343,998	41.0	41.3	40.8	40.6	40.3
Cleveland	305,295	207,872	68.1	68.2	68.8	68.8	67.4
Coastal Carolina	337,906	226,181	66.9	66.7	65.9	67.9	68.0
Coll. of Albemarle	399,648	268,077	67.1	67.1	67.4	63.4	63.4
Craven	316,445	212,167	67.0	66.8	66.8	66.1	66.0
Davidson County	456,415	311,791	68.3	68.2	68.2	68.2	67.9
Durham	510,737	344,861	67.5	67.2	67.2	67.1	67.1
Edgecombe	246,568	169,774	68.9	68.9	68.8	69.0	68.7
Fayetteville	958,407	648,208	67.6	67.4	67.4	67.4	68.3
Forsyth	1,088,381	751,667	69.1	69.3	69.3	69.6	69.3
Gaston	714,567	473,491	66.3	66.7	66.5	65.9	66.3
Guilford	1,897,816	1,183,673	62.4	62.8	59.3	59.3	67.3
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 %				
			2015	2014	2013	2012	2011
Haywood	338,124	240,434	71.1	71.1	71.1	73.7	73.4
Isothermal	356,527	242,274	68.0	68.0	67.8	67.7	66.8
James Sprunt	168,315	119,722	71.1	70.4	70.6	70.9	70.9
Johnston	461,518	328,676	71.2	71.0	72.0	72.1	72.1
Lenoir	436,600	325,708	74.6	74.5	75.1	75.3	75.3
Martin	228,135	169,822	74.4	74.4	74.4	74.4	74.4
Mayland	174,322	122,430	70.2	71.2	70.7	71.9	72.4
McDowell	205,440	153,019	74.5	74.5	73.5	73.5	73.5
Mitchell	374,582	253,421	67.7	67.1	67.0	67.0	67.0
Montgomery	129,642	92,317	71.2	71.3	71.3	71.3	70.2
Nash	342,890	226,211	66.0	66.7	66.8	66.8	65.4
Pamlico	86,035	54,774	63.7	64.2	64.2	64.2	64.2
Piedmont	184,463	145,573	78.9	78.9	78.3	77.6	77.6
Pitt	586,052	378,859	64.6	64.6	64.7	64.7	63.9
Randolph	396,822	296,388	74.7	74.7	74.9	75.7	75.6
Richmond	253,209	179,408	70.9	70.2	70.2	70.1	70.5
Roanoke-Chowan	167,421	116,052	69.3	70.2	70.0	70.0	70.0
Robeson	279,660	201,469	72.0	72.0	72.0	72.0	72.1
Rockingham	332,733	229,568	69.0	70.4	70.5	70.8	70.8
Rowan-Cabarrus	559,045	408,742	73.1	73.0	72.9	73.3	73.3
Sampson	199,414	139,057	69.7	69.7	69.7	69.7	69.7
Sandhills	511,366	335,347	65.6	65.0	64.9	65.5	66.0
South Piedmont	404,558	327,972	81.1	81.1	79.6	76.2	58.7
Southeastern	247,000	183,578	74.3	74.3	74.3	72.3	72.4
Southwestern	294,802	203,425	69.0	69.0	69.1	69.1	71.3
Stanly	227,972	152,384	66.8	66.8	70.5	70.5	70.5
Surry	445,655	313,712	70.4	70.0	70.4	70.7	69.8
Tri-County	153,889	117,427	76.3	76.3	76.4	76.4	76.4
Vance-Granville	406,209	262,892	64.7	65.0	65.2	63.2	63.2
Wake	2,189,572	993,155	45.4	50.3	49.8	55.0	54.5
Wayne	481,677	325,374	67.6	65.1	63.4	63.5	62.3
Western Piedmont	398,774	288,301	72.3	72.3	72.0	72.1	71.9
Wilkes	488,183	341,557	70.0	73.2	72.6	72.6	71.8
Wilson	209,319	143,540	68.6	68.6	68.5	69.3	69.3
Subtotal	29,653,003	18,269,234	61.6	62.3	62.1	63.5	63.6
Private Institutions							
NC Private Universities							
Barton	495,166	350,454	70.8	70.8	70.8	70.8	70.8
Campbell	1,654,614	1,127,462	68.1	68.1	68.0	68.8	68.8
Mars Hill	804,814	543,596	67.5	67.5	67.5	68.0	68.0
Pfeiffer	549,816	367,759	66.9	67.0	67.0	67.0	66.9
Subtotal	3,504,410	2,389,271	68.2	68.2	68.1	68.6	68.6
Grand Total	122,186,756	69,239,882	56.7	56.6	56.8	57.3	57.5

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

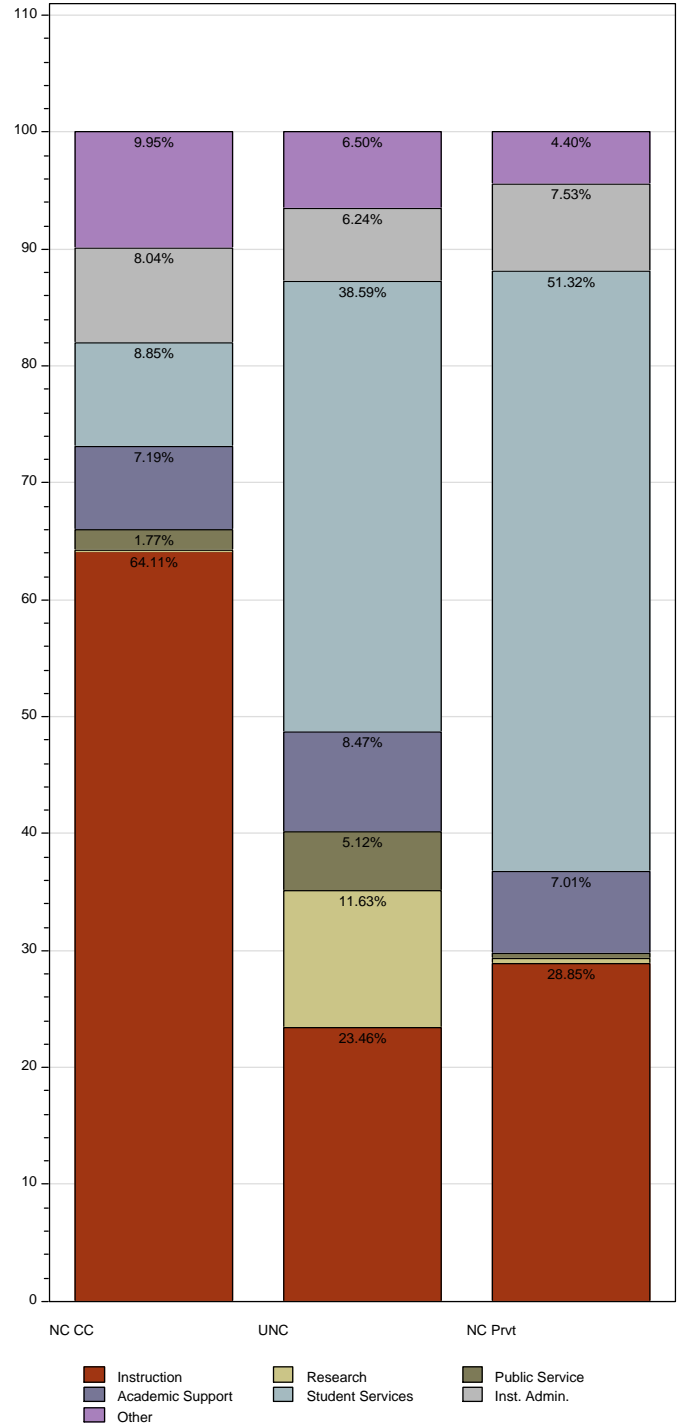
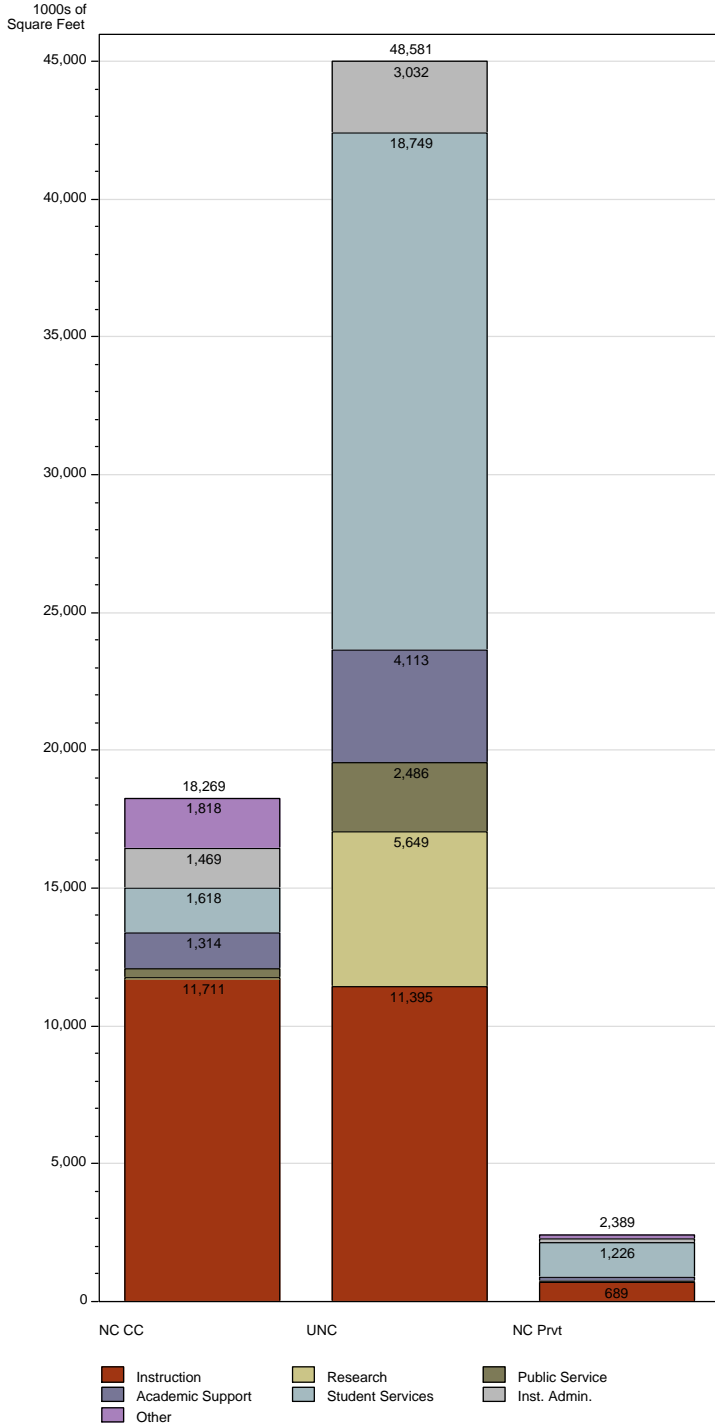


Table 14. Percentage Distribution of Assignable Area by Summary Programs

	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	9,173,506	18.4	27.5	4.0	6.7	30.3	5.7	1.3	1.3	4.7
NC State Veterinary Med	424,590	23.1	32.3	29.5	7.2	1.5	1.1	4.4	0.7	0.0
UNC-Chapel Hill	7,270,818	21.4	7.3	0.6	11.0	47.8	5.9	3.3	0.8	1.9
UNC-Chapel Hill Hlth Aff.	2,693,137	23.5	46.4	9.5	8.1	0.5	2.0	0.3	1.9	7.8
Subtotal	19,562,051	20.3	22.7	4.1	8.5	32.1	5.2	2.0	1.2	4.0
Doctoral Universities I and II										
East Carolina	3,345,906	29.4	2.9	0.6	6.0	42.1	7.3	2.8	1.4	7.5
East Carolina Hlth Aff.	861,502	28.0	20.8	33.9	10.4	0.1	3.4	2.3	-	1.2
NC A&T	2,230,671	32.6	8.0	1.1	13.4	31.4	11.4	1.4	0.5	0.3
UNC Charlotte	3,853,416	21.8	8.0	1.6	10.0	47.5	3.9	0.9	-	6.3
UNC Greensboro	3,047,817	22.2	5.6	0.4	10.3	50.5	7.9	2.3	0.4	0.4
Subtotal	13,339,312	26.0	7.0	3.1	9.7	41.1	6.9	1.9	0.5	3.9
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,723,361	29.3	0.6	2.8	5.7	51.6	5.1	1.7	2.3	0.9
Fayetteville	903,039	33.8	1.8	0.1	11.1	40.8	4.7	1.4	1.3	4.9
NC Central	1,478,739	35.4	2.2	0.6	7.5	36.5	6.4	0.7	1.2	9.5
UNC Pembroke	1,027,216	27.6	0.2	0.2	9.4	48.5	8.0	1.9	-	4.2
UNC Wilmington	2,273,762	21.0	5.2	0.9	7.8	56.0	7.1	1.0	-	1.1
Western Carolina	2,029,026	23.9	1.5	0.2	10.2	51.0	7.1	2.9	1.0	2.2
Winston-Salem	1,257,340	20.8	2.8	0.3	7.8	53.6	9.3	1.8	0.7	3.0
Subtotal	11,692,483	26.8	2.1	1.0	8.1	49.5	6.7	1.6	1.0	3.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	916,999	30.2	0.3	2.1	5.3	53.8	5.2	0.9	-	2.3
UNC Asheville	891,657	24.0	1.7	1.2	10.1	52.0	4.6	4.8	1.6	0.0
Subtotal	1,808,656	27.1	1.0	1.6	7.7	52.9	4.9	2.8	0.8	1.2
Schools of Art, Music, and Design										
UNC School of the Arts	820,573	38.9	-	3.1	8.9	29.9	10.9	2.7	0.3	5.4
Subtotal	820,573	38.9	-	3.1	8.9	29.9	10.9	2.7	0.3	5.4
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	238,366	72.9	-	1.2	7.4	7.2	9.6	1.6	0.1	0.0
Asheville-Buncombe	514,143	65.6	-	2.0	5.2	6.3	7.4	1.7	8.3	3.6
Beaufort Co.	189,556	66.4	-	3.1	6.8	8.2	9.3	3.3	2.8	0.0
Bladen	110,661	63.7	-	0.3	8.9	13.0	8.4	5.6	-	0.0
Blue Ridge	291,364	64.1	-	0.0	6.0	15.1	5.2	3.5	6.0	0.0
Brunswick	246,752	45.8	-	-	3.8	7.3	7.5	2.8	32.7	0.0
Caldwell	366,373	69.5	-	0.0	5.4	10.7	4.1	4.0	6.3	0.0
Cape Fear	636,219	67.4	0.0	0.0	6.7	9.7	8.5	1.4	6.1	0.2
Carteret	167,737	74.1	-	-	7.2	7.5	9.3	0.9	1.0	0.0
Catawba Valley	380,297	66.1	-	-	7.7	12.2	6.5	-	5.6	2.1
Central Carolina	386,056	77.4	-	1.1	4.4	7.3	4.9	0.1	4.8	0.0
Central Piedmont	1,343,998	70.9	-	2.2	5.9	7.1	8.7	3.6	1.0	0.6
Cleveland	207,872	70.2	-	1.9	11.5	6.3	9.0	1.1	-	0.0
Coastal Carolina	226,181	75.0	-	0.1	10.8	6.0	6.1	2.0	-	0.0
Coll. of Albemarle	268,077	66.0	-	8.5	6.4	5.8	11.8	1.5	0.0	0.0
Craven	212,167	69.0	-	3.1	9.6	4.3	8.5	0.6	4.8	0.0
Davidson County	311,791	60.6	-	2.6	10.5	6.6	13.7	3.8	2.1	0.0
Durham	344,861	62.3	-	0.3	9.3	4.1	7.9	11.8	2.6	1.6
Edgecombe	169,774	58.0	-	12.6	8.7	8.5	7.0	1.3	4.0	0.0
Fayetteville	648,208	67.5	-	1.1	9.4	8.8	10.8	2.3	0.1	0.0
Forsyth	751,667	66.2	0.1	0.9	6.7	7.3	7.9	1.4	1.3	8.2
Gaston	473,491	66.2	3.1	-	6.2	8.8	6.5	0.6	5.0	3.6
Guilford	1,183,673	52.4	-	2.0	5.4	5.1	5.7	1.8	0.8	26.9
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	240,434	63.9	-	0.9	7.1	10.3	11.8	4.0	2.0	0.0
Isothermal	242,274	65.4	-	9.4	6.9	5.6	7.9	2.7	2.2	0.0
James Sprunt	119,722	62.6	-	2.8	13.2	9.6	8.2	3.3	-	0.3
Johnston	328,676	62.6	-	0.4	10.2	13.6	9.4	3.4	0.4	0.0
Lenoir	325,708	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	122,430	61.2	-	1.8	9.4	9.7	7.8	3.7	6.3	0.2
McDowell	153,019	70.1	-	1.3	5.0	5.5	9.9	3.8	4.3	0.0
Mitchell	253,421	61.9	-	0.1	6.8	16.2	10.9	1.4	2.1	0.6
Montgomery	92,317	65.2	-	0.3	9.5	11.1	9.1	2.3	2.6	0.0
Nash	226,211	68.6	-	0.2	6.3	6.9	9.8	0.7	7.0	0.3
Pamlico	54,774	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	378,859	71.1	-	-	9.0	8.5	6.9	4.6	0.0	0.0
Randolph	296,388	64.3	-	-	3.7	8.5	15.7	0.4	6.3	1.1
Richmond	179,408	59.1	-	17.1	7.9	5.9	7.9	0.7	1.4	0.0
Roanoke-Chowan	116,052	41.3	-	2.3	9.7	14.4	8.9	3.6	19.8	0.0
Robeson	201,469	62.9	-	0.2	6.7	14.6	9.5	1.1	3.1	1.9
Rockingham	229,568	74.5	-	0.9	6.1	9.9	7.5	0.8	0.2	0.0
Rowan-Cabarrus	408,742	59.6	-	2.0	9.8	9.1	7.4	3.1	1.4	7.7
Sampson	139,057	64.0	-	0.9	10.1	9.0	7.4	2.2	6.3	0.0
Sandhills	335,347	72.6	-	-	7.3	12.9	6.6	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	183,578	63.1	-	1.6	9.5	9.2	7.1	1.5	0.7	7.4
Southwestern	203,425	62.4	-	2.5	9.4	11.8	9.5	1.5	2.3	0.7
Stanly	152,384	64.2	-	0.5	6.4	9.6	12.0	2.9	4.4	0.0
Surry	313,712	76.6	-	0.1	7.7	6.2	5.4	1.3	2.7	0.0
Tri-County	117,427	71.8	-	0.1	8.6	7.9	11.4	0.2	-	0.0
Vance-Granville	262,892	56.1	-	8.4	8.5	8.6	7.9	1.0	3.1	6.4
Wake	993,155	68.1	-	-	6.2	7.4	6.9	2.1	1.1	8.2
Wayne	325,374	49.9	-	1.5	9.1	7.9	4.9	3.6	3.7	19.4
Western Piedmont	288,301	56.6	-	-	8.1	8.2	7.3	2.5	1.5	15.8
Wilkes	341,557	57.5	-	0.1	7.1	17.3	5.6	6.1	4.7	1.7
Wilson	143,540	64.4	-	0.6	7.0	8.5	17.6	1.9	-	0.0
Subtotal	18,269,234	64.1	0.1	1.8	7.2	8.9	8.0	2.4	3.2	4.4
Private Institutions										
NC Private Universities										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,127,462	27.7	1.1	-	6.3	55.4	5.8	2.3	1.3	0.1
Mars Hill	543,596	29.1	-	1.3	7.2	52.1	6.0	1.8	0.1	2.4
Pfeiffer	367,759	28.3	-	0.4	7.0	43.3	11.8	2.1	-	7.1
Subtotal	2,389,271	28.9	0.5	0.4	7.0	51.3	7.5	2.0	0.6	1.7
Grand Total	69,239,882	34.4	8.2	4.1	8.1	31.2	6.8	2.0	1.5	3.8

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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	18.2	-	-	0.2	-	-	-	-
NC State Veterinary Med	23.1	-	-	-	-	-	-	-
UNC-Chapel Hill	20.6	-	-	0.5	0.3	-	-	-
UNC-Chapel Hill Hlth Aff.	23.1	-	0.0	0.1	0.3	-	-	-
Subtotal	19.9	-	0.0	0.3	0.1	-	-	-
Doctoral Universities I and II								
East Carolina	29.4	-	0.0	-	-	-	-	-
East Carolina Hlth Aff.	27.8	-	0.0	-	0.1	-	-	-
NC A&T	32.6	-	-	-	-	-	-	-
UNC Charlotte	21.8	-	0.1	-	-	-	-	-
UNC Greensboro	22.2	-	0.0	-	0.0	-	-	-
Subtotal	26.0	-	0.0	-	0.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	29.3	-	-	-	-	-	-	-
Fayetteville	33.6	-	-	0.3	-	-	-	-
NC Central	35.4	-	-	-	-	-	-	-
UNC Pembroke	27.6	-	-	-	-	-	-	-
UNC Wilmington	20.9	-	-	0.0	-	-	-	-
Western Carolina	23.5	-	-	0.2	-	-	-	0.3
Winston-Salem	20.6	-	0.2	-	-	-	-	-
Subtotal	26.7	-	0.0	0.0	-	-	-	0.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	29.7	-	0.3	0.2	-	-	-	-
UNC Asheville	23.6	-	-	0.3	-	-	-	0.1
Subtotal	26.7	-	0.2	0.2	-	-	-	0.0
Schools of Art, Music, and Design								
UNC School of the Arts	38.9	-	-	-	-	-	-	-
Subtotal	38.9	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
Subtotal	0.5	-	-	0.5	-	-	-	-
Community Colleges								
Alamance	10.4	47.8	-	8.1	6.5	0.1	-	-
Asheville-Buncombe	13.3	39.8	1.3	4.0	6.2	-	-	0.9
Beaufort Co.	2.8	49.9	1.6	1.0	11.1	-	-	-
Bladen	24.6	37.9	-	0.7	0.6	-	-	-
Blue Ridge	19.1	39.4	0.7	1.2	3.7	-	-	0.0
Brunswick	0.8	26.5	-	9.2	6.4	-	-	2.9
Caldwell	12.1	44.1	1.4	10.1	1.9	-	-	-
Cape Fear	16.0	44.6	0.7	3.9	2.2	-	-	-
Carteret	4.7	66.6	0.1	1.3	0.8	-	-	0.6
Catawba Valley	20.8	36.4	2.4	2.2	4.0	-	-	0.3
Central Carolina	5.3	60.8	4.1	4.9	2.4	-	-	-
Central Piedmont	24.8	35.2	0.8	3.9	6.2	-	-	-
Cleveland	11.0	55.8	-	1.6	0.6	-	1.1	-
Coastal Carolina	26.0	40.0	0.8	1.7	6.5	-	-	-
Coll. of Albemarle	26.0	26.7	0.3	5.8	7.2	-	-	-
Craven	20.7	40.8	2.0	1.7	3.9	-	-	-
Davidson County	23.8	31.3	2.4	1.6	1.5	-	0.1	-
Durham	1.5	53.7	0.8	5.2	1.2	-	-	-
Edgecombe	2.8	46.4	0.1	4.7	3.9	0.1	-	-
Fayetteville	3.6	48.3	-	6.6	8.4	-	0.6	0.1
Forsyth	13.5	43.2	1.5	2.4	4.0	-	0.1	1.5
Gaston	21.4	32.0	1.0	6.3	5.5	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	38.7	1.5	3.0	3.8	-	-	0.1
Halifax	12.5	39.7	0.0	1.5	0.4	-	-	-
Haywood	0.1	54.9	0.1	1.0	4.6	-	-	3.2
Isothermal	22.3	32.0	0.9	8.7	0.8	-	-	0.8
James Sprunt	13.2	36.2	0.5	6.6	6.1	-	-	-
Johnston	-	54.7	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	5.8	41.4	1.2	5.7	7.0	-	-	-
McDowell	5.5	57.7	0.4	2.8	3.6	-	-	-
Mitchell	29.7	18.0	0.1	11.3	2.6	-	-	0.4
Montgomery	10.2	48.7	3.6	-	2.6	-	-	-
Nash	14.1	40.3	-	-	13.2	0.9	-	-
Pamlico	12.4	27.7	-	14.0	9.5	-	-	-
Piedmont	3.4	46.1	1.4	5.5	2.4	-	-	-
Pitt	17.5	45.9	1.4	3.0	2.5	0.7	-	0.1
Randolph	4.3	45.3	0.2	7.4	7.1	-	-	-
Richmond	3.5	47.3	0.1	7.9	0.3	-	-	-
Roanoke-Chowan	8.3	24.9	2.7	0.9	4.1	0.5	-	-
Robeson	9.2	42.6	0.1	5.5	5.4	-	-	-
Rockingham	28.0	40.9	1.2	0.2	4.2	-	-	-
Rowan-Cabarrus	9.4	42.9	0.9	3.2	3.1	-	-	0.2
Sampson	0.6	54.1	1.8	3.9	1.7	0.8	1.1	0.1
Sandhills	28.2	30.0	1.0	2.5	10.8	-	-	-
South Piedmont	4.7	29.6	2.2	2.4	1.0	-	-	-
Southeastern	17.0	25.8	5.4	1.7	13.2	-	-	-
Southwestern	19.2	30.1	1.8	1.1	9.8	-	-	0.4
Stanly	0.0	47.8	1.2	6.5	8.6	-	-	-
Surry	21.5	33.9	0.3	3.9	17.0	-	-	-
Tri-County	12.6	52.6	1.3	0.8	3.8	-	0.0	0.6
Vance-Granville	19.5	28.1	1.7	4.8	0.5	0.4	-	1.1
Wake	19.1	32.0	-	11.1	5.8	-	-	0.2
Wayne	7.3	36.2	0.8	5.6	-	-	-	-
Western Piedmont	24.2	21.5	-	10.5	0.4	-	-	-
Wilkes	17.6	33.6	-	3.4	2.8	-	-	-
Wilson	5.3	41.8	8.9	3.4	5.1	-	-	-
Subtotal	13.8	39.6	1.1	4.6	4.7	0.0	0.1	0.3
Private Institutions								
NC Private Universities								
Barton	32.7	-	-	-	-	-	-	-
Campbell	27.7	-	-	-	-	-	-	-
Mars Hill	29.1	-	-	-	-	-	-	-
Pfeiffer	28.3	-	-	-	-	-	-	-
Subtotal	28.9	-	-	-	-	-	-	-
Grand Total	20.9	10.4	0.3	1.3	1.3	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	6.3	21.2	-	-	2.0	2.0	0.0
NC State Veterinary Med	-	32.3	16.5	13.0	-	0.1	-
UNC-Chapel Hill	0.3	7.1	0.0	0.1	0.4	0.0	0.1
UNC-Chapel Hill Hlth Aff.	1.8	44.6	3.9	5.2	0.3	0.1	-
Subtotal	3.3	19.4	0.9	1.0	1.1	1.0	0.0
Doctoral Universities I and II							
East Carolina	1.3	1.6	-	0.1	0.4	-	0.1
East Carolina Hlth Aff.	-	20.8	23.1	10.1	0.7	-	-
NC A&T	2.4	5.6	-	-	0.3	0.7	0.1
UNC Charlotte	2.9	5.1	-	-	1.6	-	-
UNC Greensboro	0.1	5.5	0.3	-	0.1	-	-
Subtotal	1.6	5.4	1.6	0.7	0.7	0.1	0.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	0.2	0.5	0.4	-	2.4	-	-
Fayetteville	-	1.8	-	-	0.1	-	0.0
NC Central	1.3	0.9	-	-	0.2	-	0.4
UNC Pembroke	-	0.2	-	-	0.2	-	-
UNC Wilmington	2.7	2.5	-	-	0.9	-	-
Western Carolina	0.8	0.7	-	-	0.2	-	0.0
Winston-Salem	1.2	1.6	-	-	0.3	-	0.0
Subtotal	1.0	1.2	0.1	-	0.9	-	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	0.3	-	-	1.7	-	0.3
UNC Asheville	0.4	1.3	-	-	1.2	-	-
Subtotal	0.2	0.8	-	-	1.5	-	0.2
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	3.1	-	-
Subtotal	-	-	-	-	3.1	-	-
Teaching Hospitals							
UNC Hospitals	-	0.5	33.4	48.4	-	-	-
Subtotal	-	0.5	33.4	48.4	-	-	-
Community Colleges							
Alamance	-	-	-	-	1.2	-	-
Asheville-Buncombe	-	-	-	-	1.3	0.7	-
Beaufort Co.	-	-	-	-	3.1	-	0.0
Bladen	-	-	-	-	0.3	-	-
Blue Ridge	-	-	-	-	0.0	-	-
Brunswick	-	-	-	-	-	-	-
Caldwell	-	-	-	-	0.0	-	-
Cape Fear	-	0.0	-	-	0.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	0.7	0.4	-	-
Central Piedmont	-	-	-	-	-	-	2.2
Cleveland	-	-	-	-	1.9	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
Coll. of Albemarle	-	-	-	-	8.5	-	-
Craven	-	-	-	-	1.8	-	1.3
Davidson County	-	-	-	0.0	2.5	-	-
Durham	-	-	-	-	0.3	-	-
Edgecombe	-	-	-	-	12.6	-	-
Fayetteville	-	-	-	-	1.1	-	-
Forsyth	0.1	-	-	-	0.4	-	0.4
Gaston	-	3.1	-	-	-	-	-

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
Guilford	-	-	-	-	2.0	-	-
Halifax	-	-	-	-	13.9	-	-
Haywood	-	-	-	-	0.9	-	-
Isothermal	-	-	-	-	8.1	-	1.2
James Sprunt	-	-	-	-	2.8	-	-
Johnston	-	-	-	-	0.4	-	-
Lenoir	-	-	-	-	1.4	-	-
Martin	-	-	-	-	1.5	-	-
Mayland	-	-	-	-	1.8	-	-
McDowell	-	-	-	-	1.3	-	-
Mitchell	-	-	-	-	0.1	-	-
Montgomery	-	-	-	-	0.3	-	-
Nash	-	-	-	-	0.2	-	-
Pamlico	-	-	-	-	-	-	-
Piedmont	-	-	-	-	4.2	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	-	-	-
Richmond	-	-	-	-	17.1	-	-
Roanoke-Chowan	-	-	-	-	2.3	-	-
Robeson	-	-	-	-	0.1	0.1	-
Rockingham	-	-	-	-	0.9	-	-
Rowan-Cabarrus	-	-	-	-	2.0	-	-
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	6.8	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	1.5	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	0.1	0.0	-	-
Wilson	-	-	-	-	0.6	-	-
Subtotal	0.0	0.1	-	0.0	1.5	0.0	0.2
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	1.1	-	-	-	-	-
Mars Hill	-	-	-	-	1.3	-	-
Pfeiffer	-	-	-	-	0.4	-	-
Subtotal	-	0.5	-	-	0.4	-	-
Grand Total	1.4	6.8	1.2	1.4	1.1	0.3	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	2.2	0.0	0.0
NC State Veterinary Med	2.9	-	0.5	0.4	0.0	3.5	-	-
UNC-Chapel Hill	8.4	0.5	0.1	0.4	0.1	1.3	0.0	0.2
UNC-Chapel Hill Hlth Aff.	2.3	0.0	0.0	0.1	2.1	3.5	0.0	0.0
Subtotal	5.2	0.2	0.2	0.4	0.3	2.1	0.0	0.1
Doctoral Universities I and II								
East Carolina	5.0	0.2	0.1	0.1	0.0	0.6	-	-
East Carolina Hlth Aff.	7.3	-	0.3	-	0.1	2.7	-	-
NC A&T	5.1	0.7	0.1	0.3	3.9	3.3	-	-
UNC Charlotte	5.3	0.1	0.1	0.4	-	4.0	-	-
UNC Greensboro	4.0	0.8	0.6	0.2	0.6	3.9	-	0.0
Subtotal	5.1	0.4	0.2	0.2	0.8	2.9	-	0.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3.8	-	-	0.5	0.2	1.1	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	5.0	0.2	-	0.6	-	2.0	-	0.0
Western Carolina	5.8	0.9	0.1	0.1	0.6	2.5	-	0.2
Winston-Salem	3.5	1.0	0.2	0.4	0.2	2.6	-	-
Subtotal	4.7	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	-	0.4	0.4	0.7	-	-
UNC Asheville	7.6	0.4	0.7	1.1	-	0.4	-	0.1
Subtotal	5.7	0.2	0.3	0.7	0.2	0.5	-	0.0
Schools of Art, Music, and Design								
UNC School of the Arts	6.7	0.2	0.0	0.0	0.1	1.8	-	-
Subtotal	6.7	0.2	0.0	0.0	0.1	1.8	-	-
Teaching Hospitals								
UNC Hospitals	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	4.6	0.4	-	-	1.0	1.5	-	-
Asheville-Buncombe	3.9	-	0.5	0.2	0.5	0.2	-	-
Beaufort Co.	4.7	-	0.8	0.1	-	1.2	-	-
Bladen	6.1	-	-	-	-	2.8	-	-
Blue Ridge	4.0	0.0	0.8	-	-	0.8	-	0.4
Brunswick	2.5	-	0.3	0.0	-	1.0	-	-
Caldwell	3.5	-	0.7	-	-	1.1	-	-
Cape Fear	4.7	0.0	0.5	0.0	0.8	0.6	0.1	-
Carteret	3.8	-	-	-	1.6	1.8	-	-
Catawba Valley	4.8	0.1	0.8	0.2	-	1.7	-	-
Central Carolina	3.7	-	0.2	-	0.2	0.4	-	-
Central Piedmont	4.2	0.1	0.3	0.1	-	0.7	0.1	0.4
Cleveland	7.1	-	3.0	0.1	-	1.3	-	-
Coastal Carolina	7.3	-	0.1	0.1	0.1	3.2	-	-
Coll. of Albemarle	4.4	0.3	-	-	-	1.7	-	-
Craven	7.4	-	-	0.0	-	2.2	-	-
Davidson County	7.7	-	0.1	-	2.0	0.7	-	-
Durham	4.4	-	0.2	0.1	-	4.1	0.4	0.1
Edgecombe	6.2	-	0.6	0.4	-	1.4	0.1	-
Fayetteville	3.7	0.1	1.2	0.1	1.8	2.4	-	-
Forsyth	2.3	0.1	0.4	0.4	-	2.9	0.1	0.4
Gaston	3.2	0.5	0.4	0.1	0.7	1.4	-	-
Guilford	2.5	-	0.2	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	5.9	0.2	0.0	0.1	-	1.0	-	-
Isothermal	4.4	-	-	-	-	2.5	-	-
James Sprunt	6.5	0.5	0.1	2.5	-	3.6	-	0.1
Johnston	4.3	0.9	0.7	-	1.4	0.8	-	2.2
Lenoir	4.4	0.9	0.1	0.0	-	1.1	-	-
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	6.9	-	0.5	-	-	2.0	-	-
McDowell	3.3	0.3	-	-	-	1.3	-	-
Mitchell	3.4	0.3	0.8	-	-	2.3	-	-
Montgomery	9.0	-	-	-	-	0.5	-	-
Nash	4.7	0.3	0.6	-	-	0.7	-	0.0
Pamlico	9.0	-	0.3	1.9	-	1.4	-	-
Piedmont	4.3	-	0.3	0.1	0.3	1.5	-	-
Pitt	5.7	-	0.1	0.1	-	3.1	-	-
Randolph	2.6	-	0.2	0.1	-	0.8	-	-
Richmond	6.0	-	0.7	0.4	-	0.9	-	-
Roanoke-Chowan	8.1	-	-	-	-	1.6	-	-
Robeson	5.5	-	0.1	-	-	1.2	-	-
Rockingham	4.4	0.8	-	-	-	1.0	-	-
Rowan-Cabarrus	5.5	-	0.5	1.6	0.2	1.7	0.2	0.0
Sampson	8.8	-	-	0.1	-	1.2	-	-
Sandhills	5.5	0.4	0.6	-	0.4	0.4	-	-
South Piedmont	2.8	-	0.4	-	-	0.8	-	-
Southeastern	5.7	0.2	1.0	0.4	1.6	0.8	-	-
Southwestern	4.4	-	0.4	0.4	1.4	2.8	-	-
Stanly	4.8	-	1.1	0.1	-	0.5	-	-
Surry	7.1	-	0.0	0.1	-	0.4	-	-
Tri-County	5.1	-	-	0.1	2.4	1.1	-	-
Vance-Granville	4.0	-	-	-	2.1	2.4	-	-
Wake	4.3	-	0.5	-	1.0	0.4	-	-
Wayne	5.5	-	0.9	0.5	1.0	1.1	0.1	-
Western Piedmont	5.2	-	0.2	0.1	-	2.6	-	-
Wilkes	5.2	0.1	0.1	-	0.9	0.8	-	-
Wilson	4.8	-	0.2	-	-	2.0	-	-
Subtotal	4.5	0.1	0.4	0.1	0.5	1.4	0.0	0.1
Private Institutions								
NC Private Universities								
Barton	6.9	0.7	0.4	-	-	0.7	-	-
Campbell	4.3	0.4	0.5	0.1	0.1	1.0	0.0	0.0
Mars Hill	4.7	0.8	1.1	-	-	0.5	-	-
Pfeiffer	6.1	-	0.0	-	-	0.8	-	0.1
Subtotal	5.0	0.5	0.6	0.0	0.0	0.8	0.0	0.0
Grand Total	4.8	0.3	0.3	0.3	0.4	1.9	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	2.2	0.3	0.1	23.0	4.2	0.4	0.1	0.4	0.1	0.2	0.5
NC State Veterinary Med	-	-	-	-	1.5	-	-	-	2.2	0.3	1.2	0.6
UNC-Chapel Hill	0.6	3.0	0.3	0.1	32.7	10.5	0.5	0.3	0.8	0.4	1.0	0.5
UNC-Chapel Hill Hlth Aff.	0.1	0.0	0.0	0.0	0.4	-	-	-	0.1	0.2	0.1	0.0
Subtotal	0.3	2.1	0.2	0.1	23.0	5.9	0.4	0.1	0.5	0.2	0.5	0.4
Doctoral Universities I and II												
East Carolina	0.1	6.9	0.1	0.1	29.8	4.7	0.3	0.2	1.7	0.1	0.0	0.5
East Carolina Hlth Aff.	-	-	-	-	0.1	-	-	-	-	0.0	2.2	-
NC A&T	0.3	2.2	0.5	0.3	23.7	3.6	0.8	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	2.5	1.9	0.3	0.1	38.4	3.9	0.4	0.2	0.5	0.1	0.0	0.2
UNC Greensboro	0.2	3.0	0.3	0.2	44.0	2.1	0.8	0.2	0.9	0.0	0.8	0.3
Subtotal	0.9	3.3	0.3	0.1	32.6	3.4	0.5	0.2	0.9	0.1	0.4	0.3
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.1	11.4	0.4	0.3	33.9	5.1	0.5	0.5	0.9	-	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	2.6	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	5.5	0.3	0.4	39.4	2.1	0.3	0.6	0.7	0.3	0.2	0.1
UNC Wilmington	0.7	6.4	0.3	-	43.9	4.2	0.4	0.3	0.2	0.1	0.2	0.2
Western Carolina	0.1	10.1	0.5	0.1	36.8	3.3	0.3	2.3	0.4	0.0	0.1	0.1
Winston-Salem	1.4	8.4	0.3	0.2	39.4	3.2	0.6	0.9	0.3	0.3	0.1	0.1
Subtotal	0.5	8.0	0.4	0.2	36.3	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	5.6	0.5	0.2	44.5	1.6	0.9	0.5	0.3	-	0.1	-
UNC Asheville	0.6	9.8	0.3	0.2	33.2	7.1	0.7	0.0	2.3	0.3	2.2	-
Subtotal	0.5	7.7	0.4	0.2	39.0	4.4	0.8	0.3	1.3	0.1	1.1	-
Schools of Art, Music, and Design												
UNC School of the Arts	0.1	7.8	0.2	0.3	21.0	-	0.5	0.5	1.2	0.2	-	0.7
Subtotal	0.1	7.8	0.2	0.3	21.0	-	0.5	0.5	1.2	0.2	-	0.7
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Subtotal	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Community Colleges												
Alamance	0.1	2.2	0.2	0.5	4.3	-	-	-	1.6	-	-	-
Asheville-Buncombe	0.9	0.8	0.7	0.5	3.3	-	-	0.6	0.2	0.5	-	0.0
Beaufort Co.	1.2	1.4	0.8	0.5	4.4	-	-	-	3.3	-	-	-
Bladen	1.1	7.8	-	0.4	3.7	-	-	-	3.2	0.5	0.2	1.8
Blue Ridge	0.3	9.6	1.4	-	3.8	-	-	-	2.2	0.3	-	1.0
Brunswick	0.5	0.8	0.3	0.4	5.4	-	0.0	-	2.5	0.2	-	0.1
Caldwell	0.0	6.8	1.2	0.1	2.6	-	-	0.0	3.9	-	-	0.0
Cape Fear	3.2	1.7	1.8	0.4	2.6	-	-	0.2	0.5	0.6	0.0	-
Carteret	1.1	2.5	1.8	0.1	2.0	-	-	0.7	-	0.1	-	0.1
Catawba Valley	0.0	3.0	1.0	0.0	2.2	5.9	-	-	-	-	-	-
Central Carolina	0.4	2.0	0.4	0.0	4.5	-	-	-	-	0.1	-	-
Central Piedmont	1.4	2.9	0.5	0.5	1.9	-	-	0.2	2.9	0.2	-	0.4
Cleveland	0.3	3.1	-	0.4	2.5	-	-	0.1	1.0	0.1	-	-
Coastal Carolina	0.1	1.3	1.0	0.1	3.4	-	-	0.2	1.7	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	-	4.7	-	-	0.0	3.6	0.1	0.0	-
Durham	0.8	0.7	1.3	0.3	1.0	-	-	0.8	10.3	0.2	-	0.5
Edgecombe	0.6	6.1	0.2	0.3	1.3	-	-	0.7	0.6	0.0	-	-
Fayetteville	2.6	2.3	0.6	0.1	3.4	-	-	0.5	1.0	0.3	0.0	0.5
Forsyth	0.6	2.2	1.1	0.2	3.2	0.0	-	0.1	0.7	0.0	0.6	0.0
Gaston	0.8	3.9	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	5.9	0.4	0.3	3.6	-	-	1.0	1.6	0.2	-	1.2
Isothermal	0.1	2.8	0.7	0.1	1.9	-	-	0.3	1.7	0.4	0.3	-
James Sprunt	1.2	2.0	2.1	1.1	3.2	-	-	-	3.2	0.1	-	-
Johnston	1.0	5.4	1.2	0.7	5.3	-	-	0.1	2.2	0.2	-	0.9
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	-	0.6	0.9	0.6	7.6	-	-	-	3.4	0.0	0.2	-
McDowell	0.3	-	1.0	0.1	4.1	-	-	-	2.2	-	-	1.6
Mitchell	1.0	6.7	1.6	0.5	6.3	-	-	0.1	1.1	0.2	-	-
Montgomery	0.7	4.5	1.1	0.3	4.4	-	-	0.1	1.8	0.1	-	0.3
Nash	0.8	0.0	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	0.9	4.1	1.1	0.1	2.1	0.1	-	4.6	-	-	-	-
Randolph	0.8	1.3	1.0	0.6	4.9	-	-	0.2	0.0	0.2	-	-
Richmond	0.3	2.9	1.2	0.1	1.5	-	0.1	-	0.6	0.1	-	-
Roanoke-Chowan	-	10.2	1.7	0.2	2.2	-	-	-	-	-	-	3.6
Robeson	0.3	6.4	1.0	0.7	6.2	-	-	0.2	0.8	0.1	-	-
Rockingham	0.3	4.9	1.3	0.3	3.2	-	-	0.0	0.5	0.1	-	0.2
Rowan-Cabarrus	1.0	0.5	2.2	0.3	5.1	-	-	0.1	2.6	0.1	0.3	-
Sampson	0.1	3.1	1.0	0.1	4.7	-	-	0.1	2.1	-	-	-
Sandhills	0.1	4.7	1.0	0.3	6.9	-	-	-	-	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	-	2.3	3.6	0.3	3.0	-	-	0.3	1.2	-	-	-
Southwestern	0.2	6.9	1.6	0.6	2.6	-	-	-	1.4	0.0	-	-
Stanly	1.1	2.8	0.7	0.5	4.6	-	-	0.1	2.8	-	-	-
Surry	1.1	0.8	0.2	0.3	3.7	0.1	-	0.0	1.3	-	-	-
Tri-County	0.5	4.4	0.9	0.3	1.8	-	-	-	-	-	0.2	-
Vance-Granville	1.0	-	2.9	0.6	4.1	0.1	-	0.4	0.6	-	-	-
Wake	0.5	1.3	1.6	0.2	3.8	0.1	-	0.4	1.7	-	-	-
Wayne	0.2	3.4	0.5	0.5	3.4	-	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	0.2	14.3	1.1	0.3	1.5	-	-	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	0.8	3.3	1.0	0.3	3.3	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	0.3	4.1	0.4	0.2	40.9	9.3	0.2	0.1	2.0	0.1	-	0.1
Mars Hill	0.0	11.9	0.0	0.1	37.2	2.2	0.5	0.4	1.3	-	-	-
Pfeiffer	0.1	8.0	0.1	0.3	31.6	3.0	0.2	0.1	1.9	0.1	-	-
Subtotal	0.2	6.7	0.3	0.2	37.6	6.0	0.3	0.2	1.7	0.1	-	0.1
Grand Total	0.6	4.0	0.5	0.2	22.4	3.3	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	0.1	-	0.0	1.3	0.9	3.8
NC State Veterinary Med	-	0.5	0.1	0.2	0.2	-	-	-	-	0.7	-	-
UNC-Chapel Hill	0.3	0.6	2.4	1.4	0.3	0.8	0.2	0.0	0.3	0.5	1.2	0.7
UNC-Chapel Hill Hlth Aff.	0.1	0.2	1.4	0.2	0.1	0.0	0.0	0.0	0.8	1.1	3.0	4.7
Subtotal	0.2	0.4	2.1	1.1	0.6	0.6	0.1	0.0	0.2	1.0	1.3	2.7
Doctoral Universities I and II												
East Carolina	0.8	2.5	1.9	1.1	0.3	0.5	0.1	0.0	-	1.4	0.2	7.4
East Carolina Hlth Aff.	1.9	0.2	0.2	0.3	-	0.7	-	0.1	-	-	0.8	0.4
NC A&T	0.6	0.5	8.5	0.8	0.4	0.4	0.2	0.1	-	0.5	0.1	0.2
UNC Charlotte	0.5	0.5	1.1	0.4	0.2	0.9	0.0	0.3	-	-	1.6	4.7
UNC Greensboro	0.4	0.3	4.4	1.2	0.5	0.7	0.2	0.1	0.1	0.3	0.2	0.1
Subtotal	0.7	0.9	3.2	0.8	0.3	0.6	0.1	0.2	0.0	0.5	0.6	3.3
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	1.2	8.3
UNC Pembroke	0.5	0.5	4.7	0.1	1.1	0.6	0.2	0.2	-	-	4.2	-
UNC Wilmington	0.6	0.6	3.3	0.7	0.6	0.7	0.4	0.3	-	-	0.0	1.0
Western Carolina	0.5	0.4	0.8	0.6	3.1	0.9	0.3	0.3	0.5	0.5	0.0	2.2
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	0.6	0.6	2.7	0.5	1.2	0.7	0.3	0.2	0.7	0.4	1.0	2.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.7	0.5	1.2	0.8	1.5	0.2	0.2	0.1	-	-	0.2	2.1
UNC Asheville	0.8	0.7	0.9	0.0	0.9	0.8	0.5	0.2	0.0	1.5	-	-
Subtotal	0.7	0.6	1.0	0.4	1.2	0.5	0.3	0.2	0.0	0.8	0.1	1.1
Schools of Art, Music, and Design												
UNC School of the Arts	0.4	0.2	6.4	0.4	1.8	1.2	0.3	0.3	0.3	-	3.0	2.4
Subtotal	0.4	0.2	6.4	0.4	1.8	1.2	0.3	0.3	0.3	-	3.0	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	3.8	0.8	1.0	0.4	0.2	0.6	-	0.1	-	-
Asheville-Buncombe	1.0	1.5	2.0	1.2	0.4	0.2	0.5	0.6	-	8.3	2.4	1.1
Beaufort Co.	1.5	1.7	3.1	0.3	0.9	1.0	0.4	0.3	-	2.8	-	-
Bladen	0.9	0.9	4.7	0.4	0.5	0.1	-	0.9	-	-	-	-
Blue Ridge	1.3	0.7	1.2	1.1	0.2	0.1	-	0.6	-	6.0	-	-
Brunswick	1.4	0.8	3.3	0.6	0.4	0.3	0.3	0.3	24.7	8.0	0.0	-
Caldwell	1.4	0.7	1.0	0.4	0.1	0.1	0.4	0.1	-	6.3	-	-
Cape Fear	1.7	1.6	2.5	0.6	0.6	0.6	0.7	0.3	2.1	4.0	0.1	0.1
Carteret	2.7	0.5	4.1	1.3	0.2	0.3	0.1	0.1	-	1.0	-	-
Catawba Valley	1.6	0.7	1.6	0.6	-	0.2	1.4	0.4	-	5.6	0.1	1.9
Central Carolina	2.1	0.4	1.1	0.5	0.4	0.1	0.0	0.3	4.8	-	-	-
Central Piedmont	0.6	0.9	2.9	2.6	-	0.7	0.7	0.3	0.1	1.0	-	0.6
Cleveland	1.1	2.2	3.0	0.7	1.1	0.7	0.0	0.2	-	-	-	-
Coastal Carolina	0.4	0.7	3.8	0.5	0.2	0.1	-	0.2	-	-	-	-
Coll. of Albemarle	1.0	1.0	7.1	0.9	0.6	0.5	0.4	0.3	-	0.0	-	-
Craven	1.6	1.3	2.2	0.8	-	0.4	1.6	0.7	-	4.8	-	-
Davidson County	0.8	1.0	9.7	-	1.5	0.5	-	0.2	-	2.1	-	-
Durham	1.2	0.6	1.8	1.2	0.7	0.6	1.4	0.5	-	2.6	-	1.6
Edgecombe	1.2	0.8	2.9	0.4	0.2	0.6	0.4	0.4	0.2	3.8	-	-
Fayetteville	1.6	1.1	4.4	1.0	0.2	0.2	1.9	0.3	-	0.1	-	-
Forsyth	1.2	0.8	2.9	0.8	0.6	1.0	0.2	0.3	-	1.3	0.7	7.4
Gaston	0.5	0.6	3.0	1.1	0.7	0.0	0.4	0.3	-	5.0	-	3.6

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	6.3
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	3.5	-	-
Haywood	0.7	0.8	2.1	1.9	5.0	0.2	0.9	0.2	-	2.0	-	-
Isothermal	1.0	0.8	4.6	0.9	0.1	-	0.1	0.4	-	2.2	-	-
James Sprunt	1.3	3.3	0.6	1.6	0.3	0.7	-	0.3	-	-	0.3	-
Johnston	1.0	1.4	4.2	0.8	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	2.1	0.5	2.3	1.0	0.7	0.2	0.5	0.3	-	6.3	-	0.2
McDowell	0.5	0.8	5.5	1.3	1.5	0.1	-	0.2	-	4.3	-	-
Mitchell	2.5	2.7	2.4	1.8	0.8	-	0.6	-	-	2.1	0.2	0.4
Montgomery	4.8	1.1	1.3	1.2	-	0.3	0.1	0.3	-	2.6	-	-
Nash	0.7	0.5	2.3	0.4	5.3	0.2	0.3	0.2	7.0	-	0.3	-
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	-	0.0	-	-
Randolph	0.4	0.6	13.1	0.7	0.4	0.4	-	0.0	1.3	5.1	-	1.1
Richmond	2.7	0.7	3.2	0.1	0.4	0.3	0.1	0.5	-	1.4	-	-
Roanoke-Chowan	1.2	1.1	4.6	0.9	-	-	0.6	0.4	-	19.8	-	-
Robeson	1.5	0.7	3.6	1.2	0.5	0.1	1.3	0.7	0.2	2.9	1.9	-
Rockingham	1.0	0.8	2.4	1.0	1.1	0.3	0.5	0.4	-	0.2	-	-
Rowan-Cabarrus	3.1	0.1	2.7	0.7	0.4	0.0	0.1	0.3	-	1.4	0.4	7.3
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	1.0	0.3	0.3	-	0.2	-	-
South Piedmont	1.8	0.7	2.4	0.7	0.8	0.6	0.1	0.2	-	5.4	-	30.4
Southeastern	1.0	0.7	3.4	0.8	0.2	0.4	0.1	0.5	-	0.7	7.0	0.4
Southwestern	0.9	1.0	3.6	1.8	0.2	0.8	0.8	0.4	-	2.3	-	0.7
Stanly	4.4	1.3	2.9	1.2	0.2	0.1	0.8	1.1	-	4.4	-	-
Surry	0.9	0.8	2.1	1.3	0.1	0.2	-	-	-	2.7	-	-
Tri-County	1.7	0.7	7.8	0.9	-	-	0.1	0.2	-	-	-	-
Vance-Granville	0.9	0.9	3.7	0.8	0.6	0.4	0.2	0.3	-	3.1	1.1	5.3
Wake	1.0	0.5	2.8	1.0	0.1	0.3	0.8	0.4	-	1.1	0.0	8.2
Wayne	1.1	0.4	1.3	0.6	0.8	0.0	0.4	0.3	0.3	3.4	-	19.4
Western Piedmont	1.4	0.6	1.6	1.7	0.4	1.0	0.3	0.4	-	1.5	15.8	-
Wilkes	0.8	0.5	2.7	0.6	-	0.2	0.6	0.2	2.7	2.0	-	1.6
Wilson	3.2	1.3	5.7	1.1	4.1	0.5	1.3	0.3	-	-	-	-
Subtotal	1.2	0.9	3.1	1.0	0.6	0.4	0.5	0.3	0.7	2.5	1.8	2.6
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	0.3	0.6	0.4	2.5	0.3	1.0	0.1	0.4	0.9	0.0	0.1
Mars Hill	0.8	0.2	0.7	0.6	1.4	1.7	0.2	0.2	0.1	-	0.1	2.3
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	3.1	0.9	0.8	0.2	0.2	0.4	1.1	0.6
Grand Total	0.7	0.7	2.7	0.9	0.8	0.6	0.3	0.2	0.4	1.1	1.2	2.6

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 2015 (%)</u>
Classroom (Series 100)	8.0	9.7
Laboratory (Series 200)	14.5	16.8
Office(Series 300)	13.0	20.8
Study (Series 400)	6.8	5.4
Special Use (Series 500)	8.9	8.7
General Use (Series 600)	12.0	10.6
Support (Series 700)	6.5	4.6
Health Care (Series 800)	1.4	1.9
Residential (Series 900)	26.7	17.8
Unclassified (Series 000)	2.2	3.7

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

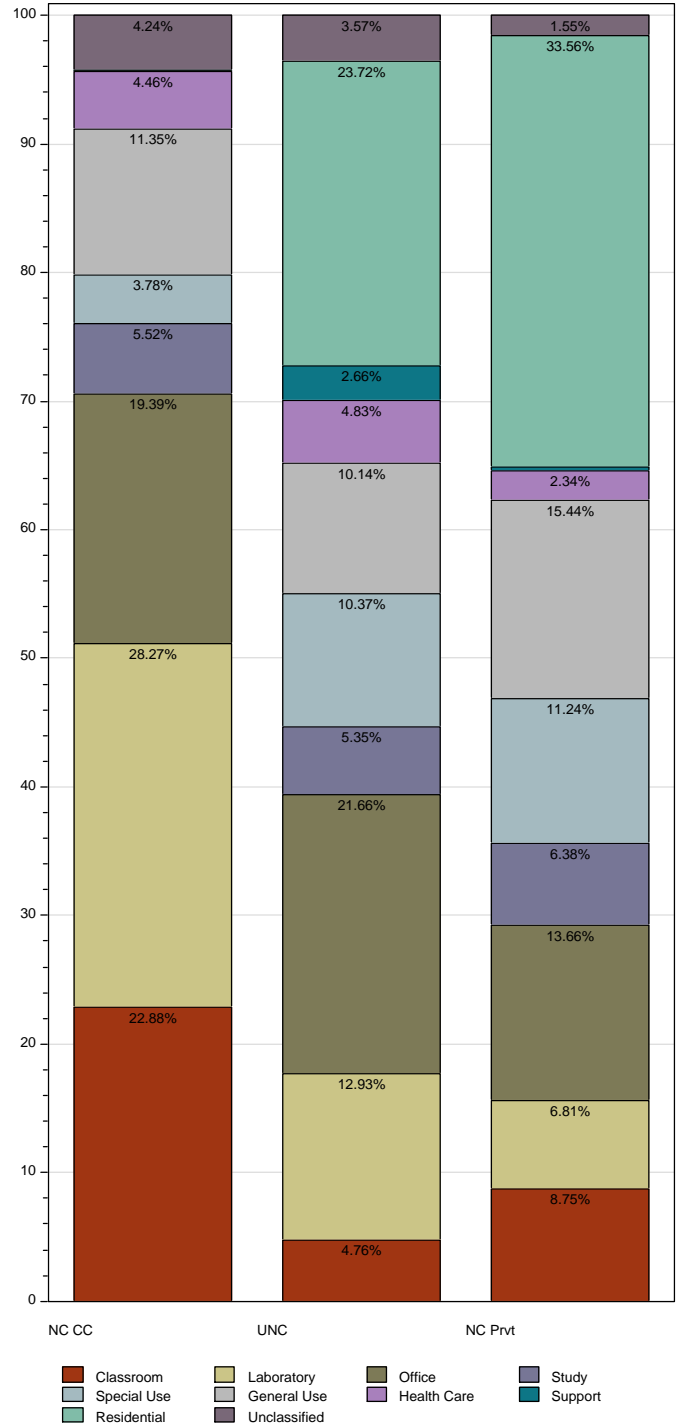
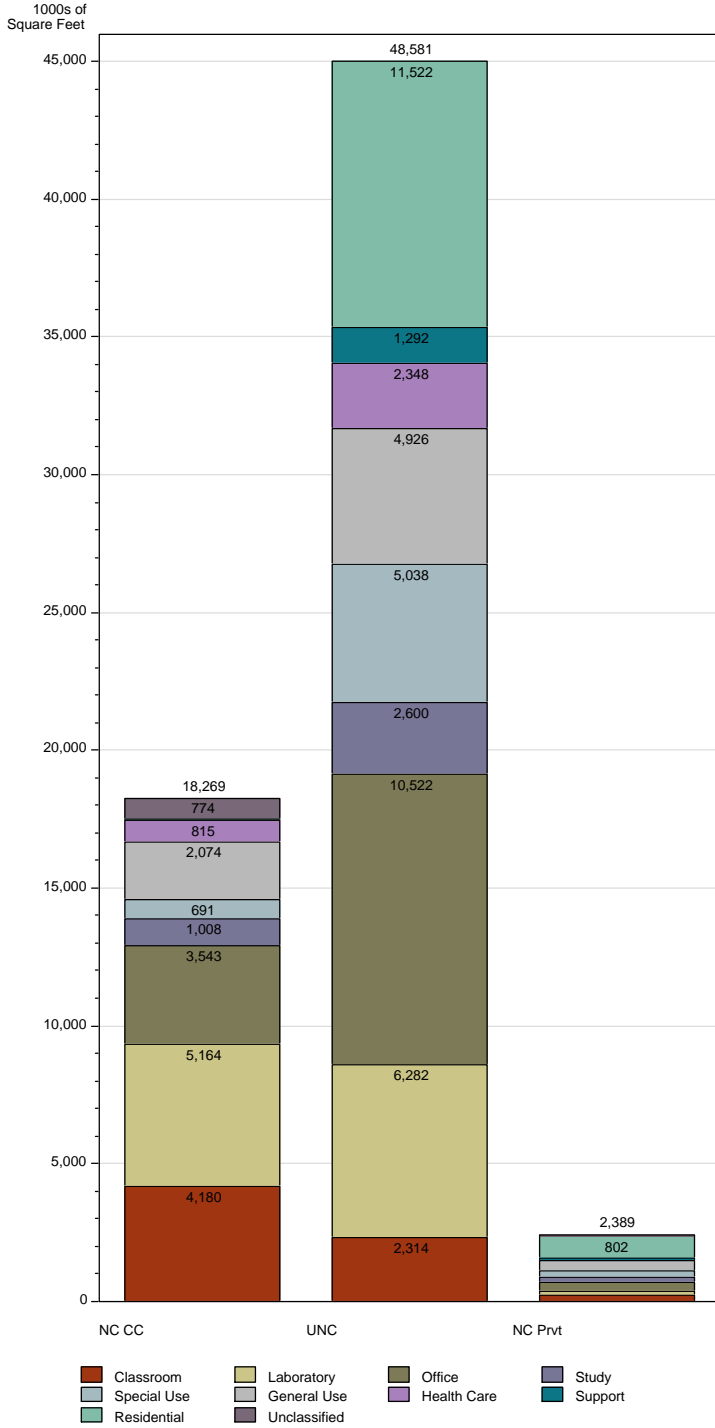


Table 15. Assignable Area by Room Codes

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	9,173,506	259,304	2.8	1,608,382	17.5	1,911,095	20.8	353,624	3.9
NC State Veterinary Med	424,590	7,751	1.8	102,311	24.1	86,851	20.5	11,130	2.6
UNC-Chapel Hill	7,270,818	265,059	3.6	621,009	8.5	1,584,357	21.8	634,893	8.7
UNC-Chapel Hill Hlth Aff.	2,693,137	79,568	3.0	767,772	28.5	1,083,424	40.2	75,078	2.8
Subtotal	19,562,051	611,682	3.1	3,099,474	15.8	4,665,727	23.9	1,074,725	5.5
Doctoral Universities I and II									
East Carolina	3,345,906	182,629	5.5	357,898	10.7	670,851	20.0	188,775	5.6
East Carolina Hlth Aff.	861,502	49,154	5.7	163,497	19.0	338,071	39.2	54,935	6.4
NC A&T	2,230,671	142,651	6.4	343,691	15.4	445,175	20.0	134,509	6.0
UNC Charlotte	3,853,416	241,151	6.3	536,419	13.9	817,565	21.2	241,280	6.3
UNC Greensboro	3,047,817	152,347	5.0	342,907	11.3	615,986	20.2	136,546	4.5
Subtotal	13,339,312	767,932	5.8	1,744,412	13.1	2,887,648	21.6	756,045	5.7
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,723,361	173,770	6.4	264,221	9.7	545,689	20.0	92,752	3.4
Fayetteville	903,039	57,386	6.4	90,180	10.0	218,113	24.2	68,228	7.6
NC Central	1,478,739	124,300	8.4	147,325	10.0	310,585	21.0	103,263	7.0
UNC Pembroke	1,027,216	88,258	8.6	59,818	5.8	182,945	17.8	40,675	4.0
UNC Wilmington	2,273,762	157,938	6.9	229,673	10.1	384,631	16.9	119,015	5.2
Western Carolina	2,029,026	101,811	5.0	189,222	9.3	325,421	16.0	127,929	6.3
Winston-Salem	1,257,340	68,083	5.4	83,578	6.6	229,385	18.2	55,869	4.4
Subtotal	11,692,483	771,546	6.6	1,064,017	9.1	2,196,769	18.8	607,731	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	891,657	50,136	5.6	95,241	10.7	165,062	18.5	71,754	8.0
Subtotal	1,808,656	125,048	6.9	166,083	9.2	291,472	16.1	111,509	6.2
Schools of Art, Music, and Design									
UNC School of the Arts	820,573	28,078	3.4	196,826	24.0	108,999	13.3	46,744	5.7
Subtotal	820,573	28,078	3.4	196,826	24.0	108,999	13.3	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	238,366	72,277	30.3	74,785	31.4	47,628	20.0	10,937	4.6
Asheville-Buncombe	514,143	95,504	18.6	184,093	35.8	132,873	25.8	16,788	3.3
Beaufort Co.	189,556	51,169	27.0	53,661	28.3	36,408	19.2	9,158	4.8
Bladen	110,661	23,454	21.2	32,642	29.5	24,446	22.1	8,346	7.5
Blue Ridge	291,364	69,330	23.8	93,274	32.0	43,917	15.1	14,297	4.9
Brunswick	246,752	64,156	26.0	25,962	10.5	42,251	17.1	7,369	3.0
Caldwell	366,373	97,131	26.5	100,151	27.3	64,711	17.7	19,006	5.2
Cape Fear	636,219	116,879	18.4	214,972	33.8	153,053	24.1	31,044	4.9
Carteret	167,737	42,207	25.2	59,526	35.5	35,828	21.4	6,047	3.6
Catawba Valley	380,297	80,440	21.2	116,408	30.6	73,755	19.4	23,222	6.1
Central Carolina	386,056	117,676	30.5	119,537	31.0	71,807	18.6	20,504	5.3
Central Piedmont	1,343,998	367,490	27.3	361,175	26.9	302,831	22.5	63,965	4.8
Cleveland	207,872	51,422	24.7	62,603	30.1	31,861	15.3	18,208	8.8
Coastal Carolina	226,181	74,163	32.8	72,286	32.0	43,360	19.2	15,190	6.7
Coll. of Albemarle	268,077	59,494	22.2	81,901	30.6	53,787	20.1	12,345	4.6
Craven	212,167	53,470	25.2	71,757	33.8	45,437	21.4	18,954	8.9
Davidson County	311,791	71,473	22.9	77,320	24.8	73,839	23.7	22,880	7.3
Durham	344,861	82,908	24.0	99,695	28.9	74,052	21.5	15,699	4.6
Edgecombe	169,774	36,236	21.3	44,623	26.3	30,428	17.9	12,318	7.3
Fayetteville	648,208	165,190	25.5	212,351	32.8	129,414	20.0	31,481	4.9

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	751,667	151,359	20.1	251,451	33.5	151,560	20.2
Gaston	473,491	110,202	23.3	136,725	28.9	99,645	21.0	30,760	6.5
Guilford	1,183,673	215,752	18.2	286,702	24.2	168,791	14.3	43,000	3.6
Halifax	187,362	38,320	20.5	46,849	25.0	34,385	18.4	11,164	6.0
Haywood	240,434	34,010	14.1	97,157	40.4	42,417	17.6	13,750	5.7
Isothermal	242,274	48,634	20.1	66,758	27.6	39,437	16.3	11,156	4.6
James Sprunt	119,722	30,184	25.2	24,711	20.6	34,643	28.9	10,267	8.6
Johnston	328,676	89,445	27.2	79,088	24.1	64,044	19.5	20,221	6.2
Lenoir	325,708	74,560	22.9	87,621	26.9	55,026	16.9	19,172	5.9
Martin	169,822	23,378	13.8	37,211	21.9	18,218	10.7	14,165	8.3
Mayland	122,430	32,802	26.8	33,055	27.0	23,214	19.0	10,255	8.4
McDowell	153,019	29,329	19.2	61,084	39.9	27,086	17.7	6,844	4.5
Mitchell	253,421	66,212	26.1	50,865	20.1	53,971	21.3	15,216	6.0
Montgomery	92,317	19,054	20.6	30,658	33.2	17,220	18.7	10,586	11.5
Nash	226,211	72,982	32.3	54,920	24.3	34,473	15.2	11,448	5.1
Pamlico	54,774	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	378,859	79,605	21.0	131,609	34.7	88,325	23.3	24,221	6.4
Randolph	296,388	66,372	22.4	95,310	32.2	44,295	14.9	8,459	2.9
Richmond	179,408	38,919	21.7	45,944	25.6	32,494	18.1	10,810	6.0
Roanoke-Chowan	116,052	16,479	14.2	36,289	31.3	17,165	14.8	11,615	10.0
Robeson	201,469	35,232	17.5	64,694	32.1	41,282	20.5	11,250	5.6
Rockingham	229,568	30,123	13.1	82,363	35.9	35,953	15.7	11,070	4.8
Rowan-Cabarrus	408,742	98,880	24.2	106,148	26.0	82,781	20.3	25,790	6.3
Sampson	139,057	32,694	23.5	37,859	27.2	28,584	20.6	14,296	10.3
Sandhills	335,347	100,819	30.1	72,589	21.6	59,075	17.6	17,584	5.2
South Piedmont	327,972	47,244	14.4	56,308	17.2	53,992	16.5	10,076	3.1
Southeastern	183,578	48,790	26.6	45,673	24.9	38,731	21.1	14,324	7.8
Southwestern	203,425	41,329	20.3	55,381	27.2	40,617	20.0	10,618	5.2
Stanly	152,384	40,225	26.4	42,794	28.1	33,466	22.0	7,285	4.8
Surry	313,712	91,432	29.1	89,019	28.4	60,496	19.3	15,686	5.0
Tri-County	117,427	34,685	29.5	37,202	31.7	18,162	15.5	5,961	5.1
Vance-Granville	262,892	47,185	17.9	78,532	29.9	49,087	18.7	21,124	8.0
Wake	993,155	234,173	23.6	246,054	24.8	218,591	22.0	81,268	8.2
Wayne	325,374	39,413	12.1	91,594	28.2	50,894	15.6	19,361	6.0
Western Piedmont	288,301	61,928	21.5	67,430	23.4	47,577	16.5	17,592	6.1
Wilkes	341,557	77,389	22.7	90,294	26.4	50,517	14.8	17,003	5.0
Wilson	143,540	41,761	29.1	36,678	25.6	31,925	22.2	9,561	6.7
Subtotal	18,269,234	4,180,474	22.9	5,163,652	28.3	3,543,242	19.4	1,008,345	5.5
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	1,127,462	103,660	9.2	62,305	5.5	158,556	14.1	79,467	7.0
Mars Hill	543,596	42,502	7.8	46,988	8.6	65,204	12.0	28,959	5.3
Pfeiffer	367,759	34,151	9.3	29,152	7.9	45,508	12.4	22,401	6.1
Subtotal	2,389,271	209,165	8.8	162,665	6.8	326,275	13.7	152,405	6.4
Grand Total	69,239,882	6,703,851	9.7	11,607,958	16.8	14,391,953	20.8	3,760,748	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	1,573,456	17.2	775,126	8.4	427,981	4.7	25,669	0.3	1,812,169	19.8	426,700	4.7
NC State Veterinary Med	67,116	15.8	11,169	2.6	24,162	5.7	114,100	26.9	-	-	0	0.0
UNC-Chapel Hill	846,043	11.6	814,314	11.2	455,415	6.3	22,595	0.3	1,893,863	26.0	133,270	1.8
UNC-Chapel Hill Hlth Aff.	187,614	7.0	92,694	3.4	37,799	1.4	159,950	5.9	310	0.0	208,928	7.8
Subtotal	2,674,229	13.7	1,693,303	8.7	945,357	4.8	322,314	1.6	3,706,342	18.9	768,898	3.9
Doctoral Universities I and II												
East Carolina	347,521	10.4	296,684	8.9	210,857	6.3	5,723	0.2	838,872	25.1	246,096	7.4
East Carolina Hlth Aff.	43,009	5.0	13,705	1.6	40,910	4.7	150,437	17.5	-	-	7,784	0.9
NC A&T	312,058	14.0	208,906	9.4	198,563	8.9	13,203	0.6	425,339	19.1	6,576	0.3
UNC Charlotte	177,345	4.6	358,232	9.3	58,627	1.5	7,627	0.2	1,172,138	30.4	243,032	6.3
UNC Greensboro	99,186	3.3	404,389	13.3	270,435	8.9	9,714	0.3	1,009,391	33.1	6,916	0.2
Subtotal	979,119	7.3	1,281,916	9.6	779,392	5.8	186,704	1.4	3,445,740	25.8	510,404	3.8
Master's (Comprehensive) Universities and Colleges I												
Appalachian	394,875	14.5	390,402	14.3	83,410	3.1	11,733	0.4	743,178	27.3	23,331	0.9
Fayetteville	76,888	8.5	117,690	13.0	19,413	2.1	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	139,560	9.4
UNC Pembroke	89,001	8.7	121,195	11.8	51,100	5.0	2,612	0.3	349,465	34.0	42,147	4.1
UNC Wilmington	125,782	5.5	275,607	12.1	87,246	3.8	4,676	0.2	865,450	38.1	23,744	1.0
Western Carolina	210,103	10.4	300,569	14.8	63,144	3.1	3,246	0.2	662,833	32.7	44,748	2.2
Winston-Salem	108,576	8.6	158,303	12.6	69,091	5.5	6,728	0.5	441,125	35.1	36,602	2.9
Subtotal	1,131,717	9.7	1,523,749	13.0	399,704	3.4	34,119	0.3	3,611,970	30.9	351,161	3.0
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	364,045	39.7	20,250	2.2
UNC Asheville	105,483	11.8	131,506	14.7	38,944	4.4	3,075	0.3	230,456	25.8	0	0.0
Subtotal	196,932	10.9	237,693	13.1	55,657	3.1	9,511	0.5	594,501	32.9	20,250	1.1
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	19.4	43,994	5.4
Subtotal	23,826	2.9	126,900	15.5	82,832	10.1	3,073	0.4	159,301	19.4	43,994	5.4
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	6,206	2.6	17,907	7.5	8,626	3.6	-	-	-	-	0	0.0
Asheville-Buncombe	16,094	3.1	45,320	8.8	17,249	3.4	-	-	-	-	6,222	1.2
Beaufort Co.	3,102	1.6	25,009	13.2	11,049	5.8	-	-	-	-	0	0.0
Bladen	1,155	1.0	12,442	11.2	8,176	7.4	-	-	-	-	0	0.0
Blue Ridge	6,235	2.1	52,154	17.9	12,157	4.2	-	-	-	-	0	0.0
Brunswick	27,456	11.1	67,445	27.3	12,001	4.9	112	0.0	-	-	0	0.0
Caldwell	20,026	5.5	49,202	13.4	16,146	4.4	-	-	-	-	0	0.0
Cape Fear	29,394	4.6	74,952	11.8	14,108	2.2	-	-	756	0.1	1,061	0.2
Carteret	7,209	4.3	9,443	5.6	7,477	4.5	-	-	-	-	0	0.0
Catawba Valley	37,801	9.9	37,823	9.9	2,633	0.7	417	0.1	-	-	7,798	2.1
Central Carolina	11,379	2.9	40,569	10.5	2,630	0.7	1,954	0.5	-	-	0	0.0
Central Piedmont	32,391	2.4	127,685	9.5	80,753	6.0	-	-	-	-	7,708	0.6
Cleveland	15,185	7.3	16,958	8.2	11,635	5.6	-	-	-	-	0	0.0
Coastal Carolina	3,120	1.4	11,583	5.1	6,479	2.9	-	-	-	-	0	0.0
Coll. of Albemarle	7,204	2.7	41,594	15.5	11,752	4.4	-	-	-	-	0	0.0
Craven	1,875	0.9	18,860	8.9	1,814	0.9	-	-	-	-	0	0.0
Davidson County	18,005	5.8	29,234	9.4	18,898	6.1	142	0.0	-	-	0	0.0
Durham	2,752	0.8	23,043	6.7	41,037	11.9	-	-	-	-	5,675	1.6
Edgecombe	770	0.5	37,979	22.4	7,420	4.4	-	-	-	-	0	0.0
Fayetteville	29,025	4.5	49,777	7.7	30,970	4.8	-	-	-	-	0	0.0
Forsyth	18,875	2.5	59,846	8.0	38,443	5.1	-	-	43	0.0	57,009	7.6
Gaston	13,932	2.9	53,054	11.2	11,440	2.4	748	0.2	-	-	16,985	3.6
Guilford	27,329	2.3	87,584	7.4	35,860	3.0	529	0.0	-	-	318,126	26.9

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	0.7	37,468	15.6	12,518	5.2	1,524	0.6	-	-	0	0.0
Isothermal	22,920	9.5	35,146	14.5	18,223	7.5	-	-	-	-	0	0.0
James Sprunt	3,795	3.2	11,716	9.8	4,056	3.4	-	-	-	-	350	0.3
Johnston	8,518	2.6	44,678	13.6	21,169	6.4	-	-	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	0.5	16,358	13.4	5,909	4.8	-	-	-	-	265	0.2
McDowell	1,165	0.8	20,656	13.5	6,855	4.5	-	-	-	-	0	0.0
Mitchell	17,457	6.9	38,943	15.4	9,632	3.8	-	-	-	-	1,125	0.4
Montgomery	1,361	1.5	10,986	11.9	2,452	2.7	-	-	-	-	0	0.0
Nash	12,562	5.6	31,587	14.0	7,607	3.4	-	-	-	-	632	0.3
Pamlico	140	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	20,362	5.4	16,947	4.5	17,790	4.7	-	-	-	-	0	0.0
Randolph	5,152	1.7	36,388	12.3	37,125	12.5	-	-	-	-	3,287	1.1
Richmond	989	0.6	43,617	24.3	6,409	3.6	226	0.1	-	-	0	0.0
Roanoke-Chowan	9,970	8.6	15,437	13.3	9,097	7.8	-	-	-	-	0	0.0
Robeson	3,216	1.6	35,482	17.6	7,122	3.5	-	-	-	-	3,191	1.6
Rockingham	34,158	14.9	27,076	11.8	7,861	3.4	964	0.4	-	-	0	0.0
Rowan-Cabarrus	4,630	1.1	38,413	9.4	19,332	4.7	2,135	0.5	-	-	30,633	7.5
Sampson	1,140	0.8	17,809	12.8	6,675	4.8	-	-	-	-	0	0.0
Sandhills	31,987	9.5	43,838	13.1	3,823	1.1	-	-	5,632	1.7	0	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	7,587	4.1	-	-	-	-	742	0.4
Southwestern	18,202	8.9	26,832	13.2	9,042	4.4	-	-	-	-	1,404	0.7
Stanly	1,644	1.1	19,724	12.9	7,246	4.8	-	-	-	-	0	0.0
Surry	17,276	5.5	27,914	8.9	11,889	3.8	-	-	-	-	0	0.0
Tri-County	-	-	13,563	11.6	7,854	6.7	-	-	-	-	0	0.0
Vance-Granville	1,098	0.4	41,826	15.9	7,441	2.8	-	-	-	-	16,599	6.3
Wake	36,462	3.7	59,590	6.0	35,733	3.6	-	-	-	-	81,284	8.2
Wayne	9,214	2.8	35,064	10.8	15,143	4.7	1,719	0.5	-	-	62,972	19.4
Western Piedmont	6,498	2.3	28,289	9.8	13,545	4.7	-	-	-	-	45,442	15.8
Wilkes	24,463	7.2	52,024	15.2	22,818	6.7	1,282	0.4	-	-	5,767	1.7
Wilson	229	0.2	14,827	10.3	8,559	6.0	-	-	-	-	0	0.0
Subtotal	690,930	3.8	2,074,134	11.4	814,701	4.5	11,859	0.1	7,944	0.0	773,953	4.2
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	132,029	11.7	146,740	13.0	21,724	1.9	2,964	0.3	419,085	37.2	932	0.1
Mars Hill	44,666	8.2	120,198	22.1	14,584	2.7	2,291	0.4	165,217	30.4	12,987	2.4
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	268,653	11.2	368,987	15.4	55,915	2.3	6,334	0.3	801,804	33.6	37,068	1.6
Grand Total	5,997,899	8.7	7,368,976	10.6	3,219,051	4.6	1,310,438	1.9	12,331,387	17.8	2,547,621	3.7

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:

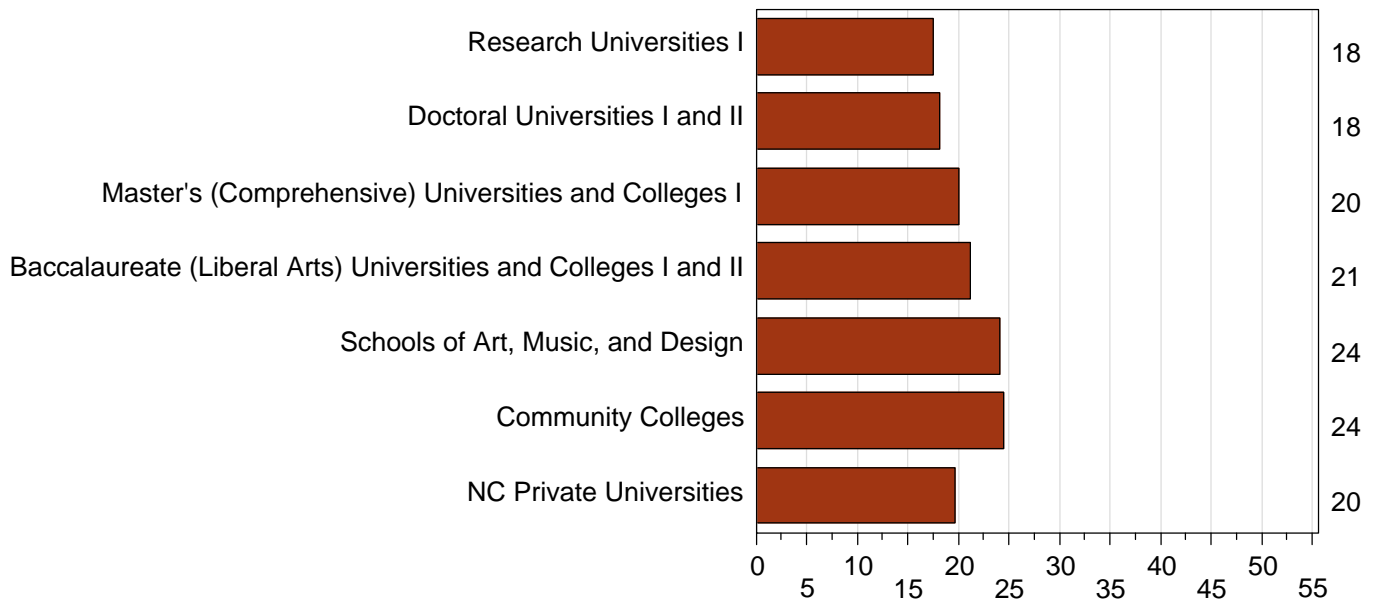
Assignable Square Feet Per Station Criteria

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.

Classrooms

Assignable Square Footage per Student Station



Classrooms

Average Room Size

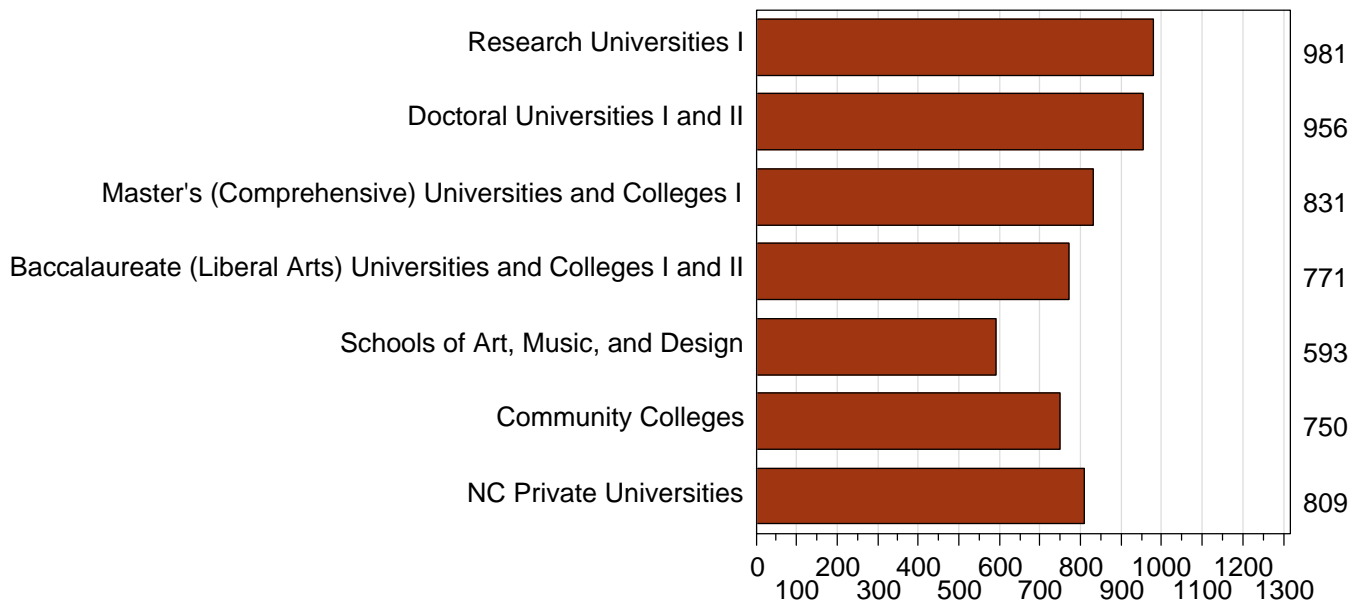


Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2015	2014	2013	2012	2011
Public Institutions									
Research Universities I									
NC State	230	14,331	62	248,401	17	17	17	17	17
NC State Veterinary Med	5	401	80	7,343	18	18	18	18	19
UNC-Chapel Hill	276	14,311	52	249,251	17	17	17	17	18
UNC-Chapel Hill Hlth Aff.	83	4,152	50	77,548	19	19	18	18	18
Subtotal	594	33,195	56	582,543	18	17	17	17	17
Doctoral Universities I and II									
East Carolina	201	10,191	51	178,203	17	17	18	17	17
East Carolina Hlth Aff.	52	2,156	41	48,329	22	20	20	18	18
NC A&T	153	6,832	45	136,437	20	19	19	19	19
UNC Charlotte	228	13,048	57	234,473	18	18	18	17	17
UNC Greensboro	144	8,641	60	146,247	17	17	17	17	17
Subtotal	778	40,868	53	743,689	18	18	18	18	18
Master's (Comprehensive) Universities and Colleges I									
Appalachian	210	8,544	41	168,152	20	20	20	20	20
Fayetteville	65	2,593	40	52,642	20	20	20	20	20
NC Central	150	6,305	42	118,138	19	19	19	19	18
UNC Pembroke	107	3,667	34	84,293	23	23	23	23	20
UNC Wilmington	165	7,596	46	153,087	20	20	20	20	19
Western Carolina	110	4,637	42	95,182	21	21	21	21	21
Winston-Salem	80	3,289	41	65,453	20	20	19	19	19
Subtotal	887	36,631	41	736,947	20	20	20	20	19
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	88	3,262	37	68,479	21	20	19	19	18
UNC Asheville	64	2,260	35	48,657	22	22	22	22	22
Subtotal	152	5,522	36	117,136	21	21	20	20	19
Schools of Art, Music, and Design									
UNC School of the Arts	47	1,158	25	27,874	24	25	25	26	25
Subtotal	47	1,158	25	27,874	24	25	25	26	25
Community Colleges									
Alamance	100	3,101	31	70,895	23	23	23	23	23
Asheville-Buncombe	116	3,519	30	92,887	26	26	26	26	26
Beaufort Co.	60	2,403	40	48,365	20	20	20	20	20
Bladen	37	969	26	22,254	23	22	23	23	23
Blue Ridge	77	1,987	26	61,267	31	31	31	31	31
Brunswick	82	2,036	25	60,674	30	24	24	24	25
Caldwell	114	3,322	29	92,964	28	28	28	28	28
Cape Fear	147	4,556	31	114,715	25	26	27	27	27
Carteret	65	1,473	23	41,480	28	28	28	28	27
Catawba Valley	96	2,860	30	74,636	26	26	25	26	25
Central Carolina	168	4,820	29	115,409	24	24	24	23	23
Central Piedmont	406	12,330	30	356,871	29	29	29	28	27
Cleveland	69	2,179	32	49,872	23	23	23	23	22
Coastal Carolina	96	2,928	31	73,337	25	23	21	21	21
Coll. of Albemarle	73	1,804	25	59,001	33	33	30	30	31
Craven	83	1,939	23	51,462	27	28	28	28	28
Davidson County	91	2,874	32	67,968	24	24	24	24	24
Durham	109	3,695	34	81,197	22	22	22	22	22
Edgecombe	68	1,771	26	34,864	20	20	20	20	20
Fayetteville	216	9,098	42	158,337	17	17	17	17	17
Forsyth	215	6,165	29	147,868	24	24	24	24	24
Gaston	135	4,544	34	105,211	23	23	23	23	23
Guilford	294	8,700	30	207,652	24	24	24	24	24
Halifax	48	1,309	27	38,016	29	29	29	29	29
Haywood	44	1,349	31	32,303	24	24	24	23	24
Isothermal	62	2,023	33	47,059	23	23	23	23	21
James Sprunt	40	970	24	29,649	31	24	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					
					2015	2014	2013	2012	2011	
Johnston	115	3,504	30	82,315	23	23	24	24	24	
Lenoir	101	2,823	28	71,978	25	25	25	26	26	
Martin	27	739	27	22,149	30	29	29	29	29	
Mayland	47	1,232	26	31,662	26	26	26	26	26	
McDowell	42	1,225	29	27,968	23	23	21	21	21	
Mitchell	97	2,837	29	64,077	23	23	23	23	23	
Montgomery	27	809	30	18,879	23	24	24	24	24	
Nash	93	2,799	30	70,310	25	24	24	24	24	
Pamlico	14	303	22	10,111	33	29	29	29	29	
Piedmont	52	1,297	25	36,087	28	28	28	28	28	
Pitt	95	3,158	33	79,063	25	25	25	25	25	
Randolph	96	2,645	28	63,691	24	24	24	23	23	
Richmond	53	1,747	33	38,225	22	21	21	21	20	
Roanoke-Chowan	28	728	26	15,591	21	21	20	20	20	
Robeson	46	1,321	29	33,854	26	26	25	25	21	
Rockingham	38	1,217	32	27,427	23	22	23	22	22	
Rowan-Cabarrus	127	3,762	30	92,553	25	24	24	24	23	
Sampson	42	1,382	33	31,401	23	23	23	23	23	
Sandhills	125	4,092	33	97,500	24	24	23	23	22	
South Piedmont	62	1,532	25	46,542	30	31	26	25	25	
Southeastern	58	2,163	37	46,876	22	22	22	21	21	
Southwestern	56	1,384	25	40,517	29	29	29	29	30	
Stanly	54	1,917	36	37,617	20	19	17	18	18	
Surry	107	3,172	30	86,926	27	26	26	26	26	
Tri-County	50	1,270	25	34,039	27	27	27	27	27	
Vance-Granville	63	2,029	32	46,500	23	23	23	23	22	
Wake	261	9,510	36	226,297	24	23	23	23	24	
Wayne	58	1,792	31	38,180	21	21	21	21	21	
Western Piedmont	60	2,118	35	59,958	28	28	31	31	31	
Wilkes	114	3,558	31	75,801	21	19	19	19	19	
Wilson	56	1,844	33	41,508	23	23	23	22	22	
Subtotal	5,375	164,633	31	4,031,815	24	24	24	24	24	
Private Institutions										
NC Private Universities										
Barton	40	1,678	42	27,919	17	17	17	17	17	
Campbell	96	5,197	54	99,972	19	19	19	19	19	
Mars Hill	65	1,852	28	41,586	22	22	22	22	22	
Pfeiffer	50	1,603	32	33,536	21	21	21	21	21	
Subtotal	251	10,330	41	203,013	20	20	20	20	20	
Grand Total	8,084	292,337	36	6,443,017	22	22	22	21	21	

TABLE 17:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

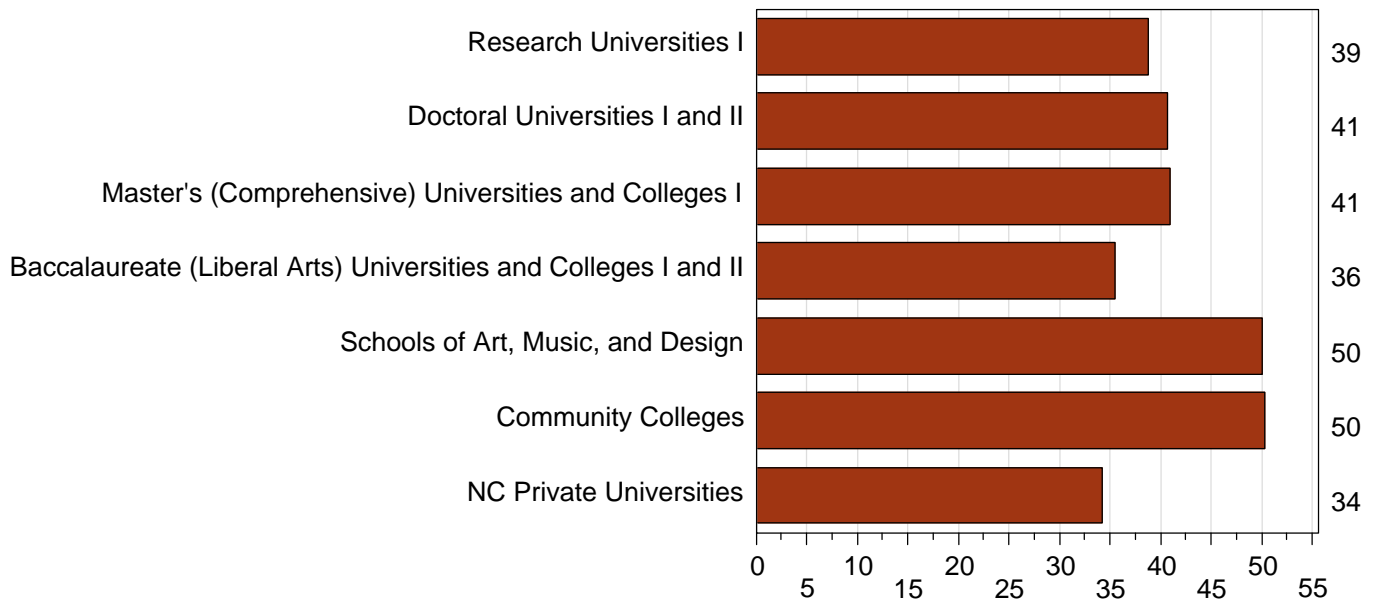
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, 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).

Class Laboratories

Assignable Square Footage per Student Station



Class Laboratories

Average Room Size

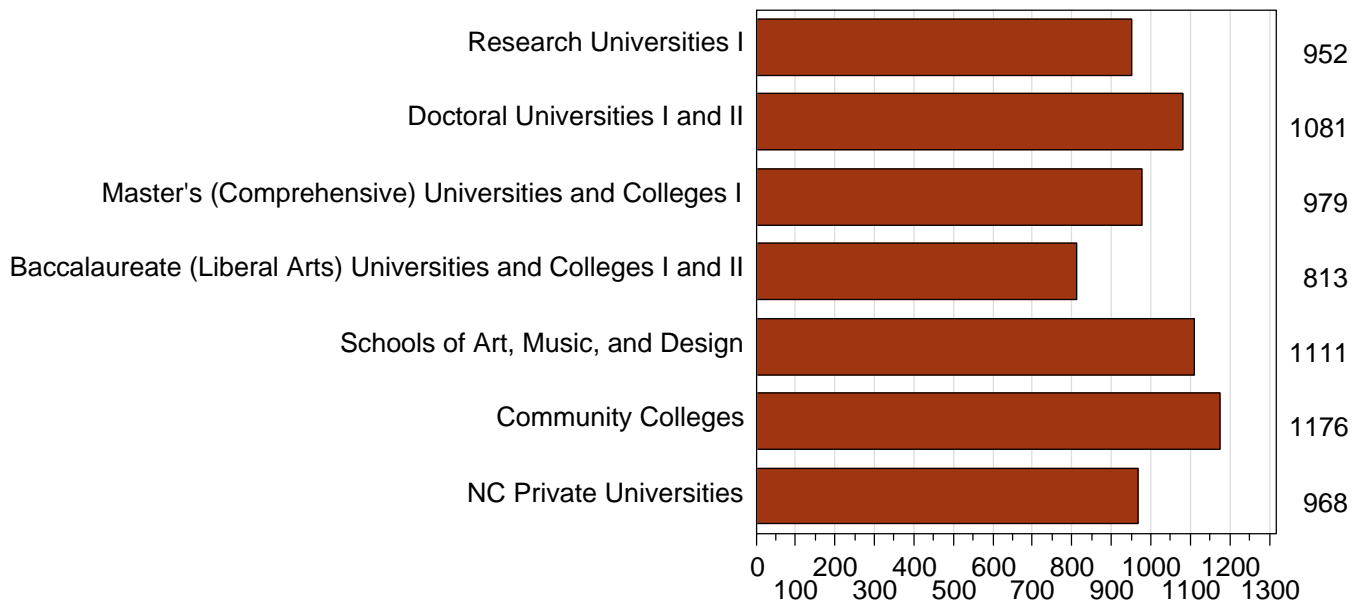


Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2015	2014	2013	2012	2011
Public Institutions									
Research Universities I									
NC State	251	6,601	26	270,482	41	41	42	43	41
NC State Veterinary Med	7	185	26	9,450	51	55	55	55	89
UNC-Chapel Hill	107	2,949	28	96,594	33	33	37	36	39
UNC-Chapel Hill Hlth Aff.	87	1,357	16	53,655	40	38	42	42	41
Subtotal	452	11,092	25	430,181	39	39	41	41	41
Doctoral Universities I and II									
East Carolina	170	4,323	25	163,093	38	37	38	38	38
East Carolina Hlth Aff.	45	819	18	34,017	42	40	45	39	39
NC A&T	84	2,119	25	83,755	40	40	39	37	40
UNC Charlotte	115	3,218	28	126,307	39	39	44	41	40
UNC Greensboro	76	2,547	34	122,473	48	48	48	46	48
Subtotal	490	13,026	27	529,645	41	40	42	40	40
Master's (Comprehensive) Universities and Colleges I									
Appalachian	128	2,885	23	125,826	44	44	44	45	45
Fayetteville	53	1,439	27	53,850	37	37	37	36	34
NC Central	64	1,338	21	58,109	43	42	42	42	40
UNC Pembroke	31	689	22	28,639	42	42	42	42	41
UNC Wilmington	97	2,429	25	91,953	38	39	39	39	39
Western Carolina	78	2,059	26	91,176	44	45	44	45	42
Winston-Salem	53	1,209	23	43,703	36	36	35	35	35
Subtotal	504	12,048	24	493,256	41	41	41	41	40
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	73	1,644	23	55,242	34	38	38	38	39
UNC Asheville	24	575	24	23,644	41	43	44	42	45
Subtotal	97	2,219	23	78,886	36	39	40	40	41
Schools of Art, Music, and Design									
UNC School of the Arts	73	1,619	22	81,096	50	51	52	50	50
Subtotal	73	1,619	22	81,096	50	51	52	50	50
Community Colleges									
Alamance	55	1,331	24	59,301	45	45	45	45	45
Asheville-Buncombe	107	2,993	28	141,138	47	48	48	49	48
Beaufort Co.	32	1,288	40	49,444	38	39	40	38	42
Bladen	27	635	24	31,013	49	50	53	57	57
Blue Ridge	53	1,185	22	83,743	71	72	72	72	72
Brunswick	15	373	25	19,262	52	56	56	56	56
Caldwell	66	1,456	22	85,355	59	52	54	54	54
Cape Fear	122	3,013	25	147,950	49	48	49	49	50
Carteret	44	1,012	23	52,170	52	52	52	52	52
Catawba Valley	93	1,935	21	95,497	49	49	50	50	50
Central Carolina	102	2,326	23	95,320	41	40	42	41	41
Central Piedmont	179	4,410	25	256,744	58	59	63	64	67
Cleveland	64	1,421	22	55,443	39	37	38	38	37
Coastal Carolina	55	1,418	26	58,503	41	41	45	46	46
Coll. of Albemarle	67	1,259	19	74,038	59	59	61	55	54
Craven	42	1,082	26	58,711	54	58	58	55	55
Davidson County	57	1,512	27	62,843	42	39	39	39	39
Durham	82	1,896	23	85,386	45	46	46	47	47
Edgecombe	41	859	21	40,792	47	47	48	48	48
Fayetteville	161	4,080	25	178,176	44	42	42	42	42
Forsyth	141	3,048	22	191,142	63	60	60	63	55
Gaston	63	1,718	27	80,164	47	43	43	43	43
Guilford	179	3,878	22	192,013	50	50	49	49	50
Halifax	27	586	22	35,572	61	61	61	61	61
Haywood	63	1,272	20	70,287	55	57	58	59	67
Isothermal	46	993	22	48,729	49	49	49	49	49
James Sprunt	23	338	15	20,758	61	41	41	40	41

Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station					
					2015	2014	2013	2012	2011	
Johnston	49	1,238	25	62,482	50	50	49	49	49	
Lenoir	68	1,697	25	74,447	44	44	44	47	48	
Martin	25	578	23	32,022	55	55	55	55	55	
Mayland	23	454	20	27,013	60	51	52	53	53	
McDowell	29	783	27	53,280	68	68	49	49	50	
Mitchell	40	948	24	43,932	46	46	46	46	46	
Montgomery	16	306	19	15,687	51	56	56	48	47	
Nash	42	908	22	43,500	48	49	50	50	49	
Pamlico	17	314	18	13,221	42	41	41	41	41	
Piedmont	28	772	28	29,971	39	39	39	39	39	
Pitt	97	1,701	18	115,379	68	69	68	67	50	
Randolph	52	1,254	24	78,977	63	64	62	64	63	
Richmond	37	846	23	37,792	45	45	47	50	49	
Roanoke-Chowan	20	452	23	21,671	48	49	49	49	49	
Robeson	49	1,137	23	56,301	50	50	48	48	43	
Rockingham	53	1,056	20	65,973	62	55	53	50	50	
Rowan-Cabarrus	72	1,658	23	91,619	55	55	55	55	53	
Sampson	26	585	23	34,582	59	59	59	59	59	
Sandhills	58	1,266	22	56,875	45	43	43	42	42	
South Piedmont	37	880	24	38,081	43	43	43	43	43	
Southeastern	32	868	27	32,742	38	38	38	38	38	
Southwestern	51	798	16	45,295	57	56	56	56	55	
Stanly	28	1,044	37	35,603	34	30	33	33	33	
Surry	48	1,240	26	68,225	55	60	60	51	48	
Tri-County	29	584	20	31,101	53	54	54	54	54	
Vance-Granville	62	1,681	27	66,393	39	40	39	43	41	
Wake	183	4,026	22	205,586	51	51	52	51	50	
Wayne	58	1,545	27	67,599	44	44	38	39	39	
Western Piedmont	46	938	20	45,950	49	49	49	50	52	
Wilkes	41	1,113	27	66,020	59	54	43	43	41	
Wilson	30	712	24	32,948	46	47	46	48	48	
Subtotal	3,452	80,699	23	4,059,761	50	50	49	50	49	
Private Institutions										
NC Private Universities										
Barton	20	475	24	17,122	36	36	36	36	36	
Campbell	35	1,323	38	37,244	28	28	28	31	31	
Mars Hill	28	742	27	28,705	39	39	39	41	41	
Pfeiffer	22	426	19	18,599	44	44	44	44	44	
Subtotal	105	2,966	28	101,670	34	34	34	37	37	
Grand Total	5,173	123,669	24	5,774,495	47	46	47	47	46	

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Wilson Center, Cape Fear Community College

The Allan and Laura Wilson Humanities and Fine Arts Center was built in October 2015 out of a growing need to support the arts community in coastal North Carolina and to provide expanded and updated facilities for CFCC students. This \$42.9 million building is prominently located on Third Street at the northern entrance to historic downtown Wilmington. The Wilson Center features state-of-the-art learning spaces for CFCC students in an over 159,000 square foot facility. The educational wing provides three floors of studios, laboratories, and classrooms. Special features include painting, drawing, printmaking, sculpture, and ceramic studios, a lab for digital and graphic design, a photography lab and darkroom, a wardrobe craft room and a working scene shop. For student and community performances, the building houses a 108-person capacity studio/black box theater and an outdoor conservancy with a 600-person capacity. The Wilson Center also functions as a major performance venue for southeastern North Carolina. The 1,559 seat performance hall – the largest in the area – is designed to accommodate Broadway touring productions, concerts, symphonic performances, recitals, symposiums, and other events.

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 ***	13,376,995	81.1	2,675,025	16.2	782	0.0	264,683	1.6	154,995	0.9	13,394	0.1	16,485,874
NC State Veterinary Med	856,211	100.0	-	-	-	-	-	-	-	-	-	-	856,211
UNC-Chapel Hill ***	13,003,111	98.4	-	-	68,760	0.5	126,456	1.0	-	-	20,817	0.2	13,219,144
UNC-Chapel Hill Health Aff.**	5,731,513	85.8	537,875	8.0	129,503	1.9	283,422	4.2	-	-	-	-	6,682,313
Subtotal	32,967,830	88.5	3,212,900	8.6	199,045	0.5	674,561	1.8	154,995	0.4	34,211	0.1	37,243,542
Doctoral Universities I and II													
East Carolina	4,918,515	96.3	-	-	1,806	0.0	64,172	1.3	26,090	0.5	95,460	1.9	5,106,043
East Carolina Hlth Aff.	1,527,567	93.6	-	-	-	-	101,943	6.2	3,168	0.2	-	-	1,632,678
NC A&T	3,107,536	96.5	-	-	-	-	18,940	0.6	-	-	92,337	2.9	3,218,813
UNC Charlotte	5,004,786	54.2	4,085,965	44.3	137,999	1.5	-	-	-	-	-	-	9,228,750
UNC-Greensboro**	6,158,067	99.2	-	-	1,657	0.0	21,010	0.3	10,052	0.2	17,474	0.3	6,208,260
Subtotal	20,716,471	81.6	4,085,965	16.1	141,462	0.6	206,065	0.8	39,310	0.2	205,271	0.8	25,394,544
Master's (Comprehensive) Universities and Colleges I													
Appalachian	3,126,103	65.8	1,621,026	34.1	-	-	7,010	0.1	-	-	-	-	4,754,139
Fayetteville	2,016,496	89.2	243,574	10.8	-	-	-	-	-	-	-	-	2,260,070
NC Central	2,147,206	94.1	134,292	5.9	-	-	-	-	-	-	-	-	2,281,498
UNC Pembroke	1,330,972	85.4	-	-	89,078	5.7	137,661	8.8	-	-	-	-	1,557,711
UNC Wilmington	2,731,031	71.5	325,288	8.5	738,804	19.3	23,456	0.6	-	-	-	-	3,818,579
Western Carolina	2,162,569	68.1	673,451	21.2	314,227	9.9	24,975	0.8	-	-	-	-	3,175,222
Winston-Salem	1,243,249	64.0	184,308	9.5	441,407	22.7	74,668	3.8	-	-	-	-	1,943,632
Subtotal	14,757,626	74.6	3,181,939	16.1	1,583,516	8.0	267,770	1.4	-	-	-	-	19,790,851
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	1,243,381	80.4	302,772	19.6	-	-	-	-	-	-	-	-	1,546,153
Subtotal	2,395,464	82.3	369,348	12.7	145,678	5.0	-	-	-	-	-	-	2,910,490
Schools of Art, Music, and Design													
UNC School of the Arts	991,132	83.2	102,782	8.6	80,440	6.8	5,260	0.4	11,053	0.9	-	-	1,190,667
Subtotal	991,132	83.2	102,782	8.6	80,440	6.8	5,260	0.4	11,053	0.9	-	-	1,190,667
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	348,064	88.4	-	-	-	-	45,648	11.6	-	-	-	-	393,712
Asheville-Buncombe	876,841	98.0	-	-	-	-	-	-	18,000	2.0	-	-	894,841
Beaufort Co.	270,733	100.0	-	-	-	-	-	-	-	-	-	-	270,733
Bladen	148,592	98.3	-	-	-	-	2,520	1.7	-	-	-	-	151,112
Blue Ridge	401,360	100.0	-	-	-	-	-	-	-	-	-	-	401,360
Brunswick	386,616	100.0	-	-	-	-	-	-	-	-	-	-	386,616
Caldwell	527,499	100.0	-	-	-	-	-	-	-	-	-	-	527,499
Cape Fear	1,738,606	99.5	-	-	-	-	9,511	0.5	-	-	-	-	1,748,117
Carteret**	217,402	91.9	-	-	-	-	8,078	3.4	-	-	11,150	4.7	236,630
Catawba Valley	496,996	85.6	63,788	11.0	-	-	-	-	19,625	3.4	-	-	580,409
Central Carolina	441,082	78.9	-	-	-	-	-	-	117,690	21.1	-	-	558,772
Central Piedmont	3,190,331	97.4	-	-	-	-	85,440	2.6	-	-	-	-	3,275,771
Cleveland	293,295	96.1	-	-	-	-	-	-	12,000	3.9	-	-	305,295
Coastal Carolina	337,906	100.0	-	-	-	-	-	-	-	-	-	-	337,906
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	451,086	98.8	-	-	-	-	5,329	1.2	-	-	-	-	456,415
Durham	493,195	96.6	-	-	-	-	17,542	3.4	-	-	-	-	510,737
Edgecombe	242,914	98.5	-	-	-	-	3,654	1.5	-	-	-	-	246,568
Fayetteville*	917,586	95.7	-	-	-	-	8,729	0.9	5,690	0.6	26,402	2.8	958,407
Forsyth	1,007,829	92.6	-	-	-	-	27,644	2.5	52,908	4.9	-	-	1,088,381
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	1,829,370	96.4	-	-	-	-	67,389	3.6	-	-	1,057	0.1	1,897,816
Halifax	268,984	97.7	-	-	-	-	6,337	2.3	-	-	-	-	275,321
Haywood	338,124	100.0	-	-	-	-	-	-	-	-	-	-	338,124
Isothermal	302,105	84.7	-	-	-	-	54,422	15.3	-	-	-	-	356,527
James Sprunt	158,986	94.5	-	-	-	-	4,329	2.6	5,000	3.0	-	-	168,315
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	174,322	100.0	-	-	-	-	-	-	-	-	-	-	174,322
McDowell	159,319	77.6	-	-	-	-	-	-	46,121	22.4	-	-	205,440
Mitchell	362,262	96.7	-	-	-	-	8,320	2.2	4,000	1.1	-	-	374,582
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
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	586,052	100.0	-	-	-	-	-	-	-	-	-	-	586,052
Randolph	385,347	97.1	-	-	-	-	11,475	2.9	-	-	-	-	396,822
Richmond	253,209	100.0	-	-	-	-	-	-	-	-	-	-	253,209
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	402,821	72.1	62,333	11.1	-	-	56,011	10.0	37,880	6.8	-	-	559,045
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	510,436	99.8	-	-	-	-	930	0.2	-	-	-	-	511,366
South Piedmont	398,070	98.4	-	-	-	-	-	-	440	0.1	6,048	1.5	404,558
Southeastern	247,000	100.0	-	-	-	-	-	-	-	-	-	-	247,000
Southwestern	290,748	98.6	-	-	-	-	-	-	4,054	1.4	-	-	294,802
Stanly	190,891	83.7	-	-	-	-	8,206	3.6	-	-	28,875	12.7	227,972
Surry	386,062	86.6	-	-	-	-	-	-	59,593	13.4	-	-	445,655
Tri-County	138,389	89.9	-	-	-	-	-	-	15,500	10.1	-	-	153,889
Vance-Granville	397,903	98.0	-	-	-	-	8,306	2.0	-	-	-	-	406,209
Wake	1,993,465	91.0	-	-	-	-	163,957	7.5	32,150	1.5	-	-	2,189,572
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	27,961,753	94.3	126,121	0.4	8,379	0.0	727,931	2.5	755,287	2.5	73,532	0.2	29,653,003
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,654,614	100.0	-	-	-	-	-	-	-	-	-	-	1,654,614
Mars Hill	791,814	98.4	-	-	-	-	13,000	1.6	-	-	-	-	804,814
Pfeiffer	441,806	80.4	108,010	19.6	-	-	-	-	-	-	-	-	549,816
Subtotal	3,383,400	96.5	108,010	3.1	-	-	13,000	0.4	-	-	-	-	3,504,410
Grand Total	105,608,389	86.4	11,187,065	9.2	2,158,520	1.8	1,952,402	1.6	960,645	0.8	319,735	0.3	122,186,756

*Other is Category 6

**Other is Category 7

***Other is Category 8

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

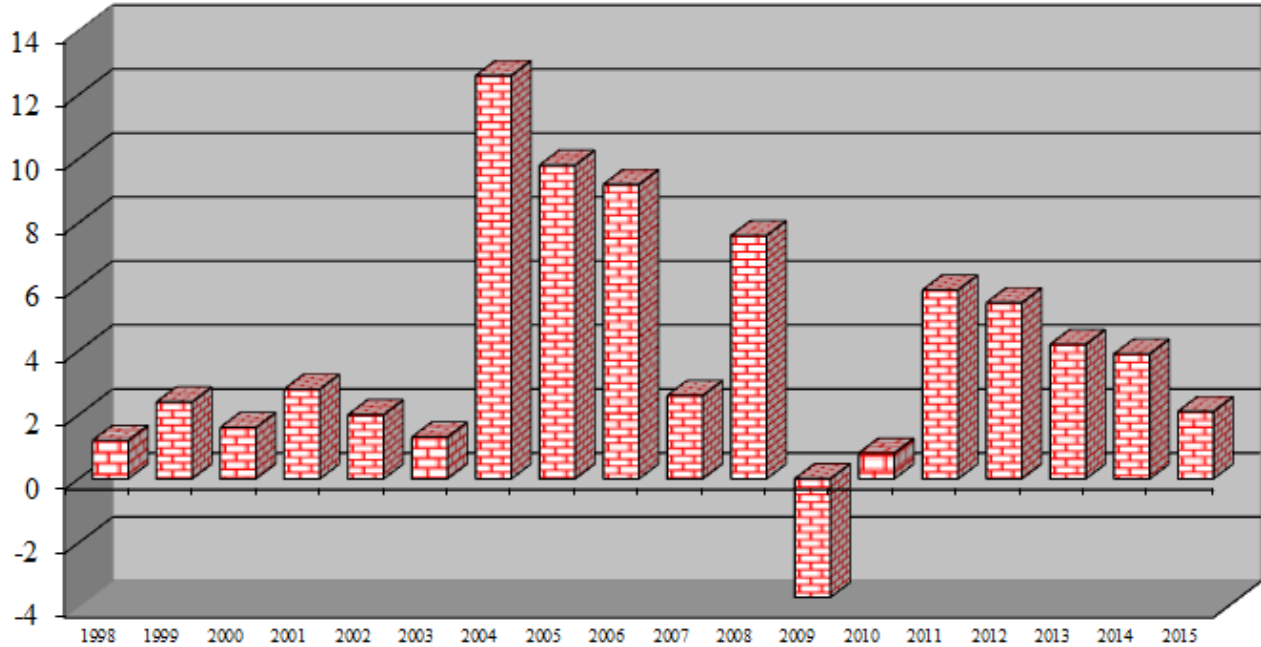
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

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 2014 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>
1998	1.2%	2004	12.6%	2010	0.8%
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%

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	1,000	\$948,141,149	\$3,849,660,398	13,423,337	118	\$218,999,838	\$639,365,441	3,062,537
NC State Veterinary Med	40	\$105,262,698	\$303,437,220	856,211	-	-	-	-
UNC-Chapel Hill	290	\$1,270,960,805	\$3,029,114,631	9,878,995	91	\$187,705,121	\$576,854,887	3,340,149
UNC-Chapel Hill Hlth Aff.	111	\$819,050,219	\$1,892,573,580	6,681,965	1	\$8,820	\$47,519	348
Subtotal	1,441	\$3,143,414,871	\$9,074,785,830	30,840,508	210	\$406,713,779	\$1,216,267,846	6,403,034
Doctoral Universities I and II								
East Carolina	142	\$291,920,811	\$1,138,373,578	3,809,768	17	\$103,325,000	\$277,805,972	1,296,275
East Carolina Hlth Aff.	47	\$261,956,185	\$496,466,030	1,632,678	-	-	-	-
NC A&T	105	\$199,873,249	\$786,616,770	2,631,186	14	\$29,173,424	\$135,841,904	587,627
UNC Charlotte	81	\$764,089,424	\$1,457,551,209	7,190,378	34	\$249,255,478	\$388,009,722	2,038,372
UNC Greensboro	94	\$281,482,935	\$1,634,375,821	4,223,507	29	\$131,831,828	\$702,380,129	1,984,753
Subtotal	469	\$1,799,322,604	\$5,513,383,408	19,487,517	94	\$513,585,730	\$1,504,037,727	5,907,027
Master's (Comprehensive) Universities and Colleges I								
Appalachian	70	\$389,616,135	\$900,975,806	3,529,773	21	\$67,985,565	\$212,299,150	1,224,366
Fayetteville	43	\$111,027,269	\$247,700,023	1,908,026	9	\$27,407,381	\$59,829,038	352,044
NC Central	51	\$174,078,332	\$589,936,025	1,555,538	15	\$61,358,438	\$201,326,266	725,960
UNC Pembroke	39	\$119,374,089	\$296,564,425	1,069,356	12	\$39,709,198	\$91,744,573	488,355
UNC Wilmington	100	\$305,472,644	\$581,000,730	2,531,138	53	\$140,949,893	\$241,531,465	1,287,441
Western Carolina	69	\$167,734,849	\$442,614,532	2,085,462	37	\$93,860,515	\$209,668,133	1,089,760
Winston-Salem	39	\$109,328,279	\$269,973,338	1,235,340	15	\$68,580,235	\$127,563,578	708,292
Subtotal	411	\$1,376,631,597	\$3,328,764,879	13,914,633	162	\$499,851,225	\$1,143,962,203	5,876,218
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	36	\$86,007,915	\$233,155,825	822,451	24	\$37,223,582	\$84,577,037	541,886
UNC Asheville	26	\$134,338,464	\$369,730,544	1,128,174	12	\$59,407,136	\$128,303,311	417,979
Subtotal	62	\$220,346,379	\$602,886,369	1,950,625	36	\$96,630,718	\$212,880,348	959,865
Schools of Art, Music, and Design								
UNC School of the Arts	46	\$97,021,127	\$226,478,615	970,585	19	\$10,995,657	\$32,459,323	220,082
Subtotal	46	\$97,021,127	\$226,478,615	970,585	19	\$10,995,657	\$32,459,323	220,082
Teaching Hospitals								
UNC Hospitals	30	\$456,844,106	\$934,701,514	2,499,249	-	-	-	-
Subtotal	30	\$456,844,106	\$934,701,514	2,499,249	-	-	-	-
Community Colleges								
Alamance	15	\$28,900,315	\$166,314,897	393,712	-	-	-	-
Asheville-Buncombe	24	\$119,206,462	\$224,028,927	894,841	-	-	-	-
Beaufort Co.	17	\$22,638,835	\$47,267,389	270,733	-	-	-	-
Bladen	24	\$8,691,862	\$24,698,828	151,112	-	-	-	-
Blue Ridge	15	\$35,342,638	\$73,079,441	401,360	-	-	-	-
Brunswick	18	\$43,464,486	\$75,135,735	386,616	-	-	-	-
Caldwell	25	\$47,472,818	\$104,749,997	527,499	-	-	-	-
Cape Fear	34	\$224,679,800	\$328,465,452	1,742,724	1	\$423,000	\$8,312,408	5,393
Carteret	17	\$17,478,813	\$47,610,060	236,630	-	-	-	-
Catawba Valley	19	\$34,699,639	\$93,431,002	580,409	-	-	-	-
Central Carolina	34	\$39,657,295	\$102,085,073	558,772	-	-	-	-
Central Piedmont	54	\$323,281,226	\$623,363,915	3,275,771	-	-	-	-
Cleveland	14	\$22,983,131	\$73,050,116	305,295	-	-	-	-
Coastal Carolina	16	\$26,797,443	\$67,764,990	337,906	-	-	-	-
Coll. of Albemarle	24	\$28,161,752	\$159,517,880	399,648	-	-	-	-
Craven	15	\$31,819,139	\$78,551,744	316,445	-	-	-	-
Davidson County	30	\$27,839,875	\$93,128,591	456,415	-	-	-	-
Durham	18	\$34,355,718	\$97,883,327	510,737	-	-	-	-
Edgecombe	12	\$19,385,035	\$46,646,956	246,568	-	-	-	-
Fayetteville	40	\$72,202,854	\$161,165,628	958,407	-	-	-	-
Forsyth	37	\$83,365,943	\$176,928,571	1,088,381	-	-	-	-
Gaston	28	\$88,906,476	\$178,316,954	714,567	-	-	-	-
Guilford	57	\$160,405,306	\$402,324,331	1,897,816	-	-	-	-
Halifax	16	\$17,710,747	\$41,388,608	275,321	-	-	-	-
Haywood	24	\$29,877,809	\$59,114,749	338,124	-	-	-	-
Isothermal	24	\$22,032,786	\$65,878,685	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	11	\$8,500,536	\$27,199,027	168,315	-	-	-	-
Johnston	23	\$37,414,972	\$89,321,063	459,738	1	\$40,000	\$83,078	1,780
Lenoir	29	\$25,869,008	\$78,830,757	436,600	-	-	-	-
Martin	11	\$4,861,226	\$23,495,707	228,135	-	-	-	-
Mayland	16	\$14,150,346	\$33,133,553	174,322	-	-	-	-
McDowell	11	\$10,404,072	\$38,066,510	205,440	-	-	-	-
Mitchell	27	\$19,772,528	\$61,516,066	374,582	-	-	-	-
Montgomery	7	\$8,850,023	\$21,656,193	129,642	-	-	-	-
Nash	12	\$34,321,812	\$58,922,049	342,890	-	-	-	-
Pamlico	9	\$8,017,519	\$18,008,284	86,035	-	-	-	-
Piedmont	20	\$12,715,560	\$32,334,695	184,463	-	-	-	-
Pitt	27	\$60,977,600	\$110,469,896	586,052	-	-	-	-
Randolph	31	\$26,649,405	\$60,114,746	396,822	-	-	-	-
Richmond	11	\$23,990,083	\$53,898,389	253,209	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$29,553,660	167,421	-	-	-	-
Robeson	20	\$21,781,650	\$52,475,695	279,660	-	-	-	-
Rockingham	17	\$15,264,868	\$54,221,767	332,733	-	-	-	-
Rowan-Cabarrus	26	\$56,894,030	\$118,691,179	559,045	-	-	-	-
Sampson	14	\$16,606,673	\$36,904,774	199,414	-	-	-	-
Sandhills	28	\$49,054,181	\$100,611,122	506,021	1	\$52,000	\$1,107,668	5,345
South Piedmont	19	\$14,370,493	\$68,240,063	404,558	-	-	-	-
Southeastern	23	\$14,862,069	\$54,594,249	247,000	-	-	-	-
Southwestern	16	\$26,004,951	\$54,337,428	294,802	-	-	-	-
Stanly	15	\$12,860,020	\$44,642,478	227,972	-	-	-	-
Surry	23	\$27,967,296	\$75,164,843	445,655	-	-	-	-
Tri-County	20	\$7,274,907	\$26,164,443	153,889	-	-	-	-
Vance-Granville	22	\$31,600,629	\$79,590,682	406,209	-	-	-	-
Wake	42	\$194,932,119	\$305,394,176	2,189,572	-	-	-	-
Wayne	20	\$36,345,550	\$86,198,741	481,677	-	-	-	-
Western Piedmont	33	\$16,937,679	\$63,395,443	398,774	-	-	-	-
Wilkes	27	\$33,670,419	\$78,268,367	488,183	-	-	-	-
Wilson	15	\$10,922,905	\$37,239,230	209,319	-	-	-	-
Subtotal	1,285	\$2,504,908,105	\$5,684,547,121	29,640,485	3	\$515,000	\$9,503,154	12,518
Private Institutions								
NC Private Universities								
Barton	24	\$46,796,593	\$94,895,642	333,933	7	\$6,425,757	\$27,664,163	161,233
Campbell	56	\$128,544,548	\$234,500,298	1,046,950	77	\$38,044,510	\$105,776,069	607,664
Mars Hill	26	\$23,471,975	\$98,900,302	553,983	16	\$8,299,780	\$41,372,172	250,831
Pfeiffer	25	\$13,802,559	\$66,755,964	373,243	21	\$3,063,738	\$25,008,993	176,573
Subtotal	131	\$212,615,675	\$495,052,206	2,308,109	121	\$55,833,785	\$199,821,397	1,196,301
Grand Total	3,875	\$9,811,104,464	\$25,860,599,942	101,611,710	645	\$1,584,125,894	\$4,318,931,998	20,575,046

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

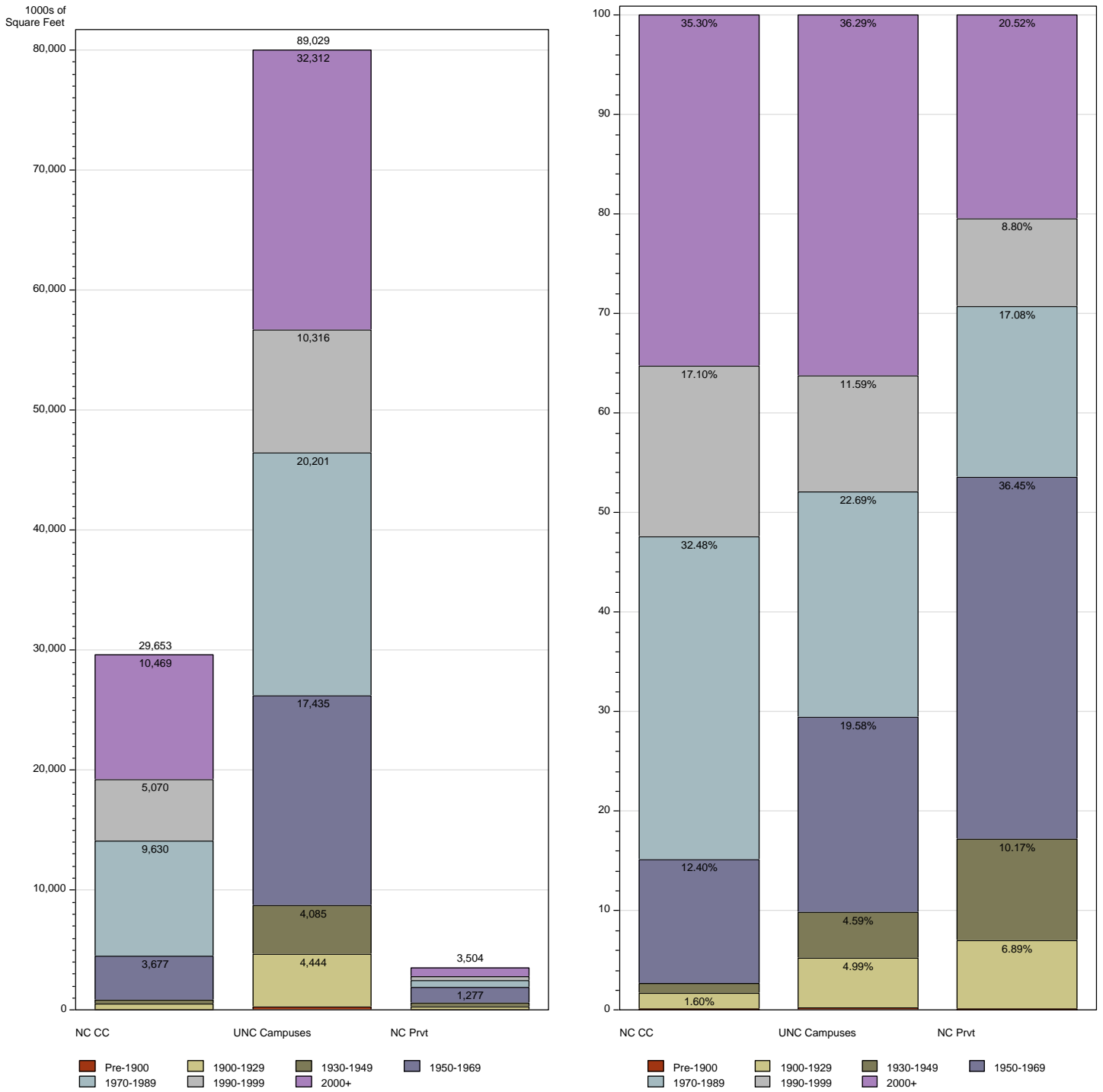


Table 21. Age of Buildings

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	16,485,874	62,317	1,001,908	1,319,241	3,778,095	3,357,683	2,084,868	4,881,762
NC State Veterinary Med	856,211	-	-	30,615	19,706	375,514	11,659	418,717
UNC-Chapel Hill	13,219,144	135,326	1,346,694	903,927	2,639,446	2,236,683	1,255,394	4,701,674
UNC-Chapel Hill Hlth Aff.	6,682,313	-	-	130,462	868,975	1,694,736	1,216,330	2,771,810
Subtotal	37,243,542	197,643	2,348,602	2,384,245	7,306,222	7,664,616	4,568,251	12,773,963
Doctoral Universities I and II								
East Carolina	5,106,043	-	640,417	206,354	2,052,472	932,438	279,004	995,358
East Carolina Hlth Aff.	1,632,678	-	-	-	28,278	588,651	163,625	852,124
NC A&T	3,218,813	-	83,209	215,322	902,092	724,072	218,657	1,075,461
UNC Charlotte	9,228,750	-	-	-	495,060	2,007,725	1,478,198	5,247,767
UNC Greensboro	6,208,260	35,417	861,354	261,762	1,109,260	1,122,641	959,609	1,858,217
Subtotal	25,394,544	35,417	1,584,980	683,438	4,587,162	5,375,527	3,099,093	10,028,927
Master's (Comprehensive) Universities and Colleges I								
Appalachian	4,754,139	-	7,010	239,074	1,353,358	964,174	499,186	1,691,337
Fayetteville	2,260,070	-	23,364	129,538	307,764	1,238,551	235,374	325,479
NC Central	2,281,498	-	39,725	210,554	666,161	507,939	174,070	683,049
UNC Pembroke	1,557,711	-	-	-	399,815	442,697	59,142	656,057
UNC Wilmington	3,818,579	-	33,652	-	247,536	1,283,894	254,483	1,999,014
Western Carolina	3,175,222	2,563	56,107	196,152	885,958	1,030,404	2,046	1,001,992
Winston-Salem	1,943,632	-	71,407	56,786	301,910	402,231	366,863	744,435
Subtotal	19,790,851	2,563	231,265	832,104	4,162,502	5,869,890	1,591,164	7,101,363
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	1,546,153	-	-	-	330,789	224,951	436,492	553,921
Subtotal	2,910,490	-	92,594	57,955	586,218	563,271	544,869	1,065,583
Schools of Art, Music, and Design								
UNC School of the Arts	1,190,667	-	186,898	75,854	223,072	198,448	98,095	408,300
Subtotal	1,190,667	-	186,898	75,854	223,072	198,448	98,095	408,300
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	393,712	-	-	-	-	192,616	51,209	149,887
Asheville-Buncombe	894,841	10,161	3,785	-	208,158	270,790	148,395	253,552
Beaufort Co.	270,733	-	-	-	-	128,628	49,928	92,177
Bladen	151,112	-	-	2,520	-	100,367	23,114	25,111
Blue Ridge	401,360	-	-	-	-	146,613	132,770	121,977
Brunswick	386,616	-	-	3,732	20,314	139,256	120,851	102,463
Caldwell	527,499	-	-	-	98,674	168,683	125,316	134,826
Cape Fear	1,748,117	-	-	-	55,615	171,274	214,475	1,306,753
Carteret	236,630	-	2,747	-	11,297	73,956	42,339	106,291
Catawba Valley	580,409	-	-	-	92,330	247,099	63,788	177,192
Central Carolina	558,772	-	15,634	15,785	64,027	108,306	147,387	207,633
Central Piedmont	3,275,771	-	105,483	27,691	218,136	840,829	599,432	1,484,200
Cleveland	305,295	-	-	-	-	190,666	45,260	69,369
Coastal Carolina	337,906	-	-	-	-	216,362	66,664	54,880
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	456,415	-	-	3,286	122,284	132,048	129,771	69,026
Durham	510,737	-	-	-	163,189	140,578	89,912	117,058
Edgecombe	246,568	-	20,863	-	-	119,135	28,420	78,150
Fayetteville	958,407	-	-	3,905	210,952	217,664	245,829	280,057
Forsyth	1,088,381	-	-	-	194,459	342,349	217,139	334,434
Gaston	714,567	-	63,927	64,000	153,100	140,357	79,354	213,829
Guilford	1,897,816	1,931	-	11,050	370,825	373,012	326,443	814,555
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	338,124	-	-	-	11,300	166,692	80,037	80,095
Isothermal	356,527	-	3,119	-	58,484	164,503	61,000	69,421
James Sprunt	168,315	-	-	-	23,045	97,270	28,000	20,000
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	174,322	-	-	-	-	79,739	48,355	46,228
McDowell	205,440	-	-	-	30,104	124,252	18,950	32,134
Mitchell	374,582	28,793	91,303	36,915	32,819	80,908	-	103,844
Montgomery	129,642	-	-	-	600	73,986	48,678	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	586,052	-	-	-	75,365	91,705	114,221	304,761
Randolph	396,822	-	-	-	43,991	188,850	52,683	111,298
Richmond	253,209	-	-	9,000	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	559,045	-	-	30,751	136,987	90,040	144,848	156,419
Sampson	199,414	-	-	-	4,109	115,265	36,689	43,351
Sandhills	511,366	-	-	-	120,821	142,572	64,040	183,933
South Piedmont	404,558	-	117,000	-	-	125,586	81,512	80,460
Southeastern	247,000	-	-	-	82,095	80,495	38,361	46,049
Southwestern	294,802	-	-	-	-	198,500	30,640	65,662
Stanly	227,972	-	28,875	-	21,381	94,681	46,016	37,019
Surry	445,655	-	-	-	88,195	169,885	67,162	120,413
Tri-County	153,889	-	-	25,130	11,758	96,669	15,600	4,732
Vance-Granville	406,209	-	16,000	-	3,069	215,726	59,403	112,011
Wake	2,189,572	-	-	-	92,808	418,370	233,204	1,445,190
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	29,653,003	40,885	474,676	291,215	3,677,411	9,630,057	5,069,899	10,468,860
Private Institutions								
NC Private Universities								
Barton	495,166	-	6,000	21,508	325,969	41,564	28,669	71,456
Campbell	1,654,614	-	118,919	44,966	435,406	354,796	204,426	496,101
Mars Hill	804,814	3,000	115,161	119,975	243,184	156,172	73,962	93,360
Pfeiffer	549,816	-	1,288	170,004	272,815	46,152	1,426	58,131
Subtotal	3,504,410	3,000	241,368	356,453	1,277,374	598,684	308,483	719,048
Grand Total	122,186,756	279,508	5,160,383	4,732,520	22,389,956	30,430,072	15,694,220	43,500,097

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. Figures are generated for both appropriated (general fund) and non-appropriated facilities. **For 2015, Table 22a remains unchanged from 2014 due to a new targeted approach underway for repair and renovation projects. FCAP teams from the SCO are completing 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 will be targeted as priority projects for funding from the repair and renovation allocation. In the future Table 22a will reflect 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	8,900,409	54.0	3,942,365	23.9	2,144,761	13.0	1,480,186	9.0	18,153	0.1	-	-	16,485,874
NC State Veterinary Med	794,144	92.8	39,965	4.7	18,684	2.2	3,418	0.4	-	-	-	-	856,211
UNC-Chapel Hill	10,142,855	76.7	2,169,505	16.4	687,767	5.2	120,949	0.9	98,068	0.7	-	-	13,219,144
UNC-Chapel Hill Hlth Aff.	5,894,488	88.2	540,848	8.1	236,810	3.5	-	-	8,928	0.1	1,239	0.0	6,682,313
Subtotal	25,731,896	69.1	6,692,683	18.0	3,088,022	8.3	1,604,553	4.3	125,149	0.3	1,239	0.0	37,243,542
Doctoral Universities I and II													
East Carolina	1,703,501	33.4	962,847	18.9	488,627	9.6	1,950,921	38.2	-	-	147	0.0	5,106,043
East Carolina Hlth Aff.	1,082,713	66.3	53,724	3.3	487,435	29.9	8,806	0.5	-	-	-	-	1,632,678
NC A&T	1,716,755	53.3	130,194	4.0	431,351	13.4	940,513	29.2	-	-	-	-	3,218,813
UNC Charlotte	7,894,940	85.5	641,339	6.9	688,237	7.5	4,234	0.0	-	-	-	-	9,228,750
UNC Greensboro	4,605,878	74.2	929,378	15.0	363,844	5.9	304,554	4.9	4,606	0.1	-	-	6,208,260
Subtotal	17,003,787	67.0	2,717,482	10.7	2,459,494	9.7	3,209,028	12.6	4,606	0.0	147	0.0	25,394,544
Master's (Comprehensive) Universities and Colleges I													
Appalachian	4,325,668	91.0	254,831	5.4	133,000	2.8	40,640	0.9	-	-	-	-	4,754,139
Fayetteville	2,135,625	94.5	88,958	3.9	35,487	1.6	-	-	-	-	-	-	2,260,070
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	1,557,711	100.0	-	-	-	-	-	-	-	-	-	-	1,557,711
UNC Wilmington	3,783,432	99.1	5,066	0.1	-	-	30,081	0.8	-	-	-	-	3,818,579
Western Carolina	1,981,700	62.4	1,021,286	32.2	137,422	4.3	34,814	1.1	-	-	-	-	3,175,222
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	16,902,557	85.4	2,045,495	10.3	539,898	2.7	262,399	1.3	40,502	0.2	-	-	19,790,851
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	419,805	27.2	611,990	39.6	148,244	9.6	366,114	23.7	-	-	-	-	1,546,153
Subtotal	1,345,184	46.2	947,431	32.6	233,661	8.0	384,214	13.2	-	-	-	-	2,910,490
Schools of Art, Music, and Design													
UNC School of the Arts	912,054	76.6	212,096	17.8	10,605	0.9	55,912	4.7	-	-	-	-	1,190,667
Subtotal	912,054	76.6	212,096	17.8	10,605	0.9	55,912	4.7	-	-	-	-	1,190,667
Teaching Hospitals													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Subtotal	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Community Colleges													
Alamance	393,712	100.0	-	-	-	-	-	-	-	-	-	-	393,712
Asheville-Buncombe	747,566	83.5	147,275	16.5	-	-	-	-	-	-	-	-	894,841
Beaufort Co.	270,733	100.0	-	-	-	-	-	-	-	-	-	-	270,733
Bladen	148,172	98.1	420	0.3	-	-	2,520	1.7	-	-	-	-	151,112
Blue Ridge	401,360	100.0	-	-	-	-	-	-	-	-	-	-	401,360
Brunswick	366,302	94.7	-	-	20,314	5.3	-	-	-	-	-	-	386,616
Caldwell	527,499	100.0	-	-	-	-	-	-	-	-	-	-	527,499
Cape Fear	1,556,603	89.0	158,540	9.1	7,965	0.5	25,009	1.4	-	-	-	-	1,748,117
Carteret	222,586	94.1	-	-	5,197	2.2	8,847	3.7	-	-	-	-	236,630
Catawba Valley	580,409	100.0	-	-	-	-	-	-	-	-	-	-	580,409
Central Carolina	558,772	100.0	-	-	-	-	-	-	-	-	-	-	558,772
Central Piedmont	1,970,834	60.2	956,414	29.2	263,688	8.0	84,835	2.6	-	-	-	-	3,275,771
Cleveland	305,295	100.0	-	-	-	-	-	-	-	-	-	-	305,295
Coastal Carolina	337,906	100.0	-	-	-	-	-	-	-	-	-	-	337,906
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	456,415	100.0	-	-	-	-	-	-	-	-	-	-	456,415
Durham	510,737	100.0	-	-	-	-	-	-	-	-	-	-	510,737
Edgecombe	246,568	100.0	-	-	-	-	-	-	-	-	-	-	246,568
Fayetteville	958,208	100.0	-	-	-	-	-	-	-	-	199	0.0	958,407
Forsyth	1,023,784	94.1	-	-	-	-	-	-	64,597	5.9	-	-	1,088,381
Gaston	714,567	100.0	-	-	-	-	-	-	-	-	-	-	714,567
Guilford	1,207,051	63.6	172,622	9.1	157,544	8.3	358,668	18.9	-	-	1,931	0.1	1,897,816
Halifax	275,321	100.0	-	-	-	-	-	-	-	-	-	-	275,321
Haywood	296,464	87.7	39,500	11.7	-	-	-	-	-	-	2,160	0.6	338,124

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	168,315	100.0	-	-	-	-	-	-	-	-	-	-	168,315
Johnston	461,518	100.0	-	-	-	-	-	-	-	-	-	-	461,518
Lenoir	436,600	100.0	-	-	-	-	-	-	-	-	-	-	436,600
Martin	228,135	100.0	-	-	-	-	-	-	-	-	-	-	228,135
Mayland	174,028	99.8	-	-	-	-	-	-	294	0.2	-	-	174,322
McDowell	205,440	100.0	-	-	-	-	-	-	-	-	-	-	205,440
Mitchell	196,819	52.5	37,035	9.9	55,755	14.9	84,973	22.7	-	-	-	-	374,582
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
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	516,501	88.1	-	-	-	-	69,551	11.9	-	-	-	-	586,052
Randolph	287,768	72.5	31,080	7.8	77,974	19.6	-	-	-	-	-	-	396,822
Richmond	253,209	100.0	-	-	-	-	-	-	-	-	-	-	253,209
Roanoke-Chowan	167,421	100.0	-	-	-	-	-	-	-	-	-	-	167,421
Robeson	279,660	100.0	-	-	-	-	-	-	-	-	-	-	279,660
Rockingham	332,733	100.0	-	-	-	-	-	-	-	-	-	-	332,733
Rowan-Cabarrus	516,011	92.3	-	-	43,034	7.7	-	-	-	-	-	-	559,045
Sampson	192,169	96.4	-	-	-	-	7,245	3.6	-	-	-	-	199,414
Sandhills	413,105	80.8	57,779	11.3	-	-	40,482	7.9	-	-	-	-	511,366
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	294,802	100.0	-	-	-	-	-	-	-	-	-	-	294,802
Stanly	227,972	100.0	-	-	-	-	-	-	-	-	-	-	227,972
Surry	445,655	100.0	-	-	-	-	-	-	-	-	-	-	445,655
Tri-County	153,025	99.4	-	-	-	-	-	-	-	-	864	0.6	153,889
Vance-Granville	390,209	96.1	-	-	16,000	3.9	-	-	-	-	-	-	406,209
Wake	2,085,306	95.2	-	-	-	-	104,266	4.8	-	-	-	-	2,189,572
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	26,299,165	88.7	1,695,240	5.7	779,864	2.6	805,174	2.7	64,891	0.2	8,669	0.0	29,653,003
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,565,135	94.6	45,196	2.7	44,283	2.7	-	-	-	-	-	-	1,654,614
Mars Hill	356,547	44.3	260,554	32.4	110,483	13.7	77,230	9.6	-	-	-	-	804,814
Pfeiffer	524,718	95.4	9,444	1.7	13,670	2.5	-	-	1,984	0.4	-	-	549,816
Subtotal	2,941,566	83.9	315,194	9.0	168,436	4.8	77,230	2.2	1,984	0.1	-	-	3,504,410
Grand Total	93,635,458	76.6	14,625,621	12.0	7,279,980	6.0	6,398,510	5.2	237,132	0.2	10,055	0.0	122,186,756

Table 22a. FCAP 2015: Facilities Maintenance and Repair

(UNC Institutions only – Infrastructure and Buildings over 3000 GSF)

Institution	Appropriated Facilities	Non- Appropriated Facilities	Total Deficiency
N.C. State	415,714,029	119,180,415	534,894,444
UNC-Chapel Hill	456,038,133	245,394,091	701,432,224
East Carolina	343,210,540	116,243,494	459,454,034
UNC-Greensboro	181,818,256	184,262,083	366,080,339
Appalachian State	99,361,344	66,504,492	165,865,836
Fayetteville State	15,599,310	18,337,392	33,936,702
N.C. A&T State	74,891,205	21,909,279	96,800,484
N.C. Central	58,988,594	19,185,682	78,174,276
UNC-Charlotte	80,831,177	61,355,183	142,186,360
UNC-Pembroke	27,192,485	21,023,986	48,216,471
UNC-Wilmington	131,007,973	63,539,277	194,547,250
Western Carolina	117,778,432	91,269,993	209,048,425
Elizabeth City	46,822,098	71,897,066	118,719,164
UNC-Asheville	55,544,653	8,792,077	64,336,730
Winston-Salem State	76,129,944	40,026,696	116,156,640
N.C. School of the Arts	18,879,008	7,696,681	26,575,689
UNCCH-Health Affairs	294,748,481	234,084	294,982,565
ECU-Health Affairs	32,721,037	2,068,643	34,789,680
NCSU Vet School	15,620,368	26,572	15,646,940
UNC TOTAL	2,542,897,067	1,158,947,186	3,701,844,253

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	1,109	\$1,167,140,987	\$4,489,025,839	491	7,585,465	\$827,989,371
NC State Veterinary Med	40	\$105,262,698	\$303,437,220	14	62,067	\$3,787,280
UNC-Chapel Hill	380	\$1,458,665,926	\$3,605,969,518	68	3,076,289	\$228,978,697
UNC-Chapel Hill Hlth Aff.	111	\$819,059,039	\$1,892,621,099	23	787,825	\$70,163,033
Subtotal	1,640	\$3,550,128,650	\$10,291,053,676	596	11,511,646	\$1,130,918,381
Doctoral Universities I and II						
East Carolina	158	\$395,245,811	\$1,416,179,550	102	3,402,542	\$422,753,662
East Carolina Hlth Aff.	47	\$261,956,185	\$496,466,030	18	549,965	\$47,947,749
NC A&T	119	\$229,046,673	\$922,458,674	43	1,502,058	\$268,817,877
UNC Charlotte	115	\$1,013,344,902	\$1,845,560,931	29	1,333,810	\$90,607,473
UNC Greensboro	122	\$413,314,763	\$2,336,755,950	34	1,602,382	\$247,062,381
Subtotal	561	\$2,312,908,334	\$7,017,421,135	226	8,390,757	\$1,077,189,142
Master's (Comprehensive) Universities and Colleges I						
Appalachian	91	\$457,601,700	\$1,113,274,956	12	428,471	\$28,355,155
Fayetteville	52	\$138,434,650	\$307,529,061	10	124,445	\$4,646,401
NC Central	66	\$235,436,770	\$791,262,291	18	339,622	\$41,807,097
UNC Pembroke	51	\$159,083,287	\$388,308,998	-	-	-
UNC Wilmington	153	\$446,422,537	\$822,532,195	2	35,147	\$3,890,815
Western Carolina	106	\$261,595,364	\$652,282,665	44	1,193,522	\$46,948,040
Winston-Salem	54	\$177,908,514	\$397,536,916	26	767,087	\$43,052,239
Subtotal	573	\$1,876,482,822	\$4,472,727,082	112	2,888,294	\$168,699,747
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	60	\$123,231,497	\$317,732,862	25	438,958	\$24,194,705
UNC Asheville	38	\$193,745,600	\$498,033,855	26	1,126,348	\$147,939,008
Subtotal	98	\$316,977,097	\$815,766,717	51	1,565,306	\$172,133,713
Schools of Art, Music, and Design						
UNC School of the Arts	65	\$108,016,784	\$258,937,938	20	278,613	\$12,419,202
Subtotal	65	\$108,016,784	\$258,937,938	20	278,613	\$12,419,202
Teaching Hospitals						
UNC Hospitals	30	\$456,844,106	\$934,701,514	-	-	-
Subtotal	30	\$456,844,106	\$934,701,514	-	-	-
Community Colleges						
Alamance	15	\$28,900,315	\$166,314,897	-	-	-
Asheville-Buncombe	24	\$119,206,462	\$224,028,927	1	147,275	\$15,024,919
Beaufort Co.	17	\$22,638,835	\$47,267,389	-	-	-
Bladen	24	\$8,691,862	\$24,698,828	2	2,940	\$274,181
Blue Ridge	15	\$35,342,638	\$73,079,441	-	-	-
Brunswick	18	\$43,464,486	\$75,135,735	1	20,314	\$1,100,193
Caldwell	25	\$47,472,818	\$104,749,997	-	-	-
Cape Fear	34	\$225,102,800	\$336,777,860	4	191,514	\$8,776,303
Carteret	17	\$17,478,813	\$47,610,060	4	14,044	\$1,320,483
Catawba Valley	19	\$34,699,639	\$93,431,002	-	-	-
Central Carolina	34	\$39,657,295	\$102,085,073	-	-	-
Central Piedmont	54	\$323,281,226	\$623,363,915	23	1,304,937	\$61,015,309
Cleveland	14	\$22,983,131	\$73,050,116	-	-	-
Coastal Carolina	16	\$26,797,443	\$67,764,990	-	-	-
Coll. of Albemarle	24	\$28,161,752	\$159,517,880	5	40,418	\$3,758,400
Craven	15	\$31,819,139	\$78,551,744	-	-	-
Davidson County	30	\$27,839,875	\$93,128,591	-	-	-
Durham	18	\$34,355,718	\$97,883,327	-	-	-
Edgecombe	12	\$19,385,035	\$46,646,956	-	-	-
Fayetteville	40	\$72,202,854	\$161,165,628	1	199	\$11,655
Forsyth	37	\$83,365,943	\$176,928,571	5	64,597	\$12,710,890
Gaston	28	\$88,906,476	\$178,316,954	-	-	-

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	57	\$160,405,306	\$402,324,331	19	690,765	\$62,883,823
Halifax	16	\$17,710,747	\$41,388,608	-	-	-
Haywood	24	\$29,877,809	\$59,114,749	2	41,660	\$1,403,539
Isothermal	24	\$22,032,786	\$65,878,685	-	-	-
James Sprunt	11	\$8,500,536	\$27,199,027	-	-	-
Johnston	24	\$37,454,972	\$89,404,141	-	-	-
Lenoir	29	\$25,869,008	\$78,830,757	-	-	-
Martin	11	\$4,861,226	\$23,495,707	-	-	-
Mayland	16	\$14,150,346	\$33,133,553	1	294	\$45,383
McDowell	11	\$10,404,072	\$38,066,510	-	-	-
Mitchell	27	\$19,772,528	\$61,516,066	10	177,763	\$13,768,985
Montgomery	7	\$8,850,023	\$21,656,193	-	-	-
Nash	12	\$34,321,812	\$58,922,049	-	-	-
Pamlico	9	\$8,017,519	\$18,008,284	1	1,479	\$101,161
Piedmont	20	\$12,715,560	\$32,334,695	-	-	-
Pitt	27	\$60,977,600	\$110,469,896	2	69,551	\$8,511,098
Randolph	31	\$26,649,405	\$60,114,746	4	109,054	\$5,344,467
Richmond	11	\$23,990,083	\$53,898,389	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$29,553,660	-	-	-
Robeson	20	\$21,781,650	\$52,475,695	-	-	-
Rockingham	17	\$15,264,868	\$54,221,767	-	-	-
Rowan-Cabarrus	26	\$56,894,030	\$118,691,179	1	43,034	\$2,678,891
Sampson	14	\$16,606,673	\$36,904,774	1	7,245	\$1,355,582
Sandhills	29	\$49,106,181	\$101,718,790	4	98,261	\$5,788,303
South Piedmont	19	\$14,370,493	\$68,240,063	-	-	-
Southeastern	23	\$14,862,069	\$54,594,249	12	151,667	\$11,095,826
Southwestern	16	\$26,004,951	\$54,337,428	-	-	-
Stanly	15	\$12,860,020	\$44,642,478	-	-	-
Surry	23	\$27,967,296	\$75,164,843	-	-	-
Tri-County	20	\$7,274,907	\$26,164,443	1	864	\$85,352
Vance-Granville	22	\$31,600,629	\$79,590,682	1	16,000	\$178,656
Wake	42	\$194,932,119	\$305,394,176	2	104,266	\$2,013,658
Wayne	20	\$36,345,550	\$86,198,741	-	-	-
Western Piedmont	33	\$16,937,679	\$63,395,443	12	52,182	\$442,134
Wilkes	27	\$33,670,419	\$78,268,367	1	3,515	\$125,269
Wilson	15	\$10,922,905	\$37,239,230	-	-	-
Subtotal	1,287	\$2,505,423,105	\$5,694,050,275	120	3,353,838	\$219,814,460
Private Institutions						
NC Private Universities						
Barton	31	\$53,222,350	\$122,559,805	-	-	-
Campbell	131	\$166,589,058	\$340,276,367	11	89,479	\$4,680,398
Mars Hill	41	\$31,771,755	\$140,272,474	23	448,267	\$24,142,639
Pfeiffer	46	\$16,866,297	\$91,764,957	5	25,098	\$1,321,523
Subtotal	249	\$268,449,460	\$694,873,603	39	562,844	\$30,144,560
Grand Total	4,503	\$11,395,230,358	\$30,179,531,940	1,164	28,551,298	\$2,811,319,205

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Continuing Education Building, Nash Community College

Nash Community College dedicated its new \$12.6 million Continuing Education and Public Services Building on June 16th during a ceremony and ribbon cutting in the building’s multipurpose room. The largest construction project in Nash Community College’s history, the 79,295 square foot facility adds 31 classrooms and nine labs for industry training, adult literacy, and entrepreneurial courses to the campus. One unique feature of the building is the eight-lane, 3,000 square foot, indoor gun range which will be used for law enforcement training. Nash Community College has been training law enforcement officers through its Basic Law Enforcement Training (BLET) program for 16 years graduating over 400 cadets since 1999. Because of the regional reputation of the program, and due to its quality and growth along with the College’s superior in-service law enforcement training, Nash Community College is expanding BLET training options with the opening of the Center for Advanced Law Enforcement Training in the new building. Students enrolled in Emergency Medical Services, Fire and Law Enforcement programs will use the multipurpose room for rope rescue, extrication, agricultural machinery rescue, practical skills evaluation and other training exercises. The room will also be the location for public safety graduation ceremonies and events, and will provide flexibility for training during adverse weather.

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 NCEES 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				
			2015	2014	2013	2012	2011
Public Institutions							
Research Universities I							
NC State	9,173,506	7,451,052	81.2	82.0	81.8	80.0	73.4
NC State Veterinary Med	424,590	375,531	88.4	89.2	89.3	89.3	81.0
UNC-Chapel Hill	7,270,818	7,245,846	99.7	99.7	99.9	91.3	91.0
UNC-Chapel Hill Hlth Aff.	2,693,137	2,684,002	99.7	99.4	99.9	98.3	98.4
Subtotal	19,562,051	17,756,431	90.8	91.3	91.3	87.2	83.8
Doctoral Universities I and II							
East Carolina	3,345,906	2,788,380	83.3	83.2	84.5	97.1	88.1
East Carolina Hlth Aff.	861,502	812,816	94.3	99.8	100.0	99.8	99.8
NC A&T	2,230,671	1,994,186	89.4	89.6	92.3	92.2	92.3
UNC Charlotte	3,853,416	3,705,992	96.2	93.0	94.0	93.0	92.7
UNC Greensboro	3,047,817	2,667,839	87.5	87.8	88.5	89.4	83.8
Subtotal	13,339,312	11,969,213	89.7	89.2	90.4	93.6	89.8
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,723,361	2,292,131	84.2	82.2	82.2	82.0	81.7
Fayetteville	903,039	760,948	84.3	84.3	90.9	90.5	89.8
NC Central	1,478,739	1,338,314	90.5	90.4	90.4	90.4	90.1
UNC Pembroke	1,027,216	932,863	90.8	89.4	89.5	89.5	89.0
UNC Wilmington	2,273,762	2,249,523	98.9	98.9	80.3	78.8	100.0
Western Carolina	2,029,026	1,507,944	74.3	74.3	74.3	74.3	73.7
Winston-Salem	1,257,340	1,094,622	87.1	86.5	84.0	84.0	83.6
Subtotal	11,692,483	10,176,345	87.0	86.3	83.0	82.5	86.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	916,999	750,138	81.8	83.3	83.4	83.4	83.2
UNC Asheville	891,657	864,335	96.9	97.0	96.5	96.5	96.3
Subtotal	1,808,656	1,614,473	89.3	90.3	90.0	90.1	89.7
Schools of Art, Music, and Design							
UNC School of the Arts	820,573	739,374	90.1	86.2	82.9	79.1	77.1
Subtotal	820,573	739,374	90.1	86.2	82.9	79.1	77.1
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	238,366	238,005	99.8	99.8	99.8	99.6	99.6
Asheville-Buncombe	514,143	498,063	96.9	96.9	96.9	96.5	96.2
Beaufort Co.	189,556	189,075	99.7	99.7	99.7	99.7	99.7
Bladen	110,661	109,036	98.5	98.5	98.1	98.2	98.2
Blue Ridge	291,364	291,364	100.0	100.0	100.0	100.0	100.0
Brunswick	246,752	238,947	96.8	96.9	96.9	96.8	96.8
Caldwell	366,373	363,690	99.3	99.2	99.2	99.2	99.2
Cape Fear	636,219	631,671	99.3	98.7	98.7	98.4	98.4
Carteret	167,737	158,422	94.4	94.4	94.4	94.4	94.3
Catawba Valley	380,297	379,562	99.8	99.8	99.8	99.8	99.8
Central Carolina	386,056	384,490	99.6	99.6	99.6	99.6	99.6
Central Piedmont	1,343,998	1,329,907	99.0	98.7	98.8	98.8	98.7
Cleveland	207,872	206,662	99.4	99.4	99.4	99.4	99.4
Coastal Carolina	226,181	225,217	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	268,077	267,977	100.0	100.0	100.0	100.0	100.0
Craven	212,167	201,954	95.2	95.2	95.1	95.1	95.0
Davidson County	311,791	304,119	97.5	97.4	97.4	97.4	97.3
Durham	344,861	305,045	88.5	88.4	88.4	88.4	88.3
Edgecombe	169,774	161,865	95.3	95.3	95.3	95.3	95.3
Fayetteville	648,208	615,674	95.0	94.9	94.8	94.5	94.2
Forsyth	751,667	744,853	99.1	98.9	98.9	98.8	98.6
Gaston	473,491	447,546	94.5	94.6	94.5	94.5	94.4
Guilford	1,183,673	1,112,631	94.0	93.8	94.2	94.2	93.6
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				
			2015	2014	2013	2012	2011
Haywood	240,434	235,082	97.8	97.8	97.4	97.1	93.0
Isothermal	242,274	219,638	90.7	90.7	92.7	92.5	91.9
James Sprunt	119,722	115,985	96.9	95.4	95.4	93.9	93.9
Johnston	328,676	322,405	98.1	98.1	98.1	98.2	98.2
Lenoir	325,708	321,627	98.7	98.7	98.3	97.4	96.4
Martin	169,822	145,992	86.0	86.0	86.0	86.0	86.0
Mayland	122,430	118,518	96.8	96.6	96.5	96.8	96.9
McDowell	153,019	150,923	98.6	98.6	98.2	98.2	98.2
Mitchell	253,421	228,936	90.3	90.7	90.8	90.8	90.8
Montgomery	92,317	92,293	100.0	100.0	100.0	100.0	100.0
Nash	226,211	224,490	99.2	99.0	99.0	99.0	99.0
Pamlico	54,774	54,294	99.1	99.0	99.0	99.0	99.0
Piedmont	145,573	143,908	98.9	98.9	98.8	98.8	98.8
Pitt	378,859	378,485	99.9	99.9	99.9	99.9	99.2
Randolph	296,388	295,905	99.8	99.8	99.8	99.8	99.8
Richmond	179,408	167,941	93.6	93.5	93.6	93.1	93.3
Roanoke-Chowan	116,052	112,384	96.8	96.9	96.9	96.9	96.9
Robeson	201,469	201,445	100.0	100.0	100.0	100.0	100.0
Rockingham	229,568	212,992	92.8	92.8	92.8	92.8	92.8
Rowan-Cabarrus	408,742	408,715	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	335,347	325,504	97.1	97.0	96.5	97.0	96.8
South Piedmont	327,972	287,290	87.6	87.6	87.4	85.1	85.0
Southeastern	183,578	181,925	99.1	99.1	99.1	98.9	98.1
Southwestern	203,425	196,946	96.8	96.8	96.8	96.9	96.5
Stanly	152,384	151,912	99.7	99.7	99.7	99.7	99.7
Surry	313,712	312,294	99.5	99.5	98.2	98.1	98.1
Tri-County	117,427	114,410	97.4	97.4	97.4	97.4	97.4
Vance-Granville	262,892	256,423	97.5	97.6	97.6	97.3	97.3
Wake	993,155	982,032	98.9	98.7	98.7	98.7	98.5
Wayne	325,374	323,164	99.3	99.2	99.1	99.1	99.0
Western Piedmont	288,301	245,596	85.2	85.2	85.1	83.2	83.2
Wilkes	341,557	336,681	98.6	98.4	98.4	98.4	98.3
Wilson	143,540	140,397	97.8	97.8	97.8	97.8	97.8
Subtotal	18,269,234	17,737,016	97.1	97.0	97.0	96.8	96.6
Private Institutions							
NC Private Universities							
Barton	350,454	328,517	93.7	93.7	93.7	93.8	93.8
Campbell	1,127,462	825,939	73.3	73.3	73.1	71.8	71.8
Mars Hill	543,596	318,610	58.6	58.6	58.6	58.2	58.2
Pfeiffer	367,759	195,417	53.1	52.7	52.7	52.7	52.7
Subtotal	2,389,271	1,668,483	69.8	69.7	69.7	68.9	68.9
Grand Total	69,239,882	62,855,517	90.8	90.6	90.2	89.4	88.3

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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	7,451,052	93.0	81.4	80.0	98.0	75.0	90.4	84.6	87.0	37.8
NC State Veterinary Med	375,531	68.1	92.2	98.8	99.7	100.0	100.0	71.0	100.0	-
UNC-Chapel Hill	7,245,846	99.8	99.9	99.7	100.0	99.9	99.9	100.0	99.8	87.6
UNC-Chapel Hill Hlth Aff.	2,684,002	99.6	99.9	99.8	99.8	99.9	100.0	99.9	100.0	97.6
Subtotal	17,756,431	96.1	89.2	90.5	99.2	88.8	95.0	93.7	93.2	62.5
Doctoral Universities I and II										
East Carolina	2,788,380	92.7	67.3	94.3	97.5	95.9	66.1	32.6	100.0	2.9
East Carolina Hlth Aff.	812,816	94.2	96.1	92.2	97.8	100.0	98.6	100.0	-	74.4
NC A&T	1,994,186	96.7	87.2	100.0	96.2	75.7	99.6	78.2	100.0	97.8
UNC Charlotte	3,705,992	96.3	96.2	100.0	95.6	96.3	95.3	83.7	-	97.3
UNC Greensboro	2,667,839	95.7	94.6	95.2	87.0	82.9	95.7	76.0	92.0	25.4
Subtotal	11,969,213	95.1	91.1	94.1	94.1	89.8	89.0	62.9	98.5	49.9
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,292,131	89.9	71.0	32.7	100.0	82.3	79.6	88.9	100.0	47.2
Fayetteville	760,948	98.4	100.0	100.0	100.0	65.1	96.8	100.0	88.0	87.1
NC Central	1,338,314	91.1	98.0	96.5	94.9	91.5	76.8	76.0	99.5	88.2
UNC Pembroke	932,863	97.2	100.0	100.0	100.0	88.4	98.9	99.8	-	37.4
UNC Wilmington	2,249,523	100.0	100.0	100.0	100.0	100.0	99.7	100.0	-	0.6
Western Carolina	1,507,944	94.2	91.3	100.0	95.5	60.4	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	10,176,345	93.6	96.8	55.4	97.9	83.3	80.9	95.1	98.7	69.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	750,138	87.2	100.0	100.0	99.1	78.0	76.7	100.0	-	46.7
UNC Asheville	864,335	100.0	100.0	100.0	99.5	95.7	87.1	96.3	100.0	-
Subtotal	1,614,473	92.7	100.0	100.0	99.3	86.6	81.5	96.9	100.0	46.7
Schools of Art, Music, and Design										
UNC School of the Arts	739,374	93.7	-	100.0	93.8	84.2	88.1	96.6	100.0	85.1
Subtotal	739,374	93.7	-	100.0	93.8	84.2	88.1	96.6	100.0	85.1
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	238,005	99.8	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Asheville-Buncombe	498,063	97.8	-	100.0	100.0	97.9	83.4	100.0	97.8	95.6
Beaufort Co.	189,075	99.9	-	100.0	100.0	99.4	98.6	100.0	100.0	-
Bladen	109,036	97.9	-	100.0	100.0	100.0	98.4	100.0	-	-
Blue Ridge	291,364	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Brunswick	238,947	98.7	-	-	100.0	98.9	98.9	100.0	92.6	100.0
Caldwell	363,690	99.9	-	100.0	100.0	95.5	96.4	100.0	100.0	-
Cape Fear	631,671	99.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0
Carteret	158,422	96.3	-	-	72.2	91.7	97.7	100.0	100.0	-
Catawba Valley	379,562	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	384,490	99.6	-	100.0	98.5	100.0	100.0	100.0	100.0	-
Central Piedmont	1,329,907	99.6	-	97.5	99.4	99.6	96.0	94.9	100.0	77.3
Cleveland	206,662	100.0	-	100.0	100.0	100.0	93.6	100.0	-	-
Coastal Carolina	225,217	100.0	-	100.0	100.0	100.0	93.0	100.0	-	-
Coll. of Albemarle	267,977	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	97.2	85.1	99.6	-
Davidson County	304,119	98.5	-	55.2	97.9	100.0	99.9	100.0	91.4	-
Durham	305,045	99.7	-	100.0	100.0	100.0	94.0	7.9	100.0	100.0
Edgecombe	161,865	93.9	-	100.0	98.1	100.0	100.0	100.0	76.2	-
Fayetteville	615,674	95.9	-	100.0	97.3	98.3	91.4	61.2	100.0	-
Forsyth	744,853	100.0	100.0	100.0	99.9	100.0	100.0	63.7	100.0	95.5
Gaston	447,546	93.5	100.0	-	100.0	98.6	85.2	80.2	100.0	100.0
Guilford	1,112,631	93.3	-	100.0	85.2	93.1	94.7	94.1	100.0	96.4
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	235,082	97.9	-	100.0	100.0	100.0	92.8	100.0	100.0	-
Isothermal	219,638	91.4	-	100.0	46.2	100.0	99.5	100.0	100.0	-
James Sprunt	115,985	96.8	-	100.0	100.0	100.0	100.0	66.7	-	100.0
Johnston	322,405	99.9	-	-	100.0	99.7	95.1	72.8	100.0	-
Lenoir	321,627	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	118,518	99.9	-	22.9	100.0	100.0	88.5	75.8	100.0	100.0
McDowell	150,923	98.4	-	100.0	100.0	98.8	98.5	100.0	100.0	-
Mitchell	228,936	95.5	-	100.0	99.0	73.3	81.9	93.6	100.0	25.5
Montgomery	92,293	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Nash	224,490	99.6	-	100.0	100.0	99.8	95.1	100.0	100.0	100.0
Pamlico	54,294	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	378,485	100.0	-	-	99.2	100.0	99.6	100.0	100.0	-
Randolph	295,905	99.9	-	-	100.0	99.8	99.5	100.0	100.0	100.0
Richmond	167,941	95.3	-	99.8	100.0	50.3	97.2	45.2	100.0	-
Roanoke-Chowan	112,384	100.0	-	100.0	100.0	100.0	64.3	100.0	100.0	-
Robeson	201,445	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	212,992	90.6	-	96.3	98.7	99.2	99.9	100.0	100.0	-
Rowan-Cabarrus	408,715	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	99.9
Sampson	137,870	98.7	-	100.0	100.0	100.0	99.5	100.0	100.0	-
Sandhills	325,504	98.9	-	-	99.9	99.4	73.4	15.0	100.0	-
South Piedmont	287,290	100.0	-	100.0	100.0	100.0	98.3	99.7	100.0	59.6
Southeastern	181,925	99.9	-	100.0	100.0	99.8	100.0	100.0	100.0	89.2
Southwestern	196,946	97.4	-	100.0	100.0	100.0	98.8	2.4	100.0	100.0
Stanly	151,912	100.0	-	100.0	100.0	100.0	97.4	100.0	100.0	-
Surry	312,294	100.0	-	100.0	100.0	100.0	91.6	100.0	100.0	-
Tri-County	114,410	98.6	-	100.0	89.6	100.0	94.1	100.0	-	-
Vance-Granville	256,423	99.2	-	100.0	90.0	99.8	85.5	100.0	100.0	100.0
Wake	982,032	99.6	-	-	100.0	100.0	91.3	86.5	100.0	100.0
Wayne	323,164	98.8	-	100.0	100.0	100.0	98.6	100.0	100.0	100.0
Western Piedmont	245,596	99.9	-	-	100.0	99.1	95.9	43.7	100.0	17.7
Wilkes	336,681	99.2	-	92.3	100.0	95.0	99.7	100.0	98.7	100.0
Wilson	140,397	98.5	-	100.0	97.2	100.0	94.2	100.0	-	-
Subtotal	17,737,016	98.3	100.0	97.5	97.1	97.0	95.4	84.1	98.4	88.0
Private Institutions										
NC Private Universities										
Barton	328,517	99.9	-	-	99.3	86.4	100.0	100.0	-	100.0
Campbell	825,939	96.9	100.0	-	97.8	59.1	57.4	97.8	60.1	25.9
Mars Hill	318,610	69.9	-	86.1	92.9	45.4	54.3	99.6	-	71.7
Pfeiffer	195,417	85.1	-	100.0	56.0	45.1	25.6	9.0	-	28.2
Subtotal	1,668,483	89.4	100.0	88.5	90.5	57.7	58.4	84.1	58.6	44.0
Grand Total	62,855,517	96.4	89.9	88.5	97.0	86.3	90.0	85.4	96.8	69.4

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	93.0	-	-	100.0	-	-	-	-
NC State Veterinary Med	68.1	-	-	-	-	-	-	-
UNC-Chapel Hill	99.8	-	-	99.9	99.8	-	-	-
UNC-Chapel Hill Hlth Aff.	99.6	-	100.0	99.9	100.0	-	-	-
Subtotal	96.0	-	100.0	99.9	99.9	-	-	-
Doctoral Universities I and II								
East Carolina	92.7	-	100.0	-	-	-	-	-
East Carolina Hlth Aff.	94.2	-	100.0	-	100.0	-	-	-
NC A&T	96.7	-	-	-	-	-	-	-
UNC Charlotte	96.3	-	88.6	-	-	-	-	-
UNC Greensboro	95.9	-	-	-	100.0	-	-	-
Subtotal	95.1	-	67.6	-	100.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	89.9	-	-	-	-	-	-	-
Fayetteville	98.4	-	-	100.0	-	-	-	-
NC Central	91.1	-	-	-	-	-	-	-
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	86.9	-	100.0	100.0	-	-	-	-
UNC Asheville	100.0	-	-	100.0	-	-	-	100.0
Subtotal	92.6	-	100.0	100.0	-	-	-	100.0
Schools of Art, Music, and Design								
UNC School of the Arts	93.7	-	-	-	-	-	-	-
Subtotal	93.7	-	-	-	-	-	-	-
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	97.0	99.1	100.0	98.8	-	-	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	71.8	-	-	-
Carteret	100.0	96.0	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	-	-	-
Central Piedmont	99.6	99.8	94.9	99.5	99.5	-	-	-
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	99.2	99.1	100.0	100.0	71.1	-	100.0	-
Durham	91.0	99.9	100.0	100.0	100.0	-	-	-
Edgecombe	100.0	92.3	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	97.1	-	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	97.5	100.0	100.0	100.0	-	-	100.0
Isothermal	94.4	87.5	100.0	100.0	100.0	-	-	55.4
James Sprunt	100.0	94.4	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	91.6	99.4	100.0	99.7	100.0	-	-	60.1
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	99.9	100.0	100.0	100.0	-	-	-
Richmond	100.0	99.2	100.0	69.9	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	-	-	-
Rockingham	87.7	95.2	100.0	100.0	61.3	-	-	-
Rowan-Cabarrus	100.0	100.0	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	97.4	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	97.7	100.0	100.0	100.0	100.0	100.0	-	100.0
Wake	100.0	99.5	-	99.2	100.0	-	-	100.0
Wayne	100.0	98.3	100.0	100.0	-	-	-	-
Western Piedmont	99.9	99.8	-	100.0	100.0	-	-	-
Wilkes	100.0	98.6	-	100.0	100.0	-	-	-
Wilson	100.0	97.7	100.0	100.0	100.0	-	-	-
Subtotal	99.1	98.4	99.7	99.3	94.7	100.0	100.0	97.5
Private Institutions								
NC Private Universities								
Barton	99.9	-	-	-	-	-	-	-
Campbell	96.9	-	-	-	-	-	-	-
Mars Hill	69.9	-	-	-	-	-	-	-
Pfeiffer	85.1	-	-	-	-	-	-	-
Subtotal	89.4	-	-	-	-	-	-	-
Grand Total	95.3	98.4	99.0	99.3	94.8	100.0	100.0	97.8

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	66.9	85.7	-	-	85.5	74.7	100.0
NC State Veterinary Med	-	92.2	100.0	97.3	-	100.0	-
UNC-Chapel Hill	97.6	100.0	100.0	100.0	99.6	100.0	99.9
UNC-Chapel Hill Hlth Aff.	100.0	99.9	100.0	99.6	100.0	100.0	-
Subtotal	70.4	92.4	100.0	99.0	87.9	75.3	99.9
Doctoral Universities I and II							
East Carolina	29.8	97.3	-	59.7	100.0	-	95.1
East Carolina Hlth Aff.	-	96.1	88.8	99.5	100.0	-	-
NC A&T	98.5	82.2	-	-	100.0	100.0	100.0
UNC Charlotte	98.3	95.0	-	-	100.0	-	-
UNC Greensboro	96.1	94.6	99.8	-	80.5	-	-
Subtotal	84.3	93.2	89.3	98.4	99.4	100.0	97.6
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	-
Beaufort Co.	-	-	-	-	100.0	-	100.0
Bladen	-	-	-	-	100.0	-	-
Blue Ridge	-	-	-	-	100.0	-	-
Brunswick	-	-	-	-	-	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	100.0	-	-	100.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	100.0	100.0	-	-
Central Piedmont	-	-	-	-	-	-	97.5
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	-	-
Fayetteville	-	-	-	-	100.0	-	-
Forsyth	100.0	-	-	-	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	-	-	-	-	-	-	-
Richmond	-	-	-	-	99.8	-	-
Roanoke-Chowan	-	-	-	-	100.0	-	-
Robeson	-	-	-	-	100.0	100.0	-
Rockingham	-	-	-	-	96.3	-	-
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	98.1
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	100.0	-	-	-	-	-
Mars Hill	-	-	-	-	86.1	-	-
Pfeiffer	-	-	-	-	100.0	-	-
Subtotal	-	100.0	-	-	88.5	-	-
Grand Total	76.8	92.7	86.5	92.1	88.3	77.6	98.2

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	90.7	64.7	98.9	100.0	100.0
NC State Veterinary Med	100.0	-	100.0	100.0	100.0	99.3	-	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	99.8	100.0	99.8
UNC-Chapel Hill Hlth Aff.	99.9	100.0	98.5	100.0	99.7	99.8	100.0	100.0
Subtotal	99.9	86.4	100.0	95.6	98.0	99.3	100.0	99.8
Doctoral Universities I and II								
East Carolina	98.4	100.0	100.0	100.0	100.0	87.6	-	-
East Carolina Hlth Aff.	97.2	-	100.0	-	100.0	98.7	-	-
NC A&T	100.0	100.0	100.0	100.0	95.0	90.2	-	-
UNC Charlotte	94.2	95.1	77.7	99.9	-	97.7	-	-
UNC Greensboro	84.7	99.6	52.7	44.6	98.1	92.7	-	100.0
Subtotal	94.8	99.6	68.8	87.3	95.6	94.3	-	100.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	100.0	-	-	100.0	100.0	100.0	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	100.0	100.0	-	-
NC Central	99.3	100.0	100.0	100.0	59.1	92.5	-	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	96.2	85.9	96.8	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	71.1	-	-
Subtotal	100.0	100.0	100.0	42.2	100.0	71.1	-	-
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	92.9	100.0	-	99.7	100.0	99.6
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	-	100.0	-	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	-	100.0	-	-
Isothermal	16.2	-	-	-	-	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	-	-
Rockingham	100.0	100.0	-	-	-	92.2	-	-
Rowan-Cabarrus	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0
Sampson	100.0	-	-	100.0	-	100.0	-	-
Sandhills	99.8	100.0	100.0	-	100.0	100.0	-	-
South Piedmont	100.0	-	100.0	-	-	100.0	-	-
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Southwestern	100.0	-	100.0	100.0	100.0	100.0	-	-
Stanly	100.0	-	100.0	100.0	-	100.0	-	-
Surry	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County	82.3	-	-	100.0	100.0	100.0	-	-
Vance-Granville	78.8	-	-	-	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	97.3	100.0	99.3	99.8	86.7	98.8	100.0	99.9
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	-	-	44.7	-	-
Pfeiffer	49.1	-	100.0	-	-	100.0	-	100.0
Subtotal	90.6	89.9	96.7	100.0	100.0	85.0	100.0	100.0
Grand Total	97.9	93.9	93.6	95.2	92.3	96.8	100.0	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	93.1	97.5	100.0	68.1	98.1	99.2	100.0	89.8	100.0	93.2	66.8
NC State Veterinary Med	-	-	-	-	100.0	-	-	-	61.9	100.0	100.0	29.6
UNC-Chapel Hill	99.9	100.0	100.0	98.8	99.9	100.0	99.9	100.0	100.0	99.9	99.9	99.9
UNC-Chapel Hill Hlth Aff.	99.4	100.0	100.0	100.0	99.9	-	-	-	100.0	99.7	100.0	100.0
Subtotal	96.1	96.7	98.7	99.5	85.0	99.3	99.5	100.0	93.0	99.9	98.8	81.0
Doctoral Universities I and II												
East Carolina	57.6	85.0	67.3	100.0	99.2	92.8	96.3	64.3	17.7	100.0	100.0	62.4
East Carolina Hlth Aff.	-	-	-	-	100.0	-	-	-	-	100.0	100.0	-
NC A&T	77.2	84.4	100.0	100.0	74.2	69.0	100.0	100.0	87.7	100.0	1.2	100.0
UNC Charlotte	96.9	95.3	92.7	100.0	96.1	98.2	97.7	98.9	82.5	76.8	16.9	82.5
UNC Greensboro	100.0	82.0	96.3	100.0	82.7	76.7	99.1	100.0	99.4	74.9	60.0	56.9
Subtotal	94.4	86.0	92.5	100.0	90.0	88.0	98.6	89.7	56.5	90.3	69.6	64.8
Master's (Comprehensive) Universities and Colleges I												
Appalachian	100.0	99.4	100.0	97.0	73.3	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	45.9	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	92.4	94.3	96.9	98.9	79.1	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	74.8	95.1	36.5	100.0	100.0	-	100.0	-
UNC Asheville	100.0	92.6	100.0	100.0	98.1	87.6	100.0	100.0	100.0	33.8	100.0	-
Subtotal	100.0	95.3	100.0	100.0	84.6	89.1	64.5	100.0	100.0	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	96.2	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
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	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	98.8	99.9	100.0	99.7	99.6	-	-	100.0	98.1	94.6	-	68.5
Cleveland	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coll. of Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	100.0	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	-	-	-	3.4	30.0	-	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	69.1
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	12.7	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	-	-
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	68.5	-	-	-	100.0	100.0	-	-
Montgomery	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Nash	98.4	100.0	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	55.6	-	100.0	-	50.7	20.7	-	-
Roanoke-Chowan	-	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	-	-	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	99.4	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	-	-	-
Wake	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	83.3	-	-	-
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	93.9	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	94.2	99.4	99.8	98.1	99.8	100.0	94.7	82.2	95.3	53.4	81.7
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	50.4	82.0	100.0	100.0	97.4	100.0	-	100.0
Mars Hill	100.0	64.8	100.0	100.0	37.1	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	77.4	87.5	100.0	49.5	82.9	78.1	93.9	82.2	82.4	-	100.0
Grand Total	95.9	92.3	97.9	99.7	83.2	95.3	92.9	95.6	81.1	95.5	89.4	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	95.4	55.6	97.2	100.0	-	78.4	87.2	57.7	33.1
NC State Veterinary Med	-	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
UNC-Chapel Hill	99.9	100.0	99.9	100.0	100.0	99.6	99.9	100.0	100.0	99.7	80.4	99.7
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	99.8	99.6	100.0	100.0	100.0	100.0	100.0	93.9	99.9
Subtotal	99.9	99.9	99.8	97.7	64.3	98.4	100.0	100.0	98.8	91.7	77.3	55.5
Doctoral Universities I and II												
East Carolina	88.6	22.0	89.1	98.1	96.3	70.5	73.5	57.8	-	100.0	52.6	1.8
East Carolina Hlth Aff.	100.0	100.0	100.0	84.4	-	100.0	-	100.0	-	-	63.0	100.0
NC A&T	100.0	100.0	99.9	95.1	100.0	100.0	100.0	100.0	-	100.0	100.0	97.0
UNC Charlotte	93.9	80.4	95.8	98.3	100.0	100.0	100.0	97.6	-	-	99.0	96.7
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	95.1	44.8	96.8	97.8	89.4	93.3	93.2	95.2	58.9	100.0	87.3	42.6
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	42.8
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	77.1	89.7
UNC Pembroke	100.0	100.0	100.0	-	100.0	95.0	100.0	100.0	-	-	37.4	-
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	95.0	92.2	85.9	97.6	50.0	82.2	87.3	80.0	98.2	99.8	59.8	74.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	98.8	100.0	18.4	100.0	100.0	100.0	-	-	100.0	41.9
UNC Asheville	67.3	70.8	81.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Subtotal	82.8	83.4	91.7	100.0	48.5	100.0	100.0	100.0	100.0	100.0	100.0	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	-	73.1	100.0
Subtotal	72.7	100.0	93.7	100.0	100.0	35.8	100.0	100.0	100.0	-	73.1	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	78.7	100.0	81.8	-	100.0	100.0	-	97.8	95.3	96.4
Beaufort Co.	100.0	100.0	98.4	100.0	100.0	100.0	87.3	90.2	-	100.0	-	-
Bladen	97.2	100.0	97.6	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	90.2	100.0	100.0	-
Caldwell	100.0	100.0	85.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Cape Fear	100.0	100.0	99.2	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	99.4	98.3	91.4	97.5	-	98.8	99.5	98.6	100.0	100.0	-	77.3
Cleveland	99.0	100.0	81.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Coastal Carolina	100.0	100.0	88.9	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	89.1	100.0	-	100.0	100.0	100.0	-	99.6	-	-
Davidson County	100.0	100.0	100.0	-	99.4	100.0	-	100.0	-	91.4	-	-
Durham	100.0	100.0	73.0	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	-	-
Fayetteville	100.0	99.5	79.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	97.3	95.4

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	Unusable
					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	-	100.0
Guilford	100.0	94.5	98.2	82.6	65.4	100.0	94.2	100.0	-	100.0	96.1	97.5
Halifax	98.3	100.0	99.2	100.0	91.5	100.0	100.0	100.0	-	100.0	-	-
Haywood	100.0	100.0	59.3	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Isothermal	99.1	100.0	100.0	96.3	100.0	-	100.0	100.0	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	100.0	-
Johnston	100.0	100.0	100.0	100.0	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	51.0	100.0	50.5	-	100.0	-	-	100.0	100.0	-
Montgomery	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Nash	100.0	100.0	86.0	100.0	98.3	100.0	73.1	100.0	100.0	-	100.0	-
Pamlico	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Piedmont	98.3	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	-	-
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	32.3	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	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	99.9
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	77.3	88.9	93.6	-	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	88.6	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	99.3	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	91.5	100.0	-	-	100.0	100.0	-	-	-	-
Vance-Granville	100.0	100.0	68.9	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Wake	100.0	100.0	78.8	100.0	100.0	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
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	97.3	99.2	92.2	97.8	91.6	97.1	99.4	99.0	95.0	99.3	85.1	89.9
Private Institutions												
NC Private Universities												
Barton	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Campbell	87.1	80.3	77.3	98.6	30.6	2.4	85.5	95.7	-	88.9	100.0	-
Mars Hill	100.0	100.0	85.2	100.0	10.6	19.9	100.0	100.0	-	-	-	73.4
Pfeiffer	61.8	39.3	79.7	44.2	-	30.1	88.2	-	-	-	24.3	100.0
Subtotal	90.1	77.1	84.3	90.1	30.7	46.4	89.6	83.1	-	88.9	28.6	71.3
Grand Total	96.1	84.3	94.1	97.7	64.1	89.5	95.9	93.2	94.5	97.5	77.6	65.4

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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	7,451,052	258,494	99.7	1,538,014	95.6	1,855,150	97.1	348,163	98.5	
NC State Veterinary Med	375,531	7,598	98.0	86,670	84.7	85,602	98.6	11,130	100.0	
UNC-Chapel Hill	7,245,846	264,755	99.9	620,684	99.9	1,579,810	99.7	634,846	100.0	
UNC-Chapel Hill Hlth Aff.	2,684,002	79,464	99.9	767,401	100.0	1,080,559	99.7	75,078	100.0	
Subtotal	17,756,431	610,311	99.8	3,012,769	97.2	4,601,121	98.6	1,069,217	99.5	
Doctoral Universities I and II										
East Carolina	2,788,380	178,088	97.5	331,286	92.6	580,163	86.5	188,491	99.8	
East Carolina Hlth Aff.	812,816	44,224	90.0	161,246	98.6	315,345	93.3	53,571	97.5	
NC A&T	1,994,186	135,049	94.7	319,484	93.0	419,064	94.1	133,647	99.4	
UNC Charlotte	3,705,992	234,002	97.0	523,072	97.5	788,199	96.4	228,877	94.9	
UNC Greensboro	2,667,839	148,967	97.8	327,395	95.5	570,348	92.6	113,252	82.9	
Subtotal	11,969,213	740,330	96.4	1,662,483	95.3	2,673,119	92.6	717,838	94.9	
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,292,131	159,804	92.0	228,643	86.5	491,154	90.0	88,629	95.6	
Fayetteville	760,948	57,355	99.9	90,180	100.0	191,069	87.6	66,912	98.1	
NC Central	1,338,314	107,848	86.8	133,403	90.6	282,005	90.8	99,506	96.4	
UNC Pembroke	932,863	87,112	98.7	59,818	100.0	174,687	95.5	40,598	99.8	
UNC Wilmington	2,249,523	157,938	100.0	229,673	100.0	384,631	100.0	119,015	100.0	
Western Carolina	1,507,944	96,225	94.5	183,460	97.0	315,040	96.8	127,819	99.9	
Winston-Salem	1,094,622	56,253	82.6	74,002	88.5	197,721	86.2	54,453	97.5	
Subtotal	10,176,345	722,535	93.6	999,179	93.9	2,036,307	92.7	596,932	98.2	
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	864,335	50,136	100.0	95,241	100.0	157,380	95.3	71,754	100.0	
Subtotal	1,614,473	114,069	91.2	154,025	92.7	273,624	93.9	108,413	97.2	
Schools of Art, Music, and Design										
UNC School of the Arts	739,374	18,654	66.4	187,959	95.5	94,609	86.8	46,744	100.0	
Subtotal	739,374	18,654	66.4	187,959	95.5	94,609	86.8	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	238,005	72,277	100.0	74,604	99.8	47,448	99.6	10,937	100.0	
Asheville-Buncombe	498,063	94,993	99.5	178,983	97.2	125,071	94.1	16,788	100.0	
Beaufort Co.	189,075	51,169	100.0	53,531	99.8	36,057	99.0	9,158	100.0	
Bladen	109,036	23,454	100.0	31,250	95.7	24,213	99.0	8,346	100.0	
Blue Ridge	291,364	69,330	100.0	93,274	100.0	43,917	100.0	14,297	100.0	
Brunswick	238,947	63,466	98.9	25,222	97.1	41,347	97.9	7,369	100.0	
Caldwell	363,690	97,131	100.0	99,791	99.6	64,711	100.0	19,006	100.0	
Cape Fear	631,671	116,879	100.0	210,915	98.1	152,562	99.7	31,044	100.0	
Carteret	158,422	40,533	96.0	59,278	99.6	34,363	95.9	6,047	100.0	
Catawba Valley	379,562	80,440	100.0	115,673	99.4	73,755	100.0	23,222	100.0	
Central Carolina	384,490	117,676	100.0	119,537	100.0	70,367	98.0	20,378	99.4	
Central Piedmont	1,329,907	366,412	99.7	359,884	99.6	297,288	98.2	63,868	99.8	
Cleveland	206,662	51,422	100.0	62,603	100.0	31,839	99.9	18,208	100.0	
Coastal Carolina	225,217	74,163	100.0	72,286	100.0	42,396	97.8	15,190	100.0	
Coll. of Albemarle	267,977	59,494	100.0	81,801	99.9	53,787	100.0	12,345	100.0	
Craven	201,954	53,470	100.0	70,646	98.5	45,293	99.7	10,664	56.3	
Davidson County	304,119	70,278	98.3	72,270	93.5	72,654	98.4	22,880	100.0	
Durham	305,045	82,908	100.0	99,239	99.5	70,428	95.1	15,699	100.0	
Edgecombe	161,865	35,640	98.4	39,311	88.1	30,272	99.5	12,038	97.7	
Fayetteville	615,674	153,568	93.0	206,486	97.2	126,250	97.6	31,481	100.0	
Forsyth	744,853	151,359	100.0	251,451	100.0	151,228	99.8	23,081	100.0	
Gaston	447,546	110,202	100.0	116,467	85.2	97,507	97.9	30,760	100.0	
Guilford	1,112,631	203,566	94.4	268,202	93.5	159,048	94.2	40,351	93.8	
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	235,082	31,292	92.0	97,157	100.0	41,833	98.6	13,750	100.0
Isothermal	219,638	45,262	93.1	57,915	86.8	38,697	98.1	2,447	21.9
James Sprunt	115,985	30,184	100.0	22,685	91.8	33,972	98.1	10,267	100.0
Johnston	322,405	89,302	99.8	77,637	98.2	63,890	99.8	20,221	100.0
Lenoir	321,627	74,560	100.0	84,060	95.9	54,567	99.2	19,172	100.0
Martin	145,992	23,378	100.0	34,613	93.0	16,985	93.2	14,165	100.0
Mayland	118,518	32,802	100.0	31,327	94.8	23,214	100.0	10,255	100.0
McDowell	150,923	28,076	95.7	60,575	99.2	26,789	98.9	6,844	100.0
Mitchell	228,936	65,253	98.6	49,399	97.1	49,352	91.4	15,216	100.0
Montgomery	92,293	19,054	100.0	30,658	100.0	17,196	99.9	10,586	100.0
Nash	224,490	72,982	100.0	54,870	99.9	33,686	97.7	11,448	100.0
Pamlico	54,294	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	378,485	79,605	100.0	131,609	100.0	87,951	99.6	24,221	100.0
Randolph	295,905	66,179	99.7	95,310	100.0	44,005	99.3	8,459	100.0
Richmond	167,941	36,180	93.0	44,563	97.0	31,293	96.3	10,683	98.8
Roanoke-Chowan	112,384	16,479	100.0	36,289	100.0	17,086	99.5	11,615	100.0
Robeson	201,445	35,232	100.0	64,670	100.0	41,282	100.0	11,250	100.0
Rockingham	212,992	28,613	95.0	78,088	94.8	35,407	98.5	11,070	100.0
Rowan-Cabarrus	408,715	98,880	100.0	106,148	100.0	82,781	100.0	25,790	100.0
Sampson	137,870	32,694	100.0	37,859	100.0	28,537	99.8	14,296	100.0
Sandhills	325,504	100,819	100.0	71,415	98.4	58,728	99.4	17,584	100.0
South Piedmont	287,290	47,244	100.0	56,308	100.0	53,992	100.0	10,076	100.0
Southeastern	181,925	47,996	98.4	45,098	98.7	38,447	99.3	14,324	100.0
Southwestern	196,946	41,329	100.0	52,017	93.9	40,415	99.5	10,618	100.0
Stanly	151,912	40,225	100.0	42,794	100.0	32,994	98.6	7,285	100.0
Surry	312,294	91,432	100.0	89,019	100.0	60,396	99.8	15,686	100.0
Tri-County	114,410	34,685	100.0	36,124	97.1	18,058	99.4	4,910	82.4
Vance-Granville	256,423	46,169	97.8	78,532	100.0	48,818	99.5	18,875	89.4
Wake	982,032	234,070	100.0	244,614	99.4	218,246	99.8	80,606	99.2
Wayne	323,164	39,413	100.0	89,608	97.8	50,734	99.7	19,361	100.0
Western Piedmont	245,596	61,928	100.0	67,392	99.9	47,360	99.5	17,592	100.0
Wilkes	336,681	76,418	98.7	89,655	99.3	50,460	99.9	17,003	100.0
Wilson	140,397	40,366	96.7	36,678	100.0	31,275	98.0	9,511	99.5
Subtotal	17,737,016	4,133,591	98.9	5,054,515	97.9	3,487,815	98.4	982,892	97.5
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	825,939	101,986	98.4	62,054	99.6	137,295	86.6	79,018	99.4
Mars Hill	318,610	34,323	80.8	29,002	61.7	44,804	68.7	27,357	94.5
Pfeiffer	195,417	31,225	91.4	24,364	83.6	35,625	78.3	10,982	49.0
Subtotal	1,668,483	196,386	93.9	139,640	85.8	274,257	84.1	138,935	91.2
Grand Total	62,855,517	6,545,802	97.6	11,221,399	96.7	13,775,369	95.7	3,663,868	97.4

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	1,092,455	69.4	734,612	94.8	341,647	79.8	25,356	98.8	1,099,519	60.7	157,642	36.9
NC State Veterinary Med	41,254	61.5	11,169	100.0	18,587	76.9	113,521	99.5	-	-	0	-
UNC-Chapel Hill	845,946	100.0	813,981	100.0	455,396	100.0	22,575	99.9	1,891,341	99.9	116,512	87.4
UNC-Chapel Hill Hlth Aff.	187,309	99.8	92,674	100.0	37,780	99.9	159,551	99.8	310	100.0	203,876	97.6
Subtotal	2,166,964	81.0	1,652,436	97.6	853,410	90.3	321,003	99.6	2,991,170	80.7	478,030	62.2
Doctoral Universities I and II												
East Carolina	301,847	86.9	286,602	96.6	75,254	35.7	5,204	90.9	837,017	99.8	4,428	1.8
East Carolina Hlth Aff.	42,481	98.8	10,951	79.9	40,660	99.4	136,554	90.8	-	-	7,784	100.0
NC A&T	271,982	87.2	191,160	91.5	189,458	95.4	13,203	100.0	314,706	74.0	6,433	97.8
UNC Charlotte	168,923	95.3	340,995	95.2	49,300	84.1	7,539	98.8	1,128,645	96.3	236,440	97.3
UNC Greensboro	85,898	86.6	332,164	82.1	241,368	89.3	9,534	98.1	836,278	82.8	2,635	38.1
Subtotal	871,131	89.0	1,161,872	90.6	596,040	76.5	172,034	92.1	3,116,646	90.4	257,720	50.5
Master's (Comprehensive) Universities and Colleges I												
Appalachian	338,004	85.6	357,188	91.5	75,684	90.7	11,733	100.0	530,291	71.4	11,001	47.2
Fayetteville	76,341	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	123,368	88.4
UNC Pembroke	89,001	100.0	111,038	91.6	51,100	100.0	1,312	50.2	303,342	86.8	14,855	35.2
UNC Wilmington	125,782	100.0	275,607	100.0	86,751	99.4	4,676	100.0	865,450	100.0	0	0.0
Western Carolina	190,469	90.7	287,988	95.8	61,376	97.2	3,246	100.0	202,409	30.5	39,912	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	1,042,711	92.1	1,417,002	93.0	367,170	91.9	28,817	84.5	2,723,291	75.4	242,401	69.0
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	71.7	9,116	45.0
UNC Asheville	92,883	88.1	131,506	100.0	38,944	100.0	3,075	100.0	223,416	96.9	0	-
Subtotal	180,093	91.4	230,679	97.0	55,397	99.5	4,649	48.9	484,408	81.5	9,116	45.0
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	85.1
Subtotal	23,826	100.0	120,107	94.6	78,639	94.9	1,259	41.0	130,156	81.7	37,421	85.1
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	6,206	100.0	17,907	100.0	8,626	100.0	-	-	-	-	0	-
Asheville-Buncombe	16,094	100.0	44,628	98.5	15,818	91.7	-	-	-	-	5,688	91.4
Beaufort Co.	3,102	100.0	25,009	100.0	11,049	100.0	-	-	-	-	0	-
Bladen	1,155	100.0	12,442	100.0	8,176	100.0	-	-	-	-	0	-
Blue Ridge	6,235	100.0	52,154	100.0	12,157	100.0	-	-	-	-	0	-
Brunswick	27,456	100.0	61,974	91.9	12,001	100.0	112	100.0	-	-	0	-
Caldwell	20,026	100.0	47,420	96.4	15,605	96.6	-	-	-	-	0	-
Cape Fear	29,394	100.0	74,952	100.0	14,108	100.0	-	-	756	100.0	1,061	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	-	-	7,798	100.0
Central Carolina	11,379	100.0	40,569	100.0	2,630	100.0	1,954	100.0	-	-	0	-
Central Piedmont	31,422	97.0	127,388	99.8	77,683	96.2	-	-	-	-	5,962	77.3
Cleveland	15,185	100.0	16,958	100.0	10,447	89.8	-	-	-	-	0	-
Coastal Carolina	3,120	100.0	11,583	100.0	6,479	100.0	-	-	-	-	0	-
Coll. of Albemarle	7,204	100.0	41,594	100.0	11,752	100.0	-	-	-	-	0	-
Craven	1,875	100.0	18,860	100.0	1,146	63.2	-	-	-	-	0	-
Davidson County	18,005	100.0	28,992	99.2	18,898	100.0	142	100.0	-	-	0	-
Durham	2,752	100.0	22,890	99.3	5,454	13.3	-	-	-	-	5,675	100.0
Edgecombe	770	100.0	36,414	95.9	7,420	100.0	-	-	-	-	0	-
Fayetteville	28,031	96.6	48,994	98.4	20,864	67.4	-	-	-	-	0	-
Forsyth	18,875	100.0	59,846	100.0	34,557	89.9	-	-	43	100.0	54,413	95.4
Gaston	13,932	100.0	52,487	98.9	8,458	73.9	748	100.0	-	-	16,985	100.0
Guilford	17,316	63.4	83,570	95.4	33,852	94.4	-	-	-	-	306,726	96.4

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	37,468	100.0	10,468	83.6	1,524	100.0	-	-	0	-
Isothermal	22,920	100.0	35,146	100.0	17,251	94.7	-	-	-	-	0	-
James Sprunt	3,795	100.0	11,716	100.0	3,016	74.4	-	-	-	-	350	100.0
Johnston	8,518	100.0	44,678	100.0	18,159	85.8	-	-	-	-	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	-	-	-	-	265	100.0
McDowell	1,165	100.0	20,619	99.8	6,855	100.0	-	-	-	-	0	-
Mitchell	9,765	55.9	32,299	82.9	7,652	79.4	-	-	-	-	0	0.0
Montgomery	1,361	100.0	10,986	100.0	2,452	100.0	-	-	-	-	0	-
Nash	12,562	100.0	31,387	99.4	6,923	91.0	-	-	-	-	632	100.0
Pamlico	140	100.0	9,361	100.0	3,359	87.5	-	-	-	-	0	-
Piedmont	-	-	15,413	99.1	15,667	100.0	-	-	-	-	0	-
Pitt	20,362	100.0	16,947	100.0	17,790	100.0	-	-	-	-	0	-
Randolph	5,152	100.0	36,388	100.0	37,125	100.0	-	-	-	-	3,287	100.0
Richmond	989	100.0	38,325	87.9	5,808	90.6	100	44.2	-	-	0	-
Roanoke-Chowan	9,970	100.0	15,437	100.0	5,508	60.5	-	-	-	-	0	-
Robeson	3,216	100.0	35,482	100.0	7,122	100.0	-	-	-	-	3,191	100.0
Rockingham	24,104	70.6	26,885	99.3	7,861	100.0	964	100.0	-	-	0	-
Rowan-Cabarrus	4,630	100.0	38,413	100.0	19,332	100.0	2,135	100.0	-	-	30,606	99.9
Sampson	-	-	17,809	100.0	6,675	100.0	-	-	-	-	0	-
Sandhills	30,582	95.6	42,859	97.8	2,894	75.7	-	-	623	11.1	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	7,587	100.0	-	-	-	-	742	100.0
Southwestern	18,202	100.0	26,832	100.0	6,129	67.8	-	-	-	-	1,404	100.0
Stanly	1,644	100.0	19,724	100.0	7,246	100.0	-	-	-	-	0	-
Surry	17,276	100.0	27,914	100.0	10,571	88.9	-	-	-	-	0	-
Tri-County	-	-	13,563	100.0	7,070	90.0	-	-	-	-	0	-
Vance-Granville	1,098	100.0	41,826	100.0	4,506	60.6	-	-	-	-	16,599	100.0
Wake	36,462	100.0	59,590	100.0	27,160	76.0	-	-	-	-	81,284	100.0
Wayne	9,214	100.0	35,000	99.8	15,143	100.0	1,719	100.0	-	-	62,972	100.0
Western Piedmont	6,498	100.0	28,289	100.0	8,490	62.7	-	-	-	-	8,047	17.7
Wilkes	24,439	99.9	48,839	93.9	22,818	100.0	1,282	100.0	-	-	5,767	100.0
Wilson	-	-	14,827	100.0	7,740	90.4	-	-	-	-	0	-
Subtotal	643,358	93.1	2,030,521	97.9	712,833	87.5	11,204	94.5	1,422	17.9	678,865	87.7
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	114,669	86.9	132,542	90.3	21,150	97.4	2,964	100.0	174,261	41.6	0	0.0
Mars Hill	39,607	88.7	83,140	69.2	13,984	95.9	995	43.4	36,084	21.8	9,314	71.7
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	239,910	89.3	298,657	80.9	46,894	83.9	5,038	79.5	312,087	38.9	16,679	45.0
Grand Total	5,200,486	86.7	6,965,099	94.5	2,794,545	86.8	1,163,859	88.8	9,762,965	79.2	1,762,125	69.2

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Durham Technical CC	1-3	005448	Durham	Durham 27703	04
East Carolina University	1-1	002923	Pitt	Greenville 27858	01, 03
ECU-Health Affairs	1-1		Pitt	Greenville 27858	01, 03
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	01
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	02, 07, 08
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	02, 07, 08
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05, 12
Gaston College	1-2	002973	Gaston	Dallas 28034	09, 10
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06, 12, 13
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	10, 11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03, 07
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02

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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 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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