

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2011



**Shelton-Badgett North Carolina Center for Viticulture & Enology
Surry Community College**

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

**FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 2011**

**For
THE STATE OF NORTH CAROLINA**

FORTY-FIFTH EDITION

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

September 2012

Shelton-Badgett North Carolina Center for Viticulture and Enology
Surry Community College
(Cover Page)

The first of its kind east of the Mississippi, the \$5.6 million Shelton-Badgett NC Center for Viticulture & Enology facility will position Surry Community College as the gateway to the North Carolina wine country by providing a facility that accommodates wine-industry events and houses a state-of-the-art, commercially bonded and student-run winery. The center was funded through NC General Assembly appropriations, NC Community College System Grants, NC State Bonds, and private donations. Surry Community College began offering courses in viticulture in 1999 and currently offers a two year degree in Viticulture and Enology. Students receive practical experience in a five acre vineyard on the college campus. The winery produces between 400 and 500 cases annually and is licensed to market to stores and restaurants as well as to sell at festivals and other special events. It also holds a wholesaler's permit. The student produced wine Surry Cellars 2007 Red Dirt Rose won a double-gold medal at the San Francisco Chronicle Wine Competition in 2009.

Contrasting characteristics of viticulture (meaning nature/art) and enology (meaning man/science) provide the metaphor that expresses the design of the facility. A material palette of steel, wood, cables, cork, stone and terracotta brick reinforces this concept. Phase I of this 16,000 square foot facility houses a crush pad, fermentation and processing facilities, temperature controlled barrel storage, lab and testing spaces, classrooms, faculty offices, a library and a 4,000 square foot grand meeting hall. Phase II is currently in the design phase, and will add an auditorium and science building. The auditorium is projected to be 40,000 square feet and will host conventions and conferences for the wine industry and related agri-tourism events for North Carolina, the east coast, and the nation. The science building will include labs, offices and science classrooms.

The Shelton-Badgett Center at Surry Community College is located in the heart of Yadkin Valley American Viticulture Area which is North Carolina's first federally designated wine region. North Carolina currently has 80 wineries and 400 vineyards. According to the NC Grape and Wine Council, the industry contributes \$813 million annually to the state's economy and provides 5,700 jobs. This new center will provide training and support for the grape and wine industry not only in North Carolina, but for the entire Southeast.

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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-fifth 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 2011 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 and can be found at www.northcarolina.edu/pres/publications/publications.cfm. Hardcopy versions of this publication will be available only upon request for the cost of printing

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 2011 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 which is a division of Institutional Research and Analysis.

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 38 campuses, Barton College, Campbell University, Mars Hill College, and Pfeiffer University have elected to participate in 2011. 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 named FRED. 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 commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses, and facilities survey assistance 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 one copy 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 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 N.C. School of the Arts. It should also be noted that the programs conducted at the U.N.C. 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.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. The student clock hours of UNC at Asheville reflect these WCU courses. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner.

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, data processing services mentioned above to all North Carolina institutions for all data maintained on commission 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.



Reich College of Education Building, Appalachian State University

The Reich College of Education is Appalachian State University’s newest addition to its campus in Boone. The 124,547 square foot, five-story building has 121 faculty offices, 17 classrooms, 12 conference/seminar rooms, administrative suites, a design lab, computer teaching lab, student computer labs, media production lab, a counseling training clinic and a reading clinic with tutoring and diagnostic rooms. The \$35 million building is targeted to achieve a LEED designation. The building's sustainable features include solar hot water heating, a vegetated "green" roof and other enhanced energy and water efficiency items.

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

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

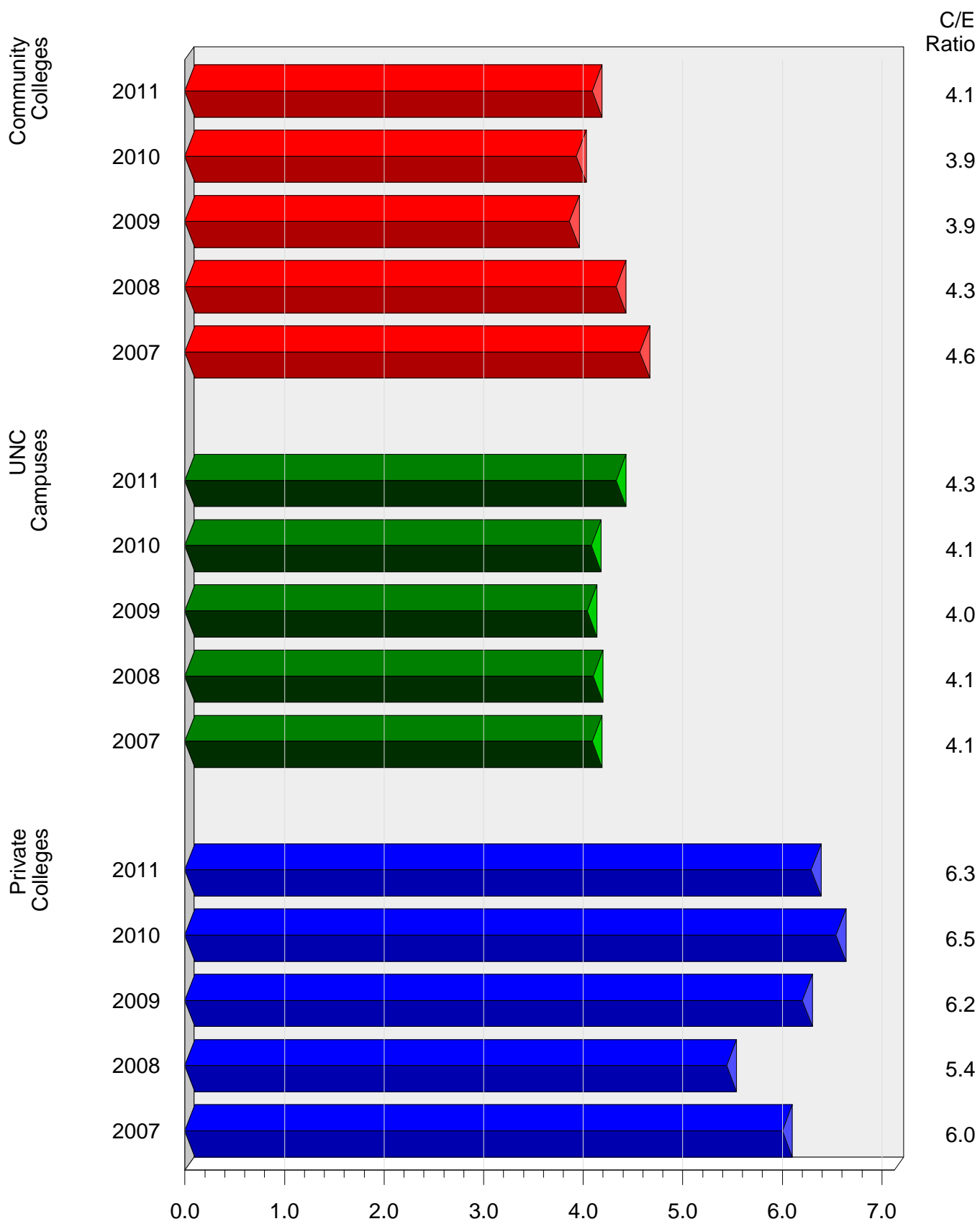


Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio					
			2011	2010	2009	2008	2007	
Public Institutions								
Research Universities I								
NC State	1,582,949	406,767.0	3.89	3.85	3.82	3.86	3.92	
NC State Veterinary Med	-	-	-	-	-	-	-	
UNC-Chapel Hill	1,813,362	293,405.0	6.18	5.71	5.44	5.59	5.59	
UNC-Chapel Hill Health Aff.	-	-	-	-	-	-	-	
Subtotal	3,396,311	700,172.0	4.85	4.63	4.49	4.57	4.61	
Doctoral Universities I and II								
East Carolina	1,002,377	261,617.0	3.83	3.81	3.82	3.80	3.96	
East Carolina Health Aff.	-	-	-	-	-	-	-	
NC A&T	832,445	130,053.5	6.40	5.67	5.73	5.28	5.51	
UNC Charlotte	925,977	291,743.5	3.17	2.88	3.07	3.18	3.09	
UNC Greensboro	714,556	207,441.0	3.44	3.35	3.25	3.38	3.27	
Subtotal	3,475,355	890,855.0	3.90	3.66	3.70	3.72	3.74	
Master's (Comprehensive) Universities and Colleges I								
Appalachian	777,459	253,782.5	3.06	2.99	3.03	3.10	3.30	
Fayetteville	300,618	61,057.0	4.92	4.47	4.04	4.17	3.43	
NC Central	531,922	94,255.0	5.64	4.78	4.60	4.90	4.70	
UNC Pembroke	287,818	62,111.5	4.63	4.02	4.07	4.42	4.43	
UNC Wilmington	507,666	173,965.0	2.92	3.14	3.03	2.95	2.84	
Western Carolina	505,507	113,991.0	4.43	4.50	4.78	4.92	4.25	
Winston-Salem	302,569	73,702.0	4.11	4.06	3.78	3.75	4.25	
Subtotal	3,213,559	832,864.0	3.86	3.73	3.70	3.77	3.70	
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	280,568	33,695.5	8.33	6.75	6.47	6.45	6.52	
UNC Asheville	249,591	57,084.0	4.37	4.85	5.16	5.10	4.94	
Subtotal	530,159	90,779.5	5.84	5.62	5.71	5.67	5.60	
Schools of Art, Music, and Design								
UNC School of the Arts	282,700	30,557.0	9.25	7.88	7.76	7.92	8.08	
Subtotal	282,700	30,557.0	9.25	7.88	7.76	7.92	8.08	
Community Colleges								
Alamance	180,080	54,060.0	3.33	2.94	2.99	3.11	3.37	
Asheville-Buncombe	346,964	73,303.0	4.73	4.68	4.50	5.17	4.58	
Beaufort Co.	116,294	22,814.0	5.10	5.21	5.04	6.33	6.90	
Bladen	77,141	15,895.0	4.85	3.69	3.79	4.88	4.74	
Blue Ridge	191,277	25,622.0	7.47	8.24	6.13	8.49	7.43	
Brunswick	107,858	26,037.0	4.14	4.41	4.04	4.21	5.41	
Caldwell	229,229	54,094.5	4.24	4.20	4.10	4.83	5.59	
Cape Fear	368,506	117,757.0	3.13	3.08	2.98	3.25	3.93	
Carteret	126,139	20,693.0	6.10	5.34	5.92	6.36	7.23	
Catawba Valley	256,136	56,065.0	4.57	3.98	3.64	4.45	4.00	
Central Carolina	297,072	65,564.0	4.53	5.01	4.29	6.09	5.84	
Central Piedmont	842,752	188,973.0	4.46	4.26	3.80	4.23	4.45	
Cleveland	151,247	34,187.0	4.42	3.98	4.05	4.96	4.73	
Coastal Carolina	180,701	57,958.0	3.12	3.59	3.27	4.07	4.12	
Coll. of Albemarle	158,758	29,077.5	5.46	5.06	4.93	5.94	6.40	
Craven	156,857	33,740.0	4.65	4.79	5.43	6.03	6.07	
Davidson County	210,748	49,280.5	4.28	4.01	4.07	5.09	4.34	
Durham	227,855	61,277.0	3.72	3.37	3.26	3.65	3.75	
Edgecombe	106,971	37,051.0	2.89	2.65	3.08	3.79	5.51	
Fayetteville	421,162	102,675.5	4.10	4.08	3.74	3.88	3.86	
Forsyth	362,613	118,530.0	3.06	3.23	3.26	4.33	4.82	
Gaston	327,022	64,762.5	5.05	4.53	4.69	5.04	4.58	
Guilford	559,843	164,912.5	3.39	3.06	3.15	3.16	3.76	
Halifax	110,807	19,393.5	5.71	5.11	5.25	6.72	8.16	
Haywood	168,140	21,875.5	7.69	6.75	7.16	7.54	8.13	
Isothermal	148,908	27,204.0	5.47	4.43	4.23	5.30	5.47	
James Sprunt	77,231	17,932.5	4.31	4.59	4.13	5.78	5.79	
Johnston	223,201	52,449.5	4.26	4.05	5.03	6.34	4.96	
Lenoir	216,778	43,365.0	5.00	4.82	4.59	4.93	6.40	
Martin	82,091	16,312.0	5.03	5.67	7.60	8.54	12.73	
Mayland	73,112	13,286.5	5.50	5.27	4.71	5.67	7.06	
McDowell	73,491	15,173.5	4.84	4.63	4.81	6.07	6.71	
Mitchell	168,699	47,653.5	3.54	3.24	3.53	3.92	3.75	

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2011	2010	2009	2008	2007
Montgomery	67,567	10,503.0	6.43	6.04	6.03	5.54	6.40
Nash	119,104	37,540.0	3.17	3.51	3.07	3.49	4.45
Pamlico	34,705	3,370.0	10.30	7.82	7.55	8.27	8.08
Piedmont	89,352	22,544.5	3.96	3.27	3.35	3.50	3.30
Pitt	209,539	86,695.0	2.42	2.49	2.38	2.46	2.64
Randolph	169,153	32,931.0	5.14	4.31	4.55	4.55	5.04
Richmond	111,522	31,048.0	3.59	3.65	3.91	3.71	5.72
Roanoke-Chowan	60,005	10,944.0	5.48	5.07	5.35	6.18	7.29
Robeson	127,736	42,946.5	2.97	2.73	2.60	3.27	3.05
Rockingham	163,769	31,307.0	5.23	5.10	4.83	5.65	6.53
Rowan-Cabarrus	245,243	76,209.5	3.22	2.83	2.60	3.61	3.38
Sampson	96,583	21,527.0	4.49	4.00	4.36	4.59	5.25
Sandhills	201,648	52,085.0	3.87	4.17	4.06	4.38	4.28
South Piedmont	114,269	22,288.0	5.13	3.39	3.52	4.10	3.65
Southeastern	118,545	19,375.5	6.12	6.31	5.13	5.21	5.95
Southwestern	123,948	22,934.5	5.40	4.74	4.60	5.13	6.54
Stanly	100,403	23,059.5	4.35	4.19	3.70	3.48	3.62
Surry	237,177	47,409.5	5.00	4.46	4.50	4.61	4.23
Tri-County	80,516	12,540.5	6.42	6.10	6.53	5.73	6.03
Vance-Granville	174,105	43,071.0	4.04	4.22	3.84	3.98	3.89
Wake	538,342	188,829.0	2.85	3.04	3.12	3.11	3.95
Wayne	166,564	42,490.0	3.92	4.10	4.11	4.17	3.63
Western Piedmont	161,076	37,989.5	4.24	4.07	4.00	3.94	4.87
Wilkes	169,754	35,364.5	4.80	4.29	4.21	4.90	5.59
Wilson	104,458	17,322.0	6.03	4.89	4.74	4.83	4.26
Subtotal	11,130,766	2,721,298.5	4.09	3.93	3.86	4.33	4.57
Private Institutions							
NC Private Universities							
Barton	126,900	15,703.5	8.08	8.37	8.27	8.28	8.36
Campbell	297,439	65,826.0	4.52	4.65	4.14	3.77	3.97
Mars Hill	170,136	18,382.0	9.26	10.20	9.59	8.59	8.77
Pfeiffer	118,877	13,542.0	8.78	8.51	9.04	5.80	8.15
Subtotal	713,352	113,453.5	6.29	6.54	6.20	5.44	6.00
Grand Total	22,742,202	5,379,979.5	4.23	4.05	4.00	4.24	4.35

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

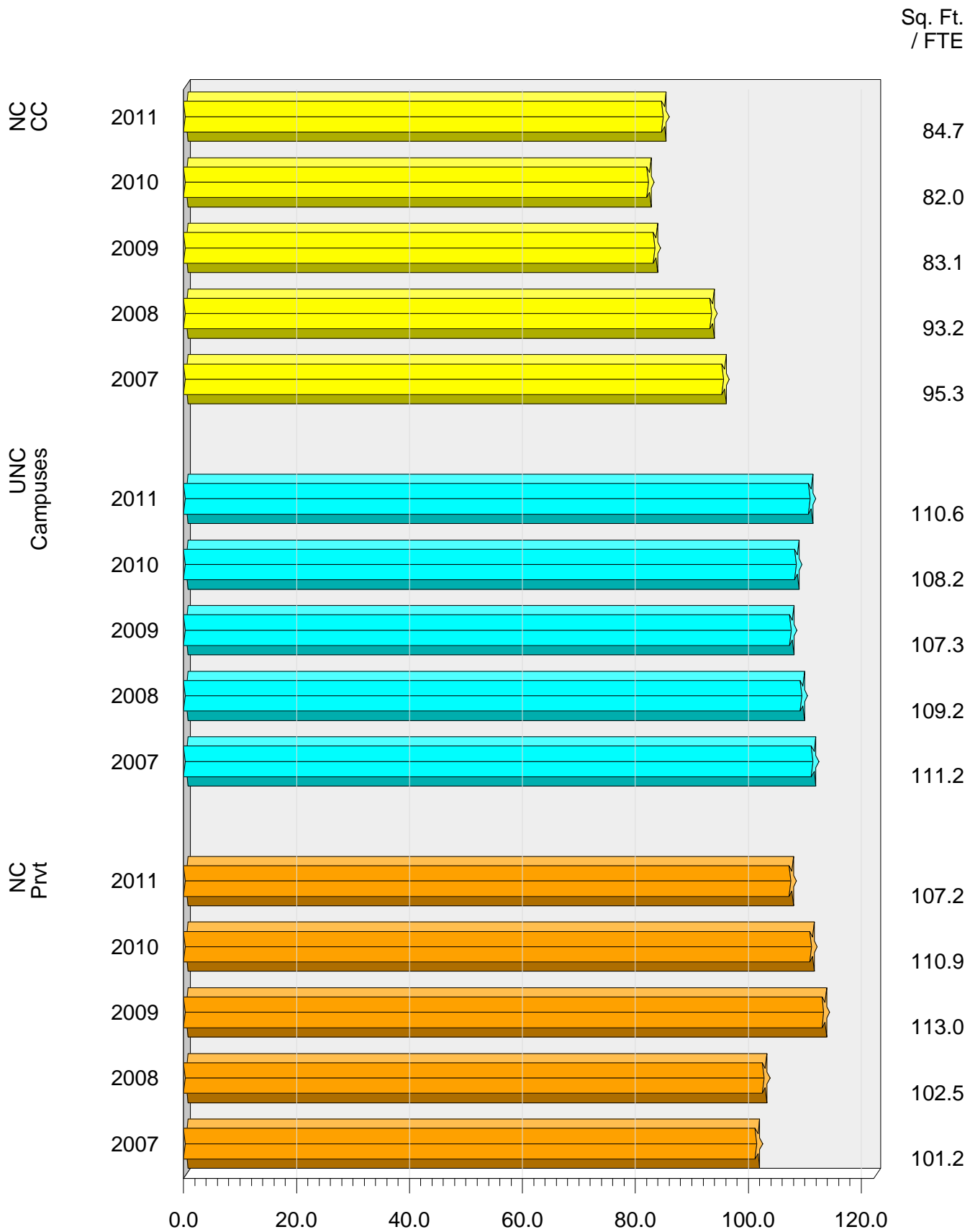


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2011	2010	2009	2008	2007
Public Institutions							
Research Universities I							
NC State	5,598,310	30,638	183	183	180	185	192
NC State Veterinary Med	399,010	312	1,279	1,107	1,086	1,104	1,122
UNC-Chapel Hill	3,446,638	22,167	155	153	154	154	155
UNC-Chapel Hill Health Aff.	2,378,917	4,670	509	510	568	595	503
Subtotal	9,044,948	52,805	171	170	169	172	176
Doctoral Universities I and II							
East Carolina	1,513,817	22,352	68	67	69	66	69
East Carolina Health Aff.	756,738	2,236	338	349	344	338	357
NC A&T	1,547,662	10,063	154	146	144	136	138
UNC Charlotte	1,586,429	22,630	70	67	69	70	72
UNC Greensboro	1,388,882	16,855	82	80	77	81	81
Subtotal	6,036,790	71,900	84	81	81	80	83
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,189,268	16,654	71	69	70	72	75
Fayetteville	446,328	5,199	86	84	76	77	65
NC Central	784,887	7,587	103	91	92	98	91
UNC Pembroke	435,286	5,477	79	72	75	80	83
UNC Wilmington	935,217	12,321	76	77	75	77	75
Western Carolina	785,756	8,343	94	95	95	100	97
Winston-Salem	462,454	5,765	80	78	75	74	83
Subtotal	5,039,196	61,346	82	79	78	81	81
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	397,952	2,772	144	124	116	123	126
UNC Asheville	398,532	3,466	115	121	125	130	130
Subtotal	796,484	6,238	128	122	121	127	128
Schools of Art, Music, and Design							
UNC School of the Arts	447,202	884	506	520	516	507	503
UNC Subtotal	21,364,620	193,173	111	108	107	109	111
Community Colleges							
Alamance	216,405	3,772	57	59	57	71	75
Asheville-Buncombe	416,906	5,888	71	77	82	91	93
Beaufort Co.	150,503	1,346	112	114	120	138	148
Bladen	96,907	1,432	68	60	59	71	111
Blue Ridge	229,746	1,540	149	144	138	176	155
Brunswick	141,109	1,020	138	147	133	139	140
Caldwell	280,604	3,154	89	92	89	103	105
Cape Fear	447,287	6,936	64	62	65	72	70
Carteret	154,075	1,072	144	134	132	152	147
Catawba Valley	310,626	3,272	95	83	83	95	94
Central Carolina	329,665	3,526	93	80	79	94	95
Central Piedmont	1,093,982	10,888	100	99	90	95	100
Cleveland	182,516	2,108	87	77	78	70	72
Coastal Carolina	209,088	2,918	72	67	69	76	81
Coll. of Albemarle	223,990	1,448	155	151	150	180	183
Craven	189,157	1,956	97	94	102	118	99
Davidson County	279,577	3,412	82	78	78	88	93
Durham	319,164	3,094	103	92	91	103	98
Edgecombe	147,765	1,826	81	72	78	112	121
Fayetteville	539,182	8,530	63	67	67	69	74
Forsyth	446,398	7,404	60	63	64	74	75
Gaston	417,819	4,858	86	76	75	85	84
Guilford	730,721	10,462	70	70	77	83	83
Halifax	164,887	1,098	150	140	141	181	200

*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 2011 figures for these programs are: ASF: 233,747; FTE: 774; ASF per FTE: 302. Figures for all other campus programs are: ASF: 1,313,915; FTE: 9,209; ASF per FTE: 143.

***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				
			2011	2010	2009	2008	2007
Haywood	204,843	1,308	157	134	168	172	174
Isothermal	199,953	1,542	130	109	105	138	131
James Sprunt	111,214	1,190	93	99	89	121	121
Johnston	294,552	2,852	103	94	105	91	89
Lenoir	259,103	2,518	103	94	97	110	118
Martin	104,352	712	147	152	157	212	203
Mayland	94,074	826	114	112	125	125	126
McDowell	100,311	1,096	92	77	85	99	120
Mitchell	214,794	2,280	94	88	92	101	110
Montgomery	78,703	642	123	115	117	114	114
Nash	140,631	2,122	66	62	70	78	81
Pamlico	51,918	148	351	295	231	299	195
Piedmont	129,279	1,762	73	64	62	63	64
Pitt	249,942	6,260	40	40	42	45	48
Randolph	227,838	1,760	129	119	132	154	158
Richmond	164,577	1,928	85	94	98	115	117
Roanoke-Chowan	79,931	648	123	135	146	182	173
Robeson	160,123	2,340	68	70	66	81	84
Rockingham	202,615	1,888	107	99	100	120	125
Rowan-Cabarrus	331,750	4,504	74	68	57	70	67
Sampson	117,946	1,150	103	95	97	114	123
Sandhills	239,051	2,740	87	82	82	96	96
South Piedmont	156,856	1,102	142	123	138	156	135
Southeastern	148,603	1,228	121	118	99	109	101
Southwestern	158,251	1,394	114	105	110	115	123
Stanly	129,960	2,376	55	55	55	66	72
Surry	274,905	2,808	98	88	87	90	95
Tri-County	110,276	722	153	141	144	158	146
Vance-Granville	231,068	3,174	73	74	75	98	104
Wake	648,711	10,784	60	63	66	67	72
Wayne	209,698	2,836	74	74	79	89	106
Western Piedmont	240,201	2,128	113	108	103	114	92
Wilkes	222,625	2,286	97	87	86	102	110
Wilson	126,321	946	134	114	115	121	122
Subtotal	14,133,054	166,960	85	82	83	93	95
Private Institutions							
NC Private Universities							
Barton	174,428	1,067	163	168	172	169	170
Campbell	411,965	5,426	76	80	84	70	66
Mars Hill	239,658	1,249	192	210	200	179	184
Pfeiffer	188,522	1,723	109	106	104	105	107
Subtotal	1,014,573	9,465	107	111	113	103	101
Grand Total	36,512,247	369,598	99	96	97	102	104

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

**Agricultural programs at NC A&T require a significant amount of academic space. The 2011 figures for these programs are: ASF: 233,747; FTE: 774; ASF per FTE: 302. Figures for all other campus programs are: ASF: 1,313,915; FTE: 9,209; ASF per FTE: 143.

***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

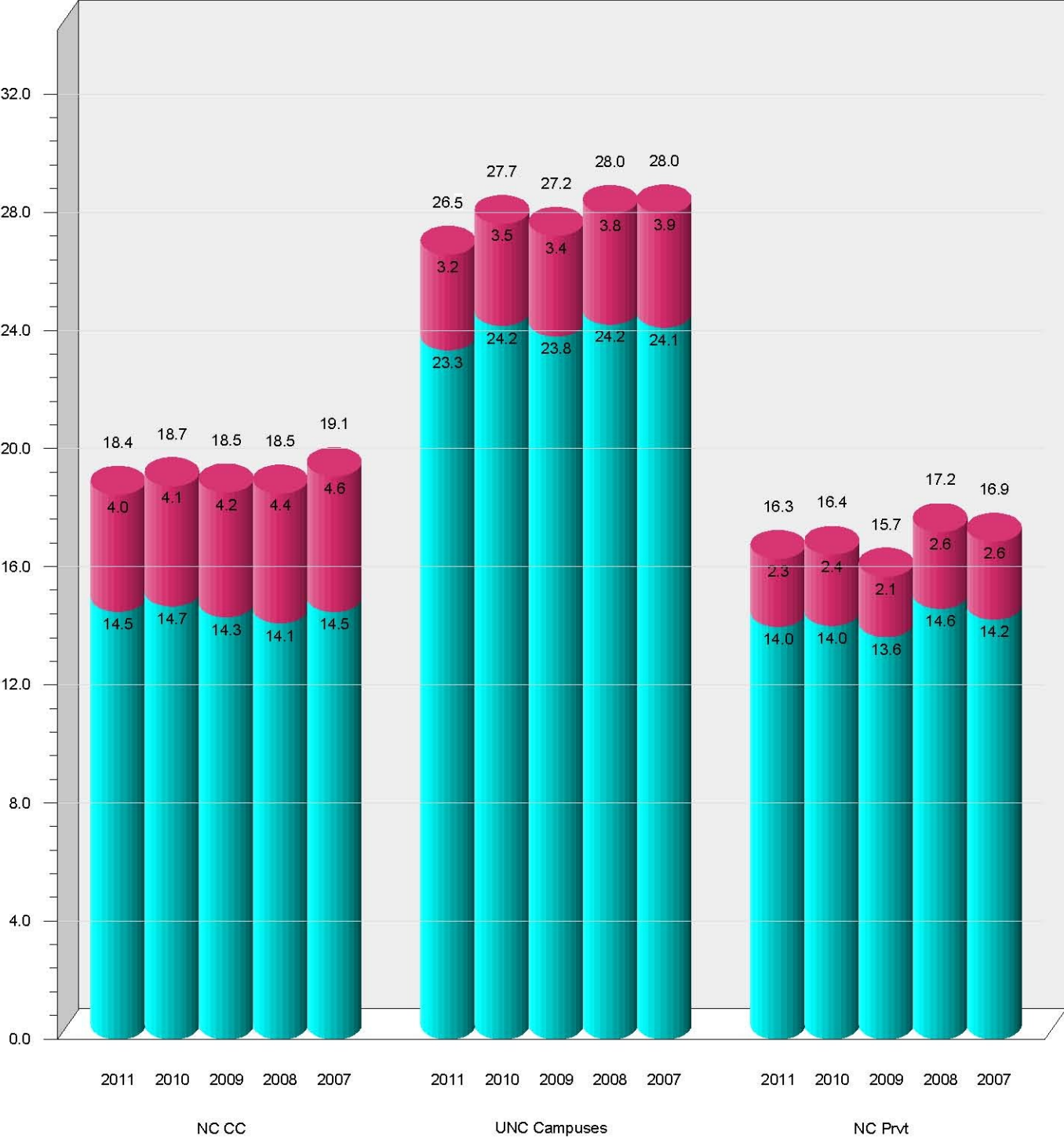


Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2011	2010	2009	2008	2007
Public Institutions								
Research Universities I								
NC State	7,191.0	27.0	2.3	29.3	28.2	28.0	28.7	28.4
UNC-Chapel Hill	7,745.5	22.4	1.6	24.0	24.6	24.7	25.1	26.2
Subtotal	14,936.5	24.4	1.9	26.3	26.2	26.3	26.9	27.3
Doctoral Universities I and II								
East Carolina	5,739.5	25.8	2.1	27.9	28.8	27.9	28.9	25.8
NC A&T	3,689.0	17.5	2.3	19.8	21.5	21.1	24.2	23.7
UNC Charlotte	6,375.5	23.7	7.4	31.1	31.4	29.4	30.2	30.6
UNC Greensboro	4,741.5	27.9	4.6	32.5	36.7	36.5	37.9	40.3
Subtotal	20,545.5	23.5	4.1	27.6	29.2	28.2	29.8	29.2
Master's (Comprehensive) Universities and Colleges I								
Appalachian	5,956.5	27.8	2.6	30.4	32.1	30.9	30.3	28.9
Fayetteville	2,040.5	22.1	6.3	28.4	34.3	33.8	29.2	33.6
NC Central	2,764.5	16.8	3.4	20.2	22.4	22.5	21.9	20.8
UNC Pembroke	2,218.5	21.2	3.5	24.7	28.3	28.2	29.3	30.5
UNC Wilmington	4,369.5	25.2	3.7	28.9	29.2	31.4	34.5	37.6
Western Carolina	2,933.0	26.0	2.2	28.2	29.0	26.8	29.1	29.7
Winston-Salem	2,637.5	26.0	5.4	31.4	30.4	28.6	28.3	24.0
Subtotal	22,920.0	23.9	3.6	27.5	29.1	28.7	29.0	29.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,082.0	13.4	2.0	15.4	16.4	16.0	15.9	17.6
UNC Asheville	1,799.0	24.9	4.1	29.0	30.2	30.8	30.2	30.7
Subtotal	2,881.0	18.8	3.0	21.8	23.0	23.1	22.4	23.4
Schools of Art, Music, and Design								
UNC School of the Arts	601.5	11.0	0.6	11.6	10.2	11.2	11.0	11.9
Subtotal	601.5	11.0	0.6	11.6	10.2	11.2	11.0	11.9
Community Colleges								
Alamance	1,948.0	15.0	4.5	19.5	20.1	17.4	21.4	22.8
Asheville-Buncombe	2,101.5	14.6	3.6	18.2	20.8	20.7	19.5	19.9
Beaufort Co.	736.5	12.1	3.0	15.1	16.0	13.4	14.5	12.9
Bladen	740.0	14.0	4.5	18.5	19.3	17.5	15.9	20.3
Blue Ridge	1,191.5	11.3	4.6	15.9	14.9	16.4	15.1	18.2
Brunswick	1,303.5	17.5	2.8	20.3	15.9	16.8	19.9	16.6
Caldwell	1,791.5	13.8	3.5	17.3	18.3	16.2	17.1	17.4
Cape Fear	3,425.0	19.7	6.5	26.2	27.6	27.3	28.0	25.7
Carteret	894.0	10.0	4.1	14.1	15.4	13.4	14.4	15.1
Catawba Valley	1,730.5	16.4	4.2	20.6	21.0	24.6	24.7	25.2
Central Carolina	2,484.5	10.8	3.6	14.4	13.4	15.0	12.3	13.8
Central Piedmont	7,059.0	13.6	4.2	17.8	18.6	20.1	19.6	18.1
Cleveland	1,274.0	14.7	5.2	19.9	22.4	21.4	22.2	26.3
Coastal Carolina	1,990.5	17.5	4.6	22.1	21.3	19.9	20.5	19.5
Coll. of Albemarle	1,086.5	12.9	3.1	16.0	13.3	11.9	13.8	12.3
Craven	1,310.5	12.8	3.6	16.4	17.7	12.3	13.8	16.9
Davidson County	1,353.0	12.6	1.7	14.3	15.0	15.0	14.7	18.0
Durham	2,062.0	12.8	4.6	17.4	18.6	20.8	19.0	21.1
Edgecombe	1,298.5	16.1	3.9	20.0	19.1	15.9	15.3	14.3
Fayetteville	3,812.5	14.7	3.7	18.4	18.1	18.7	20.2	22.5
Forsyth	3,476.5	17.5	5.8	23.3	23.8	22.8	20.1	19.2
Gaston	2,202.0	12.1	4.4	16.5	19.4	16.8	17.4	20.9
Guilford	5,474.0	16.3	4.5	20.8	22.3	20.1	20.5	18.6
Halifax	726.5	13.0	2.5	15.5	15.2	14.2	13.1	12.6

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2011	2010	2009	2008	2007
Haywood	609.0	11.2	1.7	12.9	15.9	13.5	17.5	16.3
Isothermal	652.5	10.4	1.9	12.3	13.0	14.0	13.5	15.8
James Sprunt	637.0	11.4	3.4	14.8	16.7	16.6	15.6	19.6
Johnston	1,824.5	13.0	3.0	16.0	14.8	12.8	11.7	17.1
Lenoir	1,516.5	12.2	2.2	14.4	13.4	14.7	15.2	14.3
Martin	547.5	14.8	4.7	19.5	16.3	13.8	12.9	10.8
Mayland	678.5	11.9	3.5	15.4	16.1	15.9	14.9	12.2
McDowell	474.0	8.7	4.4	13.1	8.8	9.3	11.8	12.2
Mitchell	1,582.5	12.0	3.3	15.3	17.4	15.8	15.3	18.4
Montgomery	485.5	13.4	5.3	18.7	17.9	17.4	20.4	15.5
Nash	1,355.0	18.5	5.3	23.8	21.6	22.8	22.2	20.7
Pamlico	223.5	8.7	1.9	10.6	12.7	13.2	12.6	18.6
Piedmont	929.5	14.2	3.6	17.8	20.6	22.0	21.8	21.8
Pitt	2,599.5	26.7	7.1	33.8	33.7	33.5	31.1	32.3
Randolph	1,404.5	13.0	3.4	16.4	19.4	18.2	18.8	20.5
Richmond	869.0	11.2	3.8	15.0	14.9	18.9	18.2	14.8
Roanoke-Chowan	375.0	8.3	3.1	11.4	14.6	15.5	14.2	15.3
Robeson	1,032.0	17.3	3.8	21.1	23.7	25.0	23.6	24.4
Rockingham	933.0	16.4	3.1	19.5	20.2	18.7	19.6	17.0
Rowan-Cabarrus	2,740.5	18.2	7.0	25.2	21.5	26.5	22.2	23.6
Sampson	749.5	13.4	4.4	17.8	18.2	16.4	16.3	16.4
Sandhills	1,725.0	16.8	3.3	20.1	17.5	18.9	19.1	21.4
South Piedmont	803.5	11.3	3.1	14.4	18.6	19.5	18.4	22.8
Southeastern	688.5	12.4	1.9	14.3	11.5	12.2	15.4	17.1
Southwestern	1,017.5	16.4	1.8	18.2	19.1	19.8	19.7	18.0
Stanly	981.5	13.7	3.5	17.2	14.2	18.0	20.0	21.6
Surry	1,433.5	13.0	2.5	15.5	17.8	16.3	17.0	21.7
Tri-County	550.0	9.5	3.0	12.5	12.6	10.8	16.2	17.8
Vance-Granville	1,399.0	13.9	4.3	18.2	16.0	16.5	16.4	18.0
Wake	4,890.5	19.4	4.7	24.1	22.7	22.8	23.5	22.4
Wayne	1,079.5	14.9	2.8	17.7	15.1	15.1	15.3	16.5
Western Piedmont	1,410.0	19.5	4.0	23.5	24.0	22.5	23.5	22.8
Wilkes	1,632.5	14.3	3.5	17.8	19.3	19.1	17.8	19.0
Wilson	697.5	9.5	3.4	12.9	14.2	17.2	16.4	18.6
Subtotal	91,999.0	14.5	4.0	18.5	18.7	18.5	18.5	19.1
Private Institutions								
NC Private Universities								
Barton	655.5	14.9	1.5	16.4	17.1	16.2	16.4	16.0
Campbell	1,694.5	16.3	2.4	18.7	18.8	17.7	20.0	19.4
Mars Hill	784.0	12.7	2.1	14.8	13.8	14.5	15.8	15.3
Pfeiffer	657.0	10.3	3.1	13.4	14.4	12.9	14.4	15.0
Subtotal	3,791.0	14.0	2.3	16.3	16.4	15.7	17.2	16.9
Grand Total	157,674.5	17.2	3.7	20.9	21.4	21.1	21.5	21.8

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

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

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 20.

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



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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2011	2010	2009	2008	2007
Public Institutions								
Research Universities I								
NC State	3,241.5	11.5	1.0	12.5	12.6	13.1	9.8	9.7
UNC-Chapel Hill	1,164.5	8.0	1.3	9.3	9.5	9.5	11.9	12.1
Subtotal	4,406.0	10.3	1.1	11.4	11.6	12.0	10.4	10.2
Doctoral Universities I and II								
East Carolina	2,170.0	12.8	1.6	14.4	16.2	16.0	14.7	13.9
NC A&T	1,112.5	4.8	0.5	5.3	6.2	5.9	6.7	5.0
UNC Charlotte	2,598.5	13.9	2.8	16.7	16.3	15.2	15.3	16.4
UNC Greensboro	1,365.0	14.9	1.8	16.7	16.8	17.9	20.2	19.5
Subtotal	7,246.0	10.6	1.6	12.2	12.8	12.8	13.2	12.4
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,286.0	17.6	1.9	19.5	21.9	20.8	20.7	19.5
Fayetteville	593.5	12.5	2.0	14.5	17.6	20.2	12.8	16.4
NC Central	846.5	11.2	1.6	12.8	13.2	12.5	10.8	11.8
UNC Pembroke	545.5	14.2	1.0	15.2	14.9	15.9	15.2	15.1
UNC Wilmington	1,583.0	15.8	2.8	18.6	18.5	19.6	22.6	22.5
Western Carolina	974.5	13.9	1.3	15.2	16.0	9.0	9.1	9.6
Winston-Salem	777.5	11.3	1.9	13.2	13.6	11.5	13.1	11.6
Subtotal	7,606.5	14.4	1.9	16.3	17.2	15.2	15.0	15.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	555.5	7.2	1.3	8.5	9.3	10.0	10.2	11.2
UNC Asheville	580.5	13.1	1.0	14.1	13.9	13.4	15.4	17.9
Subtotal	1,136.0	9.5	1.2	10.7	11.1	11.4	12.3	13.7
Schools of Art, Music, and Design								
UNC School of the Arts	806.0	10.2	2.0	12.2	15.2	14.6	14.3	15.4
Subtotal	806.0	10.2	2.0	12.2	15.2	14.6	14.3	15.4
Community Colleges								
Alamance	958.0	14.4	3.0	17.4	19.3	17.5	15.9	20.5
Asheville-Buncombe	1,844.0	13.1	3.2	16.3	16.2	18.5	18.6	18.3
Beaufort Co.	485.0	12.2	2.5	14.7	16.1	14.4	14.4	15.8
Bladen	284.5	8.7	3.7	12.4	20.1	14.3	19.2	20.6
Blue Ridge	664.5	10.2	2.4	12.6	11.2	13.6	11.6	14.2
Brunswick	284.5	12.3	3.5	15.8	17.7	16.9	16.7	11.8
Caldwell	706.5	9.2	2.3	11.5	14.0	14.3	14.0	14.5
Cape Fear	2,481.0	19.7	4.1	23.8	22.0	21.5	22.1	22.9
Carteret	422.0	6.4	2.8	9.2	10.0	9.6	9.5	10.8
Catawba Valley	1,487.0	12.0	3.3	15.3	17.7	17.4	17.0	17.8
Central Carolina	967.0	8.3	1.9	10.2	11.2	12.8	12.9	12.2
Central Piedmont	1,844.5	9.8	3.0	12.8	13.5	14.7	13.0	13.9
Cleveland	923.0	9.9	4.1	14.0	14.4	14.6	18.2	18.5
Coastal Carolina	1,221.5	19.3	2.1	21.4	20.5	18.5	18.4	20.0
Coll. of Albemarle	704.5	10.9	1.5	12.4	9.9	9.6	10.0	10.9
Craven	546.5	9.0	3.2	12.2	12.5	11.5	10.5	13.3
Davidson County	778.5	10.5	2.5	13.0	13.3	14.4	10.7	14.0
Durham	1,085.5	10.4	3.7	14.1	13.5	12.9	15.4	14.6
Edgecombe	699.5	12.4	4.7	17.1	16.2	14.8	15.7	17.6
Fayetteville	1,969.5	11.4	2.5	13.9	13.3	14.2	14.0	15.9
Forsyth	2,092.5	15.4	4.7	20.1	19.2	17.4	16.2	15.8
Gaston	903.0	10.2	3.9	14.1	15.4	14.1	14.9	15.5
Guilford	1,926.0	9.3	2.4	11.7	10.5	10.5	13.9	12.8
Halifax	433.5	12.9	2.0	14.9	15.4	13.3	13.1	16.2

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2011	2010	2009	2008	2007
Haywood	869.0	9.7	1.7	11.4	12.8	15.3	17.2	18.6
Isothermal	709.0	12.3	3.1	15.4	17.8	17.7	16.4	16.8
James Sprunt	321.0	11.9	2.0	13.9	14.0	13.2	13.3	11.3
Johnston	691.0	10.6	2.2	12.8	13.0	11.4	11.4	12.2
Lenoir	636.0	9.2	2.2	11.4	11.3	11.0	15.5	14.3
Martin	416.5	13.5	3.2	16.7	16.6	13.0	9.4	10.9
Mayland	174.0	7.9	2.3	10.2	12.9	15.5	15.8	17.0
McDowell	488.5	13.4	7.0	20.4	23.7	20.3	18.7	23.1
Mitchell	612.5	11.6	3.4	15.0	11.8	11.5	12.4	11.6
Montgomery	377.0	14.5	5.4	19.9	19.6	20.5	22.4	15.9
Nash	652.0	14.8	4.4	19.2	20.3	18.5	19.7	14.0
Pamlico	133.5	7.2	2.3	9.5	12.3	13.1	12.4	14.8
Piedmont	653.0	17.8	5.5	23.3	21.8	23.0	21.4	21.6
Pitt	1,657.0	16.3	3.7	20.0	17.8	20.0	22.2	20.7
Randolph	469.0	7.9	1.7	9.6	13.7	13.2	14.5	16.0
Richmond	613.5	11.0	4.8	15.8	16.4	13.6	12.0	12.4
Roanoke-Chowan	310.5	11.7	4.7	16.4	16.0	16.2	13.1	16.8
Robeson	824.0	14.5	3.4	17.9	19.9	19.7	20.3	19.3
Rockingham	546.0	8.6	3.1	11.7	11.9	9.7	15.0	15.8
Rowan-Cabarrus	1,583.0	15.0	5.5	20.5	24.2	23.8	25.6	23.4
Sampson	270.5	8.2	2.2	10.4	14.4	12.0	12.1	11.5
Sandhills	686.0	10.5	1.8	12.3	12.2	12.8	13.0	12.3
South Piedmont	621.0	12.2	2.9	15.1	16.4	16.5	14.5	18.9
Southeastern	427.0	11.7	1.3	13.0	12.3	14.6	13.3	12.7
Southwestern	600.0	12.5	2.9	15.4	16.2	17.5	18.4	16.4
Stanly	392.5	10.9	2.6	13.5	20.0	18.1	18.0	20.1
Surry	787.5	11.8	2.3	14.1	15.8	13.4	15.5	16.6
Tri-County	506.0	11.3	5.0	16.3	18.5	16.4	16.0	19.0
Vance-Granville	833.5	11.0	2.6	13.6	17.0	16.7	15.0	18.7
Wake	3,077.0	15.6	4.1	19.7	19.8	18.1	20.3	16.4
Wayne	798.5	14.3	1.9	16.2	15.8	18.2	20.2	22.4
Western Piedmont	828.0	13.2	3.1	16.3	15.6	13.3	15.8	15.1
Wilkes	699.5	12.5	2.4	14.9	13.2	14.9	13.0	14.7
Wilson	463.5	9.6	4.0	13.6	16.8	15.6	15.7	18.3
Subtotal	49,438.5	12.0	3.1	15.1	15.6	15.4	15.8	16.2
Private Institutions								
NC Private Universities								
Barton	235.0	11.2	0.6	11.8	11.5	10.1	10.9	9.5
Campbell	415.0	10.2	2.3	12.5	10.1	13.0	16.6	17.8
Mars Hill	240.0	8.4	0.5	8.9	9.4	8.7	13.3	9.2
Pfeiffer	131.0	5.8	0.2	6.0	5.7	5.1	6.0	7.4
Subtotal	1,021.0	9.0	1.0	10.0	9.1	9.3	11.6	10.8
Grand Total	71,660.0	11.8	2.6	14.4	14.9	14.6	14.7	14.9

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

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

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

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 22.75 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 35 hours (see Table 3) and that there is 65% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

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

Average Weekly Room Use of Student Stations In Classrooms

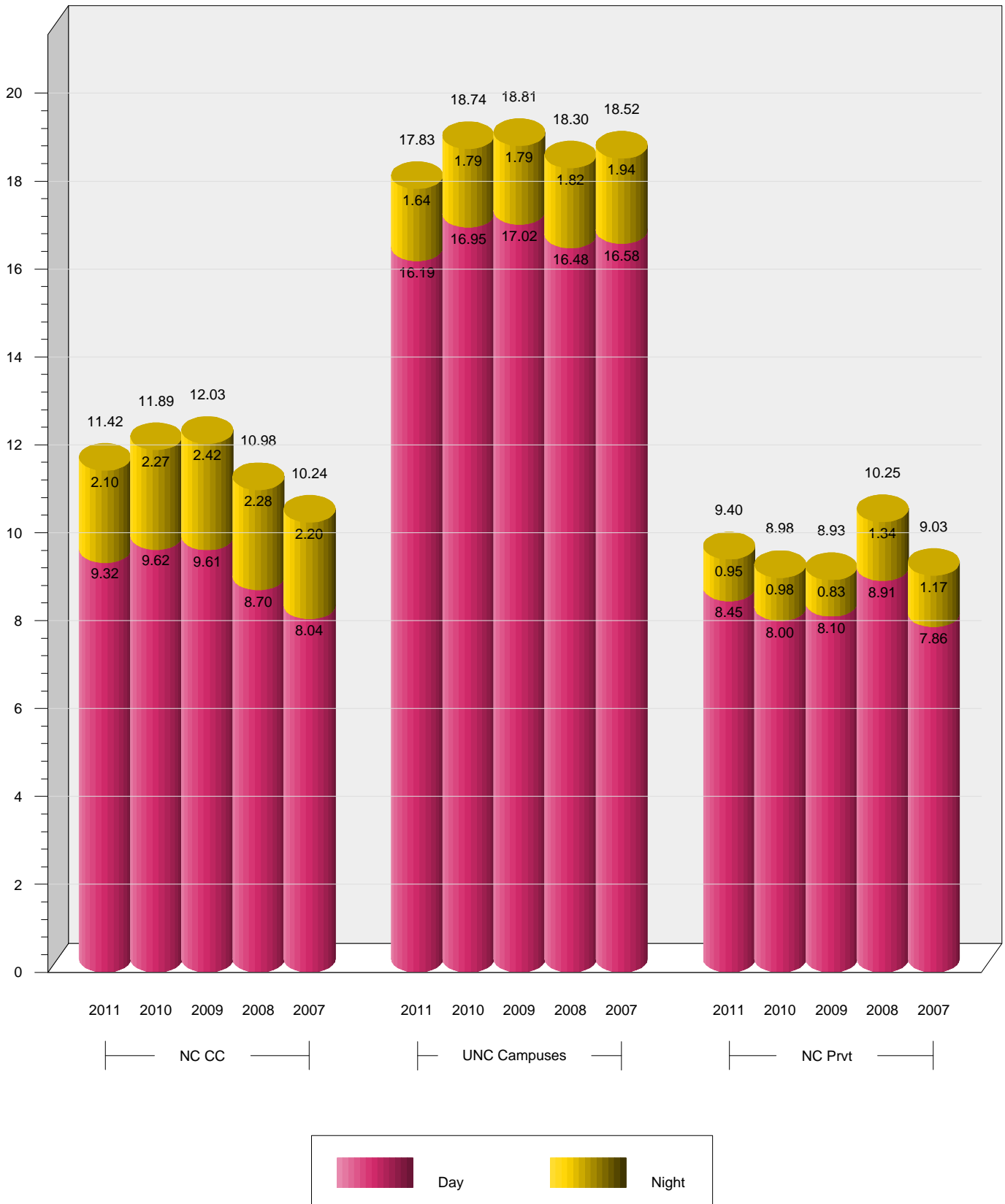


Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2011	2010	2009	2008	2007
Public Institutions									
Research Universities I									
NC State	14,941	308,108	19.4	1.2	20.6	20.2	19.8	19.7	19.2
UNC-Chapel Hill	15,865	266,436	15.9	0.9	16.8	17.1	17.6	16.8	18.0
Subtotal	30,806	574,544	17.6	1.1	18.7	18.6	18.7	18.3	18.6
Doctoral Universities I and II									
East Carolina	10,453	209,786	19.1	1.0	20.1	20.1	19.6	18.9	17.6
NC A&T	8,154	101,750	11.2	1.3	12.5	13.8	13.2	15.3	14.7
UNC Charlotte	11,861	236,602	16.4	3.6	20.0	23.0	22.3	20.4	21.2
UNC Greensboro	8,591	167,752	17.5	2.0	19.5	22.3	22.7	22.2	23.6
Subtotal	39,059	715,889	16.3	2.1	18.4	20.2	19.8	19.4	19.3
Master's (Comprehensive) Universities and Colleges I									
Appalachian	8,082	179,927	20.8	1.4	22.2	22.5	22.2	21.6	20.0
Fayetteville	2,788	45,252	13.3	2.9	16.2	18.8	19.9	16.3	22.2
NC Central	6,029	69,807	10.1	1.5	11.6	12.5	13.8	13.3	13.8
UNC Pembroke	3,456	50,620	13.2	1.5	14.7	17.3	16.8	16.0	16.2
UNC Wilmington	7,034	137,166	17.4	2.1	19.5	20.0	22.9	23.5	24.4
Western Carolina	4,072	81,250	18.7	1.3	20.0	19.7	18.8	18.6	21.7
Winston-Salem	3,581	55,141	13.3	2.1	15.4	15.2	16.0	15.5	13.4
Subtotal	35,042	619,161	15.9	1.8	17.7	18.4	19.0	18.3	18.9
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	2,894	24,211	7.6	0.8	8.4	10.0	9.8	8.9	8.8
UNC Asheville	2,117	38,598	16.2	2.1	18.3	18.9	18.7	18.0	18.7
Subtotal	5,011	62,808	11.2	1.3	12.5	13.8	13.6	12.5	12.7
Schools of Art, Music, and Design									
UNC School of the Arts	1,181	8,841	7.3	0.2	7.5	7.1	7.9	7.3	7.8
Subtotal	1,181	8,841	7.3	0.2	7.5	7.1	7.9	7.3	7.8
Community Colleges									
Alamance	3,102	38,479	9.8	2.6	12.4	13.9	12.1	13.2	12.1
Asheville-Buncombe	3,303	41,100	10.3	2.1	12.4	12.8	13.1	11.1	11.8
Beaufort Co.	1,861	13,966	6.1	1.4	7.5	7.2	6.9	7.2	6.3
Bladen	1,094	10,839	7.8	2.1	9.9	12.0	12.0	8.2	8.3
Blue Ridge	1,955	16,734	6.4	2.2	8.6	8.1	9.6	7.4	8.8
Brunswick	1,970	17,861	8.0	1.0	9.0	7.4	8.4	9.1	7.8
Caldwell	3,066	35,584	9.6	2.0	11.6	12.2	11.7	10.7	9.1
Cape Fear	3,970	68,944	13.8	3.5	17.3	17.7	17.4	17.7	14.2
Carteret	1,529	11,882	5.9	1.9	7.8	10.2	8.7	8.5	7.9
Catawba Valley	2,618	31,443	10.0	2.0	12.0	13.9	16.2	13.9	13.7
Central Carolina	4,948	47,188	7.6	1.9	9.5	8.2	9.2	6.5	6.9
Central Piedmont	12,134	151,181	9.7	2.8	12.5	12.9	14.3	13.5	12.0
Cleveland	2,004	18,773	7.5	1.9	9.4	10.8	11.3	8.8	10.7
Coastal Carolina	2,748	36,293	11.1	2.1	13.2	12.0	13.6	10.9	10.6
Coll. of Albemarle	1,807	17,740	8.1	1.8	9.9	10.2	9.4	9.1	8.1
Craven	1,765	24,168	10.9	2.8	13.7	12.3	8.3	8.2	7.4
Davidson County	2,945	30,516	9.4	0.9	10.3	10.3	9.1	8.9	10.6
Durham	3,966	43,884	8.5	2.6	11.1	12.5	13.6	11.6	11.6
Edgecombe	1,726	20,905	10.2	2.0	12.2	13.6	11.6	8.6	6.7
Fayetteville	8,937	70,418	6.4	1.5	7.9	7.9	8.9	8.7	8.0
Forsyth	4,376	71,631	13.0	3.4	16.4	15.2	15.4	12.0	9.7
Gaston	4,539	45,485	7.8	2.2	10.0	11.5	10.3	10.5	12.4
Guilford	7,831	118,281	12.4	2.8	15.2	18.0	17.4	17.3	13.9

Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2011	2010	2009	2008	2007
Halifax	1,279	12,166	8.2	1.3	9.5	10.7	10.3	8.0	5.3
Haywood	1,405	9,276	5.8	0.8	6.6	8.5	8.0	9.2	7.4
Isothermal	1,829	12,113	5.7	0.9	6.6	8.0	9.5	7.7	7.2
James Sprunt	1,200	10,160	7.1	1.3	8.4	9.5	8.8	6.9	7.3
Johnston	3,475	37,644	9.1	1.7	10.8	10.9	8.9	7.6	10.3
Lenoir	2,893	25,401	7.7	1.1	8.8	9.5	9.7	8.7	7.1
Martin	759	7,453	8.1	1.7	9.8	7.4	5.8	6.3	3.5
Mayland	1,154	9,941	6.5	2.1	8.6	8.3	10.0	7.9	6.2
McDowell	1,095	7,230	5.0	1.6	6.6	4.7	5.4	5.7	4.4
Mitchell	3,054	32,480	8.6	2.0	10.6	12.0	11.5	10.3	10.9
Montgomery	777	5,884	5.6	1.9	7.5	7.4	8.1	9.4	5.5
Nash	1,913	24,752	10.5	2.4	12.9	10.7	12.5	11.3	9.8
Pamlico	483	2,014	3.4	0.7	4.1	6.1	6.3	6.1	7.1
Piedmont	1,279	12,175	7.6	1.9	9.5	11.6	12.3	12.0	13.2
Pitt	2,430	58,261	19.4	4.6	24.0	23.9	24.8	23.1	22.2
Randolph	2,420	25,460	8.3	2.2	10.5	11.9	10.8	10.3	9.4
Richmond	1,940	19,639	8.3	1.8	10.1	9.8	10.1	11.8	6.6
Roanoke-Chowan	890	5,430	4.8	1.3	6.1	7.9	7.0	7.0	6.3
Robeson	1,597	23,595	12.3	2.5	14.8	16.9	18.0	15.5	16.4
Rockingham	1,655	19,545	10.2	1.6	11.8	13.3	13.4	11.2	8.6
Rowan-Cabarrus	3,390	51,337	11.5	3.7	15.2	14.9	18.7	12.4	13.5
Sampson	1,382	15,639	8.6	2.7	11.3	11.8	11.1	9.8	8.3
Sandhills	3,115	37,261	10.6	1.4	12.0	10.7	11.5	10.6	11.9
South Piedmont	1,471	11,885	6.4	1.7	8.1	14.2	15.2	13.4	14.5
Southeastern	2,042	12,382	5.5	0.5	6.0	5.6	6.5	6.9	6.1
Southwestern	1,270	13,964	10.2	0.7	10.9	12.6	13.6	11.2	9.0
Stanly	2,082	17,617	7.1	1.4	8.5	7.3	9.0	9.7	9.2
Surry	2,857	26,920	8.0	1.4	9.4	11.3	11.4	10.8	12.1
Tri-County	1,061	6,561	4.9	1.3	6.2	6.5	5.9	7.9	5.5
Vance-Granville	2,499	25,628	8.4	1.8	10.2	9.2	10.3	9.3	9.7
Wake	6,968	119,771	14.3	2.9	17.2	15.8	15.4	14.9	12.0
Wayne	1,939	20,425	9.3	1.2	10.5	10.4	10.1	9.3	10.2
Western Piedmont	1,906	25,548	11.7	1.7	13.4	14.5	13.1	13.4	11.0
Wilkes	2,951	24,058	7.0	1.1	8.1	9.7	9.8	8.1	7.2
Wilson	1,806	10,144	4.3	1.3	5.6	6.9	7.4	7.7	9.5
Subtotal	154,460	1,763,043	9.3	2.1	11.4	11.9	12.0	11.0	10.2
Private Institutions									
NC Private Universities									
Barton	1,678	11,641	6.3	0.6	6.9	6.8	6.8	6.8	7.1
Campbell	4,607	52,694	10.5	1.0	11.5	11.4	11.2	12.4	11.2
Mars Hill	1,614	13,196	7.4	0.8	8.2	7.3	7.7	8.8	8.6
Pfeiffer	1,548	11,257	5.8	1.4	7.2	6.5	6.1	9.6	6.5
Subtotal	9,447	88,788	8.5	0.9	9.4	9.0	8.9	10.2	9.0
Grand Total	275,006	3,833,072	12.1	1.9	14.0	14.5	14.6	14.0	13.6

TABLE 6:

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

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

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for a discussion of what the term class laboratory includes and page 20 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 15 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 75% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

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

Average Weekly Room Use of Student Stations In Laboratories

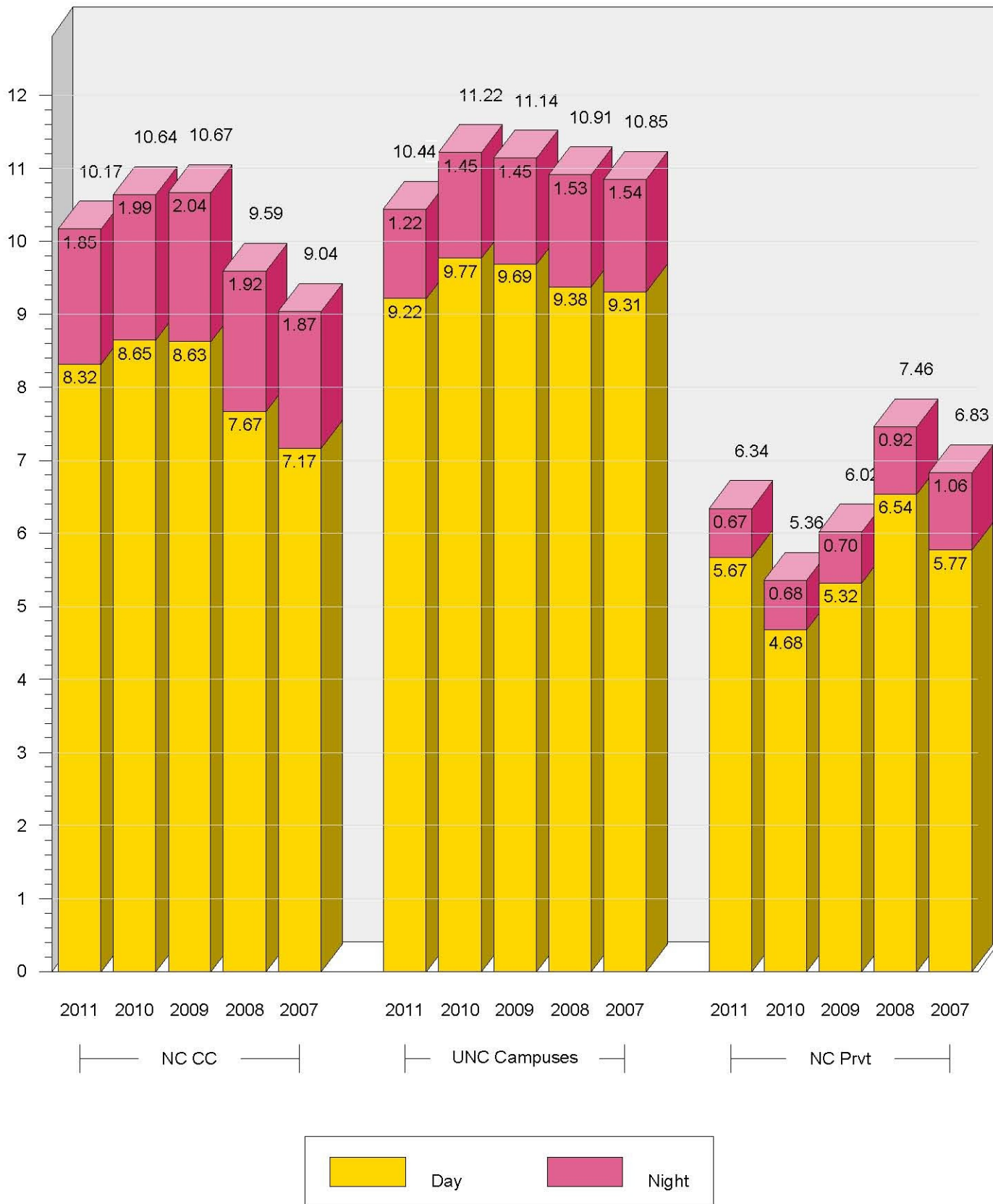


Table 6. Average Weekly Use of Student Stations in Class Laboratories

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2011	2010	2009	2008	2007
Public Institutions									
Research Universities I									
NC State	6,372	72,499	10.5	0.8	11.3	12.3	12.3	10.9	10.7
UNC-Chapel Hill	2,545	20,761	6.8	1.3	8.1	8.6	8.4	10.3	9.6
Subtotal	8,917	93,260	9.5	1.0	10.5	11.2	11.2	10.8	10.5
Doctoral Universities I and II									
East Carolina	3,820	38,923	9.0	1.2	10.2	11.0	11.1	10.1	10.4
NC A&T	4,040	19,819	4.4	0.5	4.9	5.6	5.1	5.9	4.2
UNC Charlotte	4,099	47,425	9.7	1.8	11.5	12.9	12.6	11.5	13.8
UNC Greensboro	2,141	26,317	11.1	1.2	12.3	12.0	13.1	13.7	13.6
Subtotal	14,100	132,483	8.2	1.2	9.4	10.2	10.3	10.2	10.1
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,588	43,072	14.7	1.9	16.6	18.2	17.8	17.8	16.2
Fayetteville	1,241	11,820	7.8	1.8	9.6	10.0	10.0	8.5	12.7
NC Central	1,467	17,550	10.8	1.1	11.9	12.0	11.6	9.7	11.1
UNC Pembroke	607	6,678	10.3	0.7	11.0	12.5	13.9	11.1	11.3
UNC Wilmington	2,081	30,322	12.6	2.0	14.6	15.3	16.3	17.5	17.1
Western Carolina	1,713	20,698	11.0	1.1	12.1	12.0	9.1	8.3	9.2
Winston-Salem	1,500	11,906	7.0	1.0	8.0	9.3	8.8	9.4	8.2
Subtotal	11,197	142,045	11.2	1.5	12.7	13.4	12.7	12.2	12.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,452	9,111	5.3	1.0	6.3	7.1	8.0	7.6	7.2
UNC Asheville	863	8,936	9.7	0.7	10.4	10.2	9.9	11.7	13.0
Subtotal	2,315	18,047	6.9	0.9	7.8	8.3	8.7	9.1	9.3
Schools of Art, Music, and Design									
UNC School of the Arts	1,606	12,356	6.2	1.5	7.7	10.3	10.3	11.4	10.5
Subtotal	1,606	12,356	6.2	1.5	7.7	10.3	10.3	11.4	10.5
Community Colleges									
Alamance	1,331	14,503	9.3	1.6	10.9	13.5	13.4	10.9	12.5
Asheville-Buncombe	2,988	30,397	8.3	1.9	10.2	9.3	10.9	9.6	10.3
Beaufort Co.	1,202	7,153	4.9	1.0	5.9	6.3	6.8	7.1	7.0
Bladen	522	4,381	6.6	1.8	8.4	14.2	10.2	12.0	12.5
Blue Ridge	1,183	7,429	4.9	1.4	6.3	5.6	8.6	6.2	6.7
Brunswick	406	4,368	9.3	1.4	10.7	10.7	11.5	11.4	7.4
Caldwell	1,273	11,372	7.3	1.6	8.9	11.0	13.5	9.6	8.8
Cape Fear	2,588	44,446	14.4	2.8	17.2	15.9	16.3	15.7	14.1
Carteret	1,050	7,324	5.4	1.6	7.0	7.0	6.7	6.1	5.4
Catawba Valley	2,000	21,035	8.9	1.7	10.6	13.1	12.6	9.8	10.4
Central Carolina	2,295	14,175	5.3	0.9	6.2	7.1	8.3	6.0	5.9
Central Piedmont	3,298	29,060	6.6	2.3	8.9	8.9	10.4	8.9	9.5
Cleveland	1,434	13,734	7.5	2.0	9.5	10.7	9.9	8.2	8.5
Coastal Carolina	1,487	19,953	12.5	1.0	13.5	10.9	11.5	9.5	9.7
Coll. of Albemarle	1,072	9,117	7.5	1.0	8.5	7.4	7.3	6.4	7.3
Craven	1,027	8,111	5.9	2.0	7.9	9.1	7.9	5.9	5.8
Davidson County	1,584	13,550	7.2	1.3	8.5	9.3	10.3	6.5	7.7
Durham	1,758	16,333	6.9	2.4	9.3	9.3	8.5	9.3	8.2
Edgecombe	858	11,742	11.2	2.5	13.7	14.7	13.8	10.3	8.5
Fayetteville	3,665	30,776	7.0	1.4	8.4	8.2	8.5	7.3	8.1
Forsyth	2,301	34,508	11.8	3.2	15.0	13.6	12.4	10.5	8.6
Gaston	1,757	15,529	6.8	2.1	8.9	9.3	10.5	9.0	8.7
Guilford	3,553	34,646	7.9	1.9	9.8	9.2	9.3	11.4	9.4

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				
					2011	2010	2009	2008	2007
Halifax	598	5,774	8.5	1.2	9.7	11.2	11.3	8.5	8.0
Haywood	1,323	12,056	7.7	1.4	9.1	10.1	10.4	9.0	8.1
Isothermal	1,043	12,348	9.7	2.1	11.8	14.4	14.7	11.3	12.6
James Sprunt	525	4,422	7.5	0.9	8.4	7.9	8.3	6.2	5.8
Johnston	1,350	11,681	7.4	1.2	8.6	9.0	7.7	5.7	6.3
Lenoir	1,367	10,080	6.3	1.1	7.4	8.1	8.8	9.8	7.5
Martin	578	5,682	8.8	1.0	9.8	8.7	7.1	4.0	3.8
Mayland	387	2,685	5.5	1.4	6.9	9.7	10.0	9.0	8.7
McDowell	648	7,398	7.6	3.8	11.4	11.8	11.1	8.2	8.3
Mitchell	978	9,717	8.0	2.0	10.0	8.9	7.8	7.3	7.1
Montgomery	352	3,578	7.8	2.3	10.1	11.2	11.3	12.0	8.4
Nash	750	8,345	9.0	2.1	11.1	11.2	10.5	9.6	5.6
Pamlico	257	1,321	4.4	0.7	5.1	5.7	6.0	5.0	4.8
Piedmont	772	9,255	9.9	2.1	12.0	14.3	13.5	12.5	12.0
Pitt	1,460	25,472	14.4	3.0	17.4	16.1	17.4	17.2	15.2
Randolph	1,167	6,390	4.8	0.7	5.5	7.5	9.5	9.2	8.4
Richmond	837	9,739	8.5	3.1	11.6	12.2	8.6	7.3	6.0
Roanoke-Chowan	468	4,487	7.5	2.1	9.6	7.8	7.7	5.2	6.0
Robeson	1,255	17,451	11.7	2.2	13.9	12.8	12.8	11.4	10.3
Rockingham	1,205	8,597	5.3	1.8	7.1	6.8	6.8	6.4	5.5
Rowan-Cabarrus	1,811	24,145	10.0	3.3	13.3	18.1	17.9	16.4	15.0
Sampson	585	4,797	6.8	1.4	8.2	11.6	8.8	10.4	8.3
Sandhills	1,245	10,516	7.4	1.1	8.5	8.7	8.3	7.6	6.6
South Piedmont	893	7,987	7.5	1.5	9.0	11.8	10.6	8.3	11.4
Southeastern	883	5,882	6.2	0.5	6.7	7.2	8.4	7.1	5.4
Southwestern	674	7,763	9.9	1.6	11.5	12.2	12.3	12.5	9.3
Stanly	1,090	5,192	4.1	0.7	4.8	8.0	7.2	6.5	6.8
Surry	1,520	13,171	7.4	1.3	8.7	10.8	8.3	9.4	8.7
Tri-County	616	5,940	6.7	2.9	9.6	10.0	11.0	10.8	10.0
Vance-Granville	1,626	15,176	8.0	1.3	9.3	10.4	11.7	10.8	11.0
Wake	3,507	58,626	13.5	3.2	16.7	16.2	15.1	15.8	11.1
Wayne	1,389	16,478	10.4	1.4	11.8	11.5	12.5	13.5	14.7
Western Piedmont	1,018	11,147	9.2	1.7	10.9	10.4	8.7	10.4	8.7
Wilkes	1,386	9,264	5.9	0.8	6.7	6.7	7.0	6.0	5.6
Wilson	744	5,868	5.8	2.1	7.9	10.0	9.7	8.3	8.3
Subtotal	76,939	782,058	8.3	1.8	10.1	10.6	10.7	9.6	9.0
Private Institutions									
NC Private Universities									
Barton	475	3,526	7.1	0.3	7.4	6.6	7.2	7.0	5.7
Campbell	953	7,144	6.1	1.4	7.5	5.5	7.2	8.5	10.2
Mars Hill	682	3,562	5.0	0.2	5.2	5.0	5.1	7.6	4.4
Pfeiffer	426	1,840	4.2	0.1	4.3	4.3	4.0	6.2	6.0
Subtotal	2,536	16,070	5.7	0.7	6.4	5.4	6.0	7.5	6.8
Grand Total	117,610	1,196,318	8.6	1.6	10.2	10.7	10.7	10.0	9.6

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).

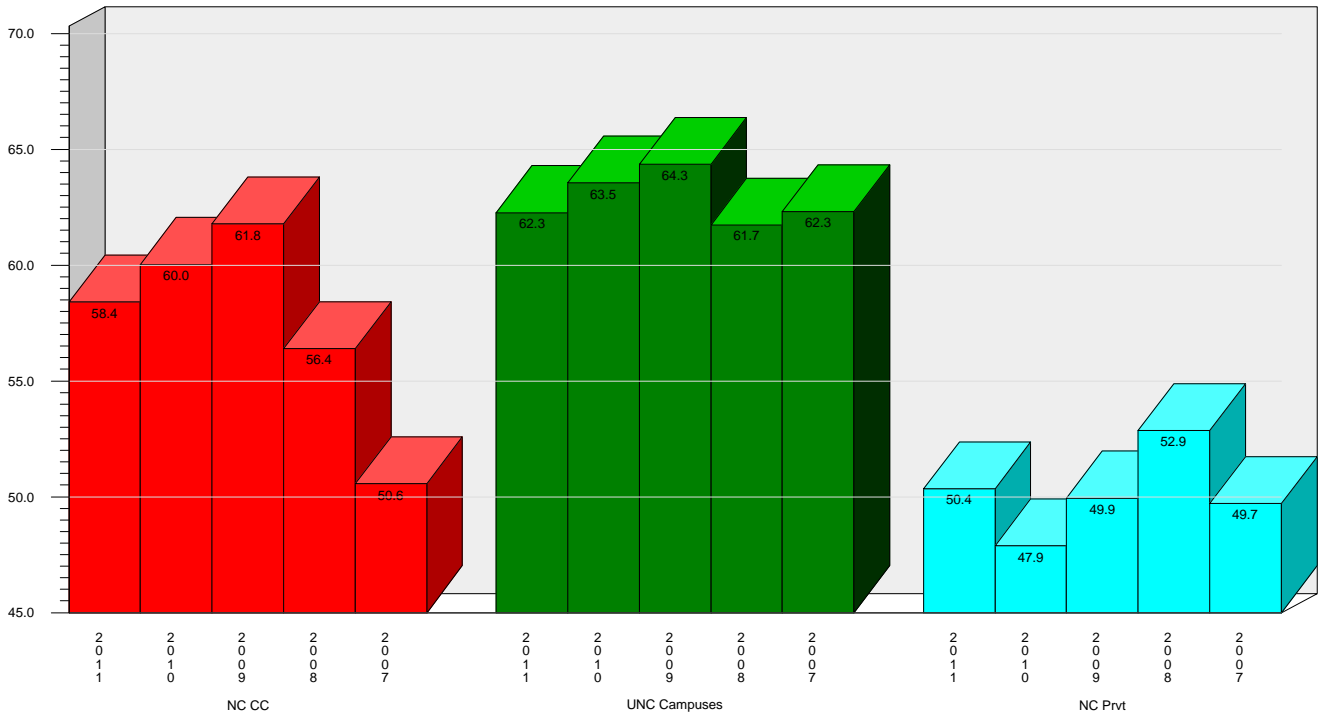
The University of North Carolina standards are 65% for classrooms and 75% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized configuration and/or equipment, are usually closer 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 exceeds 60%.

PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) EQUALS

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

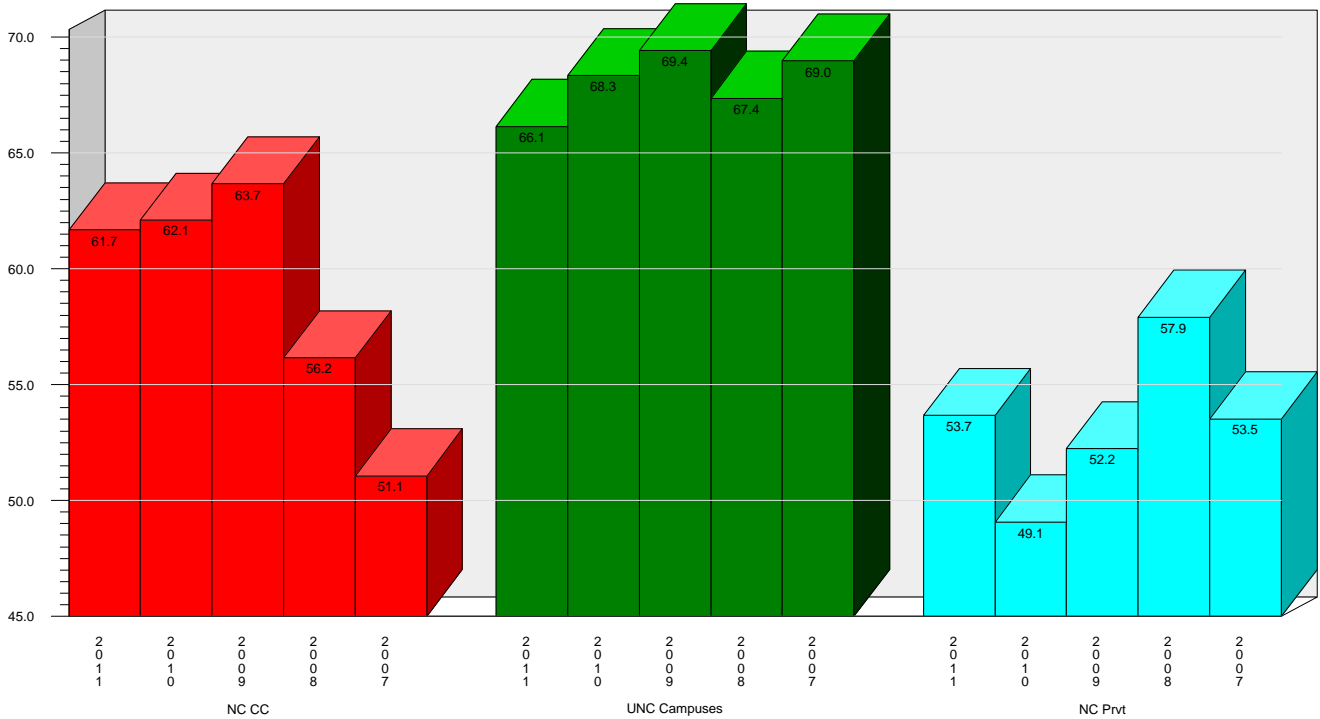


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2011	2010	2009	2008	2007	2011	2010	2009	2008	2007
Public Institutions										
Research Universities I										
NC State	66.9	65.7	65.4	63.5	62.8	78.9	84.0	79.3	82.8	86.8
UNC-Chapel Hill	65.0	66.7	66.5	64.2	64.5	73.4	75.2	70.4	69.7	69.2
Subtotal	66.0	66.2	65.9	63.8	63.6	77.6	81.8	77.2	79.0	82.0
Doctoral Universities I and II										
East Carolina	64.2	64.1	64.0	60.0	62.8	55.1	56.1	57.2	54.3	62.0
NC A&T	57.5	57.4	59.2	58.4	58.1	75.8	72.6	64.7	66.6	64.2
UNC Charlotte	61.2	70.0	70.0	66.1	65.3	59.9	70.5	74.4	63.7	74.3
UNC Greensboro	58.2	61.1	63.1	58.6	59.2	63.0	61.8	65.5	61.9	62.4
Subtotal	60.7	64.2	64.9	61.2	61.9	60.8	64.2	65.6	60.6	66.4
Master's (Comprehensive) Universities and Colleges I										
Appalachian	70.5	68.3	69.8	69.0	66.0	78.0	77.0	78.8	79.7	75.0
Fayetteville	54.8	52.4	55.7	55.0	63.2	55.6	50.0	47.3	47.8	56.7
NC Central	51.3	52.7	56.3	55.2	61.5	69.1	67.8	69.2	71.9	71.1
UNC Pembroke	58.1	59.6	59.4	55.6	53.2	61.7	65.1	72.9	60.1	57.8
UNC Wilmington	65.3	66.1	67.3	66.3	63.9	72.9	75.9	79.7	74.9	72.8
Western Carolina	69.2	66.4	67.1	62.6	72.4	62.8	60.7	60.6	55.7	56.7
Winston-Salem	48.5	50.2	54.8	53.6	52.9	50.8	64.2	70.6	67.6	62.9
Subtotal	61.8	61.4	63.1	61.4	62.8	67.4	68.0	69.8	67.8	66.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	46.6	51.6	56.7	49.4	46.6	50.4	51.6	68.8	61.8	53.7
UNC Asheville	60.7	60.7	59.5	58.3	58.6	68.1	65.1	67.4	66.6	66.9
Subtotal	54.3	56.5	58.3	54.2	52.8	57.8	57.0	68.2	64.0	59.7
Schools of Art, Music, and Design										
UNC School of the Arts	58.1	60.9	63.3	60.7	59.4	55.9	60.8	62.6	71.9	63.5
Subtotal	58.1	60.9	63.3	60.7	59.4	55.9	60.8	62.6	71.9	63.5
Community Colleges										
Alamance	54.0	58.9	55.3	55.6	48.3	55.1	62.9	68.3	61.2	54.1
Asheville-Buncombe	68.9	63.9	65.8	57.9	61.8	59.4	51.8	54.3	47.9	54.5
Beaufort Co.	45.9	42.0	48.7	46.5	44.6	42.2	39.9	45.9	46.3	39.9
Bladen	49.5	58.7	64.6	48.5	37.6	59.6	69.2	63.4	58.5	57.6
Blue Ridge	52.6	51.5	58.1	49.1	45.5	48.7	50.1	57.0	48.9	44.8
Brunswick	50.5	44.0	56.1	49.8	55.3	62.9	53.1	64.2	62.0	54.0
Caldwell	63.5	63.7	65.4	59.8	47.8	63.7	63.8	76.6	59.5	49.3
Cape Fear	63.9	62.7	63.6	61.6	53.2	69.4	67.9	70.9	69.8	61.5
Carteret	51.3	62.0	60.4	53.9	47.2	64.4	65.0	65.3	58.3	46.6
Catawba Valley	56.8	61.3	64.0	56.7	54.9	65.5	71.0	71.4	56.7	57.9
Central Carolina	61.7	58.9	57.6	47.9	46.1	59.2	60.8	61.9	44.1	45.7
Central Piedmont	67.5	67.8	70.7	68.5	64.9	63.8	61.5	65.7	65.0	65.0
Cleveland	45.4	47.0	51.6	39.2	39.1	55.9	62.7	56.0	40.8	39.7
Coastal Carolina	58.1	53.4	65.0	50.5	50.7	61.4	52.6	59.9	49.8	47.9
Coll. of Albemarle	55.7	61.0	59.0	52.0	51.2	62.8	70.9	69.2	61.6	60.6
Craven	75.4	64.5	62.2	53.9	40.1	62.5	68.7	66.0	51.1	41.4
Davidson County	62.6	61.9	56.4	52.8	54.4	59.8	67.8	66.1	53.9	49.0
Durham	56.3	59.0	59.3	55.4	51.1	59.8	63.9	64.5	60.3	54.8
Edgecombe	56.2	66.7	67.8	55.0	44.1	66.9	74.7	78.1	59.9	44.4
Fayetteville	40.6	40.3	44.2	39.5	33.6	56.6	58.5	55.7	50.1	49.2
Forsyth	64.2	59.3	62.3	54.2	47.5	68.9	65.7	66.9	61.0	51.7
Gaston	61.1	59.5	62.9	60.8	60.5	59.5	53.7	66.0	55.8	55.7
Guilford	67.8	75.7	81.3	78.7	68.9	65.6	73.7	75.4	69.4	59.8
Halifax	54.6	61.9	66.7	57.2	35.8	54.5	60.4	71.5	57.0	45.6
Haywood	51.6	47.4	49.4	48.7	40.8	55.9	54.4	52.3	41.7	35.7
Isothermal	50.3	56.2	63.6	54.1	43.6	67.3	73.1	74.7	61.7	62.9
James Sprunt	54.5	56.1	53.6	42.6	35.4	57.6	50.6	53.2	41.7	44.9
Johnston	61.7	69.3	63.2	59.6	55.7	63.5	64.1	65.5	47.0	49.2
Lenoir	59.5	65.0	65.1	55.9	47.2	60.0	65.7	70.7	62.6	50.9
Martin	48.3	48.2	41.2	43.9	30.2	52.3	43.2	42.8	37.3	30.2
Mayland	56.3	53.4	62.1	51.7	49.0	68.7	75.7	66.9	58.5	56.2
McDowell	42.2	54.1	56.2	43.8	34.9	48.3	44.1	49.0	39.0	34.3
Mitchell	62.9	61.3	63.4	59.4	54.2	64.9	72.4	66.4	56.0	59.7
Montgomery	39.7	39.4	43.5	44.4	32.7	51.8	58.0	57.5	53.6	50.9
Nash	52.0	48.5	57.8	51.1	41.6	53.9	51.3	53.4	47.6	36.0
Pamlico	36.7	43.9	42.1	42.2	37.4	45.9	40.9	39.4	34.9	30.8
Piedmont	47.0	49.9	48.7	48.4	53.7	46.5	60.7	52.3	52.0	51.7
Pitt	69.7	69.8	72.8	71.4	66.2	70.4	71.7	71.5	66.2	61.8
Randolph	57.7	56.5	54.0	54.0	44.2	51.7	50.4	66.5	54.7	47.9

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

Institution	Classrooms					Laboratories				
	2011	2010	2009	2008	2007	2011	2010	2009	2008	2007
Richmond	56.7	56.6	46.9	56.7	36.4	65.9	67.2	57.5	53.4	43.9
Roanoke-Chowan	47.9	51.6	43.1	44.9	35.9	55.3	46.5	43.7	37.6	32.8
Robeson	69.3	71.3	74.7	67.7	68.6	79.7	69.6	69.7	51.1	49.6
Rockingham	57.2	60.2	64.7	56.0	47.3	51.5	52.5	59.2	37.6	29.8
Rowan-Cabarrus	59.1	67.0	68.4	54.4	51.5	65.5	73.0	75.9	58.7	58.3
Sampson	65.6	66.3	69.4	62.1	53.0	73.8	73.9	72.7	79.6	67.4
Sandhills	57.4	58.8	57.0	54.3	54.2	61.3	64.4	57.8	51.5	44.7
South Piedmont	52.5	71.7	76.5	71.1	61.5	55.9	67.4	62.9	55.9	57.9
Southeastern	35.3	50.0	57.1	46.3	36.9	47.9	51.6	54.2	48.3	37.5
Southwestern	56.4	60.8	64.1	51.4	45.7	65.4	68.0	64.2	62.6	50.7
Stanly	49.7	50.2	48.3	45.5	41.8	36.2	36.9	38.7	35.8	29.6
Surry	58.0	61.3	68.3	63.6	54.5	62.9	66.9	65.5	61.9	51.7
Tri-County	46.8	45.5	50.8	46.9	29.8	54.7	48.6	60.4	58.4	54.8
Vance-Granville	55.1	56.3	60.0	54.4	52.9	64.9	56.5	63.2	60.6	52.6
Wake	68.4	65.4	65.9	63.3	53.5	75.8	72.2	75.9	72.4	60.6
Wayne	54.4	61.8	60.9	55.8	56.8	68.9	69.8	66.9	60.9	60.7
Western Piedmont	55.4	58.1	59.5	54.4	45.7	63.2	64.0	59.6	64.6	55.2
Wilkes	43.8	48.0	47.7	43.8	36.1	41.7	46.8	44.7	43.1	34.0
Wilson	46.7	51.5	47.6	51.1	50.4	55.9	56.3	58.3	49.4	43.7
Subtotal	58.4	60.0	61.8	56.4	50.6	61.7	62.1	63.7	56.2	51.1
Private Institutions										
NC Private Universities										
Barton	39.5	36.9	39.0	38.5	41.4	56.3	47.3	55.3	55.2	47.6
Campbell	53.1	52.5	54.6	53.5	53.9	56.1	49.2	49.9	50.3	57.4
Mars Hill	52.8	52.3	52.8	54.4	53.8	44.5	42.5	45.3	55.0	41.4
Pfeiffer	49.6	40.8	42.6	65.2	42.3	62.4	70.2	78.1	103.9	69.1
Subtotal	50.3	47.9	49.9	52.9	49.7	53.7	49.1	52.2	57.9	53.5
Grand Total	60.1	61.4	62.7	59.0	56.4	63.0	63.9	65.3	59.8	56.6

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. 93-94.

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	12
Community/Technical Colleges	16
By Level:	
Major Research Universities	13
Other Baccalaureate-Granting Institutions	13
Two-year Institutions	16
All North Carolina Institutions	14

Table 8. Student Clock Hours of Instruction

Institution	2011			2010			2009		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Research Universities I									
NC State	308,107.5	72,499.0	26,160.5	318,613.5	73,355.0	22,218.0	315,919.5	73,632.0	21,487.5
UNC-Chapel Hill	266,436.0	20,760.5	6,208.5	272,064.0	21,722.0	7,806.5	258,933.5	19,939.5	12,142.5
Subtotal	574,543.5	93,259.5	32,369.0	590,677.5	95,077.0	30,024.5	574,853.0	93,571.5	33,630.0
Doctoral Universities I and II									
East Carolina	209,786.0	38,923.0	12,908.0	209,784.0	41,661.5	11,092.0	205,260.5	41,743.0	14,802.5
NC A&T	101,750.0	19,818.5	8,485.0	97,219.5	21,762.0	12,732.5	93,716.5	17,788.0	13,573.5
UNC Charlotte	236,601.5	47,424.5	7,717.5	247,366.5	50,465.5	11,585.0	235,940.0	53,536.5	9,701.0
UNC Greensboro	167,751.5	26,317.0	13,372.5	171,361.0	26,628.5	12,568.0	177,945.5	28,273.5	11,338.0
Subtotal	715,889.0	132,483.0	42,483.0	725,731.0	140,517.5	47,977.5	712,862.5	141,341.0	49,415.0
Master's (Comprehensive) Universities and Colleges I									
Appalachian	179,926.5	43,072.0	30,784.0	173,169.0	44,310.5	27,406.5	172,311.0	42,434.0	26,136.0
Fayetteville	45,252.0	11,820.0	3,985.0	45,092.5	11,832.5	4,842.0	51,771.5	11,672.5	4,546.5
NC Central	69,807.0	17,550.0	6,898.0	73,438.0	16,477.5	12,414.5	80,776.5	15,861.5	9,640.0
UNC Pembroke	50,619.5	6,677.5	4,814.5	59,263.5	7,029.0	5,705.5	58,965.0	7,701.5	4,414.0
UNC Wilmington	137,165.5	30,321.5	6,478.0	137,619.5	27,169.5	7,373.5	128,743.5	27,858.0	8,280.5
Western Carolina	81,249.5	20,698.0	12,043.5	79,449.0	21,202.5	11,787.5	78,223.5	19,781.5	9,771.5
Winston-Salem	55,140.5	11,906.0	6,655.5	54,150.0	14,006.0	6,215.0	60,205.0	13,766.0	4,704.0
Subtotal	619,160.5	142,045.0	71,658.5	622,181.5	142,027.5	75,744.5	630,996.0	139,075.0	67,492.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	24,210.5	9,111.0	374.0	29,073.5	10,364.0	411.0	28,084.5	10,881.5	799.0
UNC Asheville	38,597.5	8,936.0	9,550.5	40,625.0	8,709.0	9,598.0	40,164.0	8,365.5	6,798.0
Subtotal	62,808.0	18,047.0	9,924.5	69,698.5	19,073.0	10,009.0	68,248.5	19,247.0	7,597.0
Schools of Art, Music, and Design									
UNC School of the Arts	8,840.5	12,356.0	9,360.5	8,328.5	16,530.0	10,602.0	9,410.5	15,864.5	10,348.5
Subtotal	8,840.5	12,356.0	9,360.5	8,328.5	16,530.0	10,602.0	9,410.5	15,864.5	10,348.5
Community Colleges									
Alamance	38,478.5	14,502.5	1,079.0	41,585.5	17,380.0	559.0	32,719.0	19,269.5	4,196.0
Asheville-Buncombe	41,099.5	30,396.5	1,807.0	46,584.5	28,600.0	3,080.0	47,197.0	31,995.0	3,051.0
Beaufort Co.	13,966.0	7,153.0	1,695.0	13,366.5	7,587.5	1,338.0	12,606.0	7,653.0	4,056.0
Bladen	10,838.5	4,380.5	676.0	13,004.0	7,636.0	287.0	12,737.5	5,460.0	18.0
Blue Ridge	16,734.0	7,429.0	1,459.0	15,567.0	6,501.5	1,133.0	18,608.5	9,565.5	2,951.0
Brunswick	17,861.0	4,368.0	3,808.0	15,677.0	5,785.0	3,913.0	17,841.0	6,192.5	3,663.5
Caldwell	35,583.5	11,372.0	7,139.0	37,513.5	14,160.5	2,771.0	36,072.0	17,396.5	2,399.0
Cape Fear	68,944.0	44,445.5	4,367.5	65,824.5	43,867.5	5,393.0	61,505.0	42,701.0	10,757.0
Carteret	11,882.0	7,323.5	1,487.5	15,461.0	7,269.0	880.0	13,414.0	6,985.0	1,051.0
Catawba Valley	31,443.0	21,035.0	3,587.0	31,867.0	25,570.5	4,246.0	37,381.5	23,606.0	6,013.5
Central Carolina	47,187.5	14,174.5	4,202.0	37,606.5	15,241.0	2,014.0	41,090.5	17,564.5	2,849.0
Central Piedmont	151,180.5	29,060.0	8,732.5	158,861.0	29,721.0	10,224.0	160,442.5	30,043.0	11,412.5
Cleveland	18,773.0	13,734.0	1,680.0	21,600.0	14,881.5	1,479.0	22,245.0	13,742.0	1,386.0
Coastal Carolina	36,292.5	19,953.0	1,712.5	32,854.0	16,275.0	1,136.0	37,500.0	17,108.5	778.0
Coll. of Albemarle	17,740.0	9,117.0	2,220.5	20,688.5	7,316.5	2,815.5	19,379.5	7,287.5	5,278.0
Craven	24,168.0	8,111.0	1,461.0	22,726.5	8,209.0	1,591.0	17,470.5	10,697.5	1,871.0
Davidson County	30,516.0	13,550.0	5,214.5	32,104.0	14,967.0	5,969.0	28,590.0	14,847.0	6,494.5
Durham	43,883.5	16,332.5	1,061.0	48,531.0	16,331.5	1,154.0	47,666.0	12,285.5	2,225.5
Edgecombe	20,905.0	11,741.5	4,404.5	23,393.5	12,606.5	4,345.0	19,936.5	11,861.0	2,841.0
Fayetteville	70,418.0	30,775.5	1,482.0	70,040.5	29,948.5	2,651.0	77,725.5	31,055.0	2,257.0
Forsyth	71,630.5	34,507.5	12,392.0	66,201.5	31,289.5	14,740.5	61,805.0	28,098.0	11,404.5
Gaston	45,485.0	15,528.5	3,749.0	44,738.0	15,966.5	5,268.0	43,822.0	18,722.5	3,091.5
Guilford	118,280.5	34,645.5	11,986.5	147,956.5	29,282.5	8,910.0	140,838.5	28,358.5	8,430.0
Halifax	12,166.0	5,773.5	1,454.0	13,813.0	7,148.0	1,036.5	13,325.0	7,221.0	875.0
Haywood	9,275.5	12,056.0	544.0	9,598.0	13,718.5	1,004.0	8,905.0	12,092.5	603.0
Isothermal	12,112.5	12,347.5	2,744.0	14,548.0	15,339.0	3,815.5	17,293.0	15,602.0	2,411.5
James Sprunt	10,160.0	4,422.0	3,350.5	11,321.0	3,991.5	1,359.5	11,060.0	4,506.0	3,581.0
Johnston	37,643.5	11,680.5	3,125.5	36,405.0	11,427.5	2,501.5	29,860.5	9,781.0	867.5
Lenoir	25,401.0	10,080.0	7,884.0	24,745.5	9,765.5	6,141.0	25,458.0	10,213.5	6,264.5
Martin	7,453.0	5,682.0	3,177.0	5,588.5	5,014.0	3,866.0	4,846.0	3,963.0	1,992.5
Mayland	9,941.0	2,684.5	661.0	9,443.5	3,738.5	691.0	12,264.0	3,016.0	1,010.0
McDowell	7,230.0	7,397.5	546.0	5,303.0	6,735.0	3,769.0	6,432.5	7,594.5	2,603.0
Mitchell	32,479.5	9,716.5	5,457.5	34,514.0	8,171.5	5,620.0	31,971.5	7,197.0	4,493.5
Montgomery	5,883.5	3,577.5	1,042.0	5,702.0	3,842.5	1,678.0	6,551.5	3,611.5	1,079.0
Nash	24,752.0	8,345.0	4,443.0	20,506.5	8,379.5	5,086.0	23,960.0	7,847.5	7,020.5
Pamlico	2,013.5	1,320.5	36.0	2,946.0	1,463.5	28.5	3,034.0	1,549.0	15.0
Piedmont	12,175.0	9,255.0	1,114.5	14,595.5	10,380.5	2,230.0	15,462.5	9,799.5	1,309.0
Pitt	58,261.0	25,472.0	2,962.0	58,931.0	24,106.0	2,039.0	56,434.5	21,214.5	2,336.5
Randolph	25,460.0	6,389.5	1,081.5	28,621.0	8,927.0	1,370.0	23,431.5	11,792.5	1,161.0

Table 8. Student Clock Hours of Instruction

Institution	2011			2010			2009		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Richmond	19,639.0	9,739.0	1,670.0	19,100.0	10,186.0	1,296.0	17,134.5	6,666.5	1,368.5
Roanoke-Chowan	5,430.0	4,487.0	1,027.0	7,044.0	3,263.5	1,156.0	6,186.5	3,222.5	1,453.5
Robeson	23,595.0	17,451.0	1,900.5	30,584.5	13,593.0	1,848.5	32,189.0	13,402.0	3,612.5
Rockingham	19,544.5	8,596.5	3,166.0	22,792.0	8,276.0	1,037.0	22,999.5	8,036.5	2,551.5
Rowan-Cabarrus	51,336.5	24,144.5	728.5	53,233.5	33,757.5	1,529.5	51,313.0	28,702.0	1,389.0
Sampson	15,639.0	4,797.0	1,091.0	16,248.0	6,773.0	1,153.0	15,113.0	5,044.0	1,331.0
Sandhills	37,261.0	10,516.0	4,308.0	33,291.0	10,826.0	4,275.0	35,296.0	9,897.0	3,571.0
South Piedmont	11,885.0	7,987.0	2,416.0	20,743.0	10,037.0	2,734.0	21,738.0	9,058.5	1,016.0
Southeastern	12,381.5	5,881.5	1,112.5	12,210.5	6,370.5	2,044.0	13,489.5	7,720.0	2,446.5
Southwestern	13,963.5	7,762.5	1,208.5	15,924.5	8,064.5	1,542.5	16,640.5	8,163.0	1,192.5
Stanly	17,617.0	5,191.5	251.0	14,989.5	8,699.5	144.0	18,754.5	8,109.0	326.0
Surry	26,920.0	13,170.5	7,319.0	28,518.0	15,243.0	3,461.5	28,893.5	11,777.0	6,196.0
Tri-County	6,561.0	5,939.5	40.0	7,037.0	6,187.0	353.0	6,577.0	5,901.5	-
Vance-Granville	25,628.0	15,175.5	2,267.5	23,099.0	16,672.0	1,100.5	25,353.0	19,101.0	717.0
Wake	119,770.5	58,626.0	10,432.5	112,780.5	58,003.0	5,117.0	101,082.0	52,639.0	4,948.5
Wayne	20,425.0	16,478.0	5,587.0	20,708.0	16,078.5	5,081.5	20,105.5	17,323.0	4,318.0
Western Piedmont	25,547.5	11,147.0	1,295.0	27,928.0	10,321.5	1,084.0	28,986.0	7,473.0	2,897.0
Wilkes	24,057.5	9,264.0	2,043.0	28,600.0	9,217.5	1,333.0	28,428.0	9,187.5	1,894.0
Wilson	10,144.0	5,868.0	1,310.0	12,462.5	7,420.0	1,344.0	12,315.0	7,569.0	2,184.0
Subtotal	1,763,042.5	782,057.5	176,198.5	1,827,627.0	807,530.5	165,766.5	1,801,476.5	788,487.5	179,509.5
Private Institutions									
NC Private Universities									
Barton	11,641.0	3,525.5	537.0	11,457.0	3,138.0	558.0	11,418.5	3,416.0	514.0
Campbell	52,694.0	7,143.5	5,988.5	51,982.0	5,221.0	5,621.5	53,308.0	6,275.0	4,886.5
Mars Hill	13,196.0	3,561.5	1,624.5	11,836.0	3,422.0	1,429.5	12,429.0	3,474.0	1,844.5
Pfeiffer	11,256.5	1,839.5	446.0	12,290.0	2,099.0	834.5	11,574.5	1,950.0	815.5
Subtotal	88,787.5	16,070.0	8,596.0	87,565.0	13,880.0	8,443.5	88,730.0	15,115.0	8,060.5
Grand Total	3,833,071.5	1,196,318.0	350,590.0	3,931,809.0	1,234,635.5	348,567.5	3,886,577.0	1,212,701.5	356,053.0

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:

$$\text{Classroom Space Factor} = \frac{21}{20.8 \times .601} = 1.68$$

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				
	2011	2010	2009	2008	2007	2011	2010	2009	2008	2007	2011	2010	2009	2008	2007
Public Institutions															
Research Universities I															
NC State	0.81	0.83	0.83	0.82	0.84	3.63	3.46	3.55	4.27	4.51	1.35	1.32	1.34	1.45	1.50
UNC-Chapel Hill	1.06	1.03	1.02	1.07	0.99	4.83	4.59	4.77	3.86	4.06	1.33	1.29	1.29	1.32	1.22
Subtotal	0.93	0.92	0.92	0.93	0.90	3.90	3.71	3.81	4.16	4.41	1.34	1.31	1.32	1.40	1.39
Doctoral Universities I and II															
East Carolina	0.86	0.86	0.88	0.87	0.93	3.73	3.46	3.43	4.16	4.06	1.31	1.29	1.31	1.38	1.45
NC A&T	1.55	1.40	1.45	1.28	1.31	8.12	7.24	8.08	7.42	10.13	2.62	2.47	2.51	2.22	2.57
UNC Charlotte	0.86	0.73	0.76	0.82	0.80	3.45	3.14	3.42	3.43	3.22	1.29	1.14	1.25	1.30	1.24
UNC Greensboro	0.87	0.75	0.74	0.78	0.72	3.90	3.96	3.64	3.47	3.44	1.28	1.18	1.14	1.17	1.13
Subtotal	0.96	0.86	0.88	0.89	0.89	4.32	4.02	4.05	4.18	4.34	1.48	1.38	1.41	1.42	1.46
Master's (Comprehensive) Universities and Colleges I															
Appalachian	0.88	0.86	0.87	0.90	0.97	2.68	2.44	2.50	2.50	2.70	1.23	1.18	1.19	1.22	1.31
Fayetteville	1.24	1.08	1.01	1.40	0.96	3.56	3.20	2.82	3.59	2.66	1.72	1.52	1.34	1.82	1.30
NC Central	1.55	1.40	1.27	1.32	1.24	3.37	3.24	3.36	4.01	3.48	1.91	1.74	1.61	1.71	1.59
UNC Pembroke	1.35	1.15	1.18	1.23	1.20	3.73	3.36	3.00	3.76	3.77	1.63	1.38	1.39	1.48	1.45
UNC Wilmington	0.99	1.00	0.85	0.83	0.77	2.66	2.82	2.64	2.46	2.53	1.30	1.30	1.17	1.13	1.07
Western Carolina	1.04	1.08	1.12	1.17	1.03	3.45	3.51	4.64	5.06	4.41	1.53	1.59	1.83	1.92	1.62
Winston-Salem	1.26	1.27	1.20	1.24	1.44	4.39	3.73	3.94	3.71	4.29	1.81	1.78	1.71	1.74	1.99
Subtotal	1.10	1.06	1.02	1.07	1.03	3.14	3.00	3.13	3.26	3.19	1.48	1.42	1.40	1.47	1.41
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	2.11	1.76	1.79	1.87	1.88	6.16	5.41	4.61	4.84	5.10	3.21	2.72	2.58	2.69	2.74
UNC Asheville	1.19	1.16	1.18	1.23	1.16	4.38	4.65	4.80	3.77	3.25	1.79	1.78	1.80	1.75	1.62
Subtotal	1.55	1.41	1.43	1.50	1.47	5.28	5.06	4.69	4.33	4.17	2.38	2.19	2.15	2.17	2.12
Schools of Art, Music, and Design															
UNC School of the Arts	3.28	3.48	3.11	3.25	3.08	6.46	4.83	4.89	4.50	4.92	5.13	4.37	4.23	4.08	4.26
Subtotal	3.28	3.48	3.11	3.25	3.08	6.46	4.83	4.89	4.50	4.92	5.13	4.37	4.23	4.08	4.26
Community Colleges															
Alamance	1.84	1.64	1.78	1.61	1.68	4.09	3.34	3.33	4.11	3.40	2.45	2.14	2.35	2.36	2.35
Asheville-Buncombe	2.09	2.05	2.04	2.41	2.18	4.76	5.22	4.62	5.16	4.61	3.23	3.25	3.08	3.57	3.13
Beaufort Co.	2.62	2.74	3.39	3.40	4.30	7.06	6.65	6.75	8.05	8.28	4.13	4.16	4.66	5.05	5.88
Bladen	2.36	1.91	1.86	2.76	2.74	6.73	4.04	5.65	5.47	5.24	3.62	2.70	3.00	3.89	3.80
Blue Ridge	3.66	3.91	3.20	4.13	3.35	11.46	13.09	8.94	13.47	13.77	6.06	6.61	5.15	6.92	6.10
Brunswick	2.80	3.02	2.65	2.48	2.91	5.17	5.05	4.72	4.78	7.56	3.26	3.57	3.19	3.10	3.82
Caldwell	2.38	2.26	2.34	2.50	2.96	6.04	4.97	4.04	5.69	6.53	3.27	3.00	2.90	3.43	4.06
Cape Fear	1.55	1.53	1.52	1.44	1.85	2.88	3.16	3.15	3.43	3.78	2.07	2.18	2.19	2.25	2.64
Carteret	3.46	2.64	3.10	3.13	3.37	7.39	7.47	7.78	8.73	10.05	4.96	4.19	4.70	4.95	5.44
Catawba Valley	2.07	1.83	1.58	1.84	1.80	4.79	3.91	4.14	5.85	5.65	3.16	2.76	2.57	3.32	3.21
Central Carolina	2.44	2.81	2.50	3.55	3.32	6.70	5.87	4.94	6.82	6.92	3.42	3.69	3.23	4.54	4.36
Central Piedmont	2.17	2.09	1.82	1.93	2.18	7.55	7.42	6.11	7.44	7.12	3.04	2.93	2.50	2.71	2.95
Cleveland	2.37	2.06	1.97	2.52	2.05	3.89	3.59	3.89	5.13	5.01	3.02	2.69	2.71	3.45	3.07
Coastal Carolina	1.58	1.75	1.53	1.93	1.98	3.46	4.24	4.04	4.88	4.78	2.25	2.58	2.32	2.88	2.91
Coll. of Albemarle	3.16	2.94	3.20	3.34	3.76	6.35	6.59	6.62	9.70	8.89	4.24	3.90	4.14	5.10	5.37
Craven	2.03	2.13	2.72	2.74	3.04	7.01	6.91	6.16	8.48	8.07	3.28	3.40	4.03	4.58	4.52
Davidson County	2.28	2.10	2.37	2.49	2.10	4.60	4.33	3.97	6.22	5.27	2.99	2.81	2.92	3.51	2.98
Durham	1.97	1.72	1.55	1.82	1.84	5.03	4.98	5.92	5.42	6.17	2.80	2.54	2.45	2.70	2.84
Edgecombe	1.62	1.45	1.70	2.26	2.89	3.47	3.24	3.44	4.57	5.29	2.29	2.07	2.35	3.11	3.87
Fayetteville	2.11	2.11	1.87	1.91	2.06	5.04	5.16	4.94	5.66	4.94	3.00	3.02	2.75	2.88	2.88
Forsyth	1.47	1.58	1.51	1.97	2.30	3.66	4.04	4.41	5.30	6.63	2.18	2.37	2.42	3.08	3.50
Gaston	2.28	1.93	2.20	2.19	1.83	4.85	4.65	4.09	5.17	5.58	2.93	2.65	2.77	2.96	2.76
Guilford	1.59	1.37	1.42	1.42	1.79	5.17	5.83	5.86	4.94	6.03	2.40	2.11	2.16	2.09	2.62
Halifax	3.03	2.67	2.77	3.57	4.94	6.35	5.34	5.28	7.01	7.74	4.10	3.58	3.65	4.73	6.01
Haywood	3.57	2.93	3.10	2.62	3.28	7.39	6.54	5.50	6.52	7.09	5.73	5.05	4.48	4.55	5.19
Isothermal	3.11	2.59	2.18	2.68	2.78	4.10	3.33	3.28	4.25	3.86	3.61	2.97	2.70	3.40	3.36
James Sprunt	2.85	2.53	2.75	3.42	3.20	4.83	5.00	4.84	6.51	6.47	3.45	3.17	3.36	4.27	4.13
Johnston	2.18	2.20	2.69	3.23	2.44	5.63	5.58	6.52	9.24	8.45	3.00	3.01	3.63	4.58	3.69
Lenoir	2.91	2.89	2.79	3.08	3.68	6.55	5.27	4.75	4.70	6.64	3.94	3.56	3.35	3.55	4.57
Martin	2.94	3.92	5.07	4.67	8.76	5.64	6.39	7.77	11.29	10.73	4.11	5.09	6.29	7.27	9.84
Mayland	3.02	3.18	3.11	3.95	4.98	7.62	5.47	5.15	6.06	6.20	3.99	3.83	3.51	4.40	5.27
McDowell	3.25	5.00	4.33	4.16	5.43	4.41	4.18	4.12	5.60	5.48	3.84	4.54	4.22	4.83	5.45
Mitchell	2.16	1.88	1.96	2.19	2.04	4.63	4.93	5.60	6.20	6.32	2.73	2.46	2.63	2.95	2.85
Montgomery	3.13	3.23	2.97	2.40	3.74	4.66	4.81	4.96	4.69	5.15	3.71	3.87	3.68	3.14	4.54
Nash	1.86	2.24	1.92	2.13	2.48	4.38	4.36	4.66	5.09	8.70	2.49	2.86	2.60	2.85	3.60
Pamlico	6.88	4.70	4.56	4.79	4.33	8.00	7.22	6.82	8.24	8.57	7.32	5.54	5.33	5.85	5.65
Piedmont	2.96	2.44	2.30	2.25	2.07	3.24	2.89	3.06	3.30	3.49	3.08	2.63	2.60	2.66	2.58
Pitt	1.03	1.04	1.00	1.04	1.08	2.89	3.12	2.86	2.86	3.26	1.60	1.64	1.51	1.58	1.69
Randolph	2.17	1.92	2.08	2.21	2.62	11.50	8.09	6.48	6.06	6.80	4.04	3.38	3.55	3.50	3.84

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2011	2010	2009	2008	2007	2011	2010	2009	2008	2007	2011	2010	2009	2008	2007
Richmond	2.01	2.06	1.95	1.67	2.90	4.25	4.06	5.56	6.59	8.00	2.75	2.76	2.96	2.75	4.30
Roanoke-Chowan	3.29	2.54	2.89	2.91	3.10	5.12	5.71	5.78	8.52	8.35	4.12	3.54	3.88	4.35	4.96
Robeson	1.45	1.31	1.20	1.43	1.35	3.07	3.31	3.39	4.41	4.87	2.14	1.92	1.85	2.32	2.29
Rockingham	1.90	1.72	1.71	2.03	2.41	7.06	7.34	7.38	7.91	9.13	3.48	3.22	3.17	3.68	4.22
Rowan-Cabarrus	1.51	1.57	1.21	1.86	1.64	3.95	2.88	3.08	3.72	3.95	2.29	2.08	1.88	2.57	2.49
Sampson	2.01	1.93	2.03	2.31	2.73	7.21	5.11	6.48	5.50	6.74	3.23	2.87	3.14	3.30	3.92
Sandhills	1.87	2.09	1.94	2.09	1.89	5.00	4.86	5.22	5.83	6.70	2.56	2.77	2.66	2.86	2.71
South Piedmont	3.06	1.78	1.63	1.85	1.62	4.86	3.74	4.14	5.31	3.57	3.78	2.42	2.37	2.78	2.33
Southeastern	3.51	3.76	2.99	2.82	3.10	5.72	5.44	4.40	5.21	6.79	4.22	4.33	3.50	3.55	4.17
Southwestern	2.73	2.40	2.23	2.73	3.40	4.82	4.58	4.52	4.54	6.13	3.48	3.13	2.99	3.42	4.38
Stanly	2.11	2.43	1.99	1.79	1.91	6.92	4.13	4.50	4.93	4.76	3.21	3.06	2.75	2.63	2.73
Surry	2.74	2.31	2.28	2.43	2.17	5.52	4.43	5.74	5.25	5.70	3.65	3.05	3.28	3.36	3.17
Tri-County	4.43	4.41	4.74	3.56	4.24	5.65	5.46	5.53	5.88	5.53	5.01	4.90	5.11	4.45	4.77
Vance-Granville	2.17	2.41	2.22	2.41	2.32	4.42	3.93	3.44	3.82	3.89	3.01	3.05	2.74	3.03	2.99
Wake	1.37	1.46	1.48	1.48	1.82	3.01	3.08	3.32	3.25	4.77	1.91	2.01	2.11	2.09	2.76
Wayne	1.99	2.03	2.09	2.27	2.12	3.32	3.41	3.16	2.95	2.70	2.58	2.63	2.59	2.61	2.41
Western Piedmont	2.31	2.13	2.13	1.99	2.41	4.78	5.05	5.65	4.76	5.65	3.06	2.92	2.85	2.70	3.31
Wilkes	2.39	2.01	2.02	2.51	2.77	6.15	6.05	6.00	7.10	7.57	3.44	2.99	2.99	3.55	3.94
Wilson	4.00	3.22	2.93	2.78	2.51	6.14	4.86	5.29	6.36	6.40	4.78	3.83	3.83	3.97	3.71
Subtotal	2.08	1.99	1.95	2.13	2.27	4.83	4.62	4.59	5.24	5.55	2.92	2.80	2.76	3.06	3.26
Private Institutions															
NC Private Universities															
Barton	2.40	2.44	2.45	2.44	2.34	4.86	5.46	5.01	5.17	6.46	2.97	3.09	3.04	3.05	3.13
Campbell	1.67	1.67	1.69	1.47	1.61	4.15	5.61	4.23	3.61	2.87	1.96	2.03	1.96	1.70	1.79
Mars Hill	2.74	3.06	2.91	2.51	2.55	7.87	8.19	8.07	5.18	7.63	3.83	4.21	4.04	3.35	3.47
Pfeiffer	2.94	3.03	3.22	2.05	3.02	10.11	9.74	10.49	6.80	7.04	3.95	4.01	4.27	2.73	3.79
Subtotal	2.08	2.15	2.16	1.83	2.07	5.81	6.84	6.10	4.90	5.10	2.66	2.79	2.73	2.31	2.56
Grand Total	1.53	1.47	1.45	1.51	1.55	4.53	4.33	4.32	4.74	4.95	2.25	2.16	2.13	2.26	2.33

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	29.4	26.3	24.0	66.9	66.0	65.0	1.06	0.93	0.81
Doctoral Universities I and II	32.5	27.7	19.8	64.2	60.7	57.5	1.55	0.96	0.86
Master's (Comprehensive) Universities I	31.4	27.5	20.2	70.5	61.8	48.5	1.55	1.10	0.88
Baccalaureate (Liberal Arts) Universities	29.0	21.8	15.5	60.7	54.3	46.6	2.11	1.55	1.19
Schools of Art, Music, and Design*	11.6	11.6	11.6	58.1	58.1	58.1	3.28	3.28	3.28
Community Colleges	33.8	18.4	10.6	75.4	58.4	35.3	6.88	2.08	1.03
Private Institutions									
NC Private Universities	18.6	16.3	13.4	53.1	50.3	39.5	2.94	2.08	1.67
Grand Total									
State Range	33.8	20.9	10.6	75.4	60.1	35.3	6.88	1.53	0.81
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Public Institutions									
Research Universities I	12.5	11.4	9.3	78.9	77.6	73.4	4.83	3.90	3.63
Doctoral Universities I and II	16.8	12.2	5.3	75.8	60.8	55.1	8.12	4.32	3.45
Master's (Comprehensive) Universities I	19.5	16.3	12.8	78.0	67.4	50.8	4.39	3.14	2.66
Baccalaureate (Liberal Arts) Universities	14.2	10.7	8.5	68.1	57.8	50.4	6.16	5.28	4.38
Schools of Art, Music, and Design*	12.2	12.2	12.2	55.9	55.9	55.9	6.46	6.46	6.46
Community Colleges	23.9	15.1	9.2	79.7	61.7	36.2	11.50	4.83	2.88
Private Institutions									
NC Private Universities	12.6	10.0	6.0	62.4	53.7	44.5	10.11	5.81	4.15
Grand Total									
State Range	23.9	14.3	5.3	79.7	63.0	36.2	11.50	4.53	2.66
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 2007-2010, 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 2011, 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.

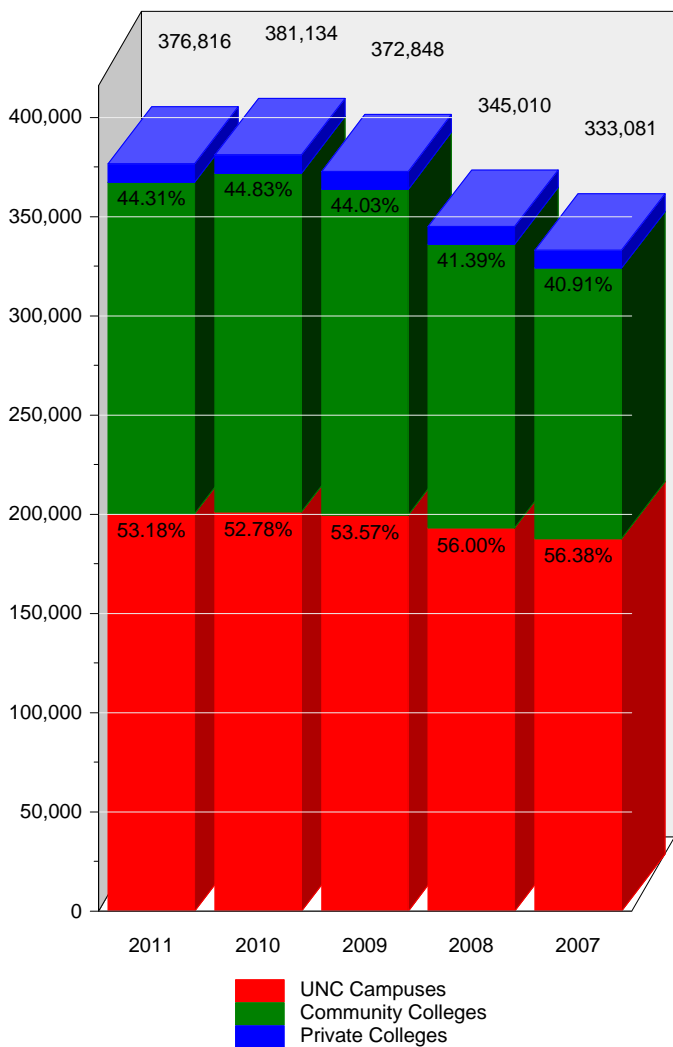
North Carolina institutions experienced a headcount enrollment increase of 0.4 percent in 2011. Public institutions showed a 0.1percent increase, while private enrollments increased this year by 1.5 percent. Enrollments for men increased by 0.8 percent and women increased by 0.2 percent. North Carolina's 2010 part-time enrollment decreased by 5.0 percent while the state's full-time enrollment decreased by 0.1 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

	2011	2010	2009	2008	2007
Public Institutions					
Research Universities I	57,787	57,728	56,899	55,653	54,142
Doctoral Universities I and II	74,136	74,135	73,920	71,202	68,479
Master's (Comprehensive) Universities and Colleges I	61,346	61,753	61,494	59,376	58,179
Baccalaureate (Liberal Arts) Universities and Colleges I and II	6,238	6,674	6,545	6,120	6,130
Schools of Art, Music, and Design	884	860	863	870	864
Community Colleges	166,960	170,874	164,172	142,790	136,272
Private Institutions					
NC Private Universities	9,465	9,110	8,955	8,999	9,015
	376,816	381,134	372,848	345,010	333,081

All NC Higher Education Institutions
By Type of Control



UNC Institutions Only
By Level

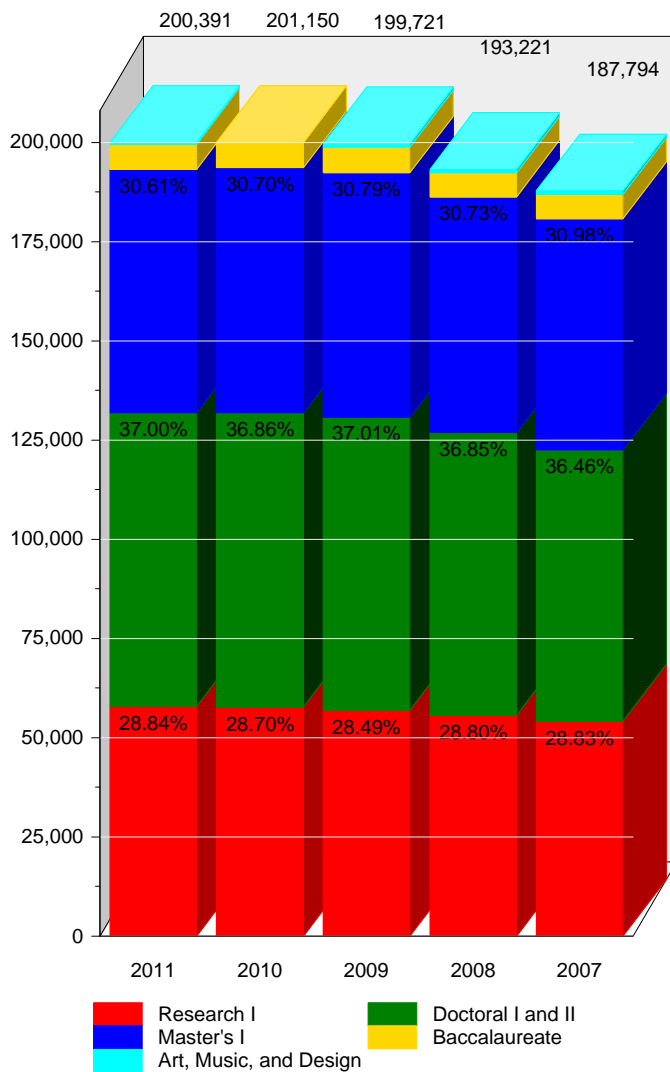


Table 12. FTE Enrollments by Institution

Institution	2011 On-Campus	2010 Total Public Institutions	2010 On-Campus	2009 On-Campus	2008 On-Campus	2007 On-Campus
Research Universities I						
NC State	30,638	-	30,397	29,875	28,985	27,936
NC State Veterinary Med	312	-	310	317	312	311
UNC-Chapel Hill	22,167	-	22,420	22,534	22,373	22,025
UNC-Chapel Hill Health Aff.	4,670	-	4,601	4,173	3,983	3,870
Subtotal	57,787	-	57,728	56,899	55,653	54,142
Doctoral Universities I and II						
East Carolina	22,352	-	22,727	22,397	22,485	21,211
East Carolina Health Aff.	2,236	-	2,164	2,147	2,044	1,927
NC A&T	10,063	-	9,983	9,792	9,564	9,735
UNC Charlotte	22,630	-	22,286	21,910	20,612	19,717
UNC Greensboro	16,855	-	16,975	17,674	16,497	15,889
Subtotal	74,136	-	74,135	73,920	71,202	68,479
Master's (Comprehensive) Universities and Colleges I						
Appalachian	16,654	-	16,388	16,153	15,749	15,049
Fayetteville	5,199	-	5,036	5,446	5,367	5,736
NC Central	7,587	-	7,813	7,730	7,252	7,477
UNC Pembroke	5,477	-	6,053	5,823	5,415	5,147
UNC Wilmington	12,321	-	12,214	12,060	11,742	11,358
Western Carolina	8,343	-	8,312	8,252	7,797	7,950
Winston-Salem	5,765	-	5,937	6,030	6,054	5,462
Subtotal	61,346	-	61,753	61,494	59,376	58,179
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	2,772	-	3,112	3,078	2,905	2,834
UNC Asheville	3,466	-	3,562	3,467	3,215	3,296
Subtotal	6,238	-	6,674	6,545	6,120	6,130
Schools of Art, Music, and Design						
UNC School of the Arts	884	(274)	860	863	870	864
Subtotal	884	(274)	860	863	870	864
Community Colleges						
Alamance	3,772	(4,032)	3,592	3,570	2,860	2,658
Asheville-Buncombe	5,888	(6,274)	5,670	5,358	4,706	4,434
Beaufort Co.	1,346	(1,622)	1,320	1,312	1,110	1,030
Bladen	1,432	(1,438)	1,612	1,474	1,192	768
Blue Ridge	1,540	(1,906)	1,586	1,664	1,336	1,260
Brunswick	1,020	(1,322)	1,034	1,140	1,020	996
Caldwell	3,154	(3,976)	3,060	3,154	2,606	2,446
Cape Fear	6,936	(8,030)	6,896	6,568	5,764	5,894
Carteret	1,072	(1,460)	1,152	1,170	1,000	998
Catawba Valley	3,272	(4,176)	3,542	3,528	3,260	3,282
Central Carolina	3,526	(3,888)	3,874	3,816	3,136	3,118
Central Piedmont	10,888	(14,250)	11,180	10,810	10,406	10,064
Cleveland	2,108	(2,942)	2,364	2,334	2,228	2,088
Coastal Carolina	2,918	(3,834)	3,132	3,050	2,752	2,572
Coll. of Albemarle	1,448	(2,292)	1,482	1,502	1,316	1,238
Craven	1,956	(2,694)	2,000	1,906	1,662	1,628
Davidson County	3,412	(3,412)	3,540	3,368	2,848	2,654
Durham	3,094	(3,554)	3,402	3,196	2,842	2,888
Edgecombe	1,826	(2,648)	2,040	1,890	1,322	1,172
Fayetteville	8,530	(8,746)	8,054	8,018	7,554	7,100
Forsyth	7,404	(8,080)	7,030	6,426	5,366	5,046
Gaston	4,858	(5,170)	5,174	5,218	4,010	3,940
Guilford	10,462	(12,098)	10,630	9,636	8,004	7,538
Halifax	1,098	(1,396)	1,186	1,178	960	862
Haywood	1,308	(2,014)	1,428	1,178	1,158	1,158
Isothermal	1,542	(2,026)	1,842	1,910	1,436	1,440
James Sprunt	1,190	(1,234)	1,124	1,216	902	864
Johnston	2,852	(3,874)	2,842	2,560	2,796	2,656
Lenoir	2,518	(2,714)	2,670	2,556	2,154	2,022
Martin	712	(728)	688	664	490	512
Mayland	826	(964)	840	808	740	726
McDowell	1,096	(1,096)	1,296	1,268	1,024	846
Mitchell	2,280	(2,816)	2,302	2,192	1,876	1,682
Montgomery	642	(664)	682	686	672	708

Table 12. FTE Enrollments by Institution

Institution	2011		2010	2009	2008	2007
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
Nash	2,122	(2,618)	2,280	2,010	1,792	1,726
Pamlico	148	(346)	178	228	176	216
Piedmont	1,762	(1,808)	2,024	2,090	1,886	1,838
Pitt	6,260	(6,872)	6,256	5,526	4,910	4,520
Randolph	1,760	(2,372)	1,892	1,690	1,346	1,322
Richmond	1,928	(2,016)	1,756	1,544	1,322	1,332
Roanoke-Chowan	648	(754)	594	546	458	514
Robeson	2,340	(2,364)	2,218	2,320	1,976	1,912
Rockingham	1,888	(1,890)	2,042	2,020	1,670	1,632
Rowan-Cabarrus	4,504	(5,546)	4,990	4,950	4,054	3,892
Sampson	1,150	(1,270)	1,238	1,190	1,010	926
Sandhills	2,740	(3,428)	2,898	2,806	2,474	2,468
South Piedmont	1,102	(1,766)	1,270	1,122	998	1,116
Southeastern	1,228	(1,740)	1,378	1,558	1,448	1,300
Southwestern	1,394	(2,050)	1,478	1,388	1,334	1,248
Stanly	2,376	(2,432)	2,296	2,314	1,888	1,734
Surry	2,808	(2,840)	2,748	2,776	2,672	2,514
Tri-County	722	(1,150)	770	744	674	640
Vance-Granville	3,174	(3,268)	3,092	3,084	2,388	2,254
Wake	10,784	(13,974)	10,394	9,216	8,386	7,682
Wayne	2,836	(3,070)	2,932	2,732	2,388	2,002
Western Piedmont	2,128	(2,630)	2,214	2,322	1,836	2,178
Wilkes	2,286	(2,334)	2,532	2,536	2,174	2,008
Wilson	946	(1,460)	1,138	1,136	1,022	1,010
Subtotal	166,960	(197,368)	170,874	164,172	142,790	136,272
Private Institutions						
NC Private Universities						
Barton	1,067	-	1,041	1,017	1,030	1,006
Campbell	5,426	-	5,265	5,047	5,076	5,136
Mars Hill	1,249	-	1,139	1,198	1,200	1,210
Pfeiffer	1,723	-	1,665	1,693	1,693	1,663
Subtotal	9,465	-	9,110	8,955	8,999	9,015
Grand Total	376,816	(197,642)	381,134	372,848	345,010	333,081



Randall B. Terry Jr. Companion Animal Veterinary Medical Center, North Carolina State University

North Carolina State University's College of Veterinary Medicine celebrated the opening of its new veterinary teaching hospital, the Randall B. Terry Jr. Companion Animal Veterinary Medical Center in May of 2011. The \$72 million complex took 12 years to come to fruition. It was made possible by a \$20 million donation by the R.B. Terry Charitable Foundation, appropriations from the 2006 North Carolina General Assembly, and private donations matched by the foundation. The Terry Center more than doubles the current size of NC State's Small Animal Veterinary Teaching Hospital (VTH) with this new 110,000-square-foot complex that boasts 30 examination rooms, 10 surgical suites, three dedicated emergency examination rooms, an expanded intensive care unit with a patient visitation area and a specialized pharmacy. The facility also boasts the only animal bone marrow transplant program in America. With a focus on patient care, client comfort, and staff efficiency, the Terry Center is designed to help clinicians exceed client and referring veterinarian expectations for state-of-the-art specialty health care.

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

TABLE 13:

NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. 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 gross area figures include these structures. The following institutions have parking decks (their gross areas are indicated in parentheses): Cape Fear Community College (141,635 sq. ft.), Central Piedmont Community College (1,115,530 sq. ft.), Appalachian State University (286,400), UNC at Wilmington (308,801), N. C. State University (2,100,055 sq. ft.), N.C. State Veterinary Medicine, (179,528 sq. ft), UNC at Chapel Hill-Health Affairs (1,707,986 sq. ft.), UNC at Chapel Hill-Academic Affairs (1,245,793 sq. ft.), UNC at Charlotte (1,937,352), UNC at Greensboro (1,058,793), UNC at Asheville (136,854). Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Cape Fear Community College (63.2%), Central Piedmont Community College (62.9%), N.C. State University (61.0%), N.C. State Veterinary Medicine, (62.7%), UNC at Chapel Hill-Health Affairs (55.2%), UNC at Chapel Hill Academic Affairs (60.9%), UNC at Charlotte (57.4%), UNC at Greensboro (57.8%), Appalachian State University (62.5%), UNC at Wilmington (62.7%), UNC at Asheville (65.8%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average \$203 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .571. This means that new construction costs are approximately \$356 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$203}{.571} = \$356$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$356 in new construction costs.

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2011	2010	2009	2008	2007
Public Institutions							
Research Universities I							
NC State	15,437,547	8,194,386	53.1	54.4	55.5	58.7	58.3
NC State Veterinary Med	855,659	423,800	49.5	64.0	64.1	64.2	64.2
UNC-Chapel Hill	12,615,725	6,927,035	54.9	54.7	56.6	56.9	56.6
UNC-Chapel Hill Health Aff.	6,217,778	2,487,837	40.0	39.9	39.9	39.6	37.9
Subtotal	35,126,709	18,033,058	51.3	52.1	53.1	54.4	54.1
Doctoral Universities I and II							
East Carolina	4,816,314	3,296,007	68.4	68.3	68.7	69.0	68.9
East Carolina Health Aff.	1,368,021	769,480	56.2	56.1	59.0	61.0	60.8
NC A&T	3,181,958	2,236,738	70.3	70.7	71.5	71.6	71.9
UNC Charlotte	7,392,087	3,130,706	42.4	44.0	44.0	44.8	47.2
UNC Greensboro	5,751,743	2,833,599	49.3	46.1	46.2	43.8	47.7
Subtotal	22,510,123	12,266,530	54.5	54.5	54.9	54.7	56.7
Master's (Comprehensive) Universities and Colleges I							
Appalachian	4,664,029	2,738,114	58.7	58.1	58.6	58.7	63.4
Fayetteville	1,289,806	788,724	61.2	58.7	58.6	60.6	60.5
NC Central	2,256,444	1,452,483	64.4	63.3	63.3	63.2	63.2
UNC Pembroke	1,469,487	978,642	66.6	65.0	65.1	65.3	66.1
UNC Wilmington	3,729,696	2,146,418	57.5	57.9	66.8	67.2	67.5
Western Carolina	2,990,480	1,940,454	64.9	64.9	65.1	65.8	65.7
Winston-Salem	1,754,068	1,085,813	61.9	61.9	63.4	63.3	65.6
Subtotal	18,154,010	11,130,648	61.3	60.8	62.8	63.2	64.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	1,300,596	864,122	66.4	67.1	67.6	67.8	67.8
UNC Asheville	1,428,485	849,360	59.5	59.6	59.5	59.4	59.9
Subtotal	2,729,081	1,713,482	62.8	63.2	63.4	63.4	63.8
Schools of Art, Music, and Design							
UNC School of the Arts	1,054,197	736,689	69.9	69.9	69.7	69.8	67.8
Subtotal	1,054,197	736,689	69.9	69.9	69.7	69.8	67.8
Teaching Hospitals							
UNC Hospitals	2,499,249	1,358,302	54.3	54.3	54.3	53.5	53.5
Subtotal	2,499,249	1,358,302	54.3	54.3	54.3	53.5	53.5
Community Colleges							
Alamance	389,753	237,543	60.9	60.7	58.7	58.7	64.3
Asheville-Buncombe	921,954	526,270	57.1	57.1	57.0	57.0	65.2
Beaufort Co.	240,348	171,008	71.2	71.1	71.1	70.8	70.4
Bladen	149,417	112,520	75.3	75.3	75.5	75.4	75.4
Blue Ridge	401,360	289,926	72.2	72.1	71.6	71.6	74.7
Brunswick	371,491	244,941	65.9	64.7	64.7	68.0	68.9
Caldwell	490,265	339,356	69.2	69.1	69.1	68.7	69.4
Cape Fear	911,051	486,292	53.4	62.5	62.8	62.3	62.4
Carteret	236,630	164,647	69.6	69.6	69.6	69.2	69.2
Catawba Valley	558,726	360,392	64.5	69.2	69.2	69.2	69.2
Central Carolina	535,254	372,982	69.7	70.2	70.8	70.9	70.9
Central Piedmont	3,111,843	1,255,131	40.3	40.5	44.9	44.7	44.5
Cleveland	295,233	199,079	67.4	67.4	67.4	69.5	69.2
Coastal Carolina	331,906	225,546	68.0	68.0	68.0	68.0	68.0
Coll. of Albemarle	369,544	234,290	63.4	62.7	63.0	63.7	64.7
Craven	315,007	207,789	66.0	65.9	66.3	66.3	67.9
Davidson County	450,996	306,081	67.9	67.7	67.1	67.5	67.5
Durham	506,417	339,744	67.1	67.3	68.8	68.7	69.2
Edgecombe	245,878	168,825	68.7	68.7	68.7	68.7	67.3
Fayetteville	856,368	584,955	68.3	68.1	68.8	69.0	69.0
Forsyth	738,451	511,708	69.3	69.3	67.6	67.8	68.2
Gaston	699,867	463,835	66.3	66.8	66.8	64.6	62.7
Guilford	1,324,673	891,777	67.3	67.5	67.0	68.1	67.6
Halifax	275,321	187,362	68.1	68.1	68.1	67.8	67.4
Haywood	329,776	241,956	73.4	73.1	75.1	75.2	77.0
Isothermal	325,473	217,262	66.8	66.9	66.9	69.8	70.7
James Sprunt	170,957	121,267	70.9	70.9	71.7	71.9	70.1
Johnston	473,378	341,123	72.1	70.8	70.7	71.8	72.1
Lenoir	427,081	321,439	75.3	73.2	73.1	73.2	73.7
Martin	229,431	170,782	74.4	74.4	74.4	74.5	74.5
Mayland	175,839	127,351	72.4	70.6	72.3	73.1	73.0

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2011	2010	2009	2008	2007
McDowell	159,319	117,076	73.5	73.5	73.1	73.1	73.1
Mitchell	398,657	267,258	67.0	68.3	68.2	69.7	69.7
Montgomery	129,642	91,051	70.2	70.0	70.4	70.1	70.2
Nash	258,515	169,106	65.4	65.4	65.4	65.3	65.2
Pamlico	86,035	55,243	64.2	64.5	64.5	64.5	72.1
Piedmont	182,713	141,771	77.6	77.6	77.6	76.7	76.6
Pitt	441,944	282,476	63.9	64.1	64.5	66.7	66.7
Randolph	343,609	259,858	75.6	75.4	76.0	75.3	75.3
Richmond	251,265	177,262	70.5	70.5	70.7	70.7	70.2
Roanoke-Chowan	167,421	117,209	70.0	70.0	70.0	70.9	71.1
Robeson	281,103	202,574	72.1	69.2	70.2	71.2	71.2
Rockingham	327,731	232,027	70.8	70.8	70.4	70.4	70.3
Rowan-Cabarrus	518,864	380,573	73.3	73.1	74.9	75.0	75.6
Sampson	199,414	139,057	69.7	69.7	69.8	69.7	69.7
Sandhills	461,087	304,268	66.0	66.0	66.6	66.6	66.6
South Piedmont	462,646	271,477	58.7	75.6	75.6	75.9	76.0
Southeastern	250,754	181,610	72.4	72.3	72.5	72.5	72.7
Southwestern	260,468	185,737	71.3	71.0	71.0	71.0	71.0
Stanly	208,656	147,198	70.5	70.8	71.0	71.0	71.0
Surry	433,697	302,761	69.8	70.7	70.7	70.7	70.5
Tri-County	153,889	117,544	76.4	76.6	75.7	75.7	75.5
Vance-Granville	390,209	246,527	63.2	62.8	63.0	63.0	63.0
Wake	1,373,393	748,527	54.5	63.3	64.6	65.0	62.6
Wayne	389,067	242,421	62.3	62.2	62.2	62.2	62.2
Western Piedmont	398,812	286,825	71.9	72.0	72.0	73.6	74.6
Wilkes	410,580	294,999	71.8	71.7	72.0	72.0	72.0
Wilson	209,319	144,959	69.3	69.3	69.4	70.8	70.8
Subtotal	26,008,497	16,530,573	63.6	64.6	65.6	65.8	66.0
Private Institutions							
NC Private Universities							
Barton	495,166	350,454	70.8	70.8	70.8	70.7	71.2
Campbell	1,552,514	1,067,622	68.8	69.2	69.6	70.1	70.4
HS1077	450,476	-	-	54.9	-	-	-
Mars Hill	791,814	538,621	68.0	68.0	68.0	68.2	69.3
Pfeiffer	558,149	373,545	66.9	70.0	70.3	70.8	70.8
Subtotal	3,848,119	2,330,242	60.6	67.6	69.5	69.9	70.3
Grand Total	111,929,985	64,099,524	57.3	57.9	58.9	59.4	59.9

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.

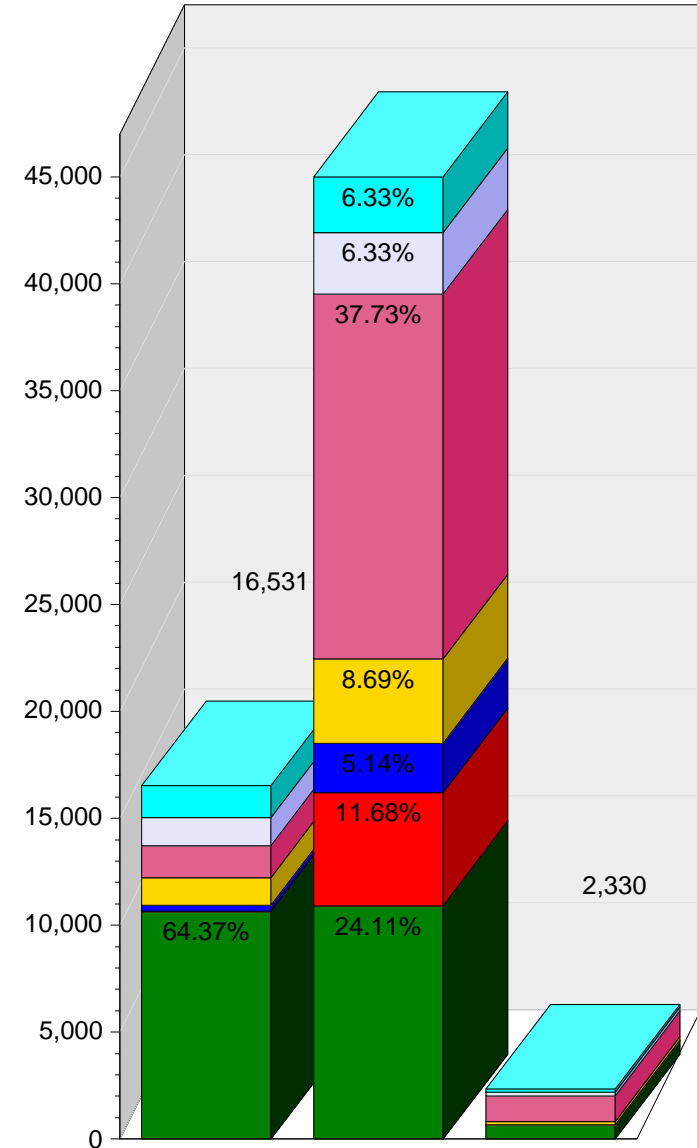
- 10** **Instruction Program.** This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading 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

1000s of
Square Feet

45,239



Pct

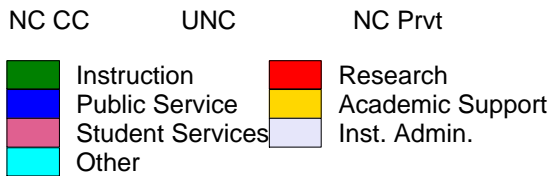
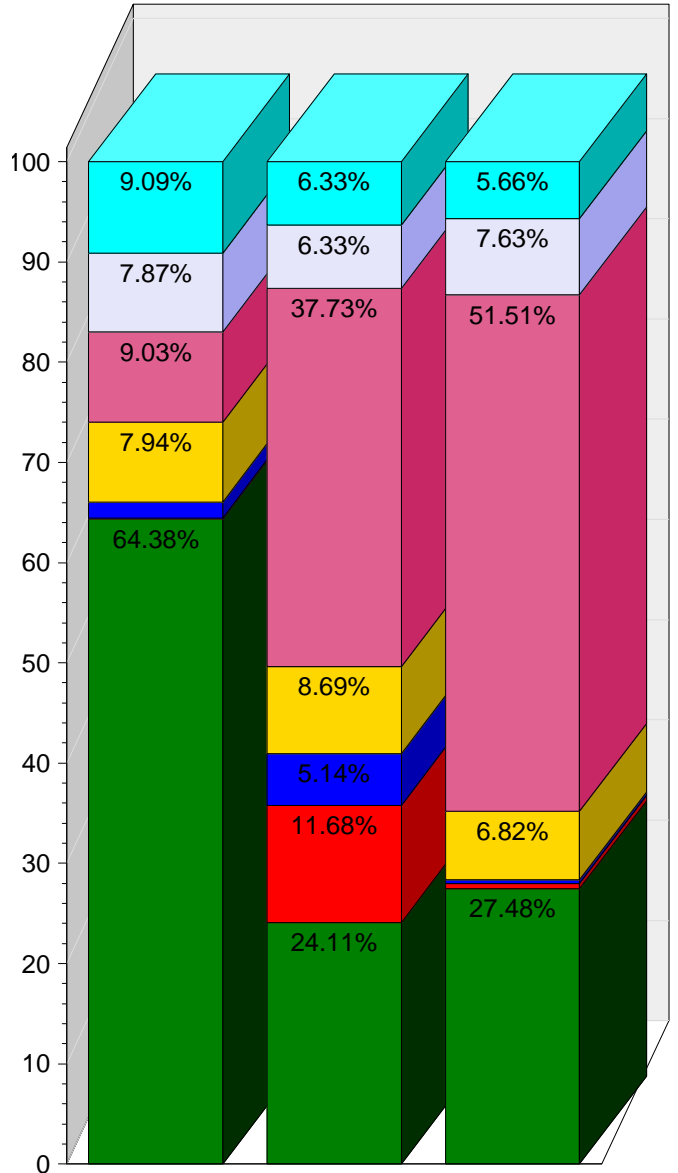


Table 14. Percentage Distribution of Assignable Area by Summary Programs

	Assignable Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Suport 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Public Institutions										
Research Universities I										
NC State	8,194,386	20.1	30.2	3.7	6.4	29.3	5.8	1.2	1.1	2.2
NC State Veterinary Med	423,800	22.1	33.8	29.2	6.1	1.5	0.4	2.1	0.5	4.1
UNC-Chapel Hill	6,927,035	21.3	6.5	0.8	11.6	47.5	6.2	3.1	0.8	2.3
UNC-Chapel Hill Health Aff.	2,487,837	22.1	47.7	10.7	8.9	0.8	2.1	0.3	1.3	6.1
Subtotal	18,033,058	20.9	23.6	4.1	8.7	31.7	5.3	1.8	1.0	2.8
Doctoral Universities I and II										
East Carolina	3,296,007	29.1	1.7	0.4	6.9	42.7	5.5	3.0	1.4	9.4
East Carolina Health Aff.	769,480	26.1	22.8	28.8	13.0	0.2	5.5	2.6	-	1.0
NC A&T	2,236,738	35.7	6.8	1.1	13.1	29.5	11.6	1.4	0.7	0.1
UNC Charlotte	3,130,706	26.2	7.7	0.5	9.9	47.2	5.0	1.6	-	2.0
UNC Greensboro	2,833,599	22.6	5.6	0.5	10.7	39.6	7.9	2.3	1.8	9.1
Subtotal	12,266,530	27.9	6.4	2.4	10.0	38.0	7.0	2.2	0.9	5.2
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,738,114	27.6	0.6	2.8	5.7	53.2	4.8	1.7	2.3	1.2
Fayetteville	788,724	34.4	2.0	0.1	12.7	43.0	5.2	1.6	0.7	0.3
NC Central	1,452,483	32.3	2.6	0.5	10.7	35.6	6.5	0.7	0.2	10.9
UNC Pembroke	978,642	27.0	0.2	0.2	7.9	54.4	8.3	2.0	-	0.0
UNC Wilmington	2,146,418	20.6	5.2	1.2	8.1	54.4	8.3	1.1	0.0	1.1
Western Carolina	1,940,454	22.4	1.5	0.2	10.2	53.5	7.4	3.0	1.0	0.7
Winston-Salem	1,085,813	25.7	0.5	0.4	9.0	51.9	7.1	1.2	0.8	3.4
Subtotal	11,130,648	26.2	2.0	1.1	8.6	50.4	6.7	1.6	0.9	2.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	864,122	31.7	0.3	2.2	5.7	48.4	6.2	0.9	-	4.6
UNC Asheville	849,360	24.6	1.7	1.6	10.0	48.0	5.0	4.8	1.2	3.1
Subtotal	1,713,482	28.2	1.0	1.9	7.8	48.2	5.6	2.8	0.6	3.8
Schools of Art, Music, and Design										
UNC School of the Arts	736,689	42.0	-	3.4	4.5	34.1	7.1	1.9	0.3	6.7
Subtotal	736,689	42.0	-	3.4	4.5	34.1	7.1	1.9	0.3	6.7
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	237,543	72.2	-	1.2	7.5	7.3	9.9	1.8	0.1	0.0
Asheville-Buncombe	526,270	62.8	-	1.9	5.0	5.3	5.0	0.9	10.4	8.8
Beaufort Co.	171,008	63.6	-	3.4	7.1	8.3	10.1	3.7	3.8	0.0
Bladen	112,520	58.6	-	0.6	13.1	14.0	7.7	5.4	0.7	0.0
Blue Ridge	289,926	63.4	-	0.0	6.2	14.8	5.6	3.9	6.1	0.0
Brunswick	244,941	43.3	-	1.0	3.7	7.2	7.1	2.6	28.4	6.7
Caldwell	339,356	66.9	-	0.0	5.8	11.6	4.5	4.3	6.8	0.1
Cape Fear	486,292	70.5	-	0.0	8.9	7.9	6.5	3.8	1.9	0.6
Carteret	164,647	74.4	-	-	7.0	7.5	9.0	1.1	1.0	0.0
Catawba Valley	360,392	72.2	-	-	8.8	4.8	5.4	-	4.5	4.3
Central Carolina	372,982	77.4	-	0.6	4.6	6.9	5.2	0.3	4.9	0.1
Central Piedmont	1,255,131	68.8	-	-	6.4	7.5	8.1	3.0	1.7	4.5
Cleveland	199,079	69.7	-	1.9	12.0	6.1	8.8	1.2	0.1	0.1
Coastal Carolina	225,546	73.5	-	0.1	10.6	7.7	6.0	2.0	-	0.0
Coll. of Albemarle	234,290	66.7	-	8.8	6.3	6.9	9.9	1.4	0.0	0.1
Craven	207,789	68.1	-	4.4	10.4	4.3	7.6	0.4	4.9	0.0
Davidson County	306,081	63.1	-	2.9	10.6	7.1	10.4	3.5	2.0	0.3
Durham	339,744	63.3	-	-	10.0	4.4	7.7	12.0	2.6	0.0
Edgecombe	168,825	57.9	-	12.7	8.3	8.5	7.0	1.3	4.0	0.3
Fayetteville	584,955	68.8	-	1.3	10.5	8.3	8.5	2.6	0.1	0.0
Forsyth	511,708	68.2	-	0.8	8.8	8.4	6.6	1.4	3.8	2.0
Gaston	463,835	70.6	3.2	-	6.4	9.0	7.6	0.6	1.1	1.6
Guilford	891,777	63.0	-	0.7	6.5	6.1	7.6	2.5	1.1	12.6
Halifax	187,362	54.1	-	13.9	8.2	9.0	8.8	2.4	3.5	0.0
Haywood	241,956	59.8	-	0.1	7.0	10.1	12.0	5.1	0.1	5.8
Isothermal	217,262	64.7	-	10.4	6.2	6.1	6.7	3.4	2.5	0.0
James Sprunt	121,267	61.6	-	2.8	13.2	9.9	8.1	3.3	1.2	0.0
Johnston	341,123	62.4	-	0.4	10.6	12.9	9.3	3.6	0.9	0.0
Lenoir	321,439	65.3	-	1.4	7.3	9.4	6.7	1.7	8.1	0.0
Martin	170,782	45.1	-	1.4	7.9	38.7	3.8	2.3	0.6	0.0

Table 14. Percentage Distribution of Assignable Area by Summary Programs

	Assignable Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Suport 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Mayland	127,351	51.9	-	1.7	9.9	9.3	7.5	3.3	5.0	11.5
McDowell	117,076	64.3	-	1.7	6.5	7.2	9.7	5.0	5.6	0.0
Mitchell	267,258	60.4	-	0.1	6.9	14.6	9.8	1.3	1.9	4.9
Montgomery	91,051	65.1	-	0.3	9.2	11.2	8.3	2.4	2.6	0.9
Nash	169,106	65.7	-	0.3	8.0	7.9	7.4	1.8	8.9	0.0
Pamlico	55,243	67.2	-	0.8	10.7	7.7	8.7	3.8	1.1	0.0
Piedmont	141,771	59.1	-	4.3	6.8	12.9	13.5	3.3	0.2	0.0
Pitt	282,476	67.9	-	-	11.7	11.4	8.2	0.6	0.0	0.2
Randolph	259,858	62.9	-	-	5.2	9.0	17.6	0.5	4.8	0.0
Richmond	177,262	58.1	-	17.4	7.9	6.4	8.3	0.6	1.4	0.0
Roanoke-Chowan	117,209	43.3	-	2.3	9.6	14.4	8.6	3.6	18.3	0.0
Robeson	202,574	60.0	-	0.2	6.7	12.2	10.0	1.0	6.9	3.0
Rockingham	232,027	67.8	-	1.4	8.3	9.3	8.6	0.8	1.6	2.2
Rowan-Cabarrus	380,573	60.7	-	2.4	9.8	8.0	8.3	3.4	2.8	4.6
Sampson	139,057	64.0	-	0.9	10.1	9.0	7.4	2.2	6.3	0.0
Sandhills	304,268	63.7	-	-	8.1	17.4	7.0	2.3	1.4	0.0
South Piedmont	271,477	39.0	-	5.2	4.5	9.0	6.6	1.1	7.4	27.2
Southeastern	181,610	60.6	-	2.3	9.5	6.6	6.4	1.4	2.0	11.2
Southwestern	185,737	63.6	-	-	10.3	12.8	9.1	1.9	2.3	0.0
Stanly	147,198	63.9	-	0.6	6.7	10.1	11.7	3.0	3.0	0.9
Surry	302,761	74.7	-	-	8.5	6.1	6.1	1.4	3.2	0.0
Tri-County	117,544	69.4	-	0.1	8.8	7.9	13.6	0.2	-	0.0
Vance-Granville	246,527	66.3	-	7.7	9.4	6.5	8.3	0.4	1.4	0.0
Wake	748,527	68.2	-	-	7.4	8.1	7.0	2.2	0.8	6.3
Wayne	242,421	62.3	-	-	12.8	9.6	6.5	4.8	4.0	0.0
Western Piedmont	286,825	52.7	-	-	8.0	8.1	6.7	2.5	4.5	17.5
Wilkes	294,999	52.4	-	0.1	7.9	20.0	6.7	7.1	5.4	0.4
Wilson	144,959	67.3	-	0.4	7.3	8.9	14.2	1.9	-	0.0
Subtotal	16,530,573	64.4	0.1	1.6	7.9	9.0	7.9	2.5	3.4	3.2
Private Institutions										
NC Private Universities										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,067,622	25.4	1.2	-	5.9	57.7	5.9	2.4	1.3	0.1
Mars Hill	538,621	28.0	-	1.3	7.3	49.3	6.0	1.8	0.1	6.3
Pfeiffer	373,545	27.7	-	0.4	6.9	42.6	11.6	2.1	-	8.6
Subtotal	2,330,242	27.5	0.5	0.4	6.8	51.5	7.6	2.1	0.6	2.9
Grand Total	64,099,524	34.6	8.3	4.1	8.4	30.8	6.8	2.1	1.5	3.4

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 the 21 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	19.9	-	-	0.2	0.0	-	-	-
NC State Veterinary Med	22.1	-	-	-	-	-	-	-
UNC-Chapel Hill	20.4	-	-	0.6	0.3	-	-	-
UNC-Chapel Hill Health Aff.	21.5	-	0.0	0.2	0.4	-	-	-
Subtotal	20.4	-	0.0	0.3	0.2	-	-	-
Doctoral Universities I and II								
East Carolina	29.0	-	0.0	-	-	-	-	-
East Carolina Health Aff.	26.1	-	0.0	-	-	-	-	-
NC A&T	35.7	-	-	-	-	-	-	-
UNC Charlotte	26.0	-	-	-	0.2	-	-	-
UNC Greensboro	22.6	-	0.0	-	0.0	-	-	-
Subtotal	27.8	-	0.0	-	0.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	27.6	-	-	-	-	-	-	-
Fayetteville	34.0	-	-	0.3	-	-	-	-
NC Central	32.2	-	0.0	-	-	-	-	-
UNC Pembroke	27.0	-	-	-	-	-	-	-
UNC Wilmington	20.5	-	-	0.0	0.1	-	-	-
Western Carolina	22.0	-	-	0.2	-	-	-	0.3
Winston-Salem	25.6	-	0.2	-	-	-	-	-
Subtotal	26.1	-	0.0	0.1	0.0	-	-	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	31.2	-	0.3	0.2	-	-	-	-
UNC Asheville	24.2	-	-	0.4	-	-	-	-
Subtotal	27.7	-	0.2	0.3	-	-	-	-
Schools of Art, Music, and Design								
UNC School of the Arts	42.0	-	-	-	-	-	-	-
Subtotal	42.0	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
Subtotal	0.5	-	-	0.5	-	-	-	-
Community Colleges								
Alamance	10.4	47.9	-	8.1	5.6	0.1	-	-
Asheville-Buncombe	11.8	37.7	1.3	0.9	7.3	1.1	1.8	0.9
Beaufort Co.	-	49.6	1.2	1.2	11.7	-	-	-
Bladen	9.0	48.3	-	0.6	0.6	-	-	-
Blue Ridge	17.9	39.6	1.1	1.2	3.6	-	-	0.0
Brunswick	0.4	30.1	-	9.8	3.1	-	-	-
Caldwell	12.7	39.8	1.5	10.9	2.0	-	-	-
Cape Fear	12.7	50.6	0.1	3.6	3.5	-	-	-
Carteret	3.2	68.7	0.1	1.0	0.8	-	-	0.6
Catawba Valley	20.1	40.5	2.4	0.7	8.5	-	-	0.0
Central Carolina	4.2	63.8	4.2	2.8	2.4	-	-	-
Central Piedmont	22.9	34.3	0.2	4.3	7.0	-	-	-
Cleveland	10.9	54.3	0.7	2.0	0.6	-	1.1	-
Coastal Carolina	26.0	35.5	0.8	1.7	9.5	-	-	-
Coll. of Albemarle	11.2	38.9	0.3	8.1	8.1	-	-	-
Craven	20.1	39.9	2.4	1.7	4.1	-	-	-
Davidson County	24.4	33.0	2.4	1.6	1.7	-	0.1	-
Durham	0.7	55.3	-	6.2	1.2	-	-	-
Edgecombe	2.5	47.0	0.1	3.9	4.3	0.1	-	-
Fayetteville	0.9	50.4	-	7.3	9.2	-	0.8	0.1
Forsyth	8.0	51.3	1.7	1.3	3.2	-	0.2	2.6
Gaston	22.1	36.8	1.0	6.4	4.1	0.1	-	-
Guilford	3.7	48.1	1.9	4.0	5.1	-	-	0.2
Halifax	12.5	39.7	0.0	1.5	0.4	-	-	-
Haywood	-	53.4	0.1	0.5	4.2	-	-	1.6
Isothermal	26.7	29.5	1.0	5.3	1.4	-	-	0.8
James Sprunt	13.0	37.1	0.5	8.0	3.0	-	-	-
Johnston	-	54.9	0.5	1.8	5.3	-	-	-
Lenoir	14.8	34.0	3.0	11.7	0.7	-	-	1.1

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
Martin	7.5	27.1	2.1	4.1	3.4	-	-	0.9
Mayland	5.3	35.5	1.2	5.1	4.8	-	-	-
McDowell	7.2	48.0	0.6	3.7	4.8	-	-	-
Mitchell	27.4	18.0	0.1	11.1	3.5	-	-	0.3
Montgomery	0.2	59.1	2.9	0.7	2.3	-	-	-
Nash	18.7	32.7	-	1.5	11.5	1.3	-	-
Pamlico	16.3	39.8	-	2.6	8.4	-	-	-
Piedmont	2.3	47.3	1.4	5.6	2.5	-	-	-
Pitt	12.6	46.3	1.9	2.7	3.3	0.9	-	0.1
Randolph	-	48.4	0.6	6.2	7.8	-	-	-
Richmond	3.5	46.7	0.1	7.5	0.3	-	-	-
Roanoke-Chowan	7.0	30.1	1.6	0.9	3.2	0.5	-	-
Robeson	8.3	38.0	-	8.0	5.6	-	-	-
Rockingham	26.9	33.5	-	0.9	6.5	-	-	-
Rowan-Cabarrus	7.1	45.4	0.4	3.4	4.2	-	-	-
Sampson	0.6	54.1	1.8	3.9	1.7	0.8	1.1	0.1
Sandhills	20.7	29.5	1.3	2.6	9.7	-	-	-
South Piedmont	4.7	28.6	2.7	1.6	1.4	-	-	-
Southeastern	15.0	26.3	5.9	1.4	12.1	-	-	-
Southwestern	15.6	31.5	2.1	3.7	10.8	-	-	-
Stanly	-	44.6	7.2	0.1	12.0	-	-	-
Surry	22.3	31.3	0.5	3.4	17.1	-	-	-
Tri-County	9.5	53.3	1.3	0.8	3.8	-	0.0	0.6
Vance-Granville	11.9	43.4	0.3	5.4	5.1	-	-	0.1
Wake	16.2	37.4	-	6.3	8.1	-	-	0.2
Wayne	9.9	40.8	-	9.9	1.7	-	-	-
Western Piedmont	22.2	18.0	-	12.0	0.5	-	-	-
Wilkes	17.7	28.7	-	3.9	2.2	-	-	-
Wilson	5.2	45.9	8.7	3.4	4.0	-	-	-
Subtotal	12.1	41.1	1.1	4.4	5.2	0.1	0.1	0.2
Private Institutions								
NC Private Universities								
Barton	32.7	-	-	-	-	-	-	-
Campbell	25.4	-	-	-	-	-	-	-
Mars Hill	28.0	-	-	-	-	-	-	-
Pfeiffer	27.7	-	-	-	-	-	-	-
Subtotal	27.5	-	-	-	-	-	-	-
Grand Total	20.9	10.6	0.3	1.3	1.4	0.0	0.0	0.1

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
Public Institutions							
Research Universities I							
NC State	5.8	24.4	-	-	2.0	1.7	0.0
NC State Veterinary Med	-	33.8	17.3	12.0	-	-	-
UNC-Chapel Hill	0.3	6.2	0.0	0.1	0.4	0.1	0.1
UNC-Chapel Hill Health Aff.	2.2	45.5	4.4	5.7	0.4	0.1	-
Subtotal	3.1	20.5	1.0	1.1	1.1	0.8	0.1
Doctoral Universities I and II							
East Carolina	0.3	1.4	-	0.0	0.4	-	0.0
East Carolina Health Aff.	-	22.8	17.2	10.9	0.7	-	-
NC A&T	2.4	4.4	-	-	0.3	0.7	0.1
UNC Charlotte	3.1	4.6	-	-	0.5	-	-
UNC Greensboro	-	5.6	0.4	-	0.1	-	-
Subtotal	1.3	5.1	1.2	0.7	0.4	0.1	0.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	0.2	0.5	0.4	-	2.4	-	-
Fayetteville	-	2.0	-	-	0.1	-	0.0
NC Central	1.2	1.5	-	-	0.3	-	0.1
UNC Pembroke	-	0.2	-	-	0.2	-	-
UNC Wilmington	2.8	2.4	-	-	1.2	-	-
Western Carolina	0.8	0.7	-	-	0.2	-	0.0
Winston-Salem	-	0.5	-	-	0.3	-	0.0
Subtotal	0.9	1.1	0.1	-	1.0	-	0.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	0.3	-	-	1.9	-	0.3
UNC Asheville	0.2	1.5	-	-	1.6	-	-
Subtotal	0.1	0.9	-	-	1.7	-	0.2
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	3.4	-	-
Subtotal	-	-	-	-	3.4	-	-
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	0.6	-
Beaufort Co.	-	-	-	-	3.4	-	0.0
Bladen	-	-	-	-	0.6	-	-
Blue Ridge	-	-	-	-	0.0	-	-
Brunswick	-	-	-	-	1.0	-	-
Caldwell	-	-	-	-	0.0	-	-
Cape Fear	-	-	-	-	0.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	0.2	0.4	-	-
Central Piedmont	-	-	-	-	-	-	-
Cleveland	-	-	-	-	1.9	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
Coll. of Albemarle	-	-	-	-	8.8	-	-
Craven	-	-	-	-	3.0	-	1.3
Davidson County	-	-	-	-	2.9	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	12.7	-	-
Fayetteville	-	-	-	-	1.3	-	-
Forsyth	-	-	-	-	0.8	-	-
Gaston	-	3.2	-	-	-	-	-
Guilford	-	-	-	-	0.7	-	-
Halifax	-	-	-	-	13.9	-	-
Haywood	-	-	-	-	0.1	-	-
Isothermal	-	-	-	-	9.1	-	1.3
James Sprunt	-	-	-	-	2.8	-	-
Johnston	-	-	-	-	0.4	-	-
Lenoir	-	-	-	-	1.4	-	-

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
Martin	-	-	-	-	1.4	-	-
Mayland	-	-	-	-	1.7	-	-
McDowell	-	-	-	-	1.7	-	-
Mitchell	-	-	-	-	0.1	-	-
Montgomery	-	-	-	-	0.3	-	-
Nash	-	-	-	-	0.3	-	-
Pamlico	-	-	-	-	0.8	-	-
Piedmont	-	-	-	-	4.3	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	-	-	-
Richmond	-	-	-	-	17.4	-	-
Roanoke-Chowan	-	-	-	-	2.3	-	-
Robeson	-	-	-	-	0.1	0.1	-
Rockingham	-	-	-	-	1.4	-	-
Rowan-Cabarrus	-	-	-	-	2.2	0.2	-
Sampson	-	-	-	-	0.9	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	5.2	-	-
Southeastern	-	-	-	-	1.6	-	0.7
Southwestern	-	-	-	-	-	-	-
Stanly	-	-	-	-	0.6	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	0.1	-	-
Vance-Granville	-	-	-	-	7.7	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	0.1	0.0	-	-
Wilson	-	-	-	-	0.4	-	-
Subtotal	-	0.1	-	0.0	1.5	0.0	0.0
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	1.2	-	-	-	-	-
Mars Hill	-	-	-	-	1.3	-	-
Pfeiffer	-	-	-	-	0.4	-	-
Subtotal	-	0.5	-	-	0.4	-	-
Grand Total	1.3	7.0	1.2	1.5	1.0	0.3	0.0

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms 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	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
Public Institutions								
Research Universities I								
NC State	3.3	-	0.1	0.3	0.1	2.5	-	0.0
NC State Veterinary Med	3.1	-	0.5	0.4	-	2.1	-	-
UNC-Chapel Hill	8.7	0.5	0.1	0.6	0.2	1.3	0.0	0.2
UNC-Chapel Hill Health Aff.	2.6	0.0	0.0	0.1	2.1	3.9	0.0	0.0
Subtotal	5.3	0.2	0.1	0.4	0.4	2.2	0.0	0.1
Doctoral Universities I and II								
East Carolina	5.6	0.2	0.2	0.0	-	0.8	-	-
East Carolina Health Aff.	9.6	-	0.5	-	0.0	2.9	-	-
NC A&T	5.1	0.7	0.1	0.3	4.1	2.8	-	-
UNC Charlotte	5.5	0.0	0.3	0.5	-	3.4	0.0	0.1
UNC Greensboro	4.8	0.9	0.2	0.3	0.7	3.7	-	0.0
Subtotal	5.6	0.4	0.2	0.3	0.9	2.6	0.0	0.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3.9	-	0.3	0.3	0.3	0.8	-	-
Fayetteville	8.4	0.3	0.6	0.8	0.8	1.8	-	-
NC Central	7.0	0.3	0.3	0.6	0.6	1.8	-	-
UNC Pembroke	3.8	0.8	0.2	0.3	-	2.9	-	0.0
UNC Wilmington	5.3	0.2	-	0.5	-	2.0	-	0.1
Western Carolina	6.1	0.9	0.1	0.1	0.2	2.6	-	0.2
Winston-Salem	4.0	1.1	0.2	0.5	0.2	2.9	-	-
Subtotal	5.3	0.4	0.2	0.4	0.3	1.9	-	0.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	3.7	0.1	-	0.4	0.5	1.0	-	-
UNC Asheville	8.0	0.2	0.7	0.8	-	0.3	-	0.0
Subtotal	5.9	0.1	0.3	0.6	0.3	0.6	-	0.0
Schools of Art, Music, and Design								
UNC School of the Arts	2.5	0.2	0.0	0.0	0.1	1.7	-	-
Subtotal	2.5	0.2	0.0	0.0	0.1	1.7	-	-
Teaching Hospitals								
UNC Hospitals	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	4.6	0.4	-	-	1.0	1.6	-	-
Asheville-Buncombe	3.8	-	0.5	0.2	0.5	0.1	-	-
Beaufort Co.	5.3	-	0.9	0.1	-	0.8	-	-
Bladen	10.7	-	-	-	-	2.4	-	-
Blue Ridge	4.1	0.0	0.7	-	-	1.0	-	0.4
Brunswick	2.5	-	0.3	0.2	-	0.6	-	-
Caldwell	3.8	-	0.7	-	-	1.3	-	-
Cape Fear	6.2	0.0	0.7	0.0	1.1	1.0	-	-
Carteret	3.8	-	-	-	1.7	1.5	-	-
Catawba Valley	5.0	0.1	0.9	0.5	1.4	0.9	-	-
Central Carolina	3.8	-	0.2	-	0.2	0.4	-	-
Central Piedmont	4.4	0.1	0.7	0.2	-	0.7	0.0	0.3
Cleveland	7.2	0.3	3.1	-	-	1.4	-	-
Coastal Carolina	7.3	-	0.1	0.1	-	3.1	-	-
Coll. of Albemarle	4.6	0.3	0.1	-	-	1.2	-	-
Craven	7.8	-	-	0.0	-	2.2	-	0.2
Davidson County	7.6	-	0.2	-	2.0	0.8	-	-
Durham	4.5	-	0.4	0.1	-	4.4	0.4	0.1
Edgecombe	6.2	-	0.6	-	-	1.4	0.1	-
Fayetteville	4.1	0.1	1.3	0.1	2.0	2.8	-	-
Forsyth	3.5	-	0.4	0.5	-	3.9	0.2	0.4
Gaston	3.3	0.5	0.4	0.1	0.7	1.5	-	-
Guilford	3.1	-	0.3	0.0	2.1	1.0	-	-
Halifax	5.4	-	-	-	1.6	1.2	-	-
Haywood	5.9	0.2	0.1	-	-	0.9	-	-
Isothermal	4.9	-	-	-	-	1.3	-	-
James Sprunt	6.4	0.5	0.1	2.5	-	3.6	-	0.1
Johnston	7.0	0.9	0.6	-	1.3	0.7	-	-
Lenoir	5.2	0.9	0.1	0.0	-	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
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	6.6	-	0.5	-	1.1	1.6	-	-
McDowell	4.4	0.4	-	-	-	1.7	-	-
Mitchell	3.8	0.3	0.7	-	-	2.2	-	-
Montgomery	8.6	-	-	-	-	0.6	-	-
Nash	6.6	0.3	-	-	-	1.0	-	0.0
Pamlico	8.9	-	0.3	-	-	1.6	-	-
Piedmont	4.5	-	0.3	0.1	0.3	1.6	-	-
Pitt	7.6	-	0.1	0.2	0.8	3.0	-	-
Randolph	3.3	-	0.4	0.0	-	1.4	-	-
Richmond	6.0	-	0.7	0.4	-	0.8	-	-
Roanoke-Chowan	8.1	-	-	-	-	1.5	-	-
Robeson	5.4	-	0.1	-	-	1.2	-	-
Rockingham	5.3	0.8	0.3	-	1.2	0.7	-	-
Rowan-Cabarrus	5.6	-	0.5	0.3	-	3.0	-	0.3
Sampson	8.8	-	-	0.1	-	1.2	-	-
Sandhills	6.1	0.4	0.6	-	0.5	0.5	-	-
South Piedmont	3.6	-	0.5	-	-	0.4	-	-
Southeastern	5.7	0.2	1.1	0.4	1.6	0.5	-	-
Southwestern	5.0	-	0.4	0.1	1.7	3.2	-	-
Stanly	4.9	-	1.1	0.1	-	0.5	-	-
Surry	7.6	-	0.0	0.1	-	0.7	-	-
Tri-County	4.8	-	-	0.1	2.9	1.0	-	-
Vance-Granville	5.2	-	-	-	2.5	1.6	-	-
Wake	5.0	-	0.6	-	1.3	0.4	-	-
Wayne	8.0	-	1.3	0.1	1.4	2.1	-	-
Western Piedmont	5.2	-	0.2	-	-	2.6	-	-
Wilkes	6.0	0.1	0.1	-	1.0	0.7	-	-
Wilson	4.8	-	0.2	-	-	2.3	-	-
Subtotal	5.1	0.1	0.5	0.1	0.6	1.4	0.0	0.1
Private Institutions								
NC Private Universities								
Barton	6.9	0.7	0.4	-	-	0.7	-	-
Campbell	4.2	0.4	0.5	0.0	0.1	0.7	-	-
Mars Hill	4.7	0.9	1.2	-	-	0.5	-	-
Pfeiffer	6.0	-	0.0	-	-	0.8	-	0.1
Subtotal	5.0	0.5	0.6	0.0	0.0	0.7	-	0.0
Grand Total	5.2	0.3	0.3	0.3	0.5	1.9	0.0	0.0

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	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
Public Institutions												
Research Universities I												
NC State	0.2	3.4	0.1	0.1	20.1	4.9	0.5	0.1	0.3	0.1	0.2	0.4
NC State Veterinary Med	-	0.0	-	-	1.5	-	-	0.0	0.4	0.1	1.1	0.5
UNC-Chapel Hill	0.6	2.6	0.3	0.1	34.2	9.1	0.5	0.3	0.8	0.4	0.9	0.4
UNC-Chapel Hill Health Aff.	0.2	0.0	0.0	-	0.6	-	-	-	0.0	0.2	0.1	0.0
Subtotal	0.4	2.5	0.2	0.1	22.4	5.7	0.4	0.2	0.4	0.2	0.5	0.3
Doctoral Universities I and II												
East Carolina	0.1	7.8	0.2	0.1	29.6	4.5	0.3	0.4	1.8	0.1	-	0.5
East Carolina Health Aff.	-	-	-	-	0.2	-	-	-	-	0.1	2.5	-
NC A&T	0.2	3.0	0.5	0.3	24.0	1.3	0.3	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	0.3	7.8	0.3	0.1	35.9	2.3	0.5	0.9	0.6	0.1	0.0	-
UNC Greensboro	0.2	3.2	0.4	0.2	32.4	2.3	0.8	0.2	0.9	0.0	0.7	0.4
Subtotal	0.2	5.4	0.3	0.1	29.0	2.6	0.5	0.4	1.0	0.1	0.4	0.2
Master's (Comprehensive) Universities and Colleges I												
Appalachian	-	10.3	0.4	0.3	38.3	3.4	0.5	0.5	0.9	-	0.2	-
Fayetteville	0.8	6.7	0.6	0.1	30.4	3.9	0.6	0.4	0.3	0.1	0.2	0.6
NC Central	0.5	3.4	0.3	0.3	28.2	2.7	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	5.7	0.3	0.4	44.8	2.3	0.3	0.7	0.7	0.3	0.3	0.1
UNC Wilmington	0.8	6.6	0.4	-	42.0	4.1	0.4	0.3	0.2	0.2	0.2	0.2
Western Carolina	0.1	10.7	0.5	0.1	38.4	3.4	0.3	2.4	0.4	0.0	0.1	0.1
Winston-Salem	0.1	5.0	0.3	0.2	41.8	3.7	0.7	0.2	0.4	0.3	0.1	0.2
Subtotal	0.3	7.6	0.4	0.2	38.1	3.4	0.4	0.7	0.5	0.1	0.2	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.1	5.4	0.1	0.2	40.3	1.7	0.6	0.5	0.4	-	0.1	-
UNC Asheville	0.3	12.3	0.3	-	27.0	7.8	0.2	-	2.4	0.0	2.4	-
Subtotal	0.2	8.8	0.2	0.1	33.7	4.7	0.4	0.2	1.4	0.0	1.2	-
Schools of Art, Music, and Design												
UNC School of the Arts	0.1	10.0	0.2	0.4	22.9	-	0.6	0.4	0.4	-	-	0.9
Subtotal	0.1	10.0	0.2	0.4	22.9	-	0.6	0.4	0.4	-	-	0.9
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	-	-	0.2	1.6	-	-	-
Asheville-Buncombe	0.3	0.8	0.6	0.3	3.3	-	-	0.1	0.3	0.5	-	-
Beaufort Co.	1.1	1.5	0.9	0.6	4.2	-	-	-	3.7	-	-	-
Bladen	0.4	7.9	1.0	0.2	4.6	-	-	-	3.1	0.4	0.2	1.7
Blue Ridge	0.3	9.6	1.1	-	3.8	-	-	-	2.2	0.6	-	1.0
Brunswick	0.4	0.7	0.1	0.3	5.6	-	0.0	-	2.4	0.1	-	0.1
Caldwell	0.0	7.1	1.6	0.2	2.7	-	-	0.0	4.2	-	-	0.0
Cape Fear	3.4	0.6	0.4	0.1	3.4	-	-	0.0	3.3	0.4	-	-
Carteret	0.8	1.7	1.9	0.1	3.1	-	-	0.9	-	0.1	-	0.1
Catawba Valley	0.1	2.3	0.7	0.0	1.8	-	-	-	-	-	-	-
Central Carolina	0.4	2.1	0.4	0.0	3.9	-	-	-	-	0.0	0.2	-
Central Piedmont	1.5	3.1	0.4	0.3	2.2	-	-	0.3	2.1	0.2	-	0.4
Cleveland	0.3	3.3	-	0.4	2.2	-	-	0.1	1.0	0.1	-	-
Coastal Carolina	-	1.9	1.6	0.1	4.1	-	-	0.2	1.7	0.1	-	-
Coll. of Albemarle	2.3	2.0	0.6	0.9	1.1	-	-	-	1.4	-	-	-
Craven	0.4	2.2	0.1	-	1.6	-	-	-	0.4	-	-	-
Davidson County	0.7	0.8	1.0	0.2	4.4	-	-	-	3.5	-	-	-
Durham	0.8	0.7	1.4	0.3	1.2	-	-	0.8	10.4	0.2	-	0.5
Edgecombe	0.6	6.1	0.2	0.3	1.3	-	-	0.7	0.6	0.0	-	-
Fayetteville	0.5	3.4	1.0	0.3	3.1	-	0.1	0.6	1.1	0.4	-	0.5
Forsyth	0.5	2.1	1.3	0.4	4.1	0.0	-	0.1	1.1	0.2	-	0.0
Gaston	0.8	4.0	0.6	0.4	3.2	-	0.0	-	0.3	0.1	0.0	0.2
Guilford	0.1	2.0	0.8	0.1	2.9	0.1	0.0	0.3	1.1	0.5	0.1	0.4
Halifax	0.4	2.7	0.7	0.7	4.5	-	-	0.1	2.4	-	-	-
Haywood	0.2	5.6	0.3	0.2	3.8	-	-	1.0	2.3	0.2	-	1.6
Isothermal	0.3	2.8	0.8	0.2	2.0	-	-	0.4	2.3	0.4	0.3	-
James Sprunt	1.2	2.4	2.1	1.1	3.2	-	-	-	3.2	0.1	-	-
Johnston	0.5	5.2	1.4	0.7	5.1	-	-	0.0	2.5	0.2	-	0.9
Lenoir	-	6.5	0.1	0.3	1.8	0.7	-	0.3	1.0	-	-	0.4

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
Martin	0.8	34.1	0.5	0.2	3.0	-	-	0.1	1.9	0.2	-	-
Mayland	-	0.5	0.9	0.6	7.3	-	-	-	3.2	0.0	-	-
McDowell	0.4	-	1.3	0.1	5.4	-	-	-	2.9	-	-	2.1
Mitchell	1.0	6.3	1.2	0.4	5.7	-	-	0.1	1.1	0.2	-	-
Montgomery	0.6	4.7	0.5	0.3	5.1	-	-	0.1	2.1	0.1	-	-
Nash	0.7	0.0	1.0	0.3	5.8	-	-	-	1.8	-	-	-
Pamlico	1.5	-	1.5	0.2	4.5	-	-	-	3.8	-	-	-
Piedmont	3.4	0.7	2.7	0.2	5.8	-	-	-	2.4	0.1	-	0.8
Pitt	1.2	5.5	1.5	0.1	2.9	0.2	-	0.3	0.2	-	-	-
Randolph	1.0	1.4	0.9	0.6	5.1	-	-	0.2	0.0	0.2	-	-
Richmond	0.3	3.2	1.2	0.1	1.5	-	0.1	-	0.6	-	-	-
Roanoke-Chowan	-	10.2	1.2	0.2	2.7	-	-	-	-	-	-	3.6
Robeson	0.3	6.4	0.8	0.7	4.0	-	-	0.1	0.8	0.1	-	-
Rockingham	0.3	5.5	0.3	0.2	3.0	-	-	0.0	0.5	0.1	-	0.2
Rowan-Cabarrus	0.7	0.6	1.3	0.3	5.1	-	-	0.2	3.1	0.2	-	-
Sampson	0.1	3.1	1.0	0.1	4.7	-	-	0.1	2.1	-	-	-
Sandhills	0.1	5.2	1.1	0.3	10.7	-	-	0.1	1.8	0.1	0.0	0.3
South Piedmont	0.6	5.0	0.8	0.1	2.4	-	-	0.0	1.0	-	-	-
Southeastern	-	2.9	1.9	0.3	1.5	0.0	-	0.3	1.0	-	-	-
Southwestern	0.1	7.6	1.3	0.1	3.7	-	-	-	1.8	0.0	-	-
Stanly	1.2	2.9	0.9	0.5	4.7	-	-	0.1	2.9	-	-	-
Surry	0.5	0.7	0.5	0.2	4.1	0.1	-	0.0	1.3	0.1	-	-
Tri-County	0.5	4.4	0.9	0.3	1.8	-	-	-	-	-	0.2	-
Vance-Granville	1.3	-	0.7	0.4	4.0	-	-	-	0.4	-	-	-
Wake	0.6	1.8	2.0	0.3	3.4	0.1	0.0	0.3	1.9	-	-	-
Wayne	0.3	4.9	0.9	0.3	3.2	-	0.1	-	4.8	-	-	-
Western Piedmont	0.3	2.0	0.5	0.2	4.9	0.2	-	0.1	1.0	0.4	-	1.0
Wilkes	0.2	16.6	1.2	0.3	1.7	-	-	2.3	0.5	0.3	-	3.9
Wilson	0.3	3.8	0.9	0.7	3.2	-	-	0.3	1.4	0.2	-	-
Subtotal	0.7	3.6	0.9	0.3	3.5	0.0	0.0	0.2	1.8	0.2	0.0	0.3
Private Institutions												
NC Private Universities												
Barton	0.6	5.5	0.5	0.3	33.8	4.2	0.5	0.4	0.8	0.1	-	0.4
Campbell	0.3	4.3	0.4	0.2	42.9	9.3	0.2	0.1	2.1	0.2	-	0.1
Mars Hill	0.0	12.1	0.0	0.1	34.3	2.2	0.5	0.5	1.3	-	-	-
Pfeiffer	0.1	7.9	0.1	0.3	31.1	3.0	0.2	0.1	1.9	0.1	-	-
Subtotal	0.2	6.9	0.3	0.2	37.7	5.9	0.3	0.2	1.7	0.1	-	0.1
Grand Total	0.4	4.6	0.4	0.2	21.9	3.0	0.3	0.3	1.0	0.1	0.3	0.2

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

									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
Public Institutions												
Research Universities I												
NC State	0.3	0.1	2.4	1.1	1.0	0.6	0.1	0.0	0.0	1.0	1.7	0.5
NC State Veterinary Med	-	-	0.2	0.1	0.0	0.0	-	-	-	0.5	0.5	3.6
UNC-Chapel Hill	0.3	0.7	2.6	1.4	0.3	0.8	0.2	0.0	0.3	0.5	0.7	1.6
UNC-Chapel Hill Health Aff.	0.1	0.3	1.4	0.2	0.1	0.0	0.0	0.0	0.3	1.0	3.7	2.4
Subtotal	0.3	0.4	2.3	1.1	0.6	0.6	0.1	0.0	0.2	0.8	1.6	1.3
Doctoral Universities I and II												
East Carolina	0.8	0.7	1.8	1.2	0.3	0.5	0.2	0.1	-	1.4	0.1	9.2
East Carolina Health Aff.	-	0.2	3.8	0.5	-	0.8	-	0.1	-	-	0.4	0.7
NC A&T	0.6	0.5	8.5	0.7	0.6	0.5	0.2	0.1	-	0.7	0.1	-
UNC Charlotte	0.5	0.6	1.8	0.3	0.6	0.7	0.3	0.1	-	-	0.0	1.9
UNC Greensboro	0.4	0.4	4.2	1.2	0.6	0.7	0.3	0.1	-	1.8	0.0	9.0
Subtotal	0.5	0.5	3.7	0.8	0.5	0.6	0.2	0.1	-	0.9	0.1	5.1
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.3	0.5	2.1	0.4	0.5	0.5	0.3	0.2	2.1	0.2	-	1.2
Fayetteville	1.2	0.9	1.6	0.1	0.9	0.4	0.1	0.1	-	0.7	0.3	-
NC Central	0.7	0.4	3.0	0.7	0.7	0.6	0.3	0.1	0.2	0.0	1.0	9.9
UNC Pembroke	0.5	0.6	4.9	0.1	1.2	0.7	0.3	0.2	-	-	-	-
UNC Wilmington	0.7	0.6	3.6	0.7	0.6	1.4	0.4	0.4	-	0.0	-	1.1
Western Carolina	0.5	0.4	0.8	0.7	3.3	0.9	0.4	0.4	0.5	0.5	0.0	0.7
Winston-Salem	0.8	1.0	2.0	0.6	1.9	0.7	0.1	0.1	0.6	0.2	1.0	2.4
Subtotal	0.6	0.6	2.5	0.5	1.3	0.8	0.3	0.3	0.7	0.2	0.2	2.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.7	0.5	1.5	0.9	2.0	0.2	0.2	0.2	-	-	0.3	4.3
UNC Asheville	0.9	0.8	0.6	0.0	1.0	0.6	1.1	0.0	-	1.2	0.1	3.0
Subtotal	0.8	0.7	1.1	0.5	1.5	0.4	0.6	0.1	-	0.6	0.2	3.7
Schools of Art, Music, and Design												
UNC School of the Arts	0.4	0.2	2.1	0.4	1.9	1.4	0.3	0.3	0.3	-	4.0	2.7
Subtotal	0.4	0.2	2.1	0.4	1.9	1.4	0.3	0.3	0.3	-	4.0	2.7
Teaching Hospitals												
UNC Hospitals	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
Subtotal	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
Community Colleges												
Alamance	1.7	1.0	3.9	0.8	1.3	0.4	0.2	0.6	-	0.1	-	-
Asheville-Buncombe	1.0	0.6	1.9	0.3	0.3	0.2	0.3	0.5	-	10.4	2.9	5.9
Beaufort Co.	1.6	1.9	3.1	0.3	1.0	1.4	0.5	0.3	-	3.8	-	-
Bladen	1.4	1.7	2.9	-	0.0	0.1	-	1.4	-	0.7	-	-
Blue Ridge	1.2	0.6	1.2	1.3	0.2	0.3	-	0.7	-	6.1	-	-
Brunswick	1.5	0.9	2.8	0.7	0.4	0.2	0.3	0.3	21.6	6.8	0.0	6.6
Caldwell	1.5	0.8	1.1	0.4	0.1	0.1	0.4	0.1	-	6.8	0.1	-
Cape Fear	1.3	0.6	2.8	0.5	0.7	0.1	0.3	0.1	-	1.9	0.1	0.5
Carteret	2.8	0.5	4.0	0.9	0.4	0.3	0.1	0.1	-	1.0	-	-
Catawba Valley	1.3	0.8	2.1	0.1	0.3	0.1	0.3	0.4	-	4.5	-	4.3
Central Carolina	2.1	0.4	1.4	0.5	0.4	0.1	0.0	0.3	4.9	-	0.1	-
Central Piedmont	0.7	1.1	2.4	1.9	0.1	0.4	0.9	0.5	0.1	1.6	-	4.5
Cleveland	1.1	2.1	3.0	0.2	1.1	0.9	0.0	0.2	-	0.1	0.1	-
Coastal Carolina	0.6	1.0	2.8	0.6	0.5	0.1	0.0	0.4	-	-	-	-
Coll. of Albemarle	1.5	1.4	3.1	2.1	0.9	0.1	0.6	0.3	-	0.0	0.1	-
Craven	1.5	0.9	1.7	0.8	-	0.3	1.6	0.7	-	4.9	-	-
Davidson County	0.6	1.1	6.7	-	1.1	0.1	0.4	0.3	-	2.0	0.3	-
Durham	1.1	0.6	1.6	1.0	0.8	0.6	1.4	0.5	-	2.6	-	-
Edgecombe	1.2	0.8	2.9	0.4	0.2	0.6	0.4	0.4	0.2	3.8	0.3	-
Fayetteville	1.5	1.3	3.2	1.0	0.2	0.2	0.6	0.4	-	0.1	-	-
Forsyth	1.7	1.2	1.0	0.6	0.7	0.4	0.6	0.4	-	3.8	0.4	1.6
Gaston	0.5	0.6	4.0	1.1	0.7	0.0	0.4	0.3	-	1.1	1.6	-
Guilford	0.5	1.2	4.6	0.7	0.2	0.1	0.3	0.1	-	1.1	1.2	11.4
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	3.5	-	-
Haywood	0.8	0.6	2.9	2.2	4.8	0.3	0.3	0.2	-	0.1	5.8	-
Isothermal	1.1	0.9	2.9	0.6	0.1	0.6	0.1	0.5	-	2.5	-	-
James Sprunt	1.3	3.4	0.4	1.6	0.4	0.7	-	0.3	-	1.2	-	-
Johnston	0.9	1.4	4.1	0.9	1.0	0.5	0.2	0.3	-	0.9	-	-

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	
Lenoir	0.9	1.1	1.8	0.8	0.5	0.2	1.1	0.3	-	8.1	-	-
Martin	0.8	0.7	1.2	0.5	0.4	0.1	0.1	-	-	0.6	-	-
Mayland	2.0	0.5	2.2	1.0	0.5	0.5	0.5	0.3	-	5.0	-	11.5
McDowell	0.7	1.1	3.9	1.7	1.9	0.1	-	0.3	-	5.6	-	-
Mitchell	2.4	1.8	2.6	1.7	0.8	-	0.5	-	-	1.9	0.3	4.6
Montgomery	4.0	1.0	1.4	1.1	-	0.3	0.1	0.3	-	2.6	0.9	-
Nash	0.9	0.6	3.8	0.5	0.6	0.3	0.4	0.3	8.9	-	-	-
Pamlico	3.6	1.9	0.8	2.3	-	-	-	0.2	-	1.1	-	-
Piedmont	2.3	1.0	7.2	0.5	1.8	0.2	0.0	0.3	-	0.2	-	-
Pitt	0.8	0.8	3.3	1.3	0.4	0.9	0.1	0.5	-	0.0	0.2	-
Randolph	0.4	0.7	14.8	0.8	0.5	0.3	-	0.0	-	4.8	-	-
Richmond	2.7	0.7	3.7	0.1	0.4	0.3	0.1	0.3	-	1.4	-	-
Roanoke-Chowan	1.2	1.1	4.5	0.9	-	-	0.5	0.4	-	18.3	-	-
Robeson	1.5	0.6	4.0	1.5	0.4	-	1.3	0.6	0.2	6.7	0.4	2.6
Rockingham	1.0	0.8	3.2	1.0	1.0	0.3	0.8	0.4	-	1.6	2.2	-
Rowan-Cabarrus	2.3	0.8	2.8	1.4	0.2	0.0	0.3	0.4	-	2.8	1.5	3.1
Sampson	1.7	1.5	2.4	0.8	-	0.2	0.1	0.7	-	6.3	-	-
Sandhills	0.7	0.8	1.5	0.4	2.6	0.5	0.3	0.3	-	1.4	-	-
South Piedmont	2.0	1.1	2.2	0.9	0.1	0.1	0.1	0.3	0.9	6.4	-	27.2
Southeastern	1.0	0.8	2.8	0.9	0.1	0.2	0.1	0.5	-	2.0	0.4	10.8
Southwestern	1.1	1.1	3.9	1.2	-	1.1	0.5	0.2	-	2.3	-	-
Stanly	4.0	1.3	3.1	1.3	0.2	0.1	0.9	1.0	-	3.0	0.9	0.1
Surry	1.1	0.6	2.1	1.5	0.3	0.2	0.2	0.1	-	3.2	-	-
Tri-County	1.6	0.6	10.1	0.9	-	-	0.1	0.2	-	-	-	-
Vance-Granville	0.7	0.6	4.5	1.4	0.2	-	0.5	0.3	-	1.4	-	-
Wake	1.0	0.3	2.6	1.2	0.2	0.2	0.9	0.6	-	0.8	0.1	6.2
Wayne	1.7	0.3	1.8	0.4	1.4	-	0.7	0.2	0.4	3.7	-	-
Western Piedmont	1.3	0.6	1.6	1.5	0.2	1.0	0.0	0.5	-	4.5	14.5	2.9
Wilkes	1.0	0.5	3.3	0.7	-	0.2	0.7	0.2	3.1	2.4	-	0.4
Wilson	2.8	1.5	5.9	0.9	2.0	0.3	0.6	0.3	-	-	-	-
Subtotal	1.3	0.9	3.1	0.9	0.5	0.3	0.4	0.4	0.6	2.7	0.7	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	0.7	0.4	2.7	0.3	1.0	0.1	0.4	0.9	0.0	0.1
Mars Hill	0.8	0.2	0.8	0.7	1.4	1.7	0.2	0.2	0.1	-	3.4	2.8
Pfeiffer	0.5	0.7	1.9	0.6	6.8	0.4	0.6	0.2	-	-	8.3	0.4
Subtotal	0.6	0.4	1.0	0.5	3.2	0.9	0.7	0.2	0.2	0.4	2.2	0.8
Grand Total	0.7	0.7	2.8	0.9	0.8	0.6	0.3	0.2	0.3	1.2	0.8	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. 91-92; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth 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 2011 (%)</u>
Classroom (Series 100)	8.0	9.7
Laboratory (Series 200)	14.5	17.0
Office(Series 300)	13.0	20.5
Study (Series 400)	6.8	5.6
Special Use (Series 500)	8.9	9.0
General Use (Series 600)	12.0	10.7
Support (Series 700)	6.5	4.7
Health Care (Series 800)	1.4	1.9
Residential (Series 900)	26.7	17.5
Unclassified (Series 000)	2.2	3.3

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

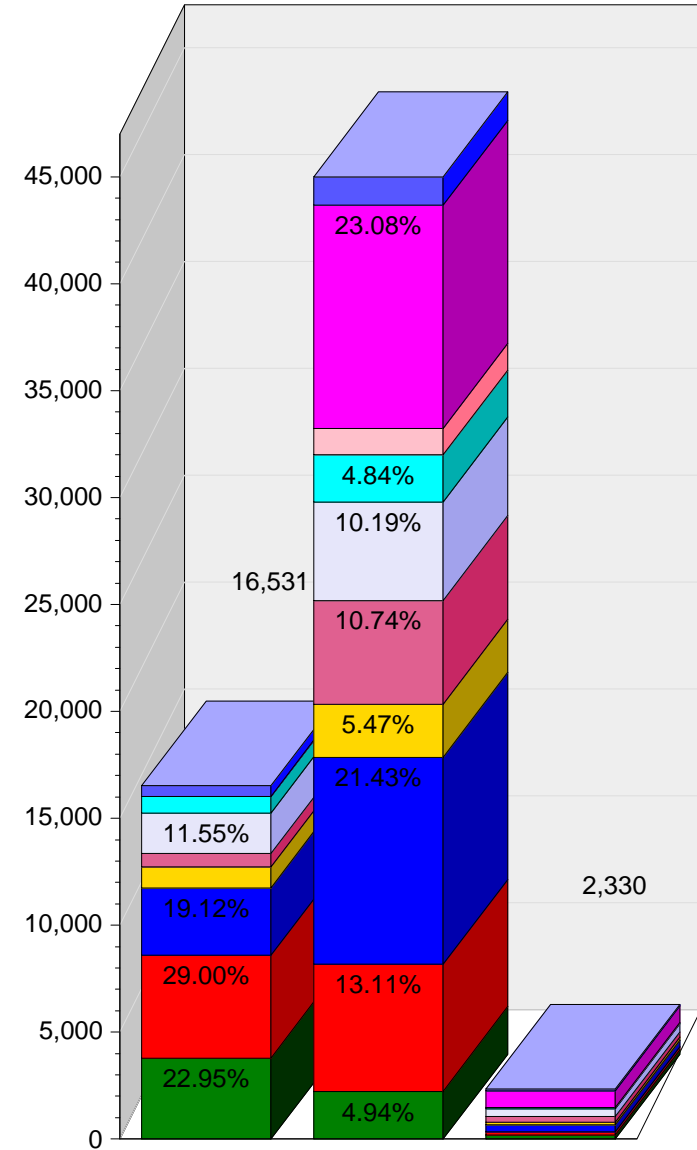
000 Unclassified Facilities

- 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 Area by Room Codes

1000s of Square Feet

45,239



Pct

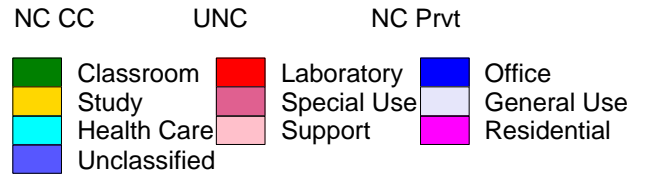
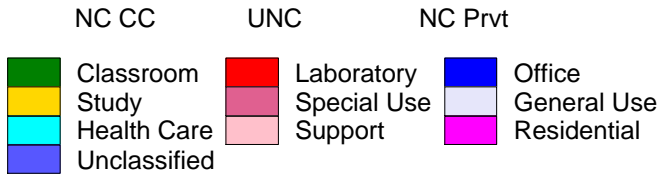
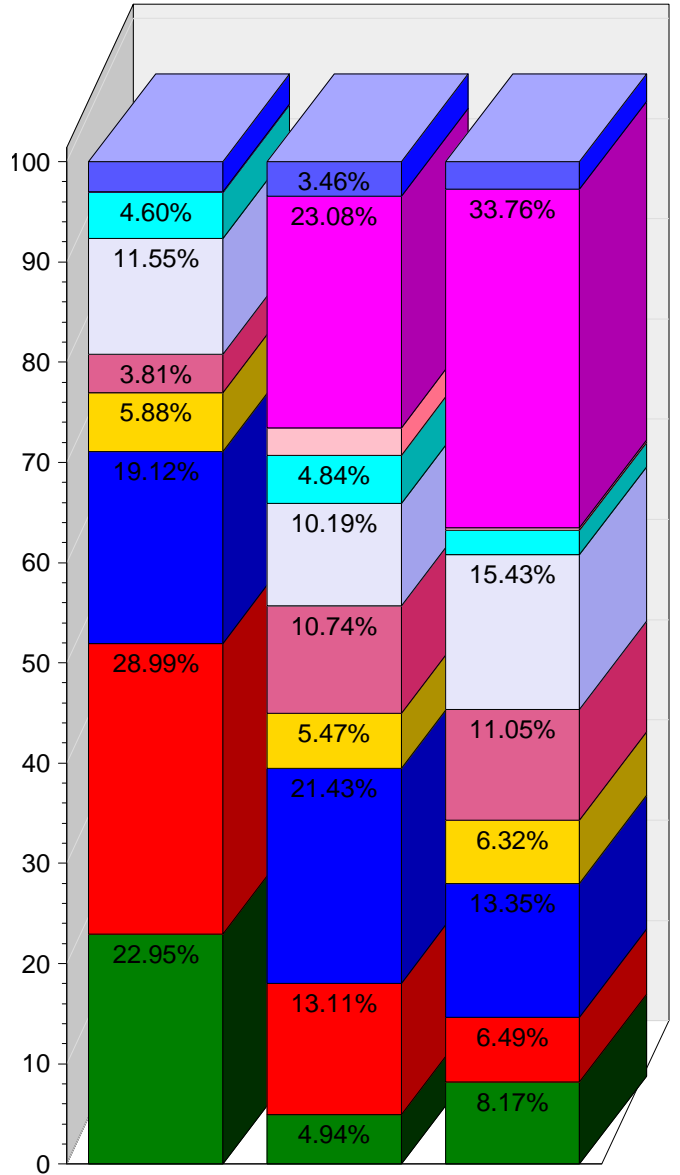


Table 15. Assignable Area by Room Codes

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	8,194,386	260,491	3.2	1,596,136	19.5	1,679,662	20.5	272,914	3.3
NC State Veterinary Med	423,800	7,734	1.8	102,690	24.2	72,212	17.0	13,413	3.2
UNC-Chapel Hill	6,927,035	300,227	4.3	543,683	7.8	1,496,446	21.6	612,242	8.8
UNC-Chapel Hill Health Aff.	2,487,837	62,187	2.5	707,132	28.4	1,052,427	42.3	74,912	3.0
Subtotal	18,033,058	630,639	3.5	2,949,641	16.4	4,300,747	23.8	973,481	5.4
Doctoral Universities I and II									
East Carolina	3,296,007	186,128	5.6	334,696	10.2	645,942	19.6	208,686	6.3
East Carolina Health Aff.	769,480	37,884	4.9	156,437	20.3	291,373	37.9	64,369	8.4
NC A&T	2,236,738	167,111	7.5	348,358	15.6	422,702	18.9	126,562	5.7
UNC Charlotte	3,130,706	208,966	6.7	474,737	15.2	701,770	22.4	208,458	6.7
UNC Greensboro	2,833,599	150,485	5.3	308,927	10.9	569,271	20.1	137,301	4.8
Subtotal	12,266,530	750,574	6.1	1,623,155	13.2	2,631,058	21.4	745,376	6.1
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,738,114	163,883	6.0	249,134	9.1	501,637	18.3	91,127	3.3
Fayetteville	788,724	61,837	7.8	81,011	10.3	175,605	22.3	67,787	8.6
NC Central	1,452,483	112,895	7.8	157,774	10.9	284,030	19.6	116,380	8.0
UNC Pembroke	978,642	72,811	7.4	47,259	4.8	170,659	17.4	42,121	4.3
UNC Wilmington	2,146,418	141,120	6.6	208,122	9.7	391,952	18.3	119,594	5.6
Western Carolina	1,940,454	90,815	4.7	166,316	8.6	305,494	15.7	126,288	6.5
Winston-Salem	1,085,813	72,171	6.6	84,795	7.8	203,309	18.7	48,464	4.5
Subtotal	11,130,648	715,532	6.4	994,411	8.9	2,032,686	18.3	611,761	5.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	864,122	54,163	6.3	80,018	9.3	113,320	13.1	43,018	5.0
UNC Asheville	849,360	46,853	5.5	87,671	10.3	153,673	18.1	74,769	8.8
Subtotal	1,713,482	101,016	5.9	167,689	9.8	266,993	15.6	117,787	6.9
Schools of Art, Music, and Design									
UNC School of the Arts	736,689	29,175	4.0	184,539	25.0	90,233	12.2	21,245	2.9
Subtotal	736,689	29,175	4.0	184,539	25.0	90,233	12.2	21,245	2.9
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	237,543	72,075	30.3	74,785	31.5	47,861	20.1	10,937	4.6
Asheville-Buncombe	526,270	88,271	16.8	186,036	35.3	117,756	22.4	16,788	3.2
Beaufort Co.	171,008	38,176	22.3	53,761	31.4	33,115	19.4	8,572	5.0
Bladen	112,520	27,164	24.1	30,966	27.5	20,827	18.5	11,612	10.3
Blue Ridge	289,926	67,400	23.2	94,683	32.7	44,612	15.4	12,863	4.4
Brunswick	244,941	53,533	21.9	30,023	12.3	36,771	15.0	7,865	3.2
Caldwell	339,356	88,300	26.0	82,296	24.3	63,127	18.6	18,315	5.4
Cape Fear	486,292	108,282	22.3	180,590	37.1	88,533	18.2	28,142	5.8
Carteret	164,647	41,743	25.4	60,978	37.0	32,970	20.0	6,761	4.1
Catawba Valley	360,392	68,375	19.0	124,397	34.5	57,341	15.9	19,405	5.4
Central Carolina	372,982	117,347	31.5	119,585	32.1	67,700	18.2	20,209	5.4
Central Piedmont	1,255,131	337,331	26.9	332,380	26.5	261,025	20.8	64,761	5.2
Cleveland	199,079	46,128	23.2	61,721	31.0	32,625	16.4	17,109	8.6
Coastal Carolina	225,546	58,361	25.9	84,540	37.5	44,000	19.5	15,190	6.7
Coll. of Albemarle	234,290	56,538	24.1	66,012	28.2	47,818	20.4	16,794	7.2
Craven	207,789	51,129	24.6	71,200	34.3	42,434	20.4	17,884	8.6
Davidson County	306,081	72,784	23.8	77,825	25.4	62,286	20.3	24,846	8.1
Durham	339,744	88,010	25.9	96,488	28.4	72,880	21.5	15,221	4.5
Edgecombe	168,825	35,326	20.9	44,770	26.5	29,713	17.6	12,318	7.3
Fayetteville	584,955	153,885	26.3	187,063	32.0	123,488	21.1	25,929	4.4
Forsyth	511,708	108,902	21.3	185,821	36.3	110,112	21.5	18,491	3.6
Gaston	463,835	108,746	23.4	144,703	31.2	104,740	22.6	32,083	6.9
Guilford	891,777	194,730	21.8	269,960	30.3	162,815	18.3	31,409	3.5
Halifax	187,362	37,203	19.9	47,966	25.6	34,385	18.4	11,164	6.0
Haywood	241,956	33,621	13.9	102,123	42.2	38,870	16.1	13,901	5.7
Isothermal	217,262	38,799	17.9	66,234	30.5	30,228	13.9	11,268	5.2

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	%
James Sprunt	121,267	29,588	24.4	23,656	19.5	37,792	31.2	10,267	8.5
Johnston	341,123	89,042	26.1	82,625	24.2	65,273	19.1	26,403	7.7
Lenoir	321,439	76,215	23.7	78,192	24.3	54,454	16.9	18,621	5.8
Martin	170,782	23,132	13.5	37,211	21.8	18,306	10.7	15,283	8.9
Mayland	127,351	31,125	24.4	26,485	20.8	22,836	17.9	9,810	7.7
McDowell	117,076	24,874	21.2	36,350	31.0	22,332	19.1	6,058	5.2
Mitchell	267,258	71,301	26.7	51,859	19.4	49,148	18.4	15,367	5.7
Montgomery	91,051	19,384	21.3	29,768	32.7	17,142	18.8	10,412	11.4
Nash	169,106	47,474	28.1	43,460	25.7	26,092	15.4	13,993	8.3
Pamlico	55,243	14,141	25.6	12,280	22.2	12,181	22.0	4,549	8.2
Piedmont	141,771	37,202	26.2	35,501	25.0	31,803	22.4	8,895	6.3
Pitt	282,476	60,126	21.3	85,728	30.3	68,713	24.3	22,470	8.0
Randolph	259,858	57,300	22.1	89,845	34.6	39,735	15.3	7,889	3.0
Richmond	177,262	40,314	22.7	47,508	26.8	28,268	15.9	10,433	5.9
Roanoke-Chowan	117,209	18,145	15.5	38,114	32.5	17,230	14.7	11,019	9.4
Robeson	202,574	35,389	17.5	60,712	30.0	42,244	20.9	15,270	7.5
Rockingham	232,027	40,690	17.5	67,114	28.9	36,337	15.7	13,487	5.8
Rowan-Cabarrus	380,573	84,139	22.1	103,504	27.2	87,355	23.0	24,683	6.5
Sampson	139,057	32,694	23.5	37,859	27.2	28,584	20.6	14,296	10.3
Sandhills	304,268	72,834	23.9	67,052	22.0	52,344	17.2	17,350	5.7
South Piedmont	271,477	37,090	13.7	45,805	16.9	45,083	16.6	11,916	4.4
Southeastern	181,610	46,730	25.7	46,658	25.7	32,894	18.1	13,907	7.7
Southwestern	185,737	39,138	21.1	47,915	25.8	37,506	20.2	11,306	6.1
Stanly	147,198	37,410	25.4	39,582	26.9	33,442	22.7	8,435	5.7
Surry	302,761	80,125	26.5	91,394	30.2	51,199	16.9	22,456	7.4
Tri-County	117,544	29,709	25.3	39,639	33.7	15,398	13.1	5,672	4.8
Vance-Granville	246,527	56,948	23.1	81,778	33.2	46,321	18.8	15,735	6.4
Wake	748,527	168,750	22.5	209,301	28.0	159,254	21.3	52,877	7.1
Wayne	242,421	42,067	17.4	79,194	32.7	52,030	21.5	19,416	8.0
Western Piedmont	286,825	60,084	20.9	66,022	23.0	44,692	15.6	16,173	5.6
Wilkes	294,999	58,306	19.8	73,190	24.8	45,973	15.6	17,157	5.8
Wilson	144,959	40,694	28.1	41,757	28.8	30,089	20.8	10,641	7.3
Subtotal	16,530,573	3,794,319	23.0	4,793,964	29.0	3,160,082	19.1	972,083	5.9
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	1,067,622	90,725	8.5	52,223	4.9	144,278	13.5	74,328	7.0
Mars Hill	538,621	37,104	6.9	45,710	8.5	64,352	11.9	28,959	5.4
Pfeiffer	373,545	33,710	9.0	29,152	7.8	45,508	12.2	22,401	6.0
Subtotal	2,330,242	190,391	8.2	151,305	6.5	311,145	13.4	147,266	6.3
Grand Total	64,099,524	6,221,572	9.7	10,875,533	17.0	13,164,765	20.5	3,592,243	5.6

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	1,558,715	19.0	661,209	8.1	439,409	5.4	25,985	0.3	1,521,417	18.6	178,448	2.2
NC State Veterinary Med	69,590	16.4	9,891	2.3	17,003	4.0	113,531	26.8	179	0.0	17,557	4.1
UNC-Chapel Hill	718,255	10.4	747,960	10.8	431,570	6.2	22,030	0.3	1,892,675	27.3	161,947	2.3
UNC-Chapel Hill Health Aff.	172,489	6.9	83,881	3.4	24,422	1.0	157,647	6.3	310	0.0	152,430	6.1
Subtotal	2,519,049	14.0	1,502,941	8.3	912,404	5.1	319,193	1.8	3,414,581	18.9	510,382	2.8
Doctoral Universities I and II												
East Carolina	319,655	9.7	316,239	9.6	147,274	4.5	4,870	0.1	827,722	25.1	304,795	9.2
East Carolina Health Aff.	44,768	5.8	7,478	1.0	44,715	5.8	113,232	14.7	1,280	0.2	7,944	1.0
NC A&T	320,971	14.3	212,856	9.5	198,726	8.9	6,519	0.3	430,477	19.2	2,456	0.1
UNC Charlotte	211,750	6.8	364,265	11.6	69,079	2.2	8,247	0.3	823,066	26.3	60,368	1.9
UNC Greensboro	115,081	4.1	368,574	13.0	255,111	9.0	9,997	0.4	661,875	23.4	256,977	9.1
Subtotal	1,012,225	8.3	1,269,412	10.3	714,905	5.8	142,865	1.2	2,744,420	22.4	632,540	5.2
Master's (Comprehensive) Universities and Colleges I												
Appalachian	356,925	13.0	382,260	14.0	82,823	3.0	11,733	0.4	865,642	31.6	32,950	1.2
Fayetteville	75,869	9.6	107,159	13.6	18,289	2.3	2,319	0.3	198,848	25.2	0	0.0
NC Central	125,396	8.6	140,945	9.7	29,945	2.1	2,805	0.2	324,897	22.4	157,416	10.8
UNC Pembroke	86,631	8.9	115,457	11.8	51,100	5.2	2,612	0.3	389,992	39.9	0	0.0
UNC Wilmington	123,332	5.7	276,086	12.9	85,706	4.0	4,676	0.2	772,086	36.0	23,744	1.1
Western Carolina	203,944	10.5	304,508	15.7	63,144	3.3	3,246	0.2	662,927	34.2	13,772	0.7
Winston-Salem	68,274	6.3	120,146	11.1	31,339	2.9	5,121	0.5	415,592	38.3	36,602	3.4
Subtotal	1,040,371	9.3	1,446,561	13.0	362,346	3.3	32,512	0.3	3,629,984	32.6	264,484	2.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	102,551	11.9	100,402	11.6	18,324	2.1	4,862	0.6	309,324	35.8	38,140	4.4
UNC Asheville	129,345	15.2	109,720	12.9	38,340	4.5	1,207	0.1	181,415	21.4	26,367	3.1
Subtotal	231,896	13.5	210,122	12.3	56,664	3.3	6,069	0.4	490,739	28.6	64,507	3.8
Schools of Art, Music, and Design												
UNC School of the Arts	23,889	3.2	118,212	16.0	58,221	7.9	3,073	0.4	158,753	21.5	49,349	6.7
Subtotal	23,889	3.2	118,212	16.0	58,221	7.9	3,073	0.4	158,753	21.5	49,349	6.7
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	4,026	1.7	17,907	7.5	9,325	3.9	-	-	627	0.3	0	0.0
Asheville-Buncombe	16,478	3.1	51,127	9.7	17,640	3.4	980	0.2	-	-	31,194	5.9
Beaufort Co.	2,064	1.2	24,312	14.2	11,008	6.4	-	-	-	-	0	0.0
Bladen	-	-	13,863	12.3	8,088	7.2	-	-	-	-	0	0.0
Blue Ridge	6,235	2.2	51,266	17.7	12,867	4.4	-	-	-	-	0	0.0
Brunswick	29,789	12.2	58,694	24.0	11,881	4.9	112	0.0	-	-	16,273	6.6
Caldwell	18,526	5.5	52,572	15.5	16,146	4.8	-	-	-	-	74	0.0
Cape Fear	24,879	5.1	30,750	6.3	21,712	4.5	-	-	277	0.1	3,127	0.6
Carteret	6,930	4.2	8,402	5.1	6,863	4.2	-	-	-	-	0	0.0
Catawba Valley	42,645	11.8	30,056	8.3	2,633	0.7	-	-	-	-	15,540	4.3
Central Carolina	11,379	3.1	34,303	9.2	2,134	0.6	-	-	-	-	325	0.1
Central Piedmont	15,171	1.2	126,023	10.0	62,392	5.0	-	-	-	-	56,048	4.5
Cleveland	15,067	7.6	16,628	8.4	9,801	4.9	-	-	-	-	0	0.0
Coastal Carolina	3,031	1.3	14,414	6.4	6,010	2.7	-	-	-	-	0	0.0
Coll. of Albemarle	-	-	36,022	15.4	11,106	4.7	-	-	-	-	0	0.0
Craven	2,565	1.2	20,643	9.9	1,934	0.9	-	-	-	-	0	0.0
Davidson County	18,581	6.1	25,826	8.4	22,916	7.5	142	0.0	-	-	875	0.3
Durham	2,555	0.8	23,492	6.9	41,098	12.1	-	-	-	-	0	0.0
Edgecombe	770	0.5	37,979	22.5	7,420	4.4	-	-	-	-	529	0.3
Fayetteville	22,328	3.8	46,274	7.9	25,610	4.4	378	0.1	-	-	0	0.0
Forsyth	15,041	2.9	52,152	10.2	10,807	2.1	-	-	-	-	10,382	2.0
Gaston	13,932	3.0	40,200	8.7	11,576	2.5	748	0.2	-	-	7,107	1.5
Guilford	31,940	3.6	61,011	6.8	27,848	3.1	-	-	-	-	112,064	12.6
Halifax	7,060	3.8	41,002	21.9	8,582	4.6	-	-	-	-	0	0.0
Haywood	726	0.3	32,694	13.5	16,517	6.8	-	-	-	-	3,504	1.4
Isothermal	22,920	10.5	34,442	15.9	13,371	6.2	-	-	-	-	0	0.0
James Sprunt	3,795	3.1	12,358	10.2	3,811	3.1	-	-	-	-	0	0.0
Johnston	16,810	4.9	36,930	10.8	22,527	6.6	-	-	1,513	0.4	0	0.0
Lenoir	27,021	8.4	53,980	16.8	12,956	4.0	-	-	-	-	0	0.0

Table 15. Assignable Area by Room Codes

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Martin	13,294	7.8	58,187	34.1	5,369	3.1	-	-	-	-	0	0.0
Mayland	1,892	1.5	14,918	11.7	5,689	4.5	-	-	-	-	14,596	11.5
McDowell	1,165	1.0	19,909	17.0	6,388	5.5	-	-	-	-	0	0.0
Mitchell	17,457	6.5	38,599	14.4	10,433	3.9	-	-	-	-	13,094	4.9
Montgomery	1,361	1.5	10,532	11.6	2,452	2.7	-	-	-	-	0	0.0
Nash	-	-	29,384	17.4	8,703	5.1	-	-	-	-	0	0.0
Pamlico	140	0.3	9,292	16.8	2,660	4.8	-	-	-	-	0	0.0
Piedmont	-	-	14,702	10.4	13,668	9.6	-	-	-	-	0	0.0
Pitt	20,896	7.4	16,484	5.8	8,059	2.9	-	-	-	-	0	0.0
Randolph	2,441	0.9	26,287	10.1	36,361	14.0	-	-	-	-	0	0.0
Richmond	989	0.6	42,807	24.1	6,843	3.9	100	0.1	-	-	0	0.0
Roanoke-Chowan	9,874	8.4	13,615	11.6	9,212	7.9	-	-	-	-	0	0.0
Robeson	1,538	0.8	34,860	17.2	7,122	3.5	-	-	-	-	5,439	2.7
Rockingham	31,579	13.6	28,709	12.4	9,092	3.9	-	-	-	-	5,019	2.2
Rowan-Cabarrus	3,929	1.0	42,000	11.0	21,407	5.6	-	-	-	-	13,556	3.6
Sampson	1,140	0.8	17,809	12.8	6,675	4.8	-	-	-	-	0	0.0
Sandhills	22,283	7.3	56,539	18.6	10,234	3.4	-	-	5,632	1.9	0	0.0
South Piedmont	1,291	0.5	46,909	17.3	9,483	3.5	-	-	-	-	73,900	27.2
Southeastern	6,189	3.4	10,604	5.8	5,055	2.8	-	-	-	-	19,573	10.8
Southwestern	17,133	9.2	23,501	12.7	9,238	5.0	-	-	-	-	0	0.0
Stanly	1,644	1.1	17,932	12.2	7,423	5.0	-	-	-	-	1,330	0.9
Surry	17,419	5.8	28,083	9.3	12,085	4.0	-	-	-	-	0	0.0
Tri-County	-	-	16,400	14.0	10,726	9.1	-	-	-	-	0	0.0
Vance-Granville	1,351	0.5	37,886	15.4	6,508	2.6	-	-	-	-	0	0.0
Wake	36,462	4.9	43,353	5.8	31,606	4.2	140	0.0	-	-	46,784	6.3
Wayne	9,085	3.7	26,123	10.8	14,375	5.9	131	0.1	-	-	0	0.0
Western Piedmont	1,981	0.7	33,282	11.6	14,420	5.0	-	-	-	-	50,171	17.5
Wilkes	24,074	8.2	51,249	17.4	23,845	8.1	-	-	-	-	1,205	0.4
Wilson	229	0.2	13,241	9.1	8,308	5.7	-	-	-	-	0	0.0
Subtotal	629,100	3.8	1,908,518	11.5	760,018	4.6	2,731	0.0	8,049	0.0	501,709	3.0
Private Institutions												
NC Private Universities												
Barton	50,010	14.3	54,818	15.6	7,677	2.2	741	0.2	105,551	30.1	0	0.0
Campbell	120,966	11.3	140,464	13.2	21,724	2.0	2,897	0.3	419,085	39.3	932	0.1
Mars Hill	44,666	8.3	118,210	21.9	14,584	2.7	2,291	0.4	149,065	27.7	33,680	6.3
Pfeiffer	41,948	11.2	46,094	12.3	11,930	3.2	338	0.1	113,088	30.3	29,376	7.9
Subtotal	257,590	11.1	359,586	15.4	55,915	2.4	6,267	0.3	786,789	33.8	63,988	2.7
Grand Total	5,746,613	9.0	6,877,646	10.7	3,005,966	4.7	1,249,234	1.9	11,237,100	17.5	2,128,852	3.3

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

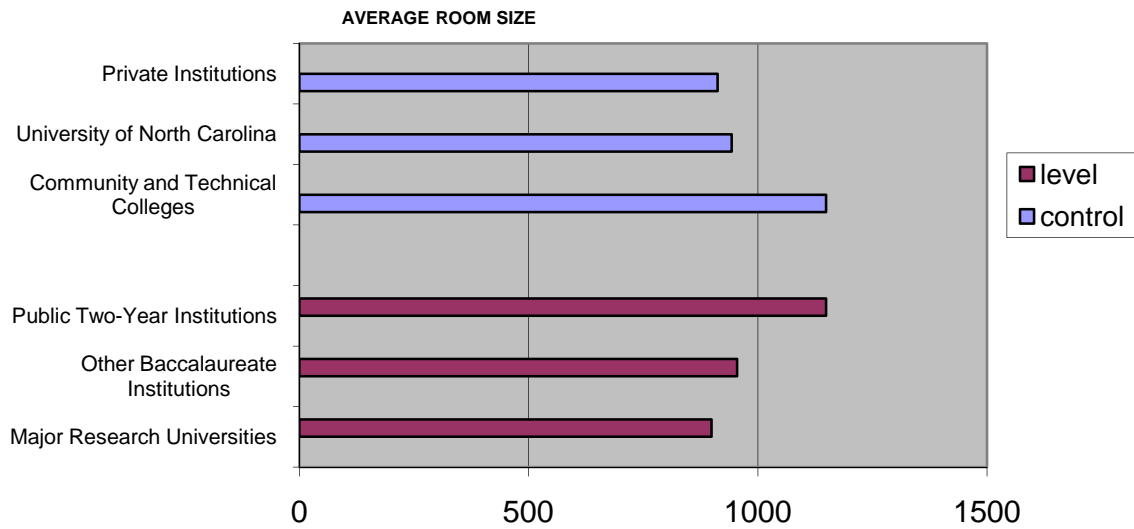
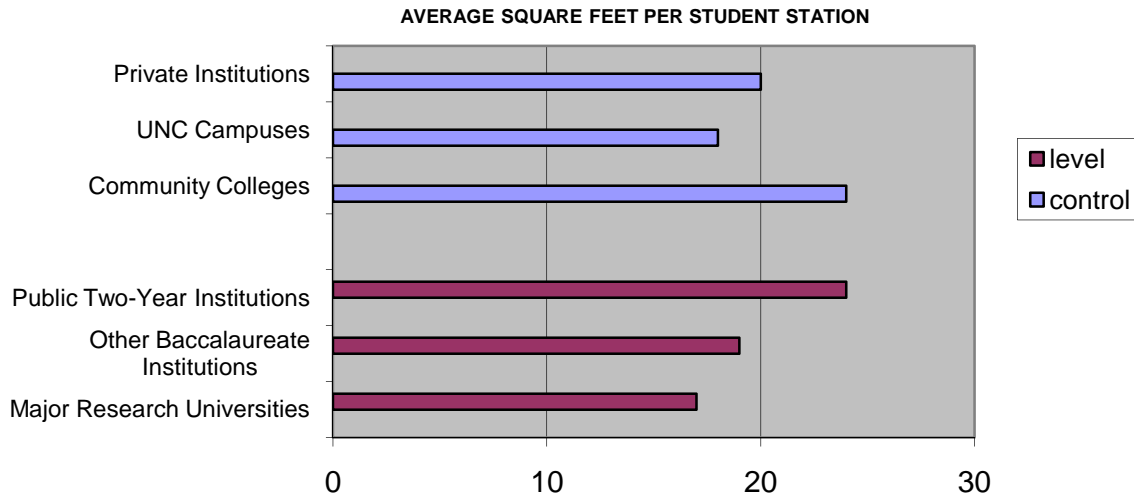


Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2011	2010	2009	2008	2007
Public Institutions									
Research Universities I									
NC State	245	14,941	61	250,649	17	17	16	16	16
NC State Veterinary Med	5	381	76	7,326	19	20	20	17	17
UNC-Chapel Hill	323	15,865	49	282,646	18	18	18	18	18
UNC-Chapel Hill Health Aff.	76	3,316	44	58,526	18	18	17	17	17
Subtotal	649	34,503	53	599,147	17	17	17	17	17
Doctoral Universities I and II									
East Carolina	206	10,453	51	180,997	17	17	17	16	16
East Carolina Health Aff.	46	2,037	44	37,059	18	18	18	18	18
NC A&T	186	8,154	44	158,078	19	19	19	20	19
UNC Charlotte	205	11,861	58	202,438	17	17	17	17	17
UNC Greensboro	146	8,591	59	145,334	17	17	17	17	17
Subtotal	789	41,096	52	723,906	18	18	17	17	17
Master's (Comprehensive) Universities and Colleges I									
Appalachian	196	8,082	41	158,394	20	19	19	19	19
Fayetteville	72	2,788	39	55,931	20	20	20	23	21
NC Central	137	6,029	44	108,009	18	18	18	18	17
UNC Pembroke	90	3,456	38	68,555	20	20	20	20	19
UNC Wilmington	151	7,034	47	136,429	19	20	19	19	19
Western Carolina	104	4,072	39	84,896	21	21	21	22	22
Winston-Salem	84	3,581	43	69,357	19	19	19	19	19
Subtotal	834	35,042	42	681,571	19	20	19	20	19
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	70	2,894	41	51,029	18	18	18	17	17
UNC Asheville	62	2,117	34	46,068	22	22	22	22	22
Subtotal	132	5,011	38	97,097	19	19	19	19	19
Schools of Art, Music, and Design									
UNC School of the Arts	52	1,181	23	28,971	25	25	24	24	24
Subtotal	52	1,181	23	28,971	25	25	24	24	24
Community Colleges									
Alamance	100	3,102	31	70,693	23	23	21	21	20
Asheville-Buncombe	115	3,303	29	85,812	26	26	27	27	26
Beaufort Co.	49	1,861	38	36,635	20	20	23	24	27
Bladen	40	1,094	27	25,614	23	23	22	23	23
Blue Ridge	75	1,955	26	61,195	31	32	31	31	29
Brunswick	64	1,970	31	49,922	25	22	22	23	23
Caldwell	104	3,066	29	84,686	28	28	27	27	27
Cape Fear	131	3,970	30	106,753	27	27	26	25	26
Carteret	63	1,529	24	41,086	27	27	27	27	26
Catawba Valley	84	2,618	31	65,100	25	25	26	26	25
Central Carolina	172	4,948	29	115,080	23	23	23	23	23
Central Piedmont	395	12,134	31	328,056	27	27	26	26	26
Cleveland	64	2,004	31	44,578	22	22	22	22	22
Coastal Carolina	90	2,748	31	57,513	21	21	21	21	21
Coll. of Albemarle	68	1,807	27	56,045	31	30	30	30	30
Craven	80	1,765	22	49,121	28	26	23	22	22
Davidson County	95	2,945	31	69,624	24	22	22	22	22
Durham	119	3,966	33	86,437	22	21	21	21	21
Edgecombe	65	1,726	27	33,954	20	20	20	19	19
Fayetteville	207	8,937	43	148,494	17	17	17	17	17
Forsyth	149	4,376	29	105,241	24	24	23	24	22
Gaston	133	4,539	34	103,673	23	22	23	23	23
Guilford	264	7,831	30	187,709	24	25	25	25	25
Halifax	47	1,279	27	36,899	29	29	29	29	26
Haywood	47	1,405	30	33,135	24	25	25	24	24
Isothermal	53	1,829	35	37,720	21	21	21	21	20
James Sprunt	43	1,200	28	28,983	24	24	24	24	23
Johnston	114	3,475	30	82,027	24	24	24	24	25
Lenoir	105	2,893	28	73,939	26	27	27	27	26
Martin	28	759	27	21,903	29	29	29	29	31
Mayland	44	1,154	26	29,985	26	26	31	31	31
McDowell	36	1,095	30	23,513	21	24	23	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					
					2011	2010	2009	2008	2007	
Mitchell	103	3,054	30	70,074	23	23	22	22	22	
Montgomery	26	777	30	18,419	24	24	24	23	21	
Nash	57	1,913	34	46,002	24	24	24	24	24	
Pamlico	21	483	23	13,849	29	29	29	29	31	
Piedmont	52	1,279	25	36,087	28	28	28	27	27	
Pitt	77	2,430	32	59,861	25	25	25	24	24	
Randolph	86	2,420	28	55,216	23	23	22	23	25	
Richmond	58	1,940	33	39,427	20	20	20	20	19	
Roanoke-Chowan	33	890	27	17,887	20	20	20	20	19	
Robeson	49	1,597	33	34,237	21	22	22	22	22	
Rockingham	48	1,655	34	37,120	22	23	23	23	21	
Rowan-Cabarrus	109	3,390	31	77,395	23	23	23	23	22	
Sampson	42	1,382	33	31,401	23	23	22	23	23	
Sandhills	86	3,115	36	69,515	22	22	22	22	22	
South Piedmont	56	1,471	26	36,342	25	25	25	25	23	
Southeastern	48	2,042	43	43,456	21	21	20	19	19	
Southwestern	56	1,270	23	38,182	30	30	30	31	31	
Stanly	57	2,082	37	37,228	18	18	18	17	17	
Surry	92	2,857	31	73,839	26	26	26	26	26	
Tri-County	44	1,061	24	29,063	27	29	28	28	23	
Vance-Granville	77	2,499	32	55,667	22	22	23	22	23	
Wake	203	6,968	34	163,905	24	23	23	22	22	
Wayne	61	1,939	32	40,715	21	21	21	21	22	
Western Piedmont	60	1,906	32	59,026	31	31	28	27	26	
Wilkes	92	2,951	32	57,470	19	19	20	20	20	
Wilson	54	1,806	33	40,565	22	22	22	21	24	
Subtotal	4,990	154,460	31	3,663,073	24	24	24	23	23	
Private Institutions										
NC Private Universities										
Barton	40	1,678	42	27,919	17	17	17	17	17	
Campbell	91	4,607	51	87,800	19	19	19	18	18	
Mars Hill	53	1,614	30	36,188	22	22	22	22	22	
Pfeiffer	49	1,548	32	33,095	21	20	20	20	20	
Subtotal	233	9,447	41	185,002	20	19	19	19	19	
Grand Total	7,679	280,740	37	5,978,767	21	21	21	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

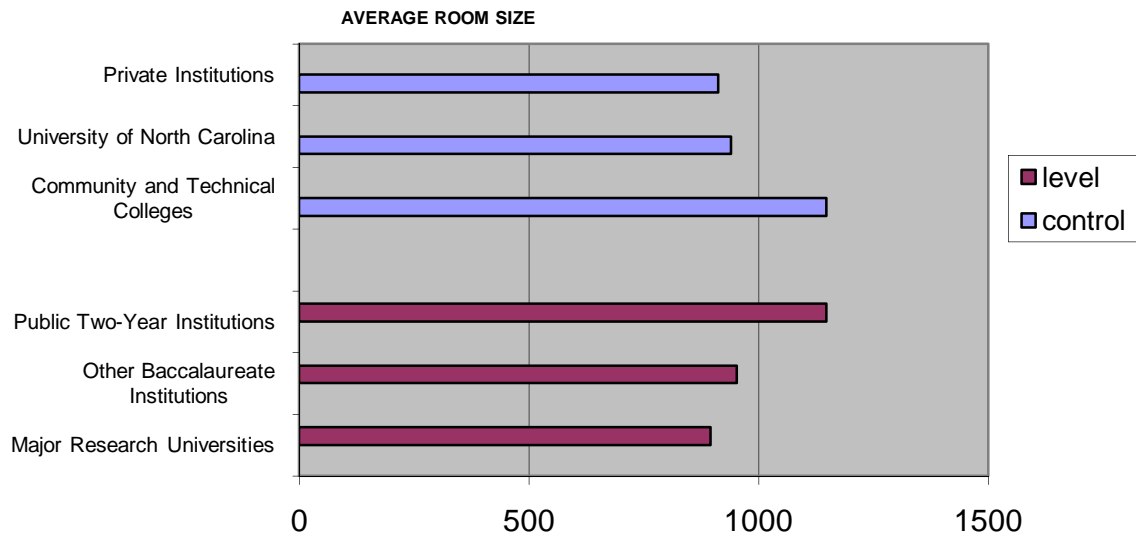
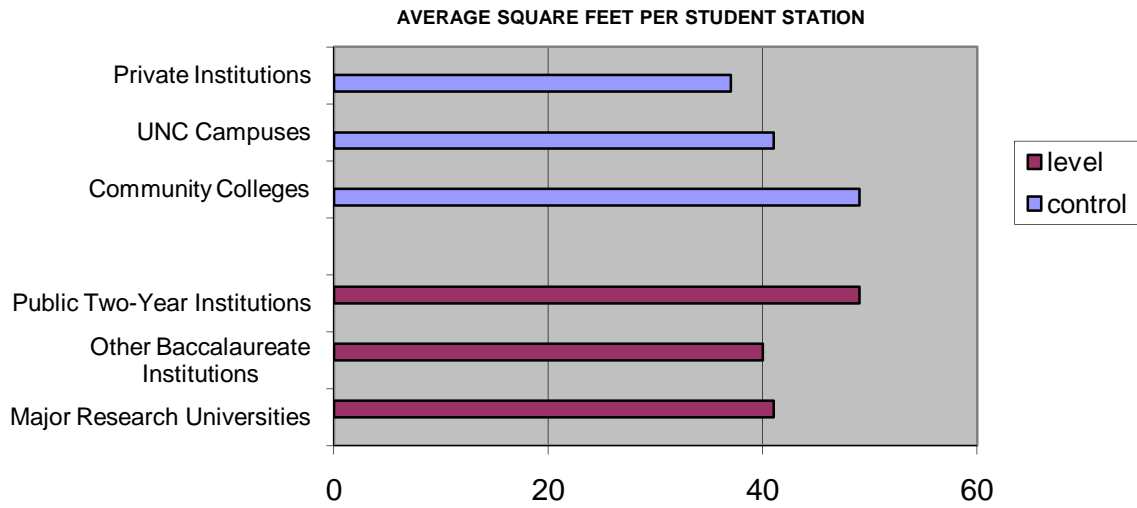


Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2011	2010	2009	2008	2007
Public Institutions									
Research Universities I									
NC State	260	6,372	25	263,118	41	43	44	47	48
NC State Veterinary Med	9	113	13	10,104	89	90	90	90	90
UNC-Chapel Hill	125	2,545	20	100,187	39	39	40	40	39
UNC-Chapel Hill Health Aff.	60	830	14	33,924	41	42	41	41	51
Subtotal	454	9,860	22	407,333	41	42	43	45	47
Doctoral Universities I and II									
East Carolina	150	3,820	25	145,101	38	38	38	42	42
East Carolina Health Aff.	45	770	17	29,686	39	39	39	60	60
NC A&T	208	4,040	19	160,997	40	40	41	44	42
UNC Charlotte	155	4,099	26	163,795	40	40	43	40	45
UNC Greensboro	82	2,141	26	102,526	48	48	48	47	47
Subtotal	640	14,870	23	602,105	40	41	42	43	44
Master's (Comprehensive) Universities and Colleges I									
Appalachian	117	2,588	22	115,593	45	45	45	45	44
Fayetteville	41	1,241	30	42,099	34	32	28	30	34
NC Central	66	1,467	22	59,199	40	39	39	39	38
UNC Pembroke	36	607	17	24,922	41	42	42	42	43
UNC Wilmington	85	2,081	24	80,620	39	43	43	43	43
Western Carolina	64	1,713	27	71,408	42	42	42	42	41
Winston-Salem	59	1,500	25	52,277	35	35	35	35	35
Subtotal	468	11,197	24	446,118	40	40	40	40	40
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	65	1,452	22	56,080	39	39	37	37	37
UNC Asheville	41	863	21	39,127	45	48	47	44	42
Subtotal	106	2,315	22	95,207	41	42	41	39	39
Schools of Art, Music, and Design									
UNC School of the Arts	66	1,606	24	79,775	50	50	50	51	52
Subtotal	66	1,606	24	79,775	50	50	50	51	52
Community Colleges									
Alamance	55	1,331	24	59,301	45	45	45	45	42
Asheville-Buncombe	113	2,988	26	144,791	48	48	50	50	47
Beaufort Co.	33	1,202	36	50,483	42	42	46	57	58
Bladen	23	522	23	29,496	57	58	58	65	65
Blue Ridge	53	1,183	22	85,124	72	73	77	83	93
Brunswick	18	406	23	22,567	56	54	54	54	56
Caldwell	61	1,273	21	68,743	54	55	55	55	57
Cape Fear	104	2,588	25	128,155	50	50	51	54	53
Carteret	46	1,050	23	54,105	52	52	52	53	55
Catawba Valley	97	2,000	21	100,723	50	51	52	58	59
Central Carolina	95	2,295	24	94,964	41	42	41	41	41
Central Piedmont	144	3,298	23	219,377	67	66	64	66	68
Cleveland	66	1,434	22	53,482	37	39	39	42	42
Coastal Carolina	57	1,487	26	69,047	46	46	46	46	46
Coll. of Albemarle	57	1,072	19	57,916	54	49	48	62	65
Craven	45	1,027	23	56,887	55	63	49	50	47
Davidson County	60	1,584	26	62,350	39	40	41	41	40
Durham	77	1,758	23	82,127	47	46	50	50	50
Edgecombe	41	858	21	40,792	48	48	48	47	45
Fayetteville	142	3,665	26	155,024	42	42	42	41	40
Forsyth	104	2,301	22	126,259	55	55	55	55	57
Gaston	64	1,757	27	75,244	43	43	43	47	49
Guilford	164	3,553	22	179,175	50	53	54	57	57
Halifax	29	598	21	36,689	61	60	60	60	62
Haywood	76	1,323	17	89,080	67	66	57	59	57
Isothermal	46	1,043	23	50,596	49	48	48	48	49
James Sprunt	23	525	23	21,350	41	40	40	41	37
Johnston	54	1,350	25	65,787	49	50	50	52	54
Lenoir	56	1,367	24	66,022	48	43	42	46	50
Martin	25	578	23	32,022	55	55	55	46	41
Mayland	17	387	23	20,443	53	53	51	54	54
McDowell	24	648	27	32,586	50	49	46	46	46

Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2011	2010	2009	2008	2007
Mitchell	41	978	24	45,012	46	44	44	45	45
Montgomery	19	352	19	16,665	47	54	56	56	43
Nash	34	750	22	36,541	49	49	49	49	49
Pamlico	14	257	18	10,568	41	41	41	41	41
Piedmont	28	772	28	29,971	39	41	41	41	42
Pitt	83	1,460	18	73,695	50	50	50	49	49
Randolph	49	1,167	24	73,509	63	60	62	56	57
Richmond	39	837	21	41,376	49	49	48	48	48
Roanoke-Chowan	19	468	25	22,972	49	45	45	45	50
Robeson	46	1,255	27	53,501	43	42	43	50	50
Rockingham	47	1,205	26	60,733	50	50	51	51	50
Rowan-Cabarrus	77	1,811	24	95,461	53	52	55	61	59
Sampson	26	585	23	34,582	59	59	57	57	56
Sandhills	56	1,245	22	52,628	42	42	43	44	44
South Piedmont	41	893	22	38,817	43	44	44	44	41
Southeastern	33	883	27	33,624	38	39	37	37	37
Southwestern	39	674	17	37,386	55	56	56	57	57
Stanly	29	1,090	38	35,910	33	33	32	32	32
Surry	56	1,520	27	72,636	48	48	48	49	49
Tri-County	31	616	20	33,538	54	55	61	63	55
Vance-Granville	61	1,626	27	67,087	41	41	40	41	43
Wake	156	3,507	22	176,383	50	50	50	51	53
Wayne	49	1,389	28	54,658	39	39	39	40	40
Western Piedmont	51	1,018	20	53,298	52	52	49	49	49
Wilkes	47	1,386	29	57,010	41	41	42	43	43
Wilson	34	744	22	36,039	48	49	51	53	53
Subtotal	3,274	76,939	24	3,774,307	49	49	49	50	50
Private Institutions									
NC Private Universities									
Barton	20	475	24	17,122	36	36	36	36	37
Campbell	33	953	29	29,642	31	31	31	31	29
Mars Hill	27	682	25	28,040	41	41	41	40	34
Pfeiffer	22	426	19	18,599	44	42	42	42	42
Subtotal	102	2,536	25	93,403	37	37	37	37	35
Grand Total	5,110	119,323	23	5,498,248	46	46	46	47	48



Center City Building, UNC Charlotte

UNC Charlotte’s latest capital creation, the Center City Building, is generating quite a buzz. The timing couldn’t be any better for the unveiling of the \$50.4 million academic building, which officially opened for business at the corner of Ninth and Brevard streets in sync with the start of the University’s fall 2011 semester. Architecturally, the 11-story Center City Building creates its own excitement. It has been described as a twisted Rubik’s cube, or a giant stack of books. The 143,000-square-foot building houses graduate-level programs, including the Belk College of Business MBA as well as the Master of Urban design graduate program through the College of Arts & Architecture. In addition, the building provides space for the Office of Extended Academic Programs, the Design & Society Research Center, and some of the classes of the master’s programs in the College of Health and Human Services, among others.

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

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
Research Universities I													
NC State ***	12,212,739	79.1	2,529,777	16.4	96,472	0.6	422,946	2.7	162,687	1.1	12,926	0.1	15,437,547
NC State Veterinary Med	855,659	100.0	-	-	-	-	-	-	-	-	-	-	855,659
UNC-Chapel Hill ***	12,231,678	97.0	-	-	68,760	0.5	106,107	0.8	-	-	209,180	1.7	12,615,725
UNC-Chapel Hill Health Aff.**	5,128,996	82.5	537,875	8.7	128,275	2.1	385,296	6.2	-	-	37,336	0.6	6,217,778
Subtotal	30,429,072	86.6	3,067,652	8.7	293,507	0.8	914,349	2.6	162,687	0.5	259,442	0.7	35,126,709
Doctoral Universities I and II													
East Carolina	4,751,293	98.6	-	-	-	-	38,931	0.8	26,090	0.5	-	-	4,816,314
East Carolina Health Aff.	1,239,935	90.6	-	-	-	-	95,718	7.0	32,368	2.4	-	-	1,368,021
NC A&T	3,163,018	99.4	-	-	-	-	18,940	0.6	-	-	-	-	3,181,958
UNC Charlotte	4,871,775	65.9	2,382,313	32.2	137,999	1.9	-	-	-	-	-	-	7,392,087
UNC-Greensboro**	5,426,823	94.4	-	-	253,000	4.4	35,698	0.6	5,159	0.1	31,063	0.5	5,751,743
Subtotal	19,452,844	86.4	2,382,313	10.6	390,999	1.7	189,287	0.8	63,617	0.3	31,063	0.1	22,510,123
Master's (Comprehensive) Universities and Colleges I													
Appalachian	2,986,502	64.0	1,670,517	35.8	-	-	7,010	0.2	-	-	-	-	4,664,029
Fayetteville	1,046,232	81.1	243,574	18.9	-	-	-	-	-	-	-	-	1,289,806
NC Central	2,122,152	94.0	134,292	6.0	-	-	-	-	-	-	-	-	2,256,444
UNC Pembroke	1,238,597	84.3	-	-	89,078	6.1	141,812	9.7	-	-	-	-	1,469,487
UNC Wilmington	2,618,041	70.2	325,288	8.7	738,804	19.8	47,563	1.3	-	-	-	-	3,729,696
Western Carolina	2,002,802	67.0	673,451	22.5	314,227	10.5	-	-	-	-	-	-	2,990,480
Winston-Salem	1,123,462	64.0	127,536	7.3	397,407	22.7	105,663	6.0	-	-	-	-	1,754,068
Subtotal	13,137,788	72.4	3,174,658	17.5	1,539,516	8.5	302,048	1.7	-	-	-	-	18,154,010
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	1,002,442	77.1	152,476	11.7	145,678	11.2	-	-	-	-	-	-	1,300,596
UNC Asheville	1,123,517	78.7	304,968	21.3	-	-	-	-	-	-	-	-	1,428,485
Subtotal	2,125,959	77.9	457,444	16.8	145,678	5.3	-	-	-	-	-	-	2,729,081
Schools of Art, Music, and Design													
UNC School of the Arts	838,662	79.6	102,782	9.7	80,440	7.6	5,260	0.5	27,053	2.6	-	-	1,054,197
Subtotal	838,662	79.6	102,782	9.7	80,440	7.6	5,260	0.5	27,053	2.6	-	-	1,054,197
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	324,125	83.2	-	-	-	-	65,628	16.8	-	-	-	-	389,753
Asheville-Buncombe	903,954	98.0	-	-	-	-	-	-	18,000	2.0	-	-	921,954
Beaufort Co.	240,348	100.0	-	-	-	-	-	-	-	-	-	-	240,348
Bladen	144,305	96.6	-	-	-	-	5,112	3.4	-	-	-	-	149,417
Blue Ridge	401,360	100.0	-	-	-	-	-	-	-	-	-	-	401,360
Brunswick	371,491	100.0	-	-	-	-	-	-	-	-	-	-	371,491
Caldwell	490,265	100.0	-	-	-	-	-	-	-	-	-	-	490,265
Cape Fear	867,611	95.2	-	-	-	-	6,911	0.8	36,529	4.0	-	-	911,051
Carteret**	217,402	91.9	-	-	-	-	8,078	3.4	-	-	11,150	4.7	236,630
Catawba Valley	482,712	86.4	63,788	11.4	-	-	-	-	12,226	2.2	-	-	558,726
Central Carolina	455,332	85.1	-	-	-	-	8,232	1.5	71,690	13.4	-	-	535,254
Central Piedmont	3,078,420	98.9	-	-	-	-	-	-	33,423	1.1	-	-	3,111,843
Cleveland	288,695	97.8	-	-	-	-	6,538	2.2	-	-	-	-	295,233
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	301,833	81.7	-	-	-	-	4,440	1.2	63,271	17.1	-	-	369,544
Craven	312,947	99.3	-	-	-	-	-	-	2,060	0.7	-	-	315,007
Davidson County	445,667	98.8	-	-	-	-	5,329	1.2	-	-	-	-	450,996
Durham	493,195	97.4	-	-	-	-	13,222	2.6	-	-	-	-	506,417
Edgecombe	242,914	98.8	-	-	-	-	2,964	1.2	-	-	-	-	245,878
Fayetteville*	832,765	97.2	-	-	-	-	-	-	5,690	0.7	17,913	2.1	856,368
Forsyth	689,198	93.3	-	-	-	-	5,844	0.8	43,409	5.9	-	-	738,451
Gaston	631,908	90.3	-	-	-	-	67,959	9.7	-	-	-	-	699,867
Guilford	1,254,833	94.7	-	-	-	-	68,783	5.2	-	-	1,057	0.1	1,324,673
Halifax	268,984	97.7	-	-	-	-	6,337	2.3	-	-	-	-	275,321
Haywood	329,776	100.0	-	-	-	-	-	-	-	-	-	-	329,776
Isothermal	301,583	92.7	-	-	-	-	23,890	7.3	-	-	-	-	325,473
James Sprunt	162,693	95.2	-	-	-	-	-	-	8,264	4.8	-	-	170,957
Johnston	391,381	82.7	-	-	-	-	35,096	7.4	46,901	9.9	-	-	473,378

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	%	
Lenoir	405,920	95.0	-	-	-	-	5,940	1.4	12,000	2.8	3,221	0.8	427,081
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	166,039	94.4	-	-	-	-	-	-	9,800	5.6	-	-	175,839
McDowell	159,319	100.0	-	-	-	-	-	-	-	-	-	-	159,319
Mitchell	360,390	90.4	-	-	-	-	8,320	2.1	29,947	7.5	-	-	398,657
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
Nash	258,515	100.0	-	-	-	-	-	-	-	-	-	-	258,515
Pamlico	86,035	100.0	-	-	-	-	-	-	-	-	-	-	86,035
Piedmont	182,713	100.0	-	-	-	-	-	-	-	-	-	-	182,713
Pitt	441,944	100.0	-	-	-	-	-	-	-	-	-	-	441,944
Randolph	335,334	97.6	-	-	-	-	8,275	2.4	-	-	-	-	343,609
Richmond	251,265	100.0	-	-	-	-	-	-	-	-	-	-	251,265
Roanoke-Chowan	159,042	95.0	-	-	8,379	5.0	-	-	-	-	-	-	167,421
Robeson	265,260	94.4	-	-	-	-	-	-	15,843	5.6	-	-	281,103
Rockingham	327,731	100.0	-	-	-	-	-	-	-	-	-	-	327,731
Rowan-Cabarrus	399,126	76.9	62,333	12.0	-	-	19,525	3.8	37,880	7.3	-	-	518,864
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	452,425	98.1	-	-	-	-	8,662	1.9	-	-	-	-	461,087
South Piedmont	354,206	76.6	108,000	23.3	-	-	-	-	440	0.1	-	-	462,646
Southeastern	247,000	98.5	-	-	-	-	3,754	1.5	-	-	-	-	250,754
Southwestern	252,814	97.1	-	-	-	-	-	-	7,654	2.9	-	-	260,468
Stanly	190,474	91.3	-	-	-	-	13,582	6.5	-	-	4,600	2.2	208,656
Surry	380,062	87.6	-	-	-	-	-	-	53,635	12.4	-	-	433,697
Tri-County	138,389	89.9	-	-	-	-	-	-	15,500	10.1	-	-	153,889
Vance-Granville	381,903	97.9	-	-	-	-	8,306	2.1	-	-	-	-	390,209
Wake	1,244,096	90.6	-	-	-	-	97,147	7.1	32,150	2.3	-	-	1,373,393
Wayne	389,067	100.0	-	-	-	-	-	-	-	-	-	-	389,067
Western Piedmont	306,430	76.8	-	-	-	-	-	-	92,382	23.2	-	-	398,812
Wilkes	395,843	96.4	-	-	-	-	14,737	3.6	-	-	-	-	410,580
Wilson	206,079	98.5	-	-	-	-	-	-	3,240	1.5	-	-	209,319
Subtotal	24,553,511	94.4	234,121	0.9	8,379	0.0	522,611	2.0	651,934	2.5	37,941	0.1	26,008,497
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,552,514	100.0	-	-	-	-	-	-	-	-	-	-	1,552,514
HS1077	450,476	100.0	-	-	-	-	-	-	-	-	-	-	450,476
Mars Hill	791,814	100.0	-	-	-	-	-	-	-	-	-	-	791,814
Pfeiffer	450,139	80.6	108,010	19.4	-	-	-	-	-	-	-	-	558,149
Subtotal	3,740,109	97.2	108,010	2.8	-	-	-	-	-	-	-	-	3,848,119
Grand Total	96,712,658	86.4	9,526,980	8.5	2,458,519	2.2	1,991,370	1.8	905,291	0.8	335,167	0.3	111,929,985

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

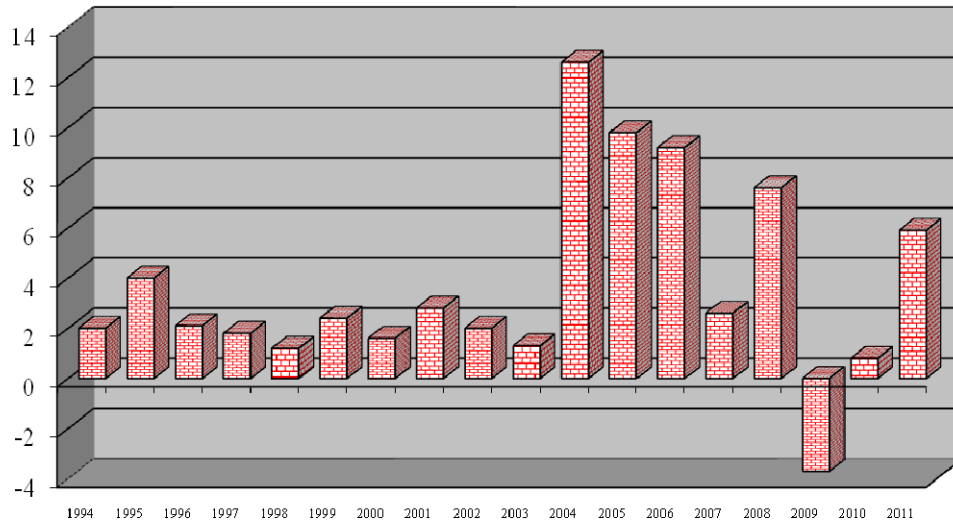
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

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. For the first time in the history of this publication, 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 are slowly recovering, and this trend is reflected in the 2011 factor applied to the estimated replacement values for the current year.

Annual		Annual		Annual	
<u>Year</u>	<u>Increase</u>	<u>Year</u>	<u>Increase</u>	<u>Year</u>	<u>Increase</u>
1994	2.0%	2000	1.6%	2006	9.2%
1995	4.0%	2001	2.8%	2007	2.6%
1996	2.1%	2002	2.0%	2008	7.6%
1997	1.8%	2003	1.2%	2009	-3.7%
1998	1.2%	2004	12.6%	2010	0.8%
1999	2.4%	2005	9.8%	2011	5.9%

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	999	\$825,160,451	\$3,056,490,753	12,920,473	120	\$102,647,283	\$434,172,396	2,517,074
NC State Veterinary Med	49	\$105,361,248	\$154,794,568	855,659	-	-	-	-
UNC-Chapel Hill	273	\$958,153,433	\$2,328,537,955	9,274,824	91	\$187,716,351	\$494,815,119	3,340,901
UNC-Chapel Hill Health Aff.	106	\$646,661,769	\$1,393,460,950	6,217,778	-	-	-	-
Subtotal	1,427	\$2,535,336,901	\$6,933,284,226	29,268,734	211	\$290,363,634	\$928,987,515	5,857,975
Doctoral Universities I and II								
East Carolina	139	\$266,234,186	\$927,933,749	3,647,651	17	\$45,163,000	\$197,715,991	1,168,663
East Carolina Health Aff.	50	\$184,083,573	\$364,920,544	1,366,716	1	\$0	\$236,959	1,305
NC A&T	105	\$195,773,883	\$632,500,262	2,589,959	16	\$29,281,924	\$117,172,420	591,999
UNC Charlotte	67	\$546,915,402	\$1,024,261,166	5,853,975	42	\$125,806,729	\$236,649,641	1,538,112
UNC Greensboro	88	\$269,591,500	\$1,371,729,438	4,200,952	25	\$77,857,122	\$542,381,349	1,550,791
Subtotal	449	\$1,462,598,544	\$4,321,345,159	17,659,253	101	\$278,108,775	\$1,094,156,360	4,850,870
Master's (Comprehensive) Universities and Colleges I								
Appalachian	68	\$356,503,352	\$741,789,680	3,303,926	22	\$69,745,565	\$190,940,922	1,360,103
Fayetteville	40	\$82,116,203	\$175,131,320	950,828	10	\$13,518,600	\$46,459,701	338,978
NC Central	49	\$172,253,332	\$336,286,019	1,548,249	14	\$60,025,638	\$117,653,293	708,195
UNC Pembroke	34	\$90,181,738	\$215,918,747	922,848	14	\$40,518,198	\$89,744,275	546,639
UNC Wilmington	99	\$272,294,869	\$468,375,792	2,436,240	54	\$141,227,668	\$207,746,050	1,293,456
Western Carolina	67	\$132,134,849	\$339,683,903	1,900,720	37	\$93,860,515	\$179,792,239	1,089,760
Winston-Salem	31	\$72,347,461	\$176,056,449	1,089,776	14	\$56,692,052	\$98,572,652	664,292
Subtotal	388	\$1,177,831,804	\$2,453,241,910	12,152,587	165	\$475,588,236	\$930,909,132	6,001,423
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	38	\$86,009,915	\$197,709,160	819,511	24	\$22,972,690	\$59,401,172	481,085
UNC Asheville	28	\$129,091,100	\$284,364,943	1,108,450	12	\$33,392,427	\$85,862,067	320,035
Subtotal	66	\$215,101,015	\$482,074,103	1,927,961	36	\$56,365,117	\$145,263,239	801,120
Schools of Art, Music, and Design								
UNC School of the Arts	52	\$64,312,409	\$171,538,560	834,483	19	\$10,925,082	\$27,769,387	219,714
Subtotal	52	\$64,312,409	\$171,538,560	834,483	19	\$10,925,082	\$27,769,387	219,714
Teaching Hospitals								
UNC Hospitals	30	\$138,544,106	\$390,324,461	2,499,249	-	-	-	-
Subtotal	30	\$138,544,106	\$390,324,461	2,499,249	-	-	-	-
Community Colleges								
Alamance	13	\$28,709,943	\$65,764,701	389,081	1	\$4,000	\$18,827	672
Asheville-Buncombe	26	\$117,624,254	\$194,217,732	921,954	-	-	-	-
Beaufort Co.	16	\$15,038,835	\$32,932,199	240,348	-	-	-	-
Bladen	24	\$8,626,162	\$20,978,421	149,417	-	-	-	-
Blue Ridge	15	\$37,041,040	\$61,456,128	401,360	-	-	-	-
Brunswick	18	\$42,207,286	\$63,479,906	371,491	-	-	-	-
Caldwell	22	\$43,597,730	\$84,582,127	490,265	-	-	-	-
Cape Fear	32	\$91,956,536	\$159,995,094	911,051	-	-	-	-
Carteret	17	\$17,478,813	\$40,826,037	236,630	-	-	-	-
Catawba Valley	17	\$33,898,394	\$75,074,446	558,726	-	-	-	-
Central Carolina	36	\$39,674,645	\$83,721,525	535,254	-	-	-	-
Central Piedmont	46	\$281,214,075	\$501,008,334	3,111,843	-	-	-	-
Cleveland	14	\$22,983,131	\$44,994,232	295,233	-	-	-	-
Coastal Carolina	15	\$25,802,443	\$56,953,387	331,906	-	-	-	-
Coll. of Albemarle	23	\$25,011,752	\$134,246,521	369,544	-	-	-	-
Craven	15	\$31,819,139	\$55,732,612	315,007	-	-	-	-
Davidson County	29	\$26,894,875	\$78,914,803	450,996	-	-	-	-
Durham	17	\$34,355,718	\$81,935,805	506,417	-	-	-	-
Edgecombe	12	\$19,385,035	\$40,000,169	245,878	-	-	-	-
Fayetteville	38	\$52,426,593	\$117,452,311	856,368	-	-	-	-
Forsyth	33	\$47,290,943	\$111,975,614	738,451	-	-	-	-
Gaston	28	\$88,906,476	\$151,386,127	699,867	-	-	-	-
Guilford	51	\$107,197,702	\$272,667,924	1,324,673	-	-	-	-
Halifax	16	\$17,710,747	\$35,491,098	275,321	-	-	-	-
Haywood	26	\$20,038,965	\$43,136,762	329,776	-	-	-	-
Isothermal	22	\$22,032,786	\$55,793,961	325,473	-	-	-	-
James Sprunt	16	\$8,555,536	\$23,625,692	170,957	-	-	-	-
Johnston	27	\$37,416,622	\$76,835,125	471,598	1	\$40,000	\$71,240	1,780

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
Lenoir	27	\$25,334,734	\$57,213,968	427,081	-	-	-	-
Martin	12	\$4,891,455	\$20,208,926	229,431	-	-	-	-
Mayland	19	\$13,987,818	\$29,513,663	175,839	-	-	-	-
McDowell	10	\$10,404,072	\$24,582,484	159,319	-	-	-	-
Mitchell	27	\$19,749,528	\$55,825,374	398,657	-	-	-	-
Montgomery	7	\$8,850,023	\$18,570,374	129,642	-	-	-	-
Nash	10	\$20,480,228	\$38,201,964	258,515	-	-	-	-
Pamlico	9	\$8,017,519	\$15,442,261	86,035	-	-	-	-
Piedmont	19	\$12,715,560	\$27,408,901	182,713	-	-	-	-
Pitt	24	\$38,723,728	\$72,652,945	441,944	-	-	-	-
Randolph	29	\$18,987,725	\$45,594,325	343,609	-	-	-	-
Richmond	12	\$21,918,583	\$45,019,984	251,265	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$25,342,522	167,421	-	-	-	-
Robeson	21	\$21,781,650	\$45,210,531	281,103	-	-	-	-
Rockingham	16	\$15,121,026	\$46,232,602	327,731	-	-	-	-
Rowan-Cabarrus	23	\$56,240,969	\$98,235,642	518,864	-	-	-	-
Sampson	14	\$16,606,673	\$31,646,165	199,414	-	-	-	-
Sandhills	26	\$40,055,109	\$77,852,923	455,742	1	\$52,000	\$949,835	5,345
South Piedmont	19	\$15,789,493	\$59,712,740	462,646	-	-	-	-
Southeastern	24	\$14,862,069	\$47,079,943	250,754	-	-	-	-
Southwestern	16	\$17,588,951	\$38,717,616	260,468	-	-	-	-
Stanly	15	\$12,860,020	\$34,464,360	208,656	-	-	-	-
Surry	22	\$27,267,296	\$63,791,000	433,697	-	-	-	-
Tri-County	20	\$6,785,112	\$21,990,689	153,889	-	-	-	-
Vance-Granville	20	\$31,169,629	\$64,299,886	390,209	-	-	-	-
Wake	35	\$100,839,417	\$175,565,164	1,373,393	-	-	-	-
Wayne	16	\$36,291,973	\$67,083,072	389,067	-	-	-	-
Western Piedmont	34	\$16,950,463	\$54,375,785	398,812	-	-	-	-
Wilkes	24	\$25,778,223	\$60,106,896	410,580	-	-	-	-
Wilson	15	\$10,922,905	\$31,932,963	209,319	-	-	-	-
Subtotal	1,238	\$2,025,572,900	\$4,259,054,461	26,000,700	3	\$96,000	\$1,039,902	7,797
Private Institutions								
NC Private Universities								
Barton	24	\$46,796,593	\$81,373,836	333,933	7	\$6,425,757	\$23,722,258	161,233
Campbell	54	\$96,929,548	\$171,142,718	944,850	77	\$38,044,510	\$90,703,893	607,664
HS1077	11	\$36,275,247	\$86,954,918	450,476	-	-	-	-
Mars Hill	28	\$23,673,975	\$88,464,004	569,241	13	\$8,097,780	\$31,686,856	222,573
Pfeiffer	26	\$13,872,559	\$58,205,786	381,576	21	\$3,063,738	\$21,445,432	176,573
Subtotal	143	\$217,547,922	\$486,141,262	2,680,076	118	\$55,631,785	\$167,558,439	1,168,043
Grand Total	3,793	\$7,836,845,601	\$19,497,004,143	93,023,043	653	\$1,167,078,629	\$3,295,683,974	18,906,942

TABLE 21:
AGE OF BUILDINGS

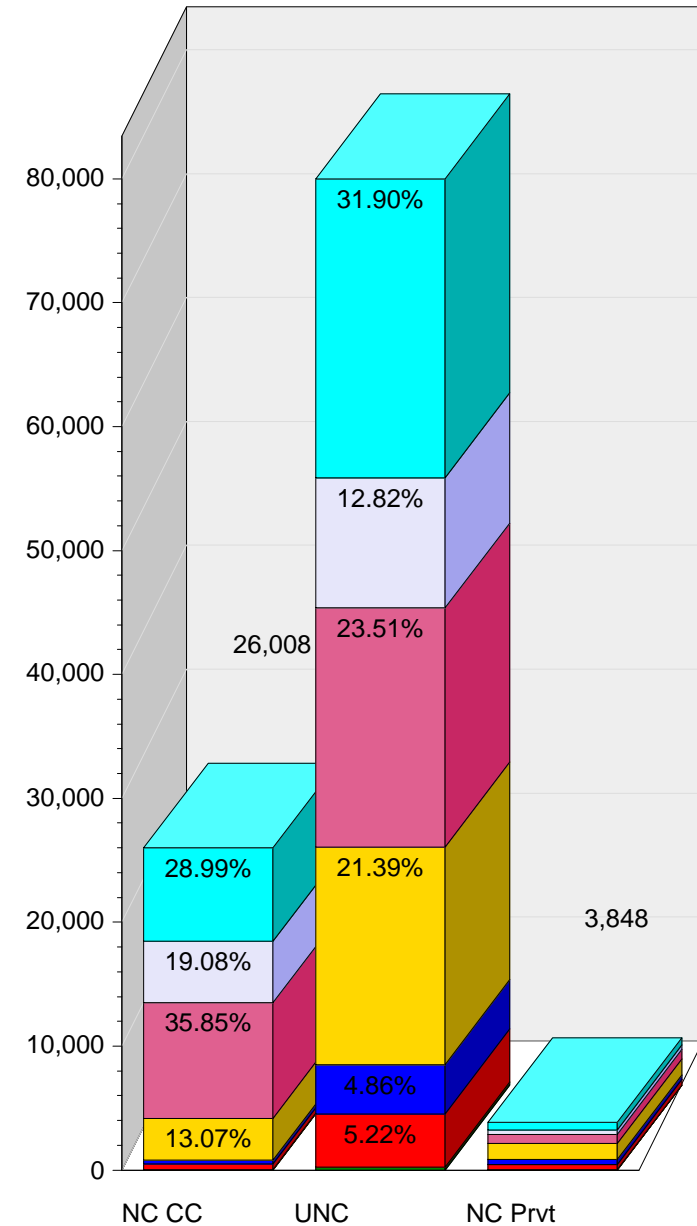
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

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

1000s of
Square Feet

82,073



Pct

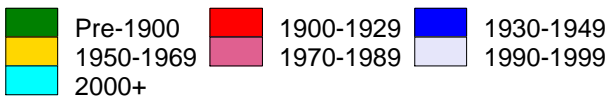
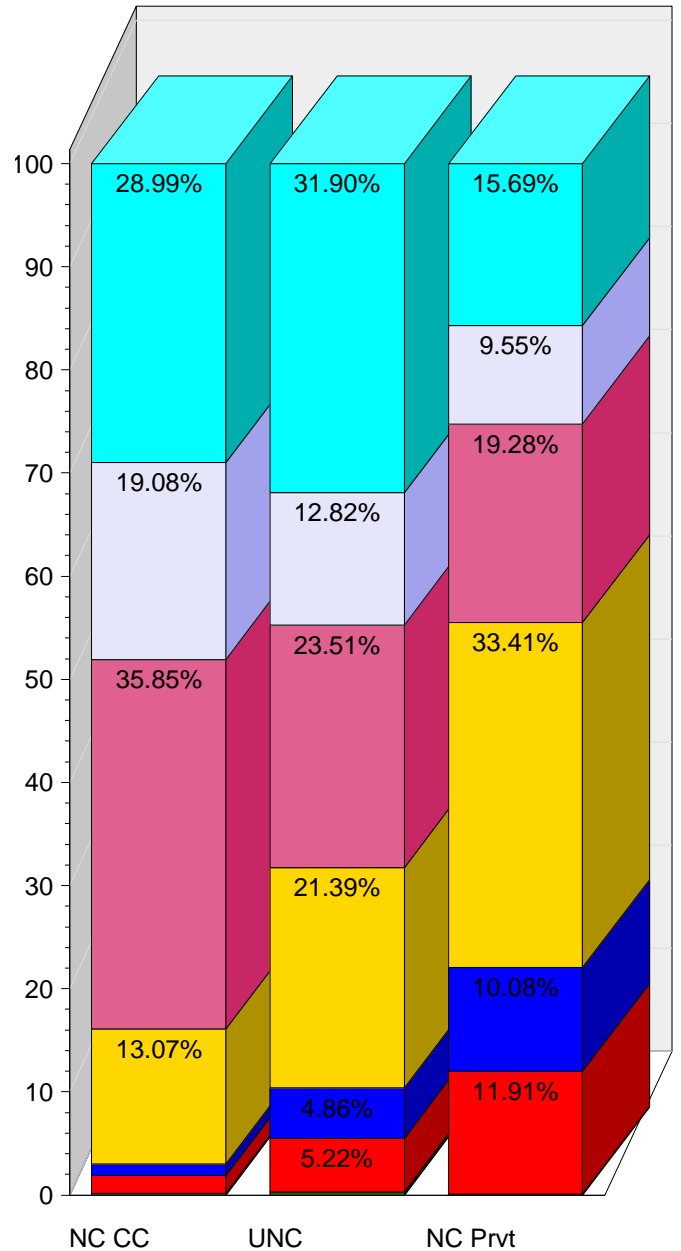


Table 21. Age of Buildings

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	15,437,547	71,233	929,122	1,243,229	3,843,380	3,158,959	2,182,266	4,009,358	
NC State Veterinary Med	855,659	-	-	30,615	22,266	376,013	15,019	411,746	
UNC-Chapel Hill	12,615,725	135,326	1,346,694	897,599	2,644,976	2,083,408	1,255,394	4,252,328	
UNC-Chapel Hill Health Aff.	6,217,778	-	-	130,462	932,475	1,705,826	1,231,069	2,217,946	
Subtotal	35,126,709	206,559	2,275,816	2,301,905	7,443,097	7,324,206	4,683,748	10,891,378	
Doctoral Universities I and II									
East Carolina	4,816,314	-	588,517	189,846	1,985,443	976,267	414,452	661,789	
East Carolina Health Aff.	1,368,021	-	-	-	40,253	608,660	193,141	525,967	
NC A&T	3,181,958	-	83,209	216,698	987,459	722,758	218,657	953,177	
UNC Charlotte	7,392,087	-	-	-	495,718	2,076,448	1,478,198	3,341,723	
UNC Greensboro	5,751,743	35,417	825,753	261,762	1,119,026	1,124,780	961,808	1,423,197	
Subtotal	22,510,123	35,417	1,497,479	668,306	4,627,899	5,508,913	3,266,256	6,905,853	
Master's (Comprehensive) Universities and Colleges I									
Appalachian	4,664,029	-	7,010	225,497	1,356,283	1,030,037	499,186	1,546,016	
Fayetteville	1,289,806	-	23,364	129,538	307,764	426,887	235,374	166,879	
NC Central	2,256,444	-	39,725	207,429	661,997	507,939	174,070	665,284	
UNC Pembroke	1,469,487	-	-	-	399,815	442,066	59,142	568,464	
UNC Wilmington	3,729,696	-	33,652	-	247,536	1,283,894	254,483	1,910,131	
Western Carolina	2,990,480	2,563	56,107	196,152	885,958	1,030,404	2,046	817,250	
Winston-Salem	1,754,068	-	71,407	56,786	284,557	390,831	310,091	640,396	
Subtotal	18,154,010	2,563	231,265	815,402	4,143,910	5,112,058	1,534,392	6,314,420	
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,300,596	-	94,478	57,955	255,429	336,676	108,377	447,681	
UNC Asheville	1,428,485	-	-	-	266,193	288,793	416,453	457,046	
Subtotal	2,729,081	-	94,478	57,955	521,622	625,469	524,830	904,727	
Schools of Art, Music, and Design									
UNC School of the Arts	1,054,197	-	188,910	92,839	245,640	196,426	98,095	232,287	
Subtotal	1,054,197	-	188,910	92,839	245,640	196,426	98,095	232,287	
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	389,753	-	-	-	600	172,942	51,209	165,002	
Asheville-Buncombe	921,954	10,161	3,785	10,411	242,809	252,841	148,395	253,552	
Beaufort Co.	240,348	-	-	-	-	128,628	49,928	61,792	
Bladen	149,417	-	-	2,520	-	100,175	21,611	25,111	
Blue Ridge	401,360	-	-	-	-	146,613	132,770	121,977	
Brunswick	371,491	-	-	3,732	22,989	139,256	120,851	84,663	
Caldwell	490,265	-	-	-	83,274	168,683	125,316	112,992	
Cape Fear	911,051	-	-	-	49,540	208,991	214,475	438,045	
Carteret	236,630	-	2,747	-	11,297	73,956	42,339	106,291	
Catawba Valley	558,726	-	-	-	84,931	247,099	63,788	162,908	
Central Carolina	535,254	-	23,866	30,035	64,027	108,306	147,387	161,633	
Central Piedmont	3,111,843	-	105,483	32,313	225,216	817,607	562,926	1,368,298	
Cleveland	295,233	-	-	-	-	186,066	45,260	63,907	
Coastal Carolina	331,906	-	-	-	-	216,362	60,664	54,880	
Coll. of Albemarle	369,544	-	-	5,268	79,941	178,389	21,800	84,146	
Craven	315,007	-	-	-	-	117,255	76,480	121,272	
Davidson County	450,996	-	-	3,286	122,284	132,048	129,771	63,607	
Durham	506,417	-	-	-	163,189	136,258	89,912	117,058	
Edgecombe	245,878	-	20,173	-	-	119,135	28,420	78,150	
Fayetteville	856,368	-	-	3,905	202,223	226,650	245,829	177,761	
Forsyth	738,451	-	-	-	193,801	160,382	217,139	167,129	
Gaston	699,867	-	63,927	64,000	153,100	140,357	79,354	199,129	
Guilford	1,324,673	1,931	4,594	10,850	123,031	346,931	317,836	519,500	
Halifax	275,321	-	-	-	-	110,345	72,533	92,443	
Haywood	329,776	-	-	-	25,972	184,394	80,037	39,373	
Isothermal	325,473	-	3,119	-	57,962	164,503	61,000	38,889	
James Sprunt	170,957	-	2,064	-	24,245	96,648	28,000	20,000	
Johnston	473,378	-	-	-	4,948	220,976	95,281	152,173	
Lenoir	427,081	-	5,940	3,221	132,719	154,795	83,666	46,740	
Martin	229,431	-	-	-	-	163,591	65,840	-	

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
Mayland	175,839	-	-	-	-	95,662	48,355	31,822
McDowell	159,319	-	-	-	30,104	78,131	18,950	32,134
Mitchell	398,657	28,793	91,303	35,043	58,766	80,908	-	103,844
Montgomery	129,642	-	-	-	600	73,986	48,678	6,378
Nash	258,515	-	-	-	-	157,799	54,152	46,564
Pamlico	86,035	-	-	-	-	40,957	8,932	36,146
Piedmont	182,713	-	-	-	-	134,984	8,705	39,024
Pitt	441,944	-	-	-	75,365	103,329	114,221	149,029
Randolph	343,609	-	-	-	43,991	188,850	52,683	58,085
Richmond	251,265	-	-	9,000	62,326	86,339	38,500	55,100
Roanoke-Chowan	167,421	-	-	-	8,379	114,542	13,000	31,500
Robeson	281,103	-	-	-	1,443	184,284	19,795	75,581
Rockingham	327,731	-	-	-	148,238	120,791	42,510	16,192
Rowan-Cabarrus	518,864	-	-	-	136,987	84,305	144,848	152,724
Sampson	199,414	-	-	-	4,109	115,265	36,689	43,351
Sandhills	461,087	-	-	-	122,021	143,522	68,051	127,493
South Piedmont	462,646	-	117,000	-	-	125,586	31,600	188,460
Southeastern	250,754	-	-	3,754	82,095	80,495	38,361	46,049
Southwestern	260,468	-	-	-	-	202,100	30,640	27,728
Stanly	208,656	-	4,600	-	21,381	94,681	46,016	41,978
Surry	433,697	-	-	-	82,237	169,885	67,162	114,413
Tri-County	153,889	-	-	25,130	11,758	96,669	15,600	4,732
Vance-Granville	390,209	-	-	-	3,069	235,030	59,403	92,707
Wake	1,373,393	-	-	-	92,808	337,280	233,204	710,101
Wayne	389,067	-	-	-	-	180,460	144,327	64,280
Western Piedmont	398,812	-	-	52,082	140,716	122,397	39,030	44,587
Wilkes	410,580	-	-	-	113,335	168,997	49,303	78,945
Wilson	209,319	-	-	-	90,580	86,103	10,170	22,466
Subtotal	26,008,497	40,885	448,601	294,550	3,398,406	9,323,519	4,962,702	7,539,834
Private Institutions								
NC Private Universities								
Barton	495,166	-	6,000	21,508	325,969	41,564	28,669	71,456
Campbell	1,552,514	-	118,919	44,966	435,406	354,796	204,426	394,001
HS1077	450,476	-	216,933	31,467	-	143,206	58,870	-
Mars Hill	791,814	3,000	115,161	119,975	243,184	156,172	73,962	80,360
Pfeiffer	558,149	-	1,288	170,004	281,148	46,152	1,426	58,131
Subtotal	3,848,119	3,000	458,301	387,920	1,285,707	741,890	367,353	603,948
Grand Total	111,929,985	288,424	5,194,850	4,670,133	22,236,276	29,362,060	15,851,742	34,326,500

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, a division of the North Carolina Department of Administration, on a three-year cycle for the UNC institutions. Figures are generated for both appropriated (fund) and non-appropriated facilities. Table 22a presents the FCAP dollar deficiency data as of the completion of the 2011 FCAP cycle (March, 2012), for the sixteen UNC institutions. These costs reflect funds required to restore facilities to their original functionality and performance level. **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. Conditon 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	8,067,184	52.3	3,932,774	25.5	2,068,519	13.4	1,344,475	8.7	18,153	0.1	6,442	0.0	15,437,547
NC State Veterinary Med	790,612	92.4	40,385	4.7	21,244	2.5	3,418	0.4	-	-	-	-	855,659
UNC-Chapel Hill	9,541,916	75.6	2,164,214	17.2	690,600	5.5	120,927	1.0	98,068	0.8	-	-	12,615,725
UNC-Chapel Hill Health Aff.	5,427,334	87.3	540,848	8.7	236,810	3.8	-	-	8,928	0.1	3,858	0.1	6,217,778
Subtotal	23,827,046	67.8	6,678,221	19.0	3,017,173	8.6	1,468,820	4.2	125,149	0.4	10,300	0.0	35,126,709
Doctoral Universities I and II													
East Carolina	1,262,347	26.2	957,989	19.9	585,074	12.1	2,010,757	41.7	-	-	147	0.0	4,816,314
East Carolina Health Aff.	820,946	60.0	32,015	2.3	493,410	36.1	8,806	0.6	-	-	12,844	0.9	1,368,021
NC A&T	1,594,533	50.1	130,194	4.1	431,437	13.6	1,025,794	32.2	-	-	-	-	3,181,958
UNC Charlotte	5,828,957	78.9	700,704	9.5	751,587	10.2	110,839	1.5	-	-	-	-	7,392,087
UNC Greensboro	3,946,634	68.6	594,510	10.3	1,013,217	17.6	197,382	3.4	-	-	-	-	5,751,743
Subtotal	13,453,417	59.8	2,415,412	10.7	3,274,725	14.5	3,353,578	14.9	-	-	12,991	0.1	22,510,123
Master's (Comprehensive) Universities and Colleges I													
Appalachian	4,229,838	90.7	260,551	5.6	133,000	2.9	40,640	0.9	-	-	-	-	4,664,029
Fayetteville	1,165,361	90.4	88,958	6.9	35,487	2.8	-	-	-	-	-	-	1,289,806
NC Central	1,914,329	84.8	130,106	5.8	121,789	5.4	24,504	1.1	6,379	0.3	59,337	2.6	2,256,444
UNC Pembroke	1,429,763	97.3	-	-	-	-	-	-	-	-	39,724	2.7	1,469,487
UNC Wilmington	3,694,549	99.1	5,066	0.1	-	-	30,081	0.8	-	-	-	-	3,729,696
Western Carolina	1,796,958	60.1	1,021,286	34.2	137,422	4.6	34,814	1.2	-	-	-	-	2,990,480
Winston-Salem	1,043,892	59.5	517,090	29.5	83,447	4.8	75,516	4.3	34,123	1.9	-	-	1,754,068
Subtotal	15,274,690	84.1	2,023,057	11.1	511,145	2.8	205,555	1.1	40,502	0.2	99,061	0.5	18,154,010
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	863,858	66.4	333,221	25.6	85,417	6.6	18,100	1.4	-	-	-	-	1,300,596
UNC Asheville	810,072	56.7	379,516	26.6	10,715	0.8	227,673	15.9	509	0.0	-	-	1,428,485
Subtotal	1,673,930	61.3	712,737	26.1	96,132	3.5	245,773	9.0	509	0.0	-	-	2,729,081
Schools of Art, Music, and Design													
UNC School of the Arts	781,299	74.1	176,539	16.7	51,158	4.9	42,817	4.1	1,184	0.1	1,200	0.1	1,054,197
Subtotal	781,299	74.1	176,539	16.7	51,158	4.9	42,817	4.1	1,184	0.1	1,200	0.1	1,054,197
Teaching Hospitals													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Subtotal	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Community Colleges													
Alamance	389,753	100.0	-	-	-	-	-	-	-	-	-	-	389,753
Asheville-Buncombe	774,679	84.0	147,275	16.0	-	-	-	-	-	-	-	-	921,954
Beaufort Co.	240,348	100.0	-	-	-	-	-	-	-	-	-	-	240,348
Bladen	142,636	95.5	420	0.3	3,841	2.6	2,520	1.7	-	-	-	-	149,417
Blue Ridge	338,260	84.3	-	-	63,100	15.7	-	-	-	-	-	-	401,360
Brunswick	344,770	92.8	3,732	1.0	20,314	5.5	-	-	-	-	2,675	0.7	371,491
Caldwell	490,265	100.0	-	-	-	-	-	-	-	-	-	-	490,265
Cape Fear	681,608	74.8	158,540	17.4	7,965	0.9	26,409	2.9	-	-	36,529	4.0	911,051
Carteret	222,586	94.1	-	-	5,197	2.2	8,847	3.7	-	-	-	-	236,630
Catawba Valley	558,726	100.0	-	-	-	-	-	-	-	-	-	-	558,726
Central Carolina	521,004	97.3	14,250	2.7	-	-	-	-	-	-	-	-	535,254
Central Piedmont	2,215,094	71.2	621,895	20.0	139,742	4.5	63,301	2.0	62,600	2.0	9,211	0.3	3,111,843
Cleveland	295,233	100.0	-	-	-	-	-	-	-	-	-	-	295,233
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	329,126	89.1	29,800	8.1	-	-	10,618	2.9	-	-	-	-	369,544
Craven	315,007	100.0	-	-	-	-	-	-	-	-	-	-	315,007
Davidson County	450,996	100.0	-	-	-	-	-	-	-	-	-	-	450,996
Durham	452,708	89.4	-	-	-	-	53,709	10.6	-	-	-	-	506,417
Edgecombe	245,878	100.0	-	-	-	-	-	-	-	-	-	-	245,878
Fayetteville	848,969	99.1	-	-	-	-	-	-	7,200	0.8	199	0.0	856,368
Forsyth	738,451	100.0	-	-	-	-	-	-	-	-	-	-	738,451
Gaston	699,867	100.0	-	-	-	-	-	-	-	-	-	-	699,867
Guilford	842,158	63.6	232,849	17.6	155,323	11.7	92,412	7.0	-	-	1,931	0.1	1,324,673
Halifax	275,321	100.0	-	-	-	-	-	-	-	-	-	-	275,321
Haywood	288,116	87.4	39,500	12.0	-	-	-	-	-	-	2,160	0.7	329,776
Isothermal	325,473	100.0	-	-	-	-	-	-	-	-	-	-	325,473
James Sprunt	165,965	97.1	-	-	-	-	3,624	2.1	1,368	0.8	-	-	170,957
Johnston	473,378	100.0	-	-	-	-	-	-	-	-	-	-	473,378
Lenoir	427,081	100.0	-	-	-	-	-	-	-	-	-	-	427,081
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	159,622	90.8	-	-	-	-	-	-	16,217	9.2	-	-	175,839

Table 22. Conditon 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	%	
McDowell	159,319	100.0	-	-	-	-	-	-	-	-	-	-	159,319
Mitchell	194,947	48.9	37,035	9.3	55,755	14.0	110,920	27.8	-	-	-	-	398,657
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
Nash	258,515	100.0	-	-	-	-	-	-	-	-	-	-	258,515
Pamlico	84,556	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,035
Piedmont	182,713	100.0	-	-	-	-	-	-	-	-	-	-	182,713
Pitt	369,631	83.6	-	-	-	-	69,551	15.7	-	-	2,762	0.6	441,944
Randolph	343,609	100.0	-	-	-	-	-	-	-	-	-	-	343,609
Richmond	251,265	100.0	-	-	-	-	-	-	-	-	-	-	251,265
Roanoke-Chowan	167,421	100.0	-	-	-	-	-	-	-	-	-	-	167,421
Robeson	281,103	100.0	-	-	-	-	-	-	-	-	-	-	281,103
Rockingham	327,731	100.0	-	-	-	-	-	-	-	-	-	-	327,731
Rowan-Cabarrus	475,830	91.7	-	-	43,034	8.3	-	-	-	-	-	-	518,864
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	360,846	78.3	57,779	12.5	-	-	42,462	9.2	-	-	-	-	461,087
South Piedmont	462,646	100.0	-	-	-	-	-	-	-	-	-	-	462,646
Southeastern	72,878	29.1	64,775	25.8	79,092	31.5	34,009	13.6	-	-	-	-	250,754
Southwestern	260,468	100.0	-	-	-	-	-	-	-	-	-	-	260,468
Stanly	208,656	100.0	-	-	-	-	-	-	-	-	-	-	208,656
Surry	433,697	100.0	-	-	-	-	-	-	-	-	-	-	433,697
Tri-County	153,025	99.4	-	-	-	-	-	-	-	-	864	0.6	153,889
Vance-Granville	390,209	100.0	-	-	-	-	-	-	-	-	-	-	390,209
Wake	1,269,127	92.4	-	-	-	-	104,266	7.6	-	-	-	-	1,373,393
Wayne	389,067	100.0	-	-	-	-	-	-	-	-	-	-	389,067
Western Piedmont	346,730	86.9	-	-	51,722	13.0	360	0.1	-	-	-	-	398,812
Wilkes	407,065	99.1	-	-	-	-	-	-	-	-	3,515	0.9	410,580
Wilson	209,319	100.0	-	-	-	-	-	-	-	-	-	-	209,319
Subtotal	23,203,844	89.2	1,407,850	5.4	626,564	2.4	623,008	2.4	87,385	0.3	59,846	0.2	26,008,497
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,463,035	94.2	45,196	2.9	44,283	2.9	-	-	-	-	-	-	1,552,514
HS1077	450,476	100.0	-	-	-	-	-	-	-	-	-	-	450,476
Mars Hill	343,547	43.4	260,554	32.9	110,483	14.0	77,230	9.8	-	-	-	-	791,814
Pfeiffer	533,051	95.5	9,444	1.7	13,670	2.4	-	-	1,984	0.4	-	-	558,149
Subtotal	3,285,275	85.4	315,194	8.2	168,436	4.4	77,230	2.0	1,984	0.1	-	-	3,848,119
Grand Total	83,998,750	75.0	13,729,010	12.3	7,745,333	6.9	6,016,781	5.4	256,713	0.2	183,398	0.2	111,929,985

Table 22a. FCAP 2011: Facilities Maintenance and Repair

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

Institution	Appropriated Facilities	Non- Appropriated Facilities	Total Deficiency
N.C. State	369,559,218	105,959,943	475,519,161
UNC-Chapel Hill	405,416,231	218,154,452	623,570,683
East Carolina	305,112,920	103,340,040	408,452,960
UNC-Greensboro	161,478,274	163,965,799	325,444,073
Appalachian State	89,091,693	58,362,435	147,454,128
Fayetteville State	13,867,735	16,301,876	30,169,611
N.C. A&T State	66,577,999	19,477,269	86,055,268
N.C. Central	52,440,648	17,056,000	69,496,648
UNC-Charlotte	71,979,127	54,424,046	126,403,173
UNC-Pembroke	24,174,020	18,690,246	42,864,266
UNC-Wilmington	116,465,608	56,486,173	172,951,781
Western Carolina	101,554,967	84,288,308	185,843,275
Elizabeth City	31,836,194	73,704,710	105,540,904
UNC-Asheville	49,378,992	7,816,125	57,195,117
Winston-Salem State	67,679,242	35,583,585	103,262,827
N.C. School of the Arts	16,783,372	6,842,329	23,625,701
UNCCH-Health Affairs	262,019,071	219,349	262,238,420
ECU-Health Affairs	29,088,885	1,839,017	30,927,902
NCSU Vet School	13,886,448	23,622	13,910,070
UNC TOTAL	2,248,390,644	1,042,535,324	3,290,925,968

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	1,111	\$927,807,734	\$3,490,663,149	525	7,370,363	\$639,795,914
NC State Veterinary Med	49	\$105,361,248	\$154,794,568	16	65,047	\$3,376,930
UNC-Chapel Hill	364	\$1,145,869,784	\$2,823,353,074	67	3,073,809	\$196,139,423
UNC-Chapel Hill Health Aff.	106	\$646,661,769	\$1,393,460,950	24	790,444	\$60,596,390
Subtotal	1,630	\$2,825,700,535	\$7,862,271,741	632	11,299,663	\$899,908,657
Doctoral Universities I and II						
East Carolina	155	\$311,397,186	\$1,125,649,740	111	3,553,967	\$370,955,987
East Carolina Health Aff.	51	\$184,083,573	\$365,157,503	21	547,075	\$45,046,919
NC A&T	121	\$225,055,807	\$749,672,682	46	1,587,425	\$248,337,895
UNC Charlotte	109	\$672,722,131	\$1,260,910,807	41	1,563,130	\$93,815,599
UNC Greensboro	112	\$347,448,622	\$1,914,110,787	35	1,805,109	\$256,276,202
Subtotal	548	\$1,740,707,319	\$5,415,501,519	254	9,056,706	\$1,014,432,602
Master's (Comprehensive) Universities and Colleges I						
Appalachian	90	\$426,248,917	\$932,730,602	14	434,191	\$24,480,142
Fayetteville	50	\$95,634,803	\$221,591,021	10	124,445	\$3,984,328
NC Central	63	\$232,278,970	\$453,939,312	19	342,115	\$22,491,406
UNC Pembroke	48	\$130,699,936	\$305,663,022	1	39,724	\$7,546,572
UNC Wilmington	153	\$413,522,537	\$676,121,842	2	35,147	\$3,336,407
Western Carolina	104	\$225,995,364	\$519,476,142	44	1,193,522	\$40,258,354
Winston-Salem	45	\$129,039,513	\$274,629,101	22	710,176	\$30,647,895
Subtotal	553	\$1,653,420,040	\$3,384,151,042	112	2,879,320	\$132,745,104
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	62	\$108,982,605	\$257,110,332	25	436,738	\$20,747,174
UNC Asheville	39	\$162,483,527	\$370,227,010	19	618,413	\$67,005,012
Subtotal	101	\$271,466,132	\$627,337,342	44	1,055,151	\$87,752,186
Schools of Art, Music, and Design						
UNC School of the Arts	71	\$75,237,491	\$199,307,947	24	272,898	\$12,324,719
Subtotal	71	\$75,237,491	\$199,307,947	24	272,898	\$12,324,719
Teaching Hospitals						
UNC Hospitals	30	\$138,544,106	\$390,324,461	-	-	-
Subtotal	30	\$138,544,106	\$390,324,461	-	-	-
Community Colleges						
Alamance	14	\$28,713,943	\$65,783,528	-	-	-
Asheville-Buncombe	26	\$117,624,254	\$194,217,732	1	147,275	\$12,883,999
Beaufort Co.	16	\$15,038,835	\$32,932,199	-	-	-
Bladen	24	\$8,626,162	\$20,978,421	3	6,781	\$253,940
Blue Ridge	15	\$37,041,040	\$61,456,128	1	63,100	\$3,816,867
Brunswick	18	\$42,207,286	\$63,479,906	3	26,721	\$1,335,356
Caldwell	22	\$43,597,730	\$84,582,127	-	-	-
Cape Fear	32	\$91,956,536	\$159,995,094	8	229,443	\$14,807,923
Carteret	17	\$17,478,813	\$40,826,037	4	14,044	\$1,132,324
Catawba Valley	17	\$33,898,394	\$75,074,446	-	-	-
Central Carolina	36	\$39,674,645	\$83,721,525	1	14,250	\$267,145
Central Piedmont	46	\$281,214,075	\$501,008,334	13	896,749	\$42,512,342
Cleveland	14	\$22,983,131	\$44,994,232	-	-	-
Coastal Carolina	15	\$25,802,443	\$56,953,387	-	-	-
Coll. of Albemarle	23	\$25,011,752	\$134,246,521	5	40,418	\$3,222,861
Craven	15	\$31,819,139	\$55,732,612	-	-	-
Davidson County	29	\$26,894,875	\$78,914,803	-	-	-
Durham	17	\$34,355,718	\$81,935,805	1	53,709	\$5,740,301
Edgecombe	12	\$19,385,035	\$40,000,169	-	-	-
Fayetteville	38	\$52,426,593	\$117,452,311	2	7,399	\$177,551
Forsyth	33	\$47,290,943	\$111,975,614	-	-	-
Gaston	28	\$88,906,476	\$151,386,127	-	-	-
Guilford	51	\$107,197,702	\$272,667,924	24	482,515	\$35,136,960
Halifax	16	\$17,710,747	\$35,491,098	-	-	-
Haywood	26	\$20,038,965	\$43,136,762	2	41,660	\$1,203,547
Isothermal	22	\$22,032,786	\$55,793,961	-	-	-
James Sprunt	16	\$8,555,536	\$23,625,692	5	4,992	\$256,840

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
Johnston	28	\$37,456,622	\$76,906,365	-	-	-
Lenoir	27	\$25,334,734	\$57,213,968	-	-	-
Martin	12	\$4,891,455	\$20,208,926	-	-	-
Mayland	19	\$13,987,818	\$29,513,663	4	16,217	\$2,177,256
McDowell	10	\$10,404,072	\$24,582,484	-	-	-
Mitchell	27	\$19,749,528	\$55,825,374	11	203,710	\$14,248,205
Montgomery	7	\$8,850,023	\$18,570,374	-	-	-
Nash	10	\$20,480,228	\$38,201,964	-	-	-
Pamlico	9	\$8,017,519	\$15,442,261	1	1,479	\$86,746
Piedmont	19	\$12,715,560	\$27,408,901	-	-	-
Pitt	24	\$38,723,728	\$72,652,945	5	72,313	\$7,425,934
Randolph	29	\$18,987,725	\$45,594,325	-	-	-
Richmond	12	\$21,918,583	\$45,019,984	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$25,342,522	-	-	-
Robeson	21	\$21,781,650	\$45,210,531	-	-	-
Rockingham	16	\$15,121,026	\$46,232,602	-	-	-
Rowan-Cabarrus	23	\$56,240,969	\$98,235,642	1	43,034	\$2,297,172
Sampson	14	\$16,606,673	\$31,646,165	-	-	-
Sandhills	27	\$40,107,109	\$78,802,758	7	100,241	\$5,064,366
South Piedmont	19	\$15,789,493	\$59,712,740	-	-	-
Southeastern	24	\$14,862,069	\$47,079,943	13	177,876	\$13,321,854
Southwestern	16	\$17,588,951	\$38,717,616	-	-	-
Stanly	15	\$12,860,020	\$34,464,360	-	-	-
Surry	22	\$27,267,296	\$63,791,000	-	-	-
Tri-County	20	\$6,785,112	\$21,990,689	1	864	\$73,190
Vance-Granville	20	\$31,169,629	\$64,299,886	-	-	-
Wake	35	\$100,839,417	\$175,565,164	2	104,266	\$1,726,730
Wayne	16	\$36,291,973	\$67,083,072	-	-	-
Western Piedmont	34	\$16,950,463	\$54,375,785	12	52,082	\$379,135
Wilkes	24	\$25,778,223	\$60,106,896	1	3,515	\$107,419
Wilson	15	\$10,922,905	\$31,932,963	-	-	-
Subtotal	1,241	\$2,025,668,900	\$4,260,094,363	131	2,804,653	\$169,655,963
Private Institutions						
NC Private Universities						
Barton	31	\$53,222,350	\$105,096,094	-	-	-
Campbell	129	\$134,974,058	\$261,846,611	11	89,479	\$4,013,481
HS1077	11	\$36,275,247	\$86,954,918	-	-	-
Mars Hill	40	\$31,771,755	\$120,150,860	23	448,267	\$20,702,524
Pfeiffer	47	\$16,936,297	\$79,651,218	5	25,098	\$1,133,218
Subtotal	258	\$273,179,707	\$653,699,701	39	562,844	\$25,849,223
Grand Total	4,432	\$9,003,924,230	\$22,792,688,116	1,236	27,931,235	\$2,342,668,454



Simulated Regional Hospital, Catawba Valley Community College

The Simulated Regional Hospital is a state-of-the-art facility designed to provide students, the community and the region with a realistic health-care setting for education and research. The largest simulated hospital of its kind on the east coast, the 28,000 square foot facility takes up the entire 5th floor of the Cuyler Dunbar Building on CVCC’s campus. Realistic health-care experiences can be simulated to meet the clinical training needs of health-care students and practicing professionals. The \$1.8 million facility includes Surgical/trauma operating room with separate scrub area, 2-bed Intensive Care Unit, a small nursing unit with an OBGYN and bariatric room, med area, nurse station, acute care unit with 11 rooms and an isolation room, nurse station, medication area, a large nursing station, simulation control room for each unit, and all the other supporting rooms associated with a working hospital. The entire facility is totally accessible to the mobility impaired.

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

TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

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

One of the groups protected by both pieces of legislation is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all of their facilities barrier-free, they do require that an institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of the earlier Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of the original legislation. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country has improved dramatically.

The definition of building space accessibility in the 2006 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 2009 edition of the N.C. Manual) includes *approach to* a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheelchair or other support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2011	2010	2009	2008	2007
Public Institutions							
Research Universities I							
NC State	8,194,386	6,012,388	73.4	71.2	69.6	68.0	67.7
NC State Veterinary Med	423,800	343,240	81.0	77.4	76.9	76.7	75.1
UNC-Chapel Hill	6,927,035	6,302,085	91.0	91.0	88.2	88.2	89.5
UNC-Chapel Hill Health Aff.	2,487,837	2,446,905	98.4	98.3	93.9	93.9	98.1
Subtotal	18,033,058	15,104,618	83.8	82.7	80.4	79.6	80.3
Doctoral Universities I and II							
East Carolina	3,296,007	2,902,506	88.1	100.0	52.7	69.2	69.2
East Carolina Health Aff.	769,480	768,200	99.8	100.0	68.4	100.0	96.5
NC A&T	2,236,738	2,064,296	92.3	92.0	92.0	91.7	92.3
UNC Charlotte	3,130,706	2,902,291	92.7	94.5	95.8	88.1	90.6
UNC Greensboro	2,833,599	2,374,648	83.8	86.3	87.2	87.1	86.5
Subtotal	12,266,530	11,011,941	89.8	94.1	79.3	83.8	84.1
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,738,114	2,236,295	81.7	80.1	80.0	79.4	79.1
Fayetteville	788,724	708,123	89.8	89.0	88.4	41.6	38.7
NC Central	1,452,483	1,308,305	90.1	86.7	86.7	86.5	86.1
UNC Pembroke	978,642	871,054	89.0	87.5	87.5	87.4	87.0
UNC Wilmington	2,146,418	2,146,418	100.0	93.4	92.8	92.8	92.6
Western Carolina	1,940,454	1,430,354	73.7	73.6	73.0	68.9	67.5
Winston-Salem	1,085,813	907,486	83.6	83.6	81.3	81.2	79.1
Subtotal	11,130,648	9,608,035	86.3	84.0	83.5	79.2	78.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	864,122	718,588	83.2	82.6	81.7	81.3	81.3
UNC Asheville	849,360	818,011	96.3	94.2	93.6	93.6	93.3
Subtotal	1,713,482	1,536,599	89.7	88.2	87.6	87.3	87.0
Schools of Art, Music, and Design							
UNC School of the Arts	736,689	567,719	77.1	77.1	77.0	76.6	73.9
Subtotal	736,689	567,719	77.1	77.1	77.0	76.6	73.9
Teaching Hospitals							
UNC Hospitals	1,358,302	1,194,182	87.9	87.9	87.9	100.0	100.0
Subtotal	1,358,302	1,194,182	87.9	87.9	87.9	100.0	100.0
Community Colleges							
Alamance	237,543	236,555	99.6	99.6	99.5	99.5	99.5
Asheville-Buncombe	526,270	506,441	96.2	96.2	96.2	95.9	96.2
Beaufort Co.	171,008	170,527	99.7	99.7	99.7	99.7	99.7
Bladen	112,520	110,457	98.2	98.2	98.0	97.9	97.9
Blue Ridge	289,926	289,926	100.0	100.0	100.0	100.0	100.0
Brunswick	244,941	237,136	96.8	96.6	96.6	95.8	95.6
Caldwell	339,356	336,673	99.2	99.2	99.2	99.2	99.1
Cape Fear	486,292	478,565	98.4	99.2	99.2	99.1	99.1
Carteret	164,647	155,236	94.3	94.3	94.3	94.3	94.0
Catawba Valley	360,392	359,657	99.8	99.8	99.8	99.8	99.8
Central Carolina	372,982	371,416	99.6	99.6	98.8	98.8	98.8
Central Piedmont	1,255,131	1,238,702	98.7	98.7	98.9	98.8	98.8
Cleveland	199,079	197,869	99.4	99.4	99.4	98.5	98.4
Coastal Carolina	225,546	224,582	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	234,290	234,190	100.0	100.0	100.0	100.0	100.0
Craven	207,789	197,496	95.0	95.0	95.7	95.7	94.7
Davidson County	306,081	297,899	97.3	96.7	96.6	96.4	96.3
Durham	339,744	299,880	88.3	88.1	88.4	88.4	87.4
Edgecombe	168,825	160,916	95.3	95.3	95.3	95.3	95.1
Fayetteville	584,955	550,791	94.2	94.1	94.4	92.4	92.4
Forsyth	511,708	504,608	98.6	98.6	98.5	98.5	98.4
Gaston	463,835	437,890	94.4	93.6	93.6	92.6	92.4
Guilford	891,777	834,703	93.6	95.0	94.6	94.1	95.4
Halifax	187,362	186,839	99.7	99.7	99.7	99.7	99.7
Haywood	241,956	225,058	93.0	92.7	92.9	93.0	92.7
Isothermal	217,262	199,743	91.9	91.9	91.9	91.8	91.3
James Sprunt	121,267	113,866	93.9	93.9	93.8	93.8	93.3
Johnston	341,123	334,852	98.2	98.0	98.0	97.9	97.8
Lenoir	321,439	309,823	96.4	96.9	96.9	96.7	96.3
Martin	170,782	146,952	86.0	86.0	86.0	84.2	84.2

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2011	2010	2009	2008	2007
Mayland	127,351	123,439	96.9	96.5	96.6	96.3	96.3
McDowell	117,076	114,980	98.2	98.2	97.7	97.6	97.6
Mitchell	267,258	242,768	90.8	90.1	90.1	89.7	89.7
Montgomery	91,051	91,027	100.0	100.0	98.5	98.4	98.4
Nash	169,106	167,385	99.0	99.0	99.0	99.0	99.0
Pamlico	55,243	54,694	99.0	97.8	97.8	97.8	97.3
Piedmont	141,771	140,106	98.8	98.8	98.8	98.7	98.8
Pitt	282,476	280,295	99.2	99.1	99.0	98.8	98.8
Randolph	259,858	259,375	99.8	99.8	99.8	99.8	99.8
Richmond	177,262	165,375	93.3	93.3	92.7	92.7	92.8
Roanoke-Chowan	117,209	113,541	96.9	96.9	96.9	96.9	96.9
Robeson	202,574	202,550	100.0	100.0	100.0	100.0	100.0
Rockingham	232,027	215,383	92.8	92.8	92.8	92.8	92.8
Rowan-Cabarrus	380,573	380,546	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	304,268	294,662	96.8	96.8	96.7	96.8	96.8
South Piedmont	271,477	230,759	85.0	84.8	84.8	84.9	84.6
Southeastern	181,610	178,245	98.1	98.2	94.7	94.7	93.7
Southwestern	185,737	179,258	96.5	96.5	96.5	96.5	96.4
Stanly	147,198	146,726	99.7	99.7	99.7	99.7	99.7
Surry	302,761	296,997	98.1	97.8	97.8	97.8	97.8
Tri-County	117,544	114,527	97.4	97.4	97.4	97.4	97.1
Vance-Granville	246,527	239,850	97.3	97.3	97.3	97.3	97.3
Wake	748,527	737,404	98.5	96.6	96.7	96.4	95.9
Wayne	242,421	240,093	99.0	99.0	99.0	99.0	99.0
Western Piedmont	286,825	238,621	83.2	83.2	83.2	80.2	79.3
Wilkes	294,999	290,123	98.3	98.3	98.3	98.3	98.3
Wilson	144,959	141,816	97.8	97.8	97.8	97.7	97.7
Subtotal	16,530,573	15,967,663	96.6	96.5	96.4	96.2	96.2
Private Institutions							
NC Private Universities							
Barton	350,454	328,901	93.8	93.8	93.8	93.7	93.7
Campbell	1,067,622	766,099	71.8	72.0	71.1	67.8	60.7
HS1077	-	-	-	100.0	-	-	-
Mars Hill	538,621	313,495	58.2	58.2	58.2	55.2	53.4
Pfeiffer	373,545	196,788	52.7	53.2	52.7	51.4	51.4
Subtotal	2,330,242	1,605,283	68.9	71.9	68.4	65.8	62.5
Grand Total	64,099,524	56,596,040	88.3	88.4	84.7	84.6	84.6

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	6,012,388	87.8	73.2	74.4	93.0	58.7	76.3	52.3	79.8	81.0
NC State Veterinary Med	343,240	65.3	72.4	97.3	91.9	97.8	61.7	76.9	100.0	99.7
UNC-Chapel Hill	6,302,085	94.8	97.4	91.4	99.1	86.3	93.2	90.5	95.7	86.3
UNC-Chapel Hill Health Aff.	2,446,905	99.2	99.1	99.1	97.6	99.9	99.4	65.2	74.0	95.5
Subtotal	15,104,618	91.6	83.0	88.2	96.7	74.8	85.1	78.1	84.1	87.6
Doctoral Universities I and II										
East Carolina	2,902,506	95.5	85.9	99.6	98.6	97.0	90.6	56.7	100.0	23.3
East Carolina Health Aff.	768,200	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0
NC A&T	2,064,296	98.3	99.2	100.0	98.2	78.6	98.3	78.1	100.0	100.0
UNC Charlotte	2,902,291	93.9	97.4	100.0	95.7	91.6	86.4	78.9	-	95.0
UNC Greensboro	2,374,648	95.3	93.1	81.1	89.2	85.2	96.6	80.3	99.8	23.9
Subtotal	11,011,941	96.0	96.7	99.1	95.6	89.8	94.2	72.4	99.9	31.7
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,236,295	89.0	72.1	32.7	100.0	77.4	78.6	88.9	100.0	100.0
Fayetteville	708,123	100.0	100.0	100.0	100.0	76.6	97.1	100.0	100.0	100.0
NC Central	1,308,305	90.5	87.7	100.0	94.8	91.4	75.3	76.0	100.0	89.5
UNC Pembroke	871,054	97.1	100.0	100.0	100.0	81.4	98.8	99.8	-	-
UNC Wilmington	2,146,418	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Western Carolina	1,430,354	95.8	94.9	100.0	95.4	60.5	54.7	98.4	100.0	65.7
Winston-Salem	907,486	81.6	76.5	87.9	94.4	87.7	60.4	92.5	100.0	49.2
Subtotal	9,608,035	93.0	94.4	56.7	97.6	81.6	80.0	94.9	100.0	85.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	718,588	96.4	100.0	100.0	95.7	74.1	73.0	100.0	-	71.8
UNC Asheville	818,011	100.0	100.0	100.0	100.0	93.3	90.2	100.0	100.0	100.0
Subtotal	1,536,599	98.0	100.0	100.0	98.4	83.6	80.6	100.0	100.0	83.1
Schools of Art, Music, and Design										
UNC School of the Arts	567,719	91.1	-	100.0	86.6	69.1	53.5	8.0	100.0	54.9
Subtotal	567,719	91.1	-	100.0	86.6	69.1	53.5	8.0	100.0	54.9
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	236,555	99.8	-	100.0	100.0	100.0	97.3	100.0	100.0	-
Asheville-Buncombe	506,441	96.7	-	100.0	100.0	97.6	75.7	100.0	98.3	98.3
Beaufort Co.	170,527	99.9	-	100.0	100.0	99.3	98.5	100.0	100.0	-
Bladen	110,457	97.1	-	100.0	99.2	100.0	99.7	100.0	100.0	-
Blue Ridge	289,926	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Brunswick	237,136	98.7	-	100.0	100.0	100.0	97.6	100.0	91.4	100.0
Caldwell	336,673	99.8	-	100.0	100.0	95.5	96.4	100.0	100.0	100.0
Cape Fear	478,565	98.1	-	100.0	100.0	97.6	99.2	99.5	100.0	100.0
Carteret	155,236	96.2	-	-	71.1	91.5	97.6	100.0	100.0	-
Catawba Valley	359,657	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	371,416	99.5	-	100.0	98.5	100.0	100.0	100.0	100.0	100.0
Central Piedmont	1,238,702	99.1	-	-	99.2	98.2	98.5	93.6	100.0	96.2
Cleveland	197,869	100.0	-	100.0	100.0	100.0	93.1	100.0	100.0	100.0
Coastal Carolina	224,582	100.0	-	100.0	100.0	100.0	92.9	100.0	-	-
Coll. of Albemarle	234,190	99.9	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Craven	197,496	99.1	-	100.0	61.1	100.0	97.0	75.4	99.6	-
Davidson County	297,899	98.6	-	59.9	97.1	99.3	99.9	100.0	90.8	88.6
Durham	299,880	99.7	-	-	99.9	100.0	93.4	7.9	100.0	-
Edgecombe	160,916	93.8	-	100.0	98.0	100.0	100.0	100.0	76.2	100.0
Fayetteville	550,791	95.1	-	100.0	97.4	97.9	88.0	61.1	100.0	-
Forsyth	504,608	98.1	-	100.0	99.3	100.0	99.6	100.0	100.0	100.0
Gaston	437,890	93.8	100.0	-	100.0	98.6	87.0	80.2	100.0	100.0
Guilford	834,703	97.2	-	85.8	83.8	97.7	92.9	93.9	99.3	79.1
Halifax	186,839	100.0	-	98.8	100.0	100.0	99.1	98.4	100.0	-
Haywood	225,058	97.7	-	100.0	100.0	100.0	88.3	100.0	100.0	27.4
Isothermal	199,743	94.6	-	100.0	34.0	100.0	99.3	88.0	100.0	-
James Sprunt	113,866	92.7	-	100.0	100.0	95.3	99.2	66.7	100.0	-
Johnston	334,852	99.9	-	-	100.0	99.7	95.2	75.4	100.0	-
Lenoir	309,823	94.6	-	100.0	98.9	100.0	99.7	100.0	100.0	-
Martin	146,952	94.1	-	100.0	96.1	72.2	94.4	100.0	100.0	-

Table 25. Percentage Distribution of Accessible Area by Summary Programs

	Accessible Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Mayland	123,439	99.9	-	22.9	100.0	100.0	88.6	73.9	100.0	100.0
McDowell	114,980	97.7	-	100.0	100.0	98.8	98.0	100.0	100.0	-
Mitchell	242,768	95.8	-	100.0	99.0	74.2	81.0	93.6	100.0	83.0
Montgomery	91,027	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Nash	167,385	99.5	-	100.0	100.0	99.8	91.2	100.0	100.0	-
Pamlico	54,694	99.9	-	100.0	100.0	100.0	99.0	76.9	100.0	-
Piedmont	140,106	98.3	-	97.6	100.0	100.0	99.7	100.0	100.0	-
Pitt	280,295	100.0	-	-	97.5	100.0	96.7	62.4	100.0	100.0
Randolph	259,375	99.9	-	-	100.0	99.8	99.5	100.0	100.0	-
Richmond	165,375	94.2	-	99.8	100.0	53.0	100.0	50.7	100.0	-
Roanoke-Chowan	113,541	100.0	-	100.0	100.0	100.0	63.5	100.0	100.0	-
Robeson	202,550	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	215,383	89.8	-	97.5	99.1	99.1	99.9	100.0	98.2	100.0
Rowan-Cabarrus	380,546	100.0	-	100.0	100.0	100.0	99.9	100.0	100.0	100.0
Sampson	137,870	98.7	-	100.0	100.0	100.0	99.5	100.0	100.0	-
Sandhills	294,662	99.2	-	-	99.9	99.1	75.8	66.1	100.0	-
South Piedmont	230,759	100.0	-	100.0	100.0	100.0	97.7	98.4	100.0	45.5
Southeastern	178,245	98.8	-	100.0	100.0	99.6	100.0	100.0	100.0	90.4
Southwestern	179,258	97.2	-	-	100.0	100.0	98.6	17.5	100.0	-
Stanly	146,726	100.0	-	100.0	100.0	100.0	97.3	100.0	100.0	100.0
Surry	296,997	98.5	-	-	100.0	97.5	91.7	100.0	96.7	-
Tri-County	114,527	98.6	-	100.0	89.9	100.0	95.1	100.0	-	-
Vance-Granville	239,850	99.2	-	100.0	90.3	100.0	84.9	100.0	100.0	-
Wake	737,404	99.5	-	-	100.0	100.0	88.6	83.3	100.0	100.0
Wayne	240,093	98.7	-	-	100.0	99.5	98.6	100.0	100.0	-
Western Piedmont	238,621	99.9	-	-	100.0	99.1	95.5	33.5	100.0	16.0
Wilkes	290,123	99.0	-	92.3	100.0	94.9	99.7	100.0	98.7	100.0
Wilson	141,816	98.6	-	100.0	97.3	100.0	92.9	100.0	-	-
Subtotal	15,967,663	98.2	100.0	96.9	97.0	96.8	94.7	83.3	98.2	77.0
Private Institutions										
NC Private Universities										
Barton	328,901	100.0	-	-	100.0	86.4	100.0	100.0	-	100.0
Campbell	766,099	96.4	100.0	-	97.5	58.6	56.2	97.8	60.1	25.9
Mars Hill	313,495	70.0	-	86.1	92.9	47.9	54.9	99.6	-	31.7
Pfeiffer	196,788	85.1	-	100.0	56.0	45.1	25.6	9.0	-	28.4
Subtotal	1,605,283	89.0	100.0	88.5	90.1	58.1	58.1	84.1	58.6	31.3
Grand Total	56,596,040	95.7	85.6	87.8	96.5	81.2	87.8	81.5	95.5	65.9

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	87.6	-	-	100.0	100.0	-	-	-
NC State Veterinary Med	65.3	-	-	-	-	-	-	-
UNC-Chapel Hill	94.7	-	-	98.8	96.2	-	-	-
UNC-Chapel Hill Health Aff.	99.2	-	100.0	99.9	100.0	-	-	-
Subtotal	91.5	-	100.0	99.2	97.5	-	-	-
Doctoral Universities I and II								
East Carolina	95.5	-	100.0	-	-	-	-	-
East Carolina Health Aff.	100.0	-	100.0	-	-	-	-	-
NC A&T	98.3	-	-	-	-	-	-	-
UNC Charlotte	93.8	-	-	-	100.0	-	-	-
UNC Greensboro	95.5	-	-	-	100.0	-	-	-
Subtotal	96.0	-	24.5	-	100.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	89.0	-	-	-	-	-	-	-
Fayetteville	100.0	-	-	100.0	-	-	-	-
NC Central	90.5	-	100.0	-	-	-	-	-
UNC Pembroke	97.1	-	-	-	-	-	-	-
UNC Wilmington	100.0	-	-	100.0	100.0	-	-	-
Western Carolina	95.7	-	-	100.0	-	-	-	100.0
Winston-Salem	81.5	-	100.0	-	-	-	-	-
Subtotal	92.9	-	100.0	100.0	100.0	-	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	96.4	-	100.0	100.0	-	-	-	-
UNC Asheville	100.0	-	-	100.0	-	-	-	-
Subtotal	98.0	-	100.0	100.0	-	-	-	-
Schools of Art, Music, and Design								
UNC School of the Arts	91.1	-	-	-	-	-	-	-
Subtotal	91.1	-	-	-	-	-	-	-
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	98.7	96.2	99.1	100.0	95.8	91.4	95.0	100.0
Beaufort Co.	-	100.0	100.0	100.0	99.3	-	-	-
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	98.1	-	100.0	100.0	-	-	-
Caldwell	100.0	99.7	100.0	100.0	100.0	-	-	-
Cape Fear	98.0	99.4	100.0	100.0	77.4	-	-	-
Carteret	100.0	96.0	100.0	93.4	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	98.2	99.5	98.2	99.4	99.5	-	-	-
Cleveland	100.0	100.0	100.0	100.0	100.0	-	100.0	-
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-
Coll. of Albemarle	100.0	99.9	100.0	100.0	100.0	-	-	-
Craven	99.9	98.6	100.0	100.0	100.0	-	-	-
Davidson County	99.2	99.1	100.0	100.0	74.9	-	100.0	-
Durham	80.4	99.9	-	100.0	100.0	-	-	-
Edgecombe	100.0	92.4	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	96.4	-	100.0	83.2	-	100.0	100.0
Forsyth	100.0	97.5	100.0	100.0	100.0	-	100.0	100.0
Gaston	100.0	98.9	100.0	100.0	4.2	100.0	-	-
Guilford	100.0	96.9	100.0	98.5	95.1	-	-	100.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	-
Haywood	-	97.4	100.0	100.0	100.0	-	-	100.0
Isothermal	94.8	95.8	100.0	91.4	100.0	-	-	45.6
James Sprunt	100.0	91.1	100.0	85.2	100.0	-	-	-
Johnston	-	99.8	100.0	100.0	100.0	-	-	-
Lenoir	99.7	93.9	100.0	89.9	69.5	-	-	100.0

Table 25a. Accessible Area by 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
Martin	100.0	90.3	100.0	100.0	98.0	-	-	100.0
Mayland	100.0	99.9	100.0	100.0	100.0	-	-	-
McDowell	100.0	96.9	100.0	100.0	100.0	-	-	-
Mitchell	91.8	99.4	100.0	99.7	100.0	-	-	60.1
Montgomery	100.0	100.0	100.0	100.0	98.9	-	-	-
Nash	100.0	99.2	-	100.0	99.2	100.0	-	-
Pamlico	100.0	99.9	-	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	-	99.8	100.0	100.0	100.0	-	-	-
Richmond	100.0	93.3	100.0	96.7	100.0	-	-	-
Roanoke-Chowan	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Robeson	100.0	100.0	-	100.0	100.0	-	-	-
Rockingham	87.4	94.2	-	100.0	75.6	-	-	-
Rowan-Cabarrus	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	99.8	98.4	100.0	100.0	100.0	-	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-
Southeastern	97.9	100.0	92.6	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	83.2	-	-	-
Stanly	-	100.0	100.0	100.0	100.0	-	-	-
Surry	96.3	99.0	100.0	100.0	100.0	-	-	-
Tri-County	100.0	99.8	100.0	100.0	76.1	-	100.0	100.0
Vance-Granville	95.7	99.9	100.0	100.0	100.0	-	-	100.0
Wake	100.0	99.4	-	98.2	100.0	-	-	100.0
Wayne	100.0	100.0	-	100.0	51.0	-	-	-
Western Piedmont	99.9	99.7	-	100.0	100.0	-	-	-
Wilkes	100.0	98.1	-	100.0	100.0	-	-	-
Wilson	100.0	97.9	100.0	100.0	100.0	-	-	-
Subtotal	98.5	98.5	99.5	98.8	94.2	96.2	97.5	96.5
Private Institutions								
NC Private Universities								
Barton	100.0	-	-	-	-	-	-	-
Campbell	96.4	-	-	-	-	-	-	-
Mars Hill	70.0	-	-	-	-	-	-	-
Pfeiffer	85.1	-	-	-	-	-	-	-
Subtotal	89.0	-	-	-	-	-	-	-
Grand Total	94.1	98.5	99.0	98.9	94.4	96.2	97.5	97.0

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
Public Institutions							
Research Universities I							
NC State	50.3	78.7	-	-	73.8	75.0	79.1
NC State Veterinary Med	-	72.4	97.2	97.4	-	-	-
UNC-Chapel Hill	88.9	97.9	100.0	100.0	92.8	100.0	74.8
UNC-Chapel Hill Health Aff.	99.1	99.1	99.1	99.0	99.9	100.0	-
Subtotal	56.6	86.9	98.3	98.6	77.9	76.6	75.2
Doctoral Universities I and II							
East Carolina	86.7	85.7	-	-	100.0	-	100.0
East Carolina Health Aff.	-	100.0	100.0	100.0	100.0	-	-
NC A&T	100.0	98.7	-	-	100.0	100.0	100.0
UNC Charlotte	97.6	97.3	-	-	100.0	-	-
UNC Greensboro	-	93.1	92.6	-	-	-	-
Subtotal	97.7	96.4	99.4	99.9	96.2	100.0	100.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	100.0	62.6	100.0	-	20.5	-	-
Fayetteville	-	100.0	-	-	100.0	-	100.0
NC Central	98.9	78.9	-	-	100.0	-	100.0
UNC Pembroke	-	100.0	-	-	100.0	-	-
UNC Wilmington	100.0	100.0	-	-	100.0	-	-
Western Carolina	90.4	100.0	-	-	100.0	-	100.0
Winston-Salem	-	76.5	-	-	86.4	-	100.0
Subtotal	98.2	91.4	100.0	-	50.7	-	100.0
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	-	-	-	-	100.0	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	-	-	-	100.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	100.0	100.0	-	-
Central Piedmont	-	-	-	-	-	-	-
Cleveland	-	-	-	-	100.0	-	-
Coastal Carolina	-	-	-	-	100.0	-	-
Coll. of Albemarle	-	-	-	-	100.0	-	-
Craven	-	-	-	-	100.0	-	100.0
Davidson County	-	-	-	-	59.9	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	100.0	-	-
Fayetteville	-	-	-	-	100.0	-	-
Forsyth	-	-	-	-	100.0	-	-
Gaston	-	100.0	-	-	-	-	-
Guilford	-	-	-	-	85.8	-	-
Halifax	-	-	-	-	98.8	-	-
Haywood	-	-	-	-	100.0	-	-
Isothermal	-	-	-	-	100.0	-	100.0
James Sprunt	-	-	-	-	100.0	-	-
Johnston	-	-	-	-	-	-	-
Lenoir	-	-	-	-	100.0	-	-

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
Martin	-	-	-	-	100.0	-	-
Mayland	-	-	-	-	22.9	-	-
McDowell	-	-	-	-	100.0	-	-
Mitchell	-	-	-	-	100.0	-	-
Montgomery	-	-	-	-	100.0	-	-
Nash	-	-	-	-	100.0	-	-
Pamlico	-	-	-	-	100.0	-	-
Piedmont	-	-	-	-	97.6	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	-	-	-
Richmond	-	-	-	-	99.8	-	-
Roanoke-Chowan	-	-	-	-	100.0	-	-
Robeson	-	-	-	-	100.0	100.0	-
Rockingham	-	-	-	-	97.5	-	-
Rowan-Cabarrus	-	-	-	-	100.0	100.0	-
Sampson	-	-	-	-	100.0	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	100.0	-	-
Southeastern	-	-	-	-	100.0	-	100.0
Southwestern	-	-	-	-	-	-	-
Stanly	-	-	-	-	100.0	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	100.0	-	-
Vance-Granville	-	-	-	-	100.0	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	100.0	-	-	-
Wilson	-	-	-	-	100.0	-	-
Subtotal	-	100.0	-	100.0	96.8	100.0	100.0
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	100.0	-	-	-	-	-
Mars Hill	-	-	-	-	86.1	-	-
Pfeiffer	-	-	-	-	100.0	-	-
Subtotal	-	100.0	-	-	88.5	-	-
Grand Total	69.7	88.5	87.9	92.1	83.9	79.4	90.0

Table 25b. Accessible Area by Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Public Institutions								
Research Universities I								
NC State	98.2	-	58.7	78.2	60.9	91.2	-	96.3
NC State Veterinary Med	98.0	-	84.9	-	-	100.0	-	-
UNC-Chapel Hill	99.9	100.0	87.2	99.7	98.0	93.9	100.0	98.5
UNC-Chapel Hill Health Aff.	99.9	100.0	98.6	100.0	90.7	99.8	99.8	100.0
Subtotal	99.4	100.0	71.7	89.7	88.4	94.1	99.9	98.2
Doctoral Universities I and II								
East Carolina	100.0	100.0	100.0	100.0	-	88.2	-	-
East Carolina Health Aff.	100.0	-	100.0	-	100.0	100.0	-	-
NC A&T	100.0	100.0	100.0	100.0	95.3	98.6	-	-
UNC Charlotte	97.4	96.8	87.7	85.7	-	95.3	100.0	100.0
UNC Greensboro	86.0	99.8	100.0	36.5	98.1	93.3	-	100.0
Subtotal	96.5	99.8	95.5	75.3	95.8	95.0	100.0	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	99.6	100.0	98.0	90.7	63.8	86.8	-	-
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	93.2	-	100.0
Winston-Salem	100.0	92.9	100.0	100.0	31.2	90.9	-	-
Subtotal	99.9	91.7	96.7	94.2	84.0	95.5	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	100.0	100.0	-	100.0	90.3	79.7	-	-
UNC Asheville	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Subtotal	100.0	100.0	100.0	100.0	90.3	84.8	-	100.0
Schools of Art, Music, and Design								
UNC School of the Arts	100.0	100.0	100.0	42.2	100.0	64.8	-	-
Subtotal	100.0	100.0	100.0	42.2	100.0	64.8	-	-
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	-	-	-	-	95.4	-	-
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	-	-
Carteret	100.0	-	-	-	-	76.4	-	-
Catawba Valley	100.0	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	95.0	100.0	-	99.7	100.0	100.0
Cleveland	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Carolina	100.0	-	100.0	100.0	-	100.0	-	-
Coll. of Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven	49.1	-	-	100.0	-	98.3	-	100.0
Davidson County	97.5	-	61.8	-	100.0	95.8	-	-
Durham	100.0	-	96.7	100.0	-	100.0	100.0	100.0
Edgecombe	97.3	-	100.0	-	-	100.0	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	93.4	94.9	-	-
Forsyth	98.4	-	100.0	100.0	-	99.8	100.0	100.0
Gaston	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Guilford	99.7	-	100.0	-	51.5	96.1	-	-
Halifax	100.0	-	-	-	100.0	100.0	-	-
Haywood	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	-	-
Lenoir	98.4	100.0	100.0	100.0	-	100.0	-	-

Table 25b. Accessible Area by Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Martin	100.0	-	-	-	-	84.1	-	-
Mayland	100.0	-	100.0	-	100.0	100.0	-	-
McDowell	100.0	100.0	-	-	-	100.0	-	-
Mitchell	99.7	100.0	100.0	-	-	97.6	-	-
Montgomery	100.0	-	-	-	-	100.0	-	-
Nash	100.0	100.0	-	-	-	100.0	-	100.0
Pamlico	100.0	-	100.0	-	-	100.0	-	-
Piedmont	100.0	-	100.0	100.0	100.0	100.0	-	-
Pitt	100.0	-	100.0	100.0	100.0	90.5	-	-
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	100.0	-	100.0	88.5	-	-
Rowan-Cabarrus	100.0	-	100.0	100.0	-	100.0	-	100.0
Sampson	100.0	-	-	100.0	-	100.0	-	-
Sandhills	99.8	100.0	100.0	-	100.0	100.0	-	-
South Piedmont	100.0	-	100.0	-	-	100.0	-	-
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Southwestern	100.0	-	100.0	100.0	100.0	100.0	-	-
Stanly	100.0	-	100.0	100.0	-	100.0	-	-
Surry	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County	81.4	-	-	100.0	100.0	100.0	-	-
Vance-Granville	82.5	-	-	-	100.0	100.0	-	-
Wake	100.0	-	100.0	-	100.0	100.0	-	-
Wayne	100.0	-	100.0	100.0	100.0	100.0	-	-
Western Piedmont	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	98.7	99.7	88.3	98.4	100.0	100.0
Private Institutions								
NC Private Universities								
Barton	100.0	100.0	100.0	-	-	100.0	-	-
Campbell	100.0	100.0	91.9	100.0	100.0	84.6	-	-
Mars Hill	100.0	74.4	100.0	-	-	44.7	-	-
Pfeiffer	49.1	-	100.0	-	-	100.0	-	100.0
Subtotal	90.3	89.9	96.7	100.0	100.0	82.5	-	100.0
Grand Total	98.1	96.9	94.8	89.6	90.5	94.9	100.0	99.2

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

	Student Svcs Admin	Social & Cultural Dev.	Couns / Career Guid.	Finan. Aid Admin.	Student Aux. Svcs	Inter-coll Athl.	Student Hlth/Med Svc.	Phys. Plant Admin.	Bldg. Maint.	Cust'l Svcs.	Utilities	Landscp Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Public Institutions												
Research Universities I												
NC State	89.5	78.2	90.0	99.5	48.0	82.0	97.1	42.6	71.2	91.4	31.1	54.5
NC State Veterinary Med	-	100.0	-	-	97.7	-	-	-	100.0	100.0	100.0	-
UNC-Chapel Hill	94.0	89.1	100.0	10.2	86.5	83.9	99.9	97.1	89.8	90.6	90.4	80.3
UNC-Chapel Hill Health Aff.	99.8	100.0	99.1	-	99.9	-	-	-	100.0	99.7	18.9	-
Subtotal	93.2	82.5	97.4	56.6	70.9	83.2	98.4	77.2	84.9	91.8	76.6	63.9
Doctoral Universities I and II												
East Carolina	53.0	88.6	100.0	100.0	100.0	92.9	99.5	98.9	55.5	100.0	-	45.5
East Carolina Health Aff.	-	-	-	-	-	-	-	-	-	100.0	100.0	-
NC A&T	100.0	96.7	100.0	100.0	74.7	89.6	100.0	100.0	87.7	100.0	-	100.0
UNC Charlotte	100.0	78.8	94.5	100.0	96.1	61.3	100.0	99.6	46.0	100.0	100.0	-
UNC Greensboro	100.0	82.5	96.9	100.0	85.3	77.2	99.6	100.0	99.4	89.5	70.9	57.0
Subtotal	92.1	84.9	97.7	100.0	91.1	82.2	99.7	99.5	68.2	98.6	76.9	50.6
Master's (Comprehensive) Universities and Colleges I												
Appalachian	-	99.3	100.0	97.0	68.8	100.0	100.0	97.3	81.8	-	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	67.1	98.2	100.0	100.0	100.0	100.0	100.0	100.0
NC Central	100.0	93.9	100.0	100.0	91.9	80.7	82.4	53.6	82.5	100.0	100.0	100.0
UNC Pembroke	100.0	81.1	100.0	100.0	80.2	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	45.8	94.4	100.0	100.0	88.8	100.0	100.0	100.0
Winston-Salem	75.1	100.0	100.0	100.0	85.5	99.0	65.4	66.2	98.8	96.3	100.0	100.0
Subtotal	99.2	97.8	100.0	98.9	76.5	96.8	89.3	96.8	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	70.6	95.0	-	100.0	100.0	-	100.0	-
UNC Asheville	100.0	93.7	100.0	-	96.9	79.4	100.0	-	100.0	100.0	100.0	-
Subtotal	100.0	95.6	100.0	100.0	81.1	82.3	29.6	100.0	100.0	100.0	100.0	-
Schools of Art, Music, and Design												
UNC School of the Arts	100.0	92.3	100.0	100.0	58.8	-	44.6	37.3	-	-	-	-
Subtotal	100.0	92.3	100.0	100.0	58.8	-	44.6	37.3	-	-	-	-
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	100.0	-	-	-
Asheville-Buncombe	100.0	96.2	84.8	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	100.0
Blue Ridge	100.0	100.0	100.0	-	100.0	-	-	-	100.0	100.0	-	100.0
Brunswick	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	100.0
Caldwell	100.0	92.6	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Cape Fear	100.0	100.0	100.0	100.0	94.4	-	-	100.0	100.0	95.7	-	-
Carteret	100.0	84.9	100.0	100.0	87.3	-	-	100.0	-	100.0	-	100.0
Catawba Valley	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	-
Central Piedmont	92.8	99.9	100.0	98.3	99.2	-	-	100.0	97.3	96.6	-	70.0
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	-	-
Coll. of Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven	100.0	100.0	100.0	-	100.0	-	-	-	75.4	-	-	-
Davidson County	93.4	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	95.0	100.0	100.0	100.0	-	100.0	100.0	33.2	77.8	-	69.1
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0
Gaston	100.0	97.5	100.0	100.0	99.2	-	100.0	-	72.1	100.0	100.0	76.4
Guilford	100.0	93.3	100.0	100.0	99.9	100.0	100.0	100.0	93.6	98.7	51.8	100.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	-	-	-
Haywood	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Isothermal	100.0	100.0	100.0	100.0	100.0	-	-	100.0	82.2	100.0	100.0	-
James Sprunt	100.0	85.0	100.0	100.0	96.6	-	-	-	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

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

	Student Svcs Admin	Social & Cultural Dev.	Couns / Career Guid.	Finan. Aid Admin.	Student Aux. Svcs	Inter-coll Athl.	Student Hlth/Med Svc.	Phys. Plant Admin.	Bldg. Maint.	Cust'l Svcs.	Utilities	Landscp Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
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	-	-	-	73.5	100.0	-	-
McDowell	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell	100.0	68.4	89.1	100.0	71.1	-	-	-	100.0	100.0	-	-
Montgomery	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Nash	97.6	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico	100.0	-	100.0	100.0	100.0	-	-	-	76.9	-	-	-
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	-	35.2	100.0	-	-	-
Randolph	100.0	100.0	100.0	100.0	99.7	-	-	100.0	100.0	100.0	-	-
Richmond	100.0	28.1	100.0	100.0	57.1	-	100.0	-	50.7	-	-	-
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	98.9	100.0	100.0	99.3	-	-	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	-	-
Sampson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Sandhills	100.0	98.5	95.8	100.0	99.6	-	-	100.0	73.9	100.0	100.0	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	-	-	-
Southeastern	-	100.0	98.8	100.0	100.0	100.0	-	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	100.0	-	-	-	15.8	100.0	-	-
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry	100.0	79.2	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	-	-	-	100.0	-	-	-
Wake	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.6	-	-	-
Wayne	100.0	99.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
Western Piedmont	93.9	100.0	100.0	100.0	98.8	100.0	-	100.0	31.9	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	98.6	93.8	99.3	99.6	98.6	100.0	100.0	90.3	81.6	95.3	82.6	81.9
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	21.6	89.6	81.3	100.0	50.1	81.0	100.0	100.0	97.4	100.0	-	100.0
Mars Hill	100.0	64.8	100.0	100.0	40.0	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	61.6	77.4	87.2	100.0	50.2	82.2	78.1	93.9	82.2	82.4	-	100.0
Grand Total	95.8	90.4	98.7	93.0	77.8	85.6	92.2	92.8	80.8	94.2	81.9	68.4

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 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
Public Institutions												
Research Universities I												
NC State	96.7	90.7	88.4	76.1	34.3	72.7	100.0	99.5	83.6	79.9	85.2	66.4
NC State Veterinary Med	-	-	81.4	15.1	58.9	100.0	-	-	-	100.0	100.0	99.7
UNC-Chapel Hill	86.4	95.8	94.8	99.2	61.0	95.5	62.1	17.6	92.8	97.7	82.5	88.0
UNC-Chapel Hill Health Aff.	100.0	100.0	100.0	99.9	88.8	100.0	100.0	100.0	-	99.9	93.4	98.7
Subtotal	92.2	95.4	92.1	88.1	40.8	84.3	81.0	96.7	69.7	87.7	87.5	87.7
Doctoral Universities I and II												
East Carolina	90.0	71.2	93.1	99.0	94.9	98.1	61.9	74.4	-	100.0	78.4	22.5
East Carolina Health Aff.	-	100.0	100.0	100.0	-	100.0	-	100.0	-	-	100.0	100.0
NC A&T	100.0	100.0	100.0	100.0	86.2	75.4	100.0	100.0	-	100.0	100.0	-
UNC Charlotte	89.0	63.3	85.1	75.8	90.0	100.0	98.7	95.1	-	-	40.5	96.2
UNC Greensboro	99.7	100.0	97.3	99.4	75.3	100.0	97.8	100.0	-	99.8	17.5	23.9
Subtotal	93.4	79.5	96.5	97.3	85.8	96.1	92.1	92.2	-	99.9	78.4	30.8
Master's (Comprehensive) Universities and Colleges I												
Appalachian	100.0	90.8	72.4	100.0	91.9	74.2	85.4	17.0	100.0	100.0	-	100.0
Fayetteville	98.0	100.0	100.0	100.0	98.2	69.4	100.0	100.0	-	100.0	100.0	-
NC Central	96.1	99.5	63.2	97.2	91.3	69.6	29.5	100.0	100.0	100.0	73.8	91.1
UNC Pembroke	100.0	100.0	100.0	-	100.0	95.0	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
Western Carolina	78.1	100.0	100.0	98.8	7.2	80.4	100.0	100.0	100.0	100.0	100.0	64.8
Winston-Salem	90.0	61.6	43.6	97.4	48.9	60.3	100.0	100.0	100.0	100.0	2.9	67.7
Subtotal	94.4	91.7	84.1	97.9	48.7	84.1	87.1	80.2	100.0	100.0	49.4	89.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	95.0	100.0	21.0	100.0	100.0	100.0	-	-	100.0	70.0
UNC Asheville	72.1	100.0	57.2	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Subtotal	84.7	100.0	84.9	100.0	46.2	100.0	100.0	100.0	-	100.0	100.0	82.2
Schools of Art, Music, and Design												
UNC School of the Arts	72.7	100.0	15.5	100.0	75.1	35.8	100.0	100.0	100.0	-	25.0	100.0
Subtotal	72.7	100.0	15.5	100.0	75.1	35.8	100.0	100.0	100.0	-	25.0	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	79.3	100.0	100.0	100.0	-	100.0	-	-
Asheville-Buncombe	48.8	100.0	78.4	100.0	72.0	-	100.0	100.0	-	98.3	96.1	99.3
Beaufort Co.	100.0	100.0	98.2	100.0	100.0	100.0	87.3	90.2	-	100.0	-	-
Bladen	98.2	100.0	100.0	-	100.0	100.0	-	100.0	-	100.0	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Brunswick	100.0	90.4	100.0	87.6	100.0	100.0	100.0	100.0	88.8	100.0	100.0	100.0
Caldwell	100.0	100.0	85.1	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Cape Fear	100.0	100.0	99.0	100.0	96.6	100.0	100.0	100.0	-	100.0	100.0	100.0
Carteret	92.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
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	-	100.0	-
Central Piedmont	99.4	98.2	98.6	97.2	100.0	99.1	99.8	99.0	100.0	100.0	-	96.2
Cleveland	99.0	100.0	80.4	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Coastal Carolina	100.0	100.0	84.8	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	-	100.0	100.0	-
Craven	100.0	100.0	86.8	100.0	-	100.0	100.0	100.0	-	99.6	-	-
Davidson County	100.0	100.0	100.0	-	99.1	100.0	100.0	100.0	-	90.8	88.6	-
Durham	100.0	100.0	69.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Edgecombe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.2	100.0	-
Fayetteville	100.0	99.6	68.5	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	92.2	-	100.0	100.0	100.0
Gaston	42.6	100.0	82.3	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Guilford	100.0	94.5	94.1	75.9	86.3	100.0	94.2	100.0	-	99.3	13.4	86.0
Halifax	98.3	100.0	99.2	100.0	91.5	100.0	100.0	100.0	-	100.0	-	-
Haywood	100.0	100.0	52.0	100.0	100.0	100.0	100.0	100.0	-	100.0	27.4	-
Isothermal	99.1	100.0	100.0	93.6	100.0	100.0	100.0	100.0	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	81.6	100.0	-	100.0	-	100.0	-	-

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

											Ind. Operations		Unassigned	
	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02		
					Aux. Svcs 65									
Johnston	100.0	100.0	100.0	100.0	56.6	100.0	100.0	100.0	-	100.0	-	-		
Lenoir	100.0	100.0	98.8	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-		
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	97.7	100.0	97.4	100.0	-	100.0	-	100.0	-	-		
Mitchell	85.4	100.0	56.8	100.0	50.5	-	100.0	-	-	100.0	79.6	83.2		
Montgomery	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	100.0	-		
Nash	100.0	100.0	88.4	100.0	81.6	100.0	73.1	100.0	100.0	-	-	-		
Pamlico	100.0	95.3	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	96.9	92.9	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	-	-		
Richmond	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-		
Roanoke-Chowan	98.0	100.0	31.7	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	-	98.2	100.0	-		
Rowan-Cabarrus	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0		
Sampson	98.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-		
Sandhills	100.0	100.0	100.0	100.0	35.8	100.0	88.9	93.6	-	100.0	-	-		
South Piedmont	100.0	100.0	93.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	45.5		
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	64.8	91.3		
Southwestern	100.0	95.4	98.1	100.0	-	100.0	100.0	100.0	-	100.0	-	-		
Stanly	100.0	100.0	99.3	76.3	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0		
Surry	100.0	96.6	100.0	70.5	84.5	100.0	100.0	100.0	-	96.7	-	-		
Tri-County	100.0	100.0	93.4	100.0	-	-	100.0	100.0	-	-	-	-		
Vance-Granville	100.0	100.0	72.5	100.0	100.0	-	97.8	100.0	-	100.0	-	-		
Wake	100.0	100.0	69.5	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0		
Wayne	98.4	100.0	96.3	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-		
Western Piedmont	100.0	100.0	80.9	100.0	100.0	100.0	100.0	100.0	-	100.0	19.2	-		
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	82.7	100.0	100.0	100.0	100.0	100.0	-	-	-	-		
Subtotal	97.1	99.1	91.2	97.3	89.3	97.7	99.2	99.5	93.9	99.2	51.0	83.7		
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	76.4	98.6	30.6	2.4	83.9	94.8	-	88.9	100.0	-		
Mars Hill	100.0	100.0	85.2	100.0	11.1	19.9	100.0	100.0	-	-	7.4	61.1		
Pfeiffer	61.8	39.3	79.7	44.2	-	30.1	88.2	-	-	-	25.3	100.0		
Subtotal	90.1	77.1	84.1	90.1	30.8	46.4	88.9	82.2	-	88.9	21.2	60.9		
Grand Total	94.8	94.1	91.1	94.1	57.1	85.3	93.0	93.0	90.0	97.1	68.1	65.2		

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	6,025,333	255,756	98.2	1,410,810	88.3	1,569,308	92.9	265,472	97.3
NC State Veterinary Med	343,240	7,581	98.0	76,298	74.3	68,689	95.1	13,148	98.0
UNC-Chapel Hill	6,302,085	293,239	97.7	520,094	95.7	1,392,594	93.1	604,108	98.7
UNC-Chapel Hill Health Aff.	2,446,905	62,109	99.9	704,121	99.6	1,043,339	99.1	74,912	100.0
Subtotal	15,117,563	618,685	98.1	2,711,323	91.9	4,073,930	94.5	957,640	98.4
Doctoral Universities I and II									
East Carolina	2,902,506	183,401	98.5	323,311	96.6	592,830	91.8	208,686	100.0
East Carolina Health Aff.	768,200	37,884	100.0	156,437	100.0	291,373	100.0	64,369	100.0
NC A&T	2,064,296	161,461	96.6	345,981	99.3	409,705	96.9	126,562	100.0
UNC Charlotte	2,902,291	187,668	89.8	461,006	97.1	640,316	91.2	206,161	98.9
UNC Greensboro	2,374,648	147,292	97.9	295,605	95.7	519,657	91.3	122,367	89.1
Subtotal	11,011,941	717,706	95.6	1,582,340	97.5	2,453,881	93.3	728,145	97.7
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,236,295	149,917	91.5	213,457	85.7	444,182	88.5	87,004	95.5
Fayetteville	708,123	61,806	99.9	81,011	100.0	172,284	98.1	66,471	98.1
NC Central	1,308,305	96,617	85.6	137,718	87.3	257,490	90.7	113,272	97.3
UNC Pembroke	871,054	72,070	99.0	47,259	100.0	162,401	95.2	42,044	99.8
UNC Wilmington	2,146,418	141,120	100.0	208,122	100.0	391,952	100.0	119,594	100.0
Western Carolina	1,430,354	90,642	99.8	163,366	98.2	297,868	97.5	126,178	99.9
Winston-Salem	907,486	56,253	77.9	61,287	72.3	171,745	84.5	48,464	100.0
Subtotal	9,608,035	668,425	93.4	912,220	91.7	1,897,922	93.4	603,027	98.6
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	718,588	50,080	92.5	79,942	99.9	108,484	95.7	39,922	92.8
UNC Asheville	818,011	46,853	100.0	87,671	100.0	145,724	94.8	74,769	100.0
Subtotal	1,536,599	96,933	96.0	167,613	100.0	254,208	95.2	114,691	97.4
Schools of Art, Music, and Design									
UNC School of the Arts	567,719	18,854	64.6	172,618	93.5	70,954	78.6	20,291	95.5
Subtotal	567,719	18,854	64.6	172,618	93.5	70,954	78.6	20,291	95.5
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	236,555	72,075	100.0	74,604	99.8	47,681	99.6	10,937	100.0
Asheville-Buncombe	506,441	86,616	98.1	179,486	96.5	109,126	92.7	16,788	100.0
Beaufort Co.	170,527	38,176	100.0	53,631	99.8	32,764	98.9	8,572	100.0
Bladen	110,457	27,164	100.0	29,136	94.1	20,594	98.9	11,612	100.0
Blue Ridge	289,926	67,400	100.0	94,683	100.0	44,612	100.0	12,863	100.0
Brunswick	237,136	52,843	98.7	29,283	97.5	35,867	97.5	7,865	100.0
Caldwell	336,673	88,300	100.0	81,936	99.6	63,127	100.0	18,315	100.0
Cape Fear	478,565	107,405	99.2	175,923	97.4	87,751	99.1	28,142	100.0
Carteret	155,236	40,069	96.0	60,634	99.4	31,505	95.6	6,761	100.0
Catawba Valley	359,657	68,375	100.0	123,662	99.4	57,341	100.0	19,405	100.0
Central Carolina	371,416	117,347	100.0	119,585	100.0	66,260	97.9	20,083	99.4
Central Piedmont	1,238,702	336,053	99.6	327,068	98.4	257,231	98.5	64,664	99.9
Cleveland	197,869	46,128	100.0	61,721	100.0	32,603	99.9	17,109	100.0
Coastal Carolina	224,582	58,361	100.0	84,540	100.0	43,036	97.8	15,190	100.0
Coll. of Albemarle	234,190	56,538	100.0	65,912	99.8	47,818	100.0	16,794	100.0
Craven	197,496	51,129	100.0	70,089	98.4	42,210	99.5	9,594	53.6
Davidson County	297,899	71,589	98.4	72,775	93.5	60,954	97.9	24,846	100.0
Durham	299,880	88,010	100.0	96,032	99.5	69,527	95.4	15,221	100.0
Edgecombe	160,916	34,730	98.3	39,458	88.1	29,557	99.5	12,038	97.7
Fayetteville	550,791	142,263	92.4	179,568	96.0	120,324	97.4	25,929	100.0
Forsyth	504,608	108,902	100.0	179,339	96.5	109,780	99.7	18,205	98.5
Gaston	437,890	108,746	100.0	124,445	86.0	102,602	98.0	32,083	100.0
Guilford	834,703	188,345	96.7	263,399	97.6	158,217	97.2	31,337	99.8
Halifax	186,839	37,203	100.0	47,966	100.0	34,307	99.8	11,164	100.0
Haywood	225,058	30,903	91.9	92,483	90.6	38,286	98.5	13,901	100.0
Isothermal	199,743	35,895	92.5	61,772	93.3	29,756	98.4	2,559	22.7
James Sprunt	113,866	27,668	93.5	21,630	91.4	36,019	95.3	10,267	100.0
Johnston	334,852	88,899	99.8	81,174	98.2	65,119	99.8	26,403	100.0
Lenoir	309,823	72,623	95.3	71,071	90.9	53,551	98.3	18,621	100.0
Martin	146,952	23,132	100.0	34,613	93.0	17,073	93.3	15,283	100.0

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	%
Mayland	123,439	31,125	100.0	24,757	93.5	22,836	100.0	9,810	100.0
McDowell	114,980	23,621	95.0	35,841	98.6	22,035	98.7	6,058	100.0
Mitchell	242,768	70,342	98.7	50,643	97.7	44,717	91.0	15,367	100.0
Montgomery	91,027	19,384	100.0	29,768	100.0	17,118	99.9	10,412	100.0
Nash	167,385	47,474	100.0	43,410	99.9	25,305	97.0	13,993	100.0
Pamlico	54,694	14,141	100.0	12,280	100.0	12,112	99.4	4,549	100.0
Piedmont	140,106	37,037	99.6	35,466	99.9	31,647	99.5	7,732	86.9
Pitt	280,295	60,126	100.0	85,728	100.0	66,532	96.8	22,470	100.0
Randolph	259,375	57,107	99.7	89,845	100.0	39,445	99.3	7,889	100.0
Richmond	165,375	36,633	90.9	45,581	95.9	27,816	98.4	10,433	100.0
Roanoke-Chowan	113,541	18,145	100.0	38,114	100.0	17,151	99.5	11,019	100.0
Robeson	202,550	35,389	100.0	60,688	100.0	42,244	100.0	15,270	100.0
Rockingham	215,383	39,180	96.3	62,839	93.6	35,791	98.5	13,487	100.0
Rowan-Cabarrus	380,546	84,139	100.0	103,504	100.0	87,328	100.0	24,683	100.0
Sampson	137,870	32,694	100.0	37,859	100.0	28,537	99.8	14,296	100.0
Sandhills	294,662	72,834	100.0	67,052	100.0	51,962	99.3	17,350	100.0
South Piedmont	230,759	37,090	100.0	45,805	100.0	45,083	100.0	11,916	100.0
Southeastern	178,245	45,936	98.3	46,083	98.8	32,610	99.1	13,907	100.0
Southwestern	179,258	39,138	100.0	44,551	93.0	37,304	99.5	11,306	100.0
Stanly	146,726	37,410	100.0	39,582	100.0	32,970	98.6	8,435	100.0
Surry	296,997	78,529	98.0	91,394	100.0	48,804	95.3	22,456	100.0
Tri-County	114,527	29,709	100.0	38,561	97.3	15,294	99.3	4,621	81.5
Vance-Granville	239,850	55,754	97.9	81,778	100.0	46,074	99.5	13,486	85.7
Wake	737,404	168,647	99.9	207,861	99.3	158,909	99.8	52,215	98.7
Wayne	240,093	42,067	100.0	77,208	97.5	51,870	99.7	19,416	100.0
Western Piedmont	238,621	60,084	100.0	65,984	99.9	44,475	99.5	16,173	100.0
Wilkes	290,123	57,727	99.0	72,159	98.6	45,916	99.9	17,157	100.0
Wilson	141,816	39,299	96.6	41,757	100.0	29,439	97.8	10,591	99.5
Subtotal	15,967,663	3,743,648	98.7	4,673,716	97.5	3,105,922	98.3	949,048	97.6
Private Institutions									
NC Private Universities									
Barton	328,901	28,852	100.0	24,220	100.0	56,917	99.8	21,578	100.0
Campbell	766,099	89,051	98.2	51,972	99.5	123,017	85.3	73,879	99.4
Mars Hill	313,495	29,208	78.7	29,002	63.4	44,804	69.6	27,357	94.5
Pfeiffer	196,788	30,784	91.3	24,364	83.6	35,625	78.3	10,982	49.0
Subtotal	1,605,283	177,895	93.4	129,558	85.6	260,363	83.7	133,796	90.9
Grand Total	56,608,985	6,052,072	97.3	10,360,217	95.2	12,451,697	94.5	3,509,535	97.7

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	896,186	57.4	584,265	88.1	257,402	58.6	24,734	95.2	617,181	40.6	144,219	80.8
NC State Veterinary Med	28,617	41.1	9,679	97.9	10,721	63.1	110,818	97.6	179	100.0	17,510	99.7
UNC-Chapel Hill	623,656	86.8	718,097	96.0	399,046	92.5	22,017	99.9	1,589,534	84.0	139,700	86.3
UNC-Chapel Hill Health Aff.	160,804	93.2	83,300	99.3	15,707	64.3	157,052	99.6	-	-	145,561	95.5
Subtotal	1,709,263	67.8	1,395,341	92.7	682,876	74.8	314,621	98.6	2,206,894	64.6	446,990	87.6
Doctoral Universities I and II												
East Carolina	282,307	88.3	314,780	99.5	96,193	65.3	4,870	100.0	827,722	100.0	68,406	22.4
East Carolina Health Aff.	44,768	100.0	7,478	100.0	44,715	100.0	113,232	100.0	-	-	7,944	100.0
NC A&T	297,869	92.8	202,625	95.2	192,998	97.1	6,519	100.0	318,120	73.9	2,456	100.0
UNC Charlotte	136,490	64.5	325,309	89.3	58,433	84.6	8,247	100.0	820,588	99.7	58,073	96.2
UNC Greensboro	100,218	87.1	337,350	91.5	238,173	93.4	9,609	96.1	543,114	82.1	61,263	23.8
Subtotal	861,652	85.1	1,187,542	93.6	630,512	88.2	142,477	99.7	2,509,544	91.4	198,142	31.3
Master's (Comprehensive) Universities and Colleges I												
Appalachian	300,054	84.1	343,268	89.8	75,097	90.7	11,733	100.0	578,633	66.8	32,950	100.0
Fayetteville	75,322	99.3	106,177	99.1	18,289	100.0	2,319	100.0	124,444	62.6	0	-
NC Central	115,676	92.2	136,286	96.7	13,979	46.7	2,318	82.6	293,845	90.4	141,104	89.6
UNC Pembroke	86,631	100.0	104,895	90.9	51,100	100.0	1,312	50.2	303,342	77.8	0	-
UNC Wilmington	123,332	100.0	276,086	100.0	85,706	100.0	4,676	100.0	772,086	100.0	23,744	100.0
Western Carolina	184,310	90.4	291,929	95.9	61,376	97.2	3,246	100.0	202,503	30.5	8,936	64.9
Winston-Salem	66,718	97.7	116,031	96.6	24,627	78.6	2,621	51.2	341,779	82.2	17,961	49.1
Subtotal	952,043	91.5	1,374,672	95.0	330,174	91.1	28,225	86.8	2,616,632	72.1	224,695	85.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	98,312	95.9	93,889	93.5	17,544	95.7	-	-	203,409	65.8	27,006	70.8
UNC Asheville	112,985	87.4	109,720	100.0	38,340	100.0	1,207	100.0	174,375	96.1	26,367	100.0
Subtotal	211,297	91.1	203,609	96.9	55,884	98.6	1,207	19.9	377,784	77.0	53,373	82.7
Schools of Art, Music, and Design												
UNC School of the Arts	23,889	100.0	107,374	90.8	34,697	59.6	1,259	41.0	90,714	57.1	27,069	54.9
Subtotal	23,889	100.0	107,374	90.8	34,697	59.6	1,259	41.0	90,714	57.1	27,069	54.9
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	4,026	100.0	17,907	100.0	9,325	100.0	-	-	-	-	0	-
Asheville-Buncombe	16,478	100.0	50,098	98.0	16,209	91.9	980	100.0	-	-	30,660	98.3
Beaufort Co.	2,064	100.0	24,312	100.0	11,008	100.0	-	-	-	-	0	-
Bladen	-	-	13,863	100.0	8,088	100.0	-	-	-	-	0	-
Blue Ridge	6,235	100.0	51,266	100.0	12,867	100.0	-	-	-	-	0	-
Brunswick	29,789	100.0	53,223	90.7	11,881	100.0	112	100.0	-	-	16,273	100.0
Caldwell	18,526	100.0	50,790	96.6	15,605	96.6	-	-	-	-	74	100.0
Cape Fear	24,879	100.0	29,718	96.6	21,620	99.6	-	-	-	-	3,127	100.0
Carteret	2,052	29.6	7,352	87.5	6,863	100.0	-	-	-	-	0	-
Catawba Valley	42,645	100.0	30,056	100.0	2,633	100.0	-	-	-	-	15,540	100.0
Central Carolina	11,379	100.0	34,303	100.0	2,134	100.0	-	-	-	-	325	100.0
Central Piedmont	14,711	97.0	125,526	99.6	59,556	95.5	-	-	-	-	53,893	96.2
Cleveland	15,067	100.0	16,628	100.0	8,613	87.9	-	-	-	-	0	-
Coastal Carolina	3,031	100.0	14,414	100.0	6,010	100.0	-	-	-	-	0	-
Coll. of Albemarle	-	-	36,022	100.0	11,106	100.0	-	-	-	-	0	-
Craven	2,565	100.0	20,643	100.0	1,266	65.5	-	-	-	-	0	-
Davidson County	18,318	98.6	25,584	99.1	22,916	100.0	142	100.0	-	-	775	88.6
Durham	2,507	98.1	23,339	99.3	5,244	12.8	-	-	-	-	0	-
Edgecombe	770	100.0	36,414	95.9	7,420	100.0	-	-	-	-	529	100.0
Fayetteville	21,334	95.5	45,491	98.3	15,504	60.5	378	100.0	-	-	0	-
Forsyth	15,041	100.0	52,152	100.0	10,807	100.0	-	-	-	-	10,382	100.0
Gaston	13,932	100.0	39,633	98.6	8,594	74.2	748	100.0	-	-	7,107	100.0
Guilford	21,706	68.0	59,352	97.3	23,712	85.1	-	-	-	-	88,635	79.1
Halifax	7,060	100.0	40,629	99.1	8,510	99.2	-	-	-	-	0	-
Haywood	726	100.0	32,694	100.0	13,115	79.4	-	-	-	-	2,950	84.2
Isothermal	22,920	100.0	34,442	100.0	12,399	92.7	-	-	-	-	0	-
James Sprunt	3,795	100.0	11,716	94.8	2,771	72.7	-	-	-	-	0	-
Johnston	16,810	100.0	36,930	100.0	19,517	86.6	-	-	-	-	0	-
Lenoir	27,021	100.0	53,980	100.0	12,956	100.0	-	-	-	-	0	-

Table 26. Accessible Area by Room Codes

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Martin	3,120	23.5	48,362	83.1	5,369	100.0	-	-	-	-	0	-
Mayland	1,892	100.0	14,918	100.0	3,505	61.6	-	-	-	-	14,596	100.0
McDowell	1,165	100.0	19,872	99.8	6,388	100.0	-	-	-	-	0	-
Mitchell	9,765	55.9	32,619	84.5	8,453	81.0	-	-	-	-	10,862	83.0
Montgomery	1,361	100.0	10,532	100.0	2,452	100.0	-	-	-	-	0	-
Nash	-	-	29,184	99.3	8,019	92.1	-	-	-	-	0	-
Pamlico	140	100.0	9,292	100.0	2,180	82.0	-	-	-	-	0	-
Piedmont	-	-	14,556	99.0	13,668	100.0	-	-	-	-	0	-
Pitt	20,896	100.0	16,484	100.0	8,059	100.0	-	-	-	-	0	-
Randolph	2,441	100.0	26,287	100.0	36,361	100.0	-	-	-	-	0	-
Richmond	989	100.0	37,515	87.6	6,308	92.2	100	100.0	-	-	0	-
Roanoke-Chowan	9,874	100.0	13,615	100.0	5,623	61.0	-	-	-	-	0	-
Robeson	1,538	100.0	34,860	100.0	7,122	100.0	-	-	-	-	5,439	100.0
Rockingham	21,525	68.2	28,450	99.1	9,092	100.0	-	-	-	-	5,019	100.0
Rowan-Cabarrus	3,929	100.0	42,000	100.0	21,407	100.0	-	-	-	-	13,556	100.0
Sampson	-	-	17,809	100.0	6,675	100.0	-	-	-	-	0	-
Sandhills	20,775	93.2	56,176	99.4	7,890	77.1	-	-	623	11.1	0	-
South Piedmont	1,291	100.0	46,909	100.0	9,030	95.2	-	-	-	-	33,635	45.5
Southeastern	6,189	100.0	10,604	100.0	5,055	100.0	-	-	-	-	17,861	91.3
Southwestern	17,133	100.0	23,501	100.0	6,325	68.5	-	-	-	-	0	-
Stanly	1,644	100.0	17,932	100.0	7,423	100.0	-	-	-	-	1,330	100.0
Surry	17,419	100.0	27,628	98.4	10,767	89.1	-	-	-	-	0	-
Tri-County	-	-	16,400	100.0	9,942	92.7	-	-	-	-	0	-
Vance-Granville	1,351	100.0	37,886	100.0	3,521	54.1	-	-	-	-	0	-
Wake	36,462	100.0	43,353	100.0	23,033	72.9	140	100.0	-	-	46,784	100.0
Wayne	9,085	100.0	25,941	99.3	14,375	100.0	131	100.0	-	-	0	-
Western Piedmont	1,981	100.0	33,282	100.0	8,615	59.7	-	-	-	-	8,027	16.0
Wilkes	24,050	99.9	48,064	93.8	23,845	100.0	-	-	-	-	1,205	100.0
Wilson	-	-	13,241	100.0	7,489	90.1	-	-	-	-	0	-
Subtotal	581,402	92.4	1,865,749	97.8	656,240	86.3	2,731	100.0	623	7.7	388,584	77.5
Private Institutions												
NC Private Universities												
Barton	50,010	100.0	54,818	100.0	7,677	100.0	741	100.0	84,088	79.7	0	-
Campbell	103,606	85.6	126,266	89.9	21,150	97.4	2,897	100.0	174,261	41.6	0	0.0
Mars Hill	39,607	88.7	81,768	69.2	13,984	95.9	995	43.4	36,084	24.2	10,686	31.7
Pfeiffer	35,624	84.9	28,157	61.1	4,083	34.2	338	100.0	17,654	15.6	9,177	31.2
Subtotal	228,847	88.8	291,009	80.9	46,894	83.9	4,971	79.3	312,087	39.7	19,863	31.0
Grand Total	4,600,886	80.0	6,479,121	94.2	2,521,439	83.9	1,115,346	89.3	8,118,063	72.2	1,400,609	65.8

Institutional Index

Institution	Type *	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Graham 27253	06, 13
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barton College	2-2	002908	Wilson	Wilson 27893	01, 03
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01, 03
Bladen Community College	1-3	007897	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buies Creek 27506	02
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	03
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	02
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	08, 09, 12
Cleveland Community College	1-3	008082	Cleveland	Shelby 28152	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28546	03
College of the Albemarle	1-3	002919	Pasquotank	Elizabeth City 27906	01
Craven Community College	1-3	008086	Craven	New Bern 28562	01, 03
Davidson County CC	1-3	002919	Davidson	Lexington 27293	06, 12
Durham Technical CC	1-3	005448	Durham	Durham 27703	04
East Carolina University	1-1	002923	Pitt	Greenville 27858	01, 03
ECU-Health Affairs	1-1		Pitt	Greenville 27858	01, 03
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	01
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	02, 07, 08
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	02, 07, 08
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05, 12
Gaston College	1-2	002973	Gaston	Dallas 28034	09, 10
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06, 12, 13
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	10, 11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03, 07
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02

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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. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	05, 12
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

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

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

**Based on 2001 census.

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