

STATE OF NORTH CAROLINA  
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

# **FACILITIES INVENTORY AND UTILIZATION STUDY 2010**



**School of Pharmacy, Elizabeth City State University**



**HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM**

**FACILITIES INVENTORY AND UTILIZATION STUDY  
FALL OF 2010**

**For  
THE STATE OF NORTH CAROLINA**

***FORTY-FOURTH EDITION***

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

**September 2011**

School of Pharmacy Complex  
Elizabeth City State University  
(Cover Page)

Starting in fall 2010, pharmacy students at the Elizabeth City site began taking their classes in a new 52,500 square foot building located at the west entrance to the ECSU campus. This \$21.9 million, three story facility, whose architecture was inspired by the idea of an apothecary chest, overlooks an artificial pond and contains classrooms and labs organized around a two-story atrium. The first floor contains general science labs, a library, and a drug information center, while the second floor houses the IV simulation lab and the compounding lab. The third floor features three research labs for biochemistry, molecular biology, and medicinal chemistry, as well as a computer lab. Other classrooms, meeting rooms, and offices are distributed throughout the building to create a more collaborative environment for students, faculty, and staff.

In the last decade, 45 of North Carolina's 100 counties did not increase their supply of pharmacists rapidly enough to keep pace with population growth. Due to a need for more pharmacists in eastern North Carolina, the General Assembly allocated funds in 2004 for a new pharmacy program at Elizabeth City State University to be taught in conjunction with faculty located at the University of North Carolina at Chapel Hill. This partnership was launched in fall 2005 as the Doctor of Pharmacy Partnership Program (PharmD), and utilizes advanced instructional technologies for the delivery of instruction to students at UNC-Chapel Hill and at ECSU.

Students at ECSU are instructed "virtually" by professors at the UNC Eshelman School of Pharmacy whose lectures are transmitted in real-time through interactive video conferencing to classrooms in the pharmacy complex on ECSU's campus. Admission and curriculum requirements are the same for students on the Chapel Hill and Elizabeth City campuses. Once enrolled in the PharmD program, the student follows an intensive four year curriculum including ten months of professional experience programs. Students in the Partnership Program remain on the ECSU campus for three years of didactic instruction in the professional education program, with the exception of program orientation and special events.

This new facility and the ECSU/UNC partnership enables the Doctor of Pharmacy degree (PharmD) program to increase the number of graduates each year and to promote increased numbers of pharmacists working in underserved populations.

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N.C. A &T State Univ.

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UNC at Greensboro

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#### Master's (Comprehensive)

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Molly Parkhill

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Physical Plant

Mars Hill College

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Suzanne Klonis

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Pfeiffer University

David J. McIlquham

Sharon Bard

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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-fourth 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 2010 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](http://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 2010 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 v-ix, 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 2010. 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.





***Engineering Building III, North Carolina State University***

North Carolina State University held a reception officially opening the new 248,000 square foot Engineering Building III on September 15, 2010. This \$72.7 million facility houses the Department of Mechanical and Aerospace Engineering and the joint NC State- UNC Department of Biomedical Engineering. The building contains 80 laboratories, two wind tunnels, a flight test cell, anechoic chambers, and classrooms and offices for faculty and graduate students.

**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 67-68, 73-75, 80-81, 84-85, 88-89) and room use codes (pp. 93-94). 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**

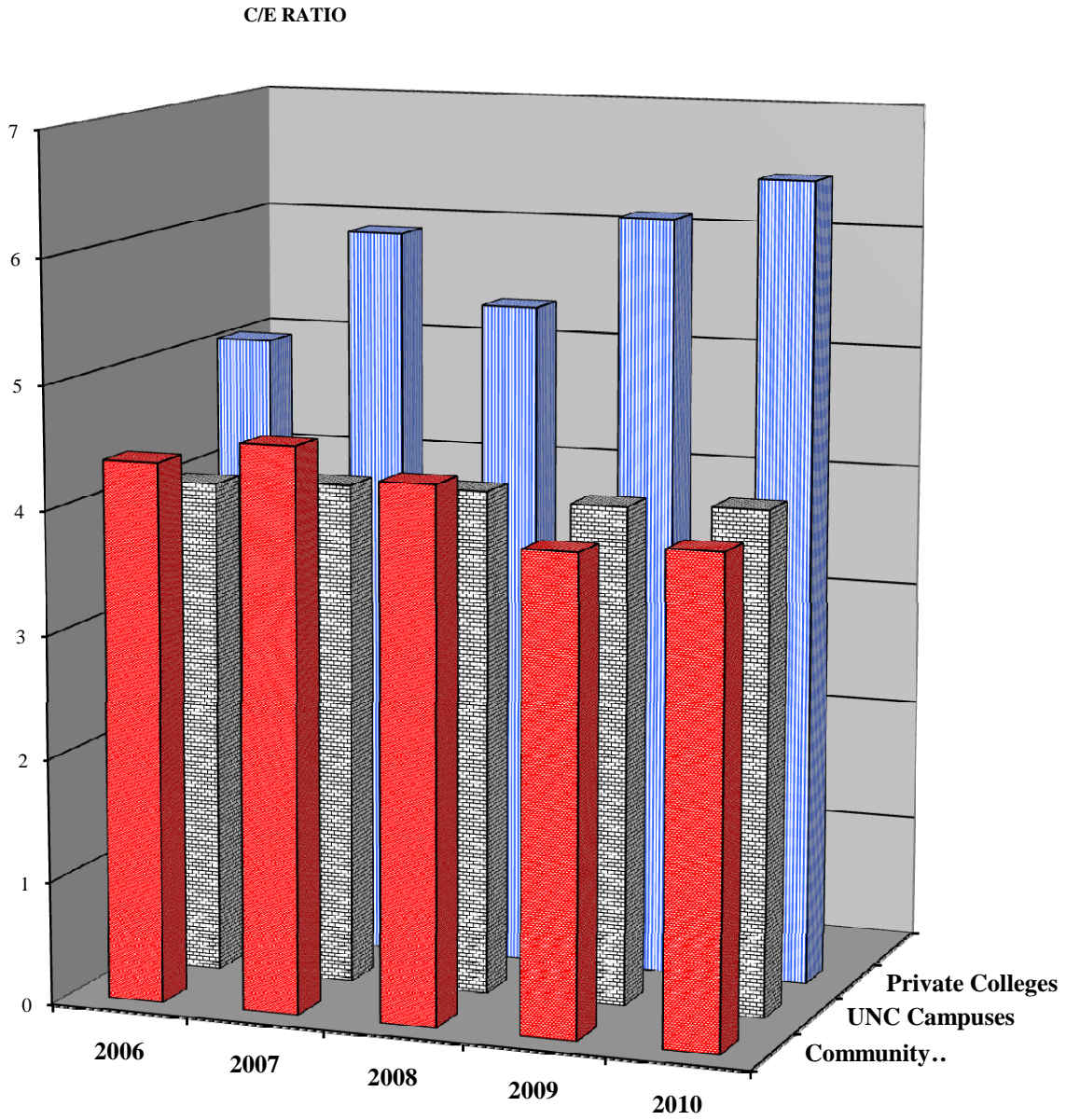
Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying 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				
			2010	2009	2008	2007	2006
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	1,593,450	414,186.5	3.85	3.82	3.86	3.92	3.54
NC State Veterinary Med	-	-	-	-	-	-	-
UNC-Chapel Hill	1,722,795	301,592.5	5.71	5.44	5.59	5.59	5.72
UNC-Chapel Hill Health Aff.	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>3,316,245</b>	<b>715,779.0</b>	<b>4.63</b>	<b>4.49</b>	<b>4.57</b>	<b>4.61</b>	<b>4.44</b>
<b>Doctoral Universities I and II</b>							
East Carolina	1,001,174	262,537.5	3.81	3.82	3.80	3.96	3.72
East Carolina Health Aff.	-	-	-	-	-	-	-
NC A&T	746,462	131,714.0	5.67	5.73	5.28	5.51	4.99
UNC Charlotte	891,711	309,417.0	2.88	3.07	3.18	3.09	3.18
UNC Greensboro	705,113	210,557.5	3.35	3.25	3.38	3.27	3.30
<b>Subtotal</b>	<b>3,344,460</b>	<b>914,226.0</b>	<b>3.66</b>	<b>3.70</b>	<b>3.72</b>	<b>3.74</b>	<b>3.67</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>							
Appalachian	731,366	244,886.0	2.99	3.03	3.10	3.30	3.38
Fayetteville	275,925	61,767.0	4.47	4.04	4.17	3.43	3.55
NC Central	488,726	102,330.0	4.78	4.60	4.90	4.70	4.97
UNC Pembroke	289,305	71,998.0	4.02	4.07	4.42	4.43	4.22
UNC Wilmington	540,433	172,162.5	3.14	3.03	2.95	2.84	2.72
Western Carolina	506,366	112,439.0	4.50	4.78	4.92	4.25	4.61
Winston-Salem	301,766	74,371.0	4.06	3.78	3.75	4.25	4.00
<b>Subtotal</b>	<b>3,133,887</b>	<b>839,953.5</b>	<b>3.73</b>	<b>3.70</b>	<b>3.77</b>	<b>3.70</b>	<b>3.74</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>							
Elizabeth City	269,131	39,848.5	6.75	6.47	6.45	6.52	6.22
UNC Asheville	285,922	58,932.0	4.85	5.16	5.10	4.94	4.92
<b>Subtotal</b>	<b>555,053</b>	<b>98,780.5</b>	<b>5.62</b>	<b>5.71</b>	<b>5.67</b>	<b>5.60</b>	<b>5.49</b>
<b>Schools of Art, Music, and Design</b>							
UNC School of the Arts	279,348	35,460.5	7.88	7.76	7.92	8.08	8.21
<b>Subtotal</b>	<b>279,348</b>	<b>35,460.5</b>	<b>7.88</b>	<b>7.76</b>	<b>7.92</b>	<b>8.08</b>	<b>8.21</b>
<b>Community Colleges</b>							
Alamance	174,962	59,524.5	2.94	2.99	3.11	3.37	2.74
Asheville-Buncombe	366,620	78,264.5	4.68	4.50	5.17	4.58	4.30
Beaufort Co.	116,208	22,292.0	5.21	5.04	6.33	6.90	7.86
Bladen	77,141	20,927.0	3.69	3.79	4.88	4.74	4.77
Blue Ridge	191,239	23,201.5	8.24	6.13	8.49	7.43	6.32
Brunswick	112,029	25,375.0	4.41	4.04	4.21	5.41	5.42
Caldwell	228,914	54,445.0	4.20	4.10	4.83	5.59	4.90
Cape Fear	354,036	115,085.0	3.08	2.98	3.25	3.93	3.61
Carteret	126,139	23,610.0	5.34	5.92	6.36	7.23	7.52
Catawba Valley	245,698	61,683.5	3.98	3.64	4.45	4.00	3.63
Central Carolina	274,587	54,861.5	5.01	4.29	6.09	5.84	4.99
Central Piedmont	847,318	198,806.0	4.26	3.80	4.23	4.45	5.07
Cleveland	151,247	37,960.5	3.98	4.05	4.96	4.73	4.56
Coastal Carolina	180,701	50,265.0	3.59	3.27	4.07	4.12	4.10
Coll. of Albemarle	156,003	30,820.5	5.06	4.93	5.94	6.40	6.56
Craven	155,729	32,526.5	4.79	5.43	6.03	6.07	4.34
Davidson County	212,439	53,040.0	4.01	4.07	5.09	4.34	4.39
Durham	222,709	66,016.5	3.37	3.26	3.65	3.75	4.51
Edgecombe	106,843	40,345.0	2.65	3.08	3.79	5.51	4.47
Fayetteville	418,814	102,640.0	4.08	3.74	3.88	3.86	3.73
Forsyth	362,138	112,231.5	3.23	3.26	4.33	4.82	5.12
Gaston	299,011	65,972.5	4.53	4.69	5.04	4.58	4.79
Guilford	569,677	186,149.0	3.06	3.15	3.16	3.76	3.61
Halifax	112,393	21,997.5	5.11	5.25	6.72	8.16	8.70
Haywood	164,101	24,320.5	6.75	7.16	7.54	8.13	7.00
Isothermal	149,416	33,702.5	4.43	4.23	5.30	5.47	3.85
James Sprunt	76,459	16,672.0	4.59	4.13	5.78	5.79	5.31
Johnston	203,758	50,334.0	4.05	5.03	6.34	4.96	5.52
Lenoir	196,071	40,652.0	4.82	4.59	4.93	6.40	5.01
Martin	82,091	14,468.5	5.67	7.60	8.54	12.73	11.22
Mayland	73,112	13,873.0	5.27	4.71	5.67	7.06	6.43
McDowell	73,249	15,807.0	4.63	4.81	6.07	6.71	4.20
Mitchell	156,291	48,305.5	3.24	3.53	3.92	3.75	3.98

**Table 1. Capacity / Enrollment Ratio**

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2010	2009	2008	2007	2006
Montgomery	67,745	11,222.5	6.04	6.03	5.54	6.40	4.72
Nash	119,104	33,972.0	3.51	3.07	3.49	4.45	4.11
Pamlico	34,705	4,438.0	7.82	7.55	8.27	8.08	6.66
Piedmont	88,881	27,206.0	3.27	3.35	3.50	3.30	3.72
Pitt	211,743	85,076.0	2.49	2.38	2.46	2.64	2.53
Randolph	167,916	38,918.0	4.31	4.55	4.55	5.04	4.83
Richmond	111,522	30,582.0	3.65	3.91	3.71	5.72	4.51
Roanoke-Chowan	58,080	11,463.5	5.07	5.35	6.18	7.29	6.86
Robeson	125,434	46,026.0	2.73	2.60	3.27	3.05	3.82
Rockingham	163,809	32,105.0	5.10	4.83	5.65	6.53	6.84
Rowan-Cabarrus	250,636	88,520.5	2.83	2.60	3.61	3.38	2.99
Sampson	96,583	24,174.0	4.00	4.36	4.59	5.25	4.52
Sandhills	201,648	48,392.0	4.17	4.06	4.38	4.28	4.47
South Piedmont	113,519	33,514.0	3.39	3.52	4.10	3.65	4.06
Southeastern	130,152	20,625.0	6.31	5.13	5.21	5.95	4.84
Southwestern	120,954	25,531.5	4.74	4.60	5.13	6.54	5.71
Stanly	99,791	23,833.0	4.19	3.70	3.48	3.62	3.86
Surry	210,721	47,222.5	4.46	4.50	4.61	4.23	4.40
Tri-County	82,887	13,577.0	6.10	6.53	5.73	6.03	6.16
Vance-Granville	172,505	40,871.5	4.22	3.84	3.98	3.89	3.49
Wake	534,136	175,900.5	3.04	3.12	3.11	3.95	3.75
Wayne	171,507	41,868.0	4.10	4.11	4.17	3.63	3.38
Western Piedmont	160,195	39,333.5	4.07	4.00	3.94	4.87	4.78
Wilkes	167,883	39,150.5	4.29	4.21	4.90	5.59	3.55
Wilson	103,786	21,226.5	4.89	4.74	4.83	4.26	4.04
<b>Subtotal</b>	<b>11,002,985</b>	<b>2,800,924.0</b>	<b>3.93</b>	<b>3.86</b>	<b>4.33</b>	<b>4.57</b>	<b>4.38</b>
<b>Private Institutions</b>							
<b>NC Private Universities</b>							
Barton	126,900	15,153.0	8.37	8.27	8.28	8.36	8.10
Campbell	292,095	62,824.5	4.65	4.14	3.77	3.97	2.87
Mars Hill	170,136	16,687.5	10.20	9.59	8.59	8.77	8.99
Pfeiffer	129,568	15,223.5	8.51	9.04	5.80	8.15	8.26
<b>Subtotal</b>	<b>718,699</b>	<b>109,888.5</b>	<b>6.54</b>	<b>6.20</b>	<b>5.44</b>	<b>6.00</b>	<b>5.07</b>
<b>Grand Total</b>	<b>22,350,677</b>	<b>5,515,012.0</b>	<b>4.05</b>	<b>4.00</b>	<b>4.24</b>	<b>4.35</b>	<b>4.23</b>



**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**

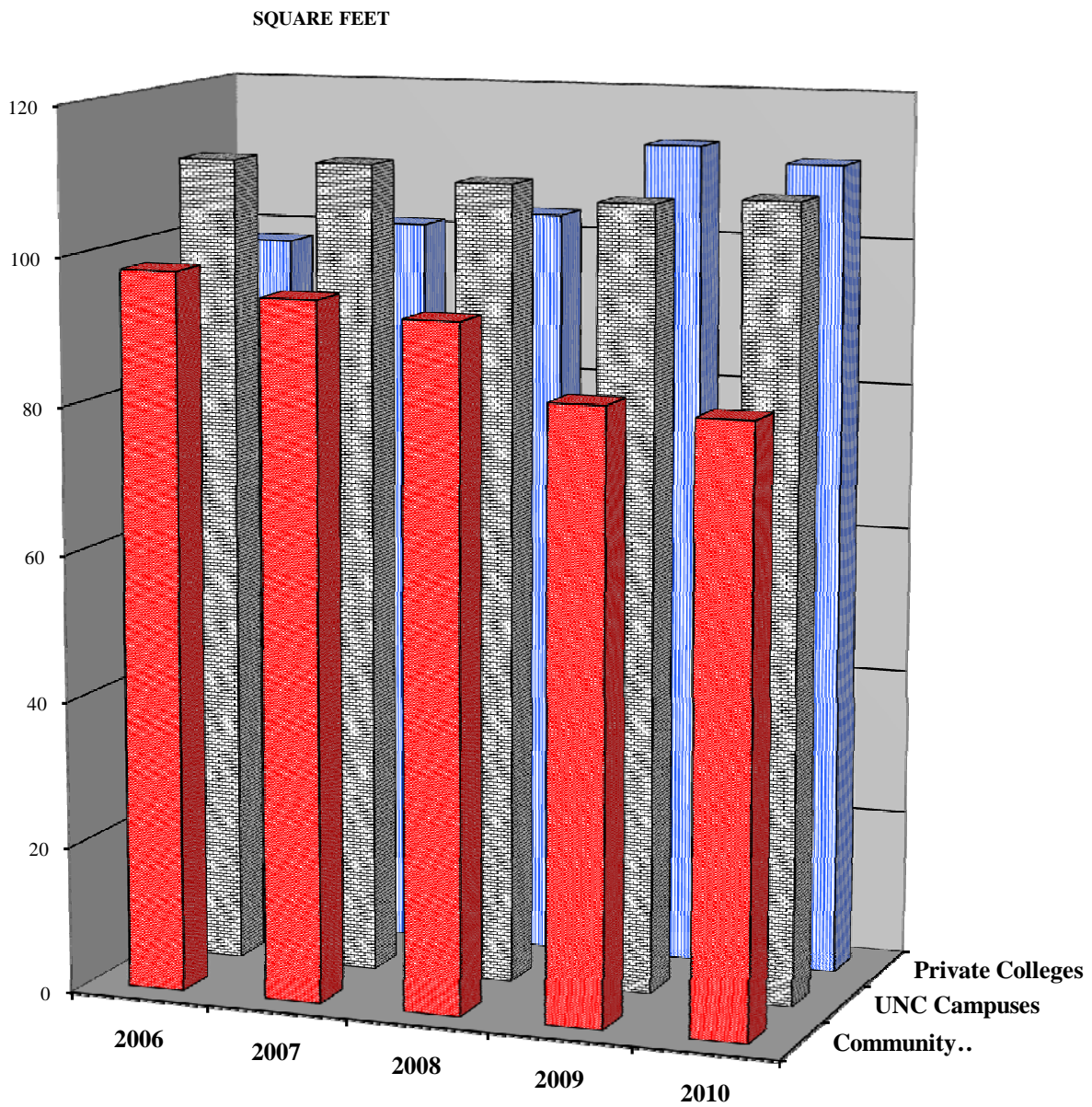
Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount 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				
			2010	2009	2008	2007	2006
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	5,573,577	30,396	183	180	185	192	186
NC State Veterinary Med	343,171	310	1,107	1,090	1,108	1,122	1,148
UNC-Chapel Hill	3,433,716	22,420	153	154	154	155	142
UNC-Chapel Hill Health Aff.	2,348,560	4,600	511	568	595	503	463
<b>Subtotal</b>	<b>11,699,024</b>	<b>57,726</b>	<b>203</b>	<b>203</b>	<b>207</b>	<b>204</b>	<b>194</b>
<b>Doctoral Universities I and II</b>							
East Carolina	1,521,068	22,727	67	69	66	69	74
East Carolina Health Aff.	755,601	2,163	349	344	338	358	387
NC A&T	1,457,194	9,983	146	144	136	138	130
UNC Charlotte	1,503,700	22,285	67	69	70	72	71
UNC Greensboro	1,363,798	16,974	80	77	81	81	97
<b>Subtotal</b>	<b>6,601,361</b>	<b>74,132</b>	<b>89</b>	<b>89</b>	<b>88</b>	<b>91</b>	<b>96</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>							
Appalachian	1,124,562	16,387	69	70	72	75	79
Fayetteville	423,469	5,035	84	76	77	65	70
NC Central	709,752	7,812	91	92	98	91	93
UNC Pembroke	434,844	6,052	72	75	80	83	79
UNC Wilmington	939,068	12,213	77	75	77	75	72
Western Carolina	785,734	8,312	95	95	100	97	98
Winston-Salem	462,454	5,936	78	75	74	83	81
<b>Subtotal</b>	<b>4,879,883</b>	<b>61,747</b>	<b>79</b>	<b>78</b>	<b>81</b>	<b>81</b>	<b>81</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>							
Elizabeth City	384,773	3,112	124	116	123	126	142
UNC Asheville	432,008	3,562	121	125	130	130	120
<b>Subtotal</b>	<b>816,781</b>	<b>6,674</b>	<b>122</b>	<b>121</b>	<b>127</b>	<b>128</b>	<b>130</b>
<b>Schools of Art, Music, and Design</b>							
UNC School of the Arts	447,264	860	520	516	507	503	514
<b>Subtotal</b>	<b>447,264</b>	<b>860</b>	<b>520</b>	<b>516</b>	<b>507</b>	<b>503</b>	<b>514</b>
<b>Community Colleges</b>							
Alamance	210,812	3,592	59	57	71	75	60
Asheville-Buncombe	437,791	5,670	77	82	91	93	99
Beaufort Co.	150,417	1,320	114	120	138	148	155
Bladen	96,907	1,612	60	59	71	111	79
Blue Ridge	229,010	1,586	144	138	176	155	146
Brunswick	151,716	1,034	147	133	139	140	152
Caldwell	280,074	3,060	92	89	103	105	97
Cape Fear	429,223	6,896	62	65	72	70	74
Carteret	154,075	1,152	134	132	152	147	139
Catawba Valley	293,940	3,542	83	83	95	94	88
Central Carolina	308,516	3,874	80	79	94	95	163
Central Piedmont	1,104,518	11,180	99	90	95	100	118
Cleveland	182,516	2,364	77	78	70	72	68
Coastal Carolina	209,088	3,132	67	69	76	81	83
Coll. of Albemarle	223,432	1,482	151	150	180	183	180
Craven	187,193	2,000	94	102	118	99	89
Davidson County	276,670	3,540	78	78	88	93	103
Durham	313,954	3,402	92	91	103	98	95
Edgecombe	147,765	2,040	72	78	112	121	102
Fayetteville	537,318	8,054	67	67	69	74	73
Forsyth	446,398	7,030	63	64	74	75	81
Gaston	391,113	5,174	76	75	85	84	94
Guilford	748,810	10,630	70	77	83	83	92
Halifax	166,473	1,186	140	141	181	200	177
Haywood	191,552	1,428	134	168	172	174	168
Isothermal	200,461	1,842	109	105	138	131	128
James Sprunt	111,214	1,124	99	89	121	121	127
Johnston	268,137	2,842	94	105	91	89	98

\*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 2010 figures for these programs are: ASF: 233,747; FTE: 509; ASF per FTE: 459. Figures for all other campus programs are: ASF: 1,172,507; FTE: 9,282; ASF per FTE: 126.

\*\*\*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				
			2010	2009	2008	2007	2006
Lenoir	249,955	2,670	94	97	110	118	129
Martin	104,352	688	152	157	212	203	200
Mayland	94,074	840	112	125	125	126	128
McDowell	100,431	1,296	77	85	99	120	97
Mitchell	201,431	2,302	88	92	101	110	150
Montgomery	78,451	682	115	117	114	114	122
Nash	140,631	2,280	62	70	78	81	87
Pamlico	52,598	178	295	231	299	195	240
Piedmont	129,279	2,024	64	62	63	64	69
Pitt	253,155	6,256	40	42	45	48	50
Randolph	224,964	1,892	119	132	154	158	138
Richmond	164,577	1,756	94	98	115	117	128
Roanoke-Chowan	79,931	594	135	146	182	173	126
Robeson	154,903	2,218	70	66	81	84	81
Rockingham	202,655	2,042	99	100	120	125	126
Rowan-Cabarrus	337,928	4,990	68	57	70	67	74
Sampson	117,946	1,238	95	97	114	123	115
Sandhills	239,051	2,898	82	82	96	96	99
South Piedmont	156,106	1,270	123	138	156	135	133
Southeastern	162,013	1,378	118	99	109	101	95
Southwestern	155,187	1,478	105	110	115	123	127
Stanly	127,114	2,296	55	55	66	72	82
Surry	240,671	2,748	88	87	90	95	101
Tri-County	108,799	770	141	144	158	146	172
Vance-Granville	229,468	3,092	74	75	98	104	86
Wake	652,892	10,394	63	66	67	72	75
Wayne	215,515	2,932	74	79	89	106	99
Western Piedmont	239,242	2,214	108	103	114	92	97
Wilkes	220,754	2,532	87	86	102	110	104
Wilson	130,104	1,138	114	115	121	122	111
<b>Subtotal</b>	<b>14,013,270</b>	<b>170,874</b>	<b>82</b>	<b>83</b>	<b>93</b>	<b>95</b>	<b>98</b>
<b>Private Institutions</b>							
<b>NC Private Universities</b>							
Barton	174,428	1,041	168	172	169	170	169
Campbell	419,245	5,265	80	84	70	66	61
Mars Hill	239,658	1,139	210	200	179	184	184
Pfeiffer	176,731	1,664	106	104	105	107	104
<b>Subtotal</b>	<b>1,010,062</b>	<b>9,109</b>	<b>111</b>	<b>113</b>	<b>103</b>	<b>101</b>	<b>98</b>
<b>Grand Total</b>	<b>39,467,645</b>	<b>381,122</b>	<b>104</b>	<b>104</b>	<b>110</b>	<b>111</b>	<b>112</b>

\*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 2010 figures for these programs are: ASF: 233,747; FTE: 509; ASF per FTE: 459. Figures for all other campus programs are: ASF: 1,172,507; FTE: 9,282; ASF per FTE: 126.

\*\*\*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.

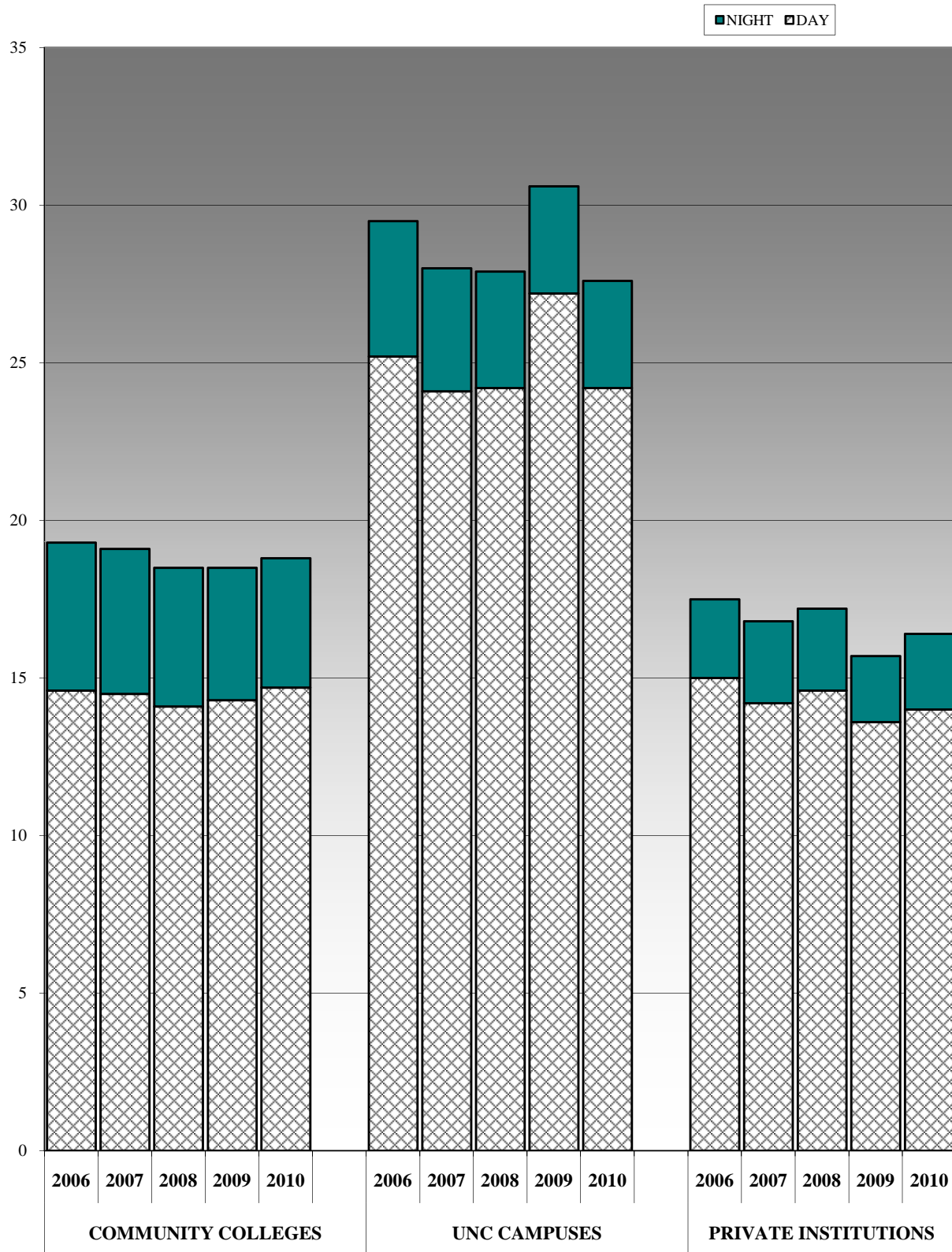
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section 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				
				2010	2009	2008	2007	2006
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	7,496.5	25.7	2.5	28.2	28.0	28.7	28.4	31.3
UNC-Chapel Hill	7,820.0	22.9	1.6	24.6	24.7	25.1	26.2	25.7
<b>Subtotal</b>	<b>15,316.5</b>	<b>24.2</b>	<b>2.0</b>	<b>26.2</b>	<b>26.3</b>	<b>26.9</b>	<b>27.3</b>	<b>28.4</b>
<b>Doctoral Universities I and II</b>								
East Carolina	5,900.5	26.1	2.6	28.8	27.9	28.9	25.8	28.2
NC A&T	3,716.5	19.0	2.5	21.5	21.1	24.2	23.7	27.3
UNC Charlotte	6,066.0	24.7	6.7	31.4	29.4	30.2	30.6	36.4
UNC Greensboro	4,732.0	30.9	5.7	36.7	36.5	37.9	40.3	39.2
<b>Subtotal</b>	<b>20,415.0</b>	<b>24.9</b>	<b>4.3</b>	<b>29.2</b>	<b>28.2</b>	<b>29.8</b>	<b>29.2</b>	<b>32.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	5,881.5	29.2	2.9	32.1	30.9	30.3	28.9	28.0
Fayetteville	2,125.5	26.9	7.4	34.3	33.8	29.2	33.6	39.6
NC Central	2,930.0	18.5	3.8	22.4	22.5	21.9	20.8	21.6
UNC Pembroke	2,515.0	24.0	4.3	28.3	28.2	29.3	30.5	32.3
UNC Wilmington	4,468.0	25.2	4.0	29.2	31.4	34.5	37.6	39.3
Western Carolina	3,075.5	26.5	2.5	29.0	26.8	29.1	29.7	31.3
Winston-Salem	2,520.0	24.8	5.6	30.4	28.6	28.3	24.0	25.9
<b>Subtotal</b>	<b>23,515.5</b>	<b>25.1</b>	<b>4.0</b>	<b>29.1</b>	<b>28.7</b>	<b>29.0</b>	<b>29.1</b>	<b>30.2</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	1,151.0	14.5	2.0	16.4	16.0	15.9	17.6	17.8
UNC Asheville	1,931.0	25.7	4.5	30.2	30.8	30.2	30.7	35.9
<b>Subtotal</b>	<b>3,082.0</b>	<b>19.8</b>	<b>3.2</b>	<b>23.0</b>	<b>23.1</b>	<b>22.4</b>	<b>23.4</b>	<b>25.3</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	531.5	9.9	0.3	10.2	11.2	11.0	11.9	12.4
<b>Subtotal</b>	<b>531.5</b>	<b>9.9</b>	<b>0.3</b>	<b>10.2</b>	<b>11.2</b>	<b>11.0</b>	<b>11.9</b>	<b>12.4</b>
<b>Community Colleges</b>								
Alamance	1,934.0	15.6	4.6	20.1	17.4	21.4	22.8	26.3
Asheville-Buncombe	2,635.5	16.7	4.1	20.8	20.7	19.5	19.9	20.7
Beaufort Co.	785.5	12.6	3.5	16.0	13.4	14.5	12.9	12.5
Bladen	789.5	13.1	6.1	19.3	17.5	15.9	20.3	19.8
Blue Ridge	1,119.0	11.1	3.8	14.9	16.4	15.1	18.2	20.8
Brunswick	1,051.5	13.9	2.0	15.9	16.8	19.9	16.6	17.6
Caldwell	1,921.5	14.5	3.8	18.3	16.2	17.1	17.4	21.4
Cape Fear	3,334.5	21.2	6.4	27.6	27.3	28.0	25.7	27.3
Carteret	952.5	11.4	4.0	15.4	13.4	14.4	15.1	15.2
Catawba Valley	1,617.5	16.6	4.4	21.0	24.6	24.7	25.2	25.5
Central Carolina	2,110.5	10.0	3.4	13.4	15.0	12.3	13.8	13.9
Central Piedmont	7,442.0	13.7	4.8	18.6	20.1	19.6	18.1	16.4
Cleveland	1,432.0	16.0	6.4	22.4	21.4	22.2	26.3	23.2
Coastal Carolina	1,917.5	17.7	3.6	21.3	19.9	20.5	19.5	17.1
Coll. of Albemarle	995.0	10.4	2.9	13.3	11.9	13.8	12.3	11.9
Craven	1,401.5	13.5	4.3	17.7	12.3	13.8	16.9	17.4
Davidson County	1,393.5	12.5	2.5	15.0	15.0	14.7	18.0	18.4
Durham	2,156.0	13.6	5.0	18.6	20.8	19.0	21.1	16.3
Edgecombe	1,224.5	15.3	3.9	19.1	15.9	15.3	14.3	17.8
Fayetteville	3,735.5	14.7	3.4	18.1	18.7	20.2	22.5	21.1
Forsyth	3,528.0	17.9	5.9	23.8	22.8	20.1	19.2	16.9
Gaston	2,227.0	14.2	5.1	19.4	16.8	17.4	20.9	19.2
Guilford	6,307.5	17.5	4.7	22.3	20.1	20.5	18.6	20.0
Halifax	715.0	12.8	2.4	15.2	14.2	13.1	12.6	12.2
Haywood	666.0	13.9	2.0	15.9	13.5	17.5	16.3	17.3
Isothermal	688.0	11.3	1.7	13.0	14.0	13.5	15.8	19.4
James Sprunt	719.5	13.0	3.8	16.7	16.6	15.6	19.6	18.3
Johnston	1,675.5	11.9	2.9	14.8	12.8	11.7	17.1	16.8
Lenoir	1,285.5	11.5	1.9	13.4	14.7	15.2	14.3	17.7
Martin	455.0	12.4	3.8	16.3	13.8	12.9	10.8	9.9
Mayland	708.0	12.8	3.3	16.1	15.9	14.9	12.2	13.3
McDowell	326.5	6.3	2.5	8.8	9.3	11.8	12.2	14.7
Mitchell	1,702.0	13.1	4.2	17.4	15.8	15.3	18.4	15.0
Montgomery	464.5	12.9	5.0	17.9	17.4	20.4	15.5	19.3
Nash	1,232.0	16.9	4.7	21.6	22.8	22.2	20.7	22.2
Pamlico	267.0	9.8	2.9	12.7	13.2	12.6	18.6	16.9
Piedmont	1,051.5	16.4	4.3	20.6	22.0	21.8	21.8	18.6

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2010	2009	2008	2007	2006
Pitt	2,631.0	26.6	7.1	33.7	33.5	31.1	32.3	32.4
Randolph	1,650.0	15.4	4.0	19.4	18.2	18.8	20.5	20.5
Richmond	862.0	11.2	3.6	14.9	18.9	18.2	14.8	13.7
Roanoke-Chowan	483.0	11.4	3.2	14.6	15.5	14.2	15.3	16.4
Robeson	1,305.0	18.5	5.2	23.7	25.0	23.6	24.4	22.3
Rockingham	1,009.0	16.3	3.9	20.2	18.7	19.6	17.0	15.4
Rowan-Cabarrus	2,446.0	15.6	5.9	21.5	26.5	22.2	23.6	27.1
Sampson	764.0	13.3	4.9	18.2	16.4	16.3	16.4	19.2
Sandhills	1,506.5	15.7	1.9	17.5	18.9	19.1	21.4	19.6
South Piedmont	1,061.0	14.9	3.7	18.6	19.5	18.4	22.8	22.4
Southeastern	596.5	10.3	1.2	11.5	12.2	15.4	17.1	16.4
Southwestern	1,072.0	16.9	2.3	19.1	19.8	19.7	18.0	19.6
Stanly	812.0	10.7	3.6	14.2	18.0	20.0	21.6	19.5
Surry	1,421.5	14.6	3.1	17.8	16.3	17.0	21.7	18.9
Tri-County	555.5	8.8	3.8	12.6	10.8	16.2	17.8	17.2
Vance-Granville	1,231.0	12.3	3.7	16.0	16.5	16.4	18.0	21.8
Wake	4,667.5	18.0	4.6	22.7	22.8	23.5	22.4	25.5
Wayne	954.0	13.1	2.0	15.1	15.1	15.3	16.5	20.1
Western Piedmont	1,461.5	20.0	4.0	24.0	22.5	23.5	22.8	23.4
Wilkes	1,774.5	15.4	3.9	19.3	19.1	17.8	19.0	27.6
Wilson	754.0	10.2	4.0	14.2	17.2	16.4	18.6	21.9
<b>Subtotal</b>	<b>92,985.0</b>	<b>14.7</b>	<b>4.1</b>	<b>18.7</b>	<b>18.5</b>	<b>18.5</b>	<b>19.1</b>	<b>19.4</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
Barton	683.0	15.5	1.6	17.1	16.2	16.4	16.0	17.1
Campbell	1,691.5	16.4	2.4	18.8	17.7	20.0	19.4	21.2
Mars Hill	733.0	12.2	1.6	13.8	14.5	15.8	15.3	15.4
Pfeiffer	749.0	10.6	3.8	14.4	12.9	14.4	15.0	14.4
<b>Subtotal</b>	<b>3,856.5</b>	<b>14.0</b>	<b>2.4</b>	<b>16.4</b>	<b>15.7</b>	<b>17.2</b>	<b>16.9</b>	<b>17.5</b>
<b>Grand Total</b>	<b>159,702.0</b>	<b>17.5</b>	<b>3.8</b>	<b>21.4</b>	<b>21.1</b>	<b>21.5</b>	<b>21.8</b>	<b>22.5</b>

## TABLE 4:

### AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

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

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

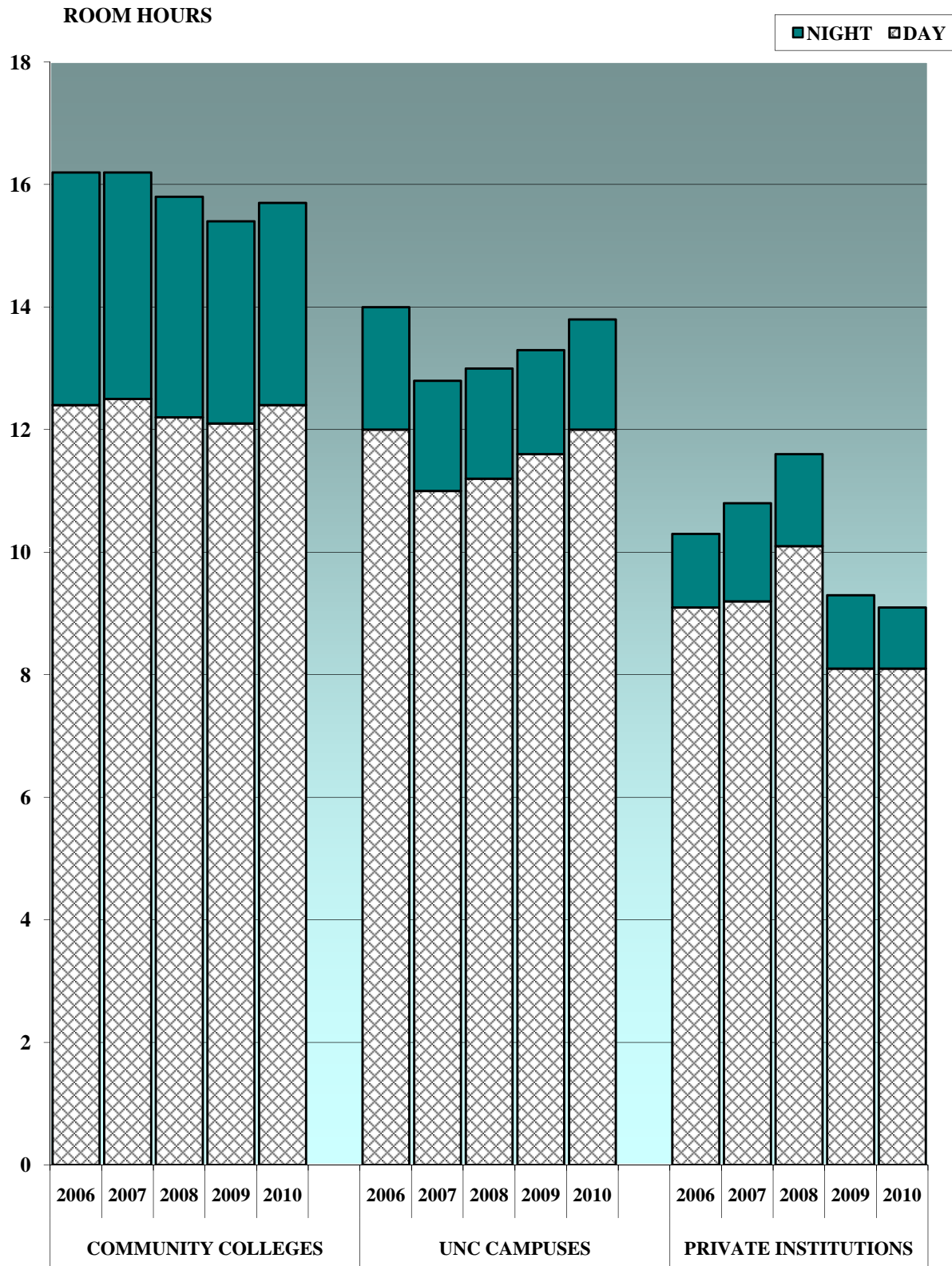
For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled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



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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2010	2009	2008	2007	2006
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	3,173.0	11.5	1.1	12.6	13.1	9.8	9.7	12.0
UNC-Chapel Hill	1,173.0	8.3	1.2	9.5	9.5	11.9	12.1	13.5
<b>Subtotal</b>	<b>4,346.0</b>	<b>10.5</b>	<b>1.1</b>	<b>11.6</b>	<b>12.0</b>	<b>10.4</b>	<b>10.2</b>	<b>12.4</b>
<b>Doctoral Universities I and II</b>								
East Carolina	2,391.0	14.4	1.8	16.2	16.0	14.7	13.9	16.6
NC A&T	1,270.5	5.4	0.8	6.2	5.9	6.7	5.0	7.3
UNC Charlotte	2,495.0	13.7	2.6	16.3	15.2	15.3	16.4	17.6
UNC Greensboro	1,397.5	15.0	1.9	16.8	17.9	20.2	19.5	19.7
<b>Subtotal</b>	<b>7,554.0</b>	<b>11.2</b>	<b>1.7</b>	<b>12.8</b>	<b>12.8</b>	<b>13.2</b>	<b>12.4</b>	<b>14.2</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	2,360.5	19.4	2.5	21.9	20.8	20.7	19.5	16.4
Fayetteville	650.5	15.3	2.2	17.6	20.2	12.8	16.4	19.1
NC Central	817.5	11.1	2.0	13.2	12.5	10.8	11.8	10.9
UNC Pembroke	508.0	13.1	1.8	14.9	15.9	15.2	15.1	13.0
UNC Wilmington	1,424.0	15.7	2.8	18.5	19.6	22.6	22.5	24.3
Western Carolina	1,069.5	14.4	1.5	16.0	9.0	9.1	9.6	9.0
Winston-Salem	800.5	11.2	2.4	13.6	11.5	13.1	11.6	14.7
<b>Subtotal</b>	<b>7,630.5</b>	<b>14.9</b>	<b>2.2</b>	<b>17.2</b>	<b>15.2</b>	<b>15.0</b>	<b>15.2</b>	<b>14.9</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	606.5	7.9	1.4	9.3	10.0	10.2	11.2	11.8
UNC Asheville	570.0	12.6	1.3	13.9	13.4	15.4	17.9	15.2
<b>Subtotal</b>	<b>1,176.5</b>	<b>9.7</b>	<b>1.4</b>	<b>11.1</b>	<b>11.4</b>	<b>12.3</b>	<b>13.7</b>	<b>13.2</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	1,002.0	11.1	4.1	15.2	14.6	14.3	15.4	14.4
<b>Subtotal</b>	<b>1,002.0</b>	<b>11.1</b>	<b>4.1</b>	<b>15.2</b>	<b>14.6</b>	<b>14.3</b>	<b>15.4</b>	<b>14.4</b>
<b>Community Colleges</b>								
Alamance	1,021.5	15.8	3.4	19.3	17.5	15.9	20.5	23.5
Asheville-Buncombe	1,894.5	12.9	3.3	16.2	18.5	18.6	18.3	14.4
Beaufort Co.	532.0	13.7	2.5	16.1	14.4	14.4	15.8	16.7
Bladen	483.5	15.3	4.9	20.1	14.3	19.2	20.6	13.0
Blue Ridge	593.5	9.2	2.0	11.2	13.6	11.6	14.2	16.5
Brunswick	442.0	14.3	3.4	17.7	16.9	16.7	11.8	10.6
Caldwell	852.0	10.9	3.1	14.0	14.3	14.0	14.5	16.4
Cape Fear	2,507.0	17.7	4.3	22.0	21.5	22.1	22.9	21.0
Carteret	449.5	6.5	3.5	10.0	9.6	9.5	10.8	10.4
Catawba Valley	1,683.0	14.5	3.2	17.7	17.4	17.0	17.8	17.6
Central Carolina	985.0	9.6	1.6	11.2	12.8	12.9	12.2	11.8
Central Piedmont	1,957.0	10.0	3.5	13.5	14.7	13.0	13.9	13.9
Cleveland	921.5	9.8	4.6	14.4	14.6	18.2	18.5	18.7
Coastal Carolina	1,167.0	19.0	1.5	20.5	18.5	18.4	20.0	19.8
Coll. of Albemarle	493.0	9.0	0.8	9.9	9.6	10.0	10.9	11.3
Craven	537.5	9.1	3.4	12.5	11.5	10.5	13.3	15.8
Davidson County	782.0	11.3	2.0	13.3	14.4	10.7	14.0	12.1
Durham	1,026.0	9.4	4.1	13.5	12.9	15.4	14.6	12.6
Edgecombe	663.5	11.8	4.4	16.2	14.8	15.7	17.6	18.5
Fayetteville	1,878.5	10.8	2.5	13.3	14.2	14.0	15.9	15.0
Forsyth	1,996.0	14.7	4.5	19.2	17.4	16.2	15.8	13.7
Gaston	985.0	11.8	3.6	15.4	14.1	14.9	15.5	13.1
Guilford	1,620.0	8.3	2.1	10.5	10.5	13.9	12.8	13.7
Halifax	463.0	14.0	1.4	15.4	13.3	13.1	16.2	8.2
Haywood	988.5	10.6	2.3	12.8	15.3	17.2	18.6	20.6
Isothermal	838.0	14.3	3.6	17.8	17.7	16.4	16.8	23.4
James Sprunt	293.5	11.5	2.4	14.0	13.2	13.3	11.3	13.2
Johnston	675.0	10.4	2.6	13.0	11.4	11.4	12.2	11.6
Lenoir	586.5	8.7	2.5	11.3	11.0	15.5	14.3	17.4
Martin	414.0	13.6	3.0	16.6	13.0	9.4	10.9	8.6
Mayland	219.0	9.5	3.4	12.9	15.5	15.8	17.0	16.3
McDowell	498.5	18.5	5.3	23.7	20.3	18.7	23.1	23.8
Mitchell	462.0	9.2	2.7	11.8	11.5	12.4	11.6	12.2
Montgomery	372.5	15.9	3.7	19.6	20.5	22.4	15.9	15.3
Nash	689.5	15.5	4.8	20.3	18.5	19.7	14.0	18.2
Pamlico	172.5	9.3	3.0	12.3	13.1	12.4	14.8	16.8
Piedmont	609.0	17.6	4.2	21.8	23.0	21.4	21.6	21.6



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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2010	2009	2008	2007	2006
Pitt	1,527.0	14.3	3.4	17.8	20.0	22.2	20.7	20.4
Randolph	710.5	10.4	3.3	13.7	13.2	14.5	16.0	17.5
Richmond	638.5	11.6	4.8	16.4	13.6	12.0	12.4	10.9
Roanoke-Chowan	272.5	12.6	3.4	16.0	16.2	13.1	16.8	17.2
Robeson	775.5	15.1	4.8	19.9	19.7	20.3	19.3	17.4
Rockingham	560.5	9.5	2.4	11.9	9.7	15.0	15.8	14.3
Rowan-Cabarrus	1,933.0	17.7	6.5	24.2	23.8	25.6	23.4	23.6
Sampson	373.5	10.4	4.0	14.4	12.0	12.1	11.5	13.3
Sandhills	685.0	10.6	1.6	12.2	12.8	13.0	12.3	11.9
South Piedmont	640.0	14.2	2.2	16.4	16.5	14.5	18.9	18.2
Southeastern	407.5	10.9	1.4	12.3	14.6	13.3	12.7	11.2
Southwestern	598.0	13.0	3.1	16.2	17.5	18.4	16.4	17.0
Stanly	580.0	15.6	4.4	20.0	18.1	18.0	20.1	20.7
Surry	819.0	13.0	2.7	15.8	13.4	15.5	16.6	18.7
Tri-County	574.5	13.1	5.4	18.5	16.4	16.0	19.0	20.1
Vance-Granville	1,020.0	13.0	4.0	17.0	16.7	15.0	18.7	18.3
Wake	3,171.0	15.1	4.7	19.8	18.1	20.3	16.4	18.3
Wayne	774.5	13.8	2.0	15.8	18.2	20.2	22.4	22.4
Western Piedmont	780.0	12.6	3.0	15.6	13.3	15.8	15.1	15.8
Wilkes	659.0	11.2	1.9	13.2	14.9	13.0	14.7	24.8
Wilson	569.5	12.2	4.5	16.8	15.6	15.7	18.3	16.7
<b>Subtotal</b>	<b>50,821.0</b>	<b>12.4</b>	<b>3.3</b>	<b>15.6</b>	<b>15.4</b>	<b>15.8</b>	<b>16.2</b>	<b>16.2</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
Barton	230.5	11.2	0.4	11.5	10.1	10.9	9.5	8.9
Campbell	322.5	8.1	2.0	10.1	13.0	16.6	17.8	17.4
Mars Hill	254.5	8.5	0.9	9.4	8.7	13.3	9.2	8.6
Pfeiffer	142.0	5.2	0.5	5.7	5.1	6.0	7.4	6.9
<b>Subtotal</b>	<b>949.5</b>	<b>8.1</b>	<b>1.0</b>	<b>9.1</b>	<b>9.3</b>	<b>11.6</b>	<b>10.8</b>	<b>10.3</b>
<b>Grand Total</b>	<b>73,479.5</b>	<b>12.1</b>	<b>2.8</b>	<b>14.9</b>	<b>14.6</b>	<b>14.7</b>	<b>14.9</b>	<b>15.3</b>

## **TABLE 5:**

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

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

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

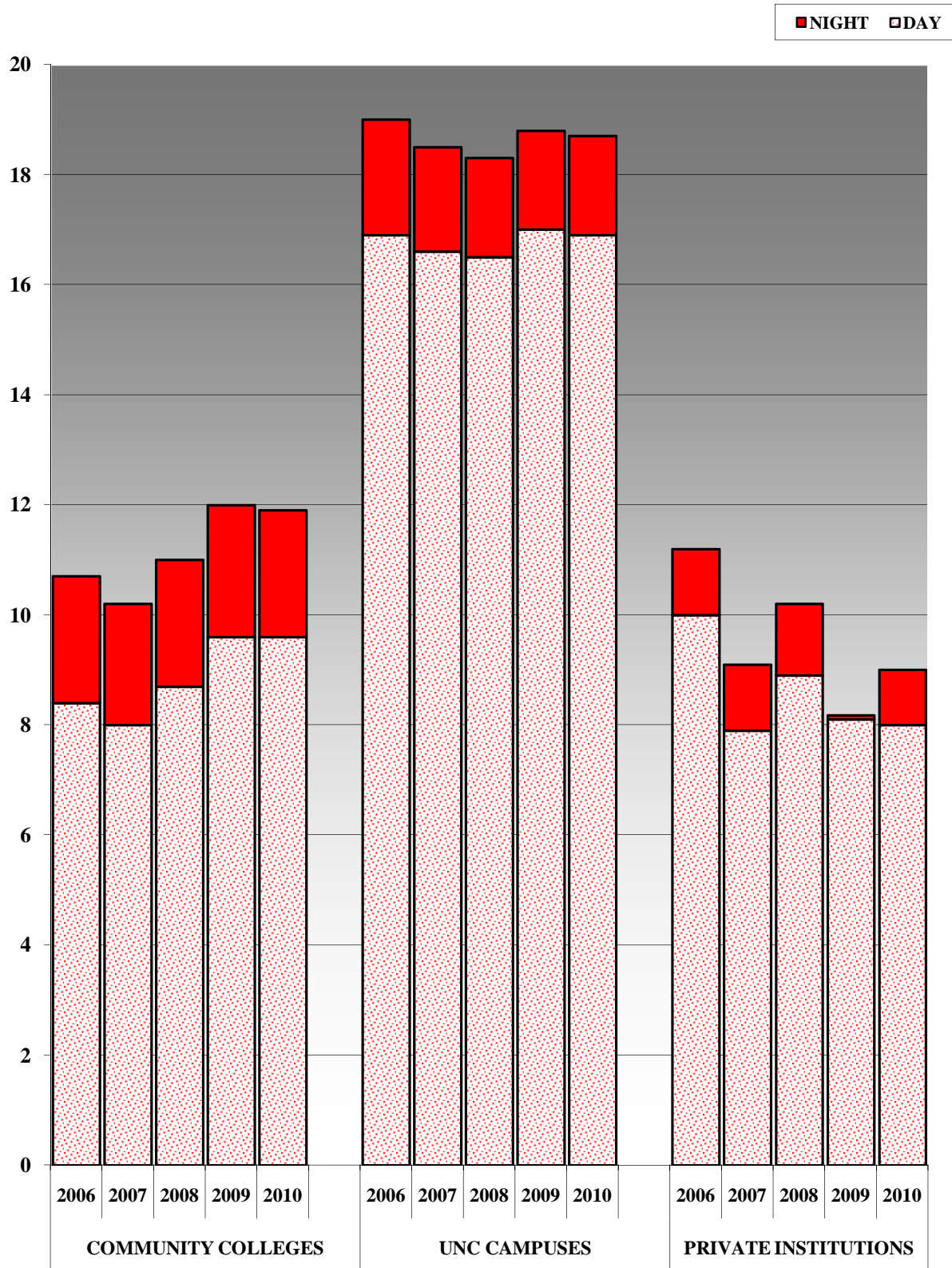
The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 22.75 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 35 hours (see Table 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

AVERAGE HOURS PER WEEK



**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				
					2010	2009	2008	2007	2006
<b>Public Institutions</b>									
<b>Research Universities I</b>									
NC State	15,810	318,614	18.8	1.3	20.2	19.8	19.7	19.2	20.4
UNC-Chapel Hill	15,868	272,064	16.2	0.9	17.1	17.6	16.8	18.0	18.1
<b>Subtotal</b>	<b>31,678</b>	<b>590,678</b>	<b>17.5</b>	<b>1.1</b>	<b>18.6</b>	<b>18.7</b>	<b>18.3</b>	<b>18.6</b>	<b>19.3</b>
<b>Doctoral Universities I and II</b>									
East Carolina	10,426	209,784	18.8	1.3	20.1	19.6	18.9	17.6	18.7
NC A&T	7,025	97,220	12.7	1.1	13.8	13.2	15.3	14.7	14.7
UNC Charlotte	10,751	247,367	19.2	3.8	23.0	22.3	20.4	21.2	23.1
UNC Greensboro	7,690	171,361	19.6	2.7	22.3	22.7	22.2	23.6	23.5
<b>Subtotal</b>	<b>35,892</b>	<b>725,731</b>	<b>17.9</b>	<b>2.3</b>	<b>20.2</b>	<b>19.8</b>	<b>19.4</b>	<b>19.3</b>	<b>20.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>									
Appalachian	7,712	173,169	20.9	1.5	22.5	22.2	21.6	20.0	19.5
Fayetteville	2,401	45,093	15.3	3.4	18.8	19.9	16.3	22.2	26.4
NC Central	5,866	73,438	10.9	1.6	12.5	13.8	13.3	13.8	13.3
UNC Pembroke	3,416	59,264	15.4	1.9	17.3	16.8	16.0	16.2	17.5
UNC Wilmington	6,879	137,620	17.6	2.4	20.0	22.9	23.5	24.4	26.5
Western Carolina	4,027	79,449	18.3	1.4	19.7	18.8	18.6	21.7	19.6
Winston-Salem	3,551	54,150	13.1	2.1	15.2	16.0	15.5	13.4	13.6
<b>Subtotal</b>	<b>33,852</b>	<b>622,182</b>	<b>16.4</b>	<b>1.9</b>	<b>18.4</b>	<b>19.0</b>	<b>18.3</b>	<b>18.9</b>	<b>19.1</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>									
Elizabeth City	2,894	29,074	9.2	0.9	10.0	9.8	8.9	8.8	8.9
UNC Asheville	2,146	40,625	16.6	2.3	18.9	18.7	18.0	18.7	21.2
<b>Subtotal</b>	<b>5,040</b>	<b>69,699</b>	<b>12.3</b>	<b>1.5</b>	<b>13.8</b>	<b>13.6</b>	<b>12.5</b>	<b>12.7</b>	<b>13.3</b>
<b>Schools of Art, Music, and Design</b>									
UNC School of the Arts	1,181	8,329	6.9	0.1	7.1	7.9	7.3	7.8	7.6
<b>Subtotal</b>	<b>1,181</b>	<b>8,329</b>	<b>6.9</b>	<b>0.1</b>	<b>7.1</b>	<b>7.9</b>	<b>7.3</b>	<b>7.8</b>	<b>7.6</b>
<b>Community Colleges</b>									
Alamance	3,002	41,586	11.0	2.9	13.9	12.1	13.2	12.1	14.4
Asheville-Buncombe	3,634	46,585	10.6	2.3	12.8	13.1	11.1	11.8	11.4
Beaufort Co.	1,861	13,367	5.6	1.6	7.2	6.9	7.2	6.3	5.8
Bladen	1,081	13,004	9.1	3.0	12.0	12.0	8.2	8.3	9.7
Blue Ridge	1,930	15,567	6.4	1.7	8.1	9.6	7.4	8.8	9.7
Brunswick	2,130	15,677	6.6	0.8	7.4	8.4	9.1	7.8	7.3
Caldwell	3,082	37,514	10.0	2.2	12.2	11.7	10.7	9.1	10.7
Cape Fear	3,720	65,825	14.2	3.5	17.7	17.4	17.7	14.2	15.6
Carteret	1,519	15,461	7.9	2.3	10.2	8.7	8.5	7.9	7.5
Catawba Valley	2,293	31,867	11.5	2.4	13.9	16.2	13.9	13.7	15.7
Central Carolina	4,564	37,607	6.4	1.8	8.2	9.2	6.5	6.9	7.8
Central Piedmont	12,301	158,861	9.7	3.2	12.9	14.3	13.5	12.0	10.1
Cleveland	2,004	21,600	8.3	2.5	10.8	11.3	8.8	10.7	11.2
Coastal Carolina	2,748	32,854	10.3	1.7	12.0	13.6	10.9	10.6	9.9
Coll. of Albemarle	2,027	20,689	8.2	2.0	10.2	9.4	9.1	8.1	7.7
Craven	1,853	22,727	9.4	2.8	12.3	8.3	8.2	7.4	9.2
Davidson County	3,130	32,104	9.0	1.3	10.3	9.1	8.9	10.6	10.8
Durham	3,888	48,531	9.4	3.1	12.5	13.6	11.6	11.6	9.4
Edgecombe	1,717	23,394	11.5	2.1	13.6	11.6	8.6	6.7	9.4
Fayetteville	8,905	70,041	6.6	1.2	7.9	8.9	8.7	8.0	8.5
Forsyth	4,360	66,202	12.0	3.2	15.2	15.4	12.0	9.7	8.4
Gaston	3,896	44,738	8.9	2.6	11.5	10.3	10.5	12.4	12.1
Guilford	8,200	147,957	14.6	3.5	18.0	17.4	17.3	13.9	15.0
Halifax	1,290	13,813	9.3	1.4	10.7	10.3	8.0	5.3	6.2
Haywood	1,125	9,598	7.6	0.9	8.5	8.0	9.2	7.4	8.9
Isothermal	1,829	14,548	7.0	1.0	8.0	9.5	7.7	7.2	12.2
James Sprunt	1,188	11,321	8.0	1.5	9.5	8.8	6.9	7.3	7.3
Johnston	3,345	36,405	9.1	1.7	10.9	8.9	7.6	10.3	9.3
Lenoir	2,603	24,746	8.5	1.0	9.5	9.7	8.7	7.1	8.9
Martin	759	5,589	5.6	1.8	7.4	5.8	6.3	3.5	4.5
Mayland	1,140	9,444	6.4	1.9	8.3	10.0	7.9	6.2	7.2
McDowell	1,125	5,303	3.7	1.0	4.7	5.4	5.7	4.4	9.3
Mitchell	2,875	34,514	9.4	2.6	12.0	11.5	10.3	10.9	9.6
Montgomery	773	5,702	5.5	1.8	7.4	8.1	9.4	5.5	8.2
Nash	1,913	20,507	8.5	2.3	10.7	12.5	11.3	9.8	11.0
Pamlico	483	2,946	4.7	1.4	6.1	6.3	6.1	7.1	7.9

**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				
					2010	2009	2008	2007	2006
Piedmont	1,255	14,596	9.0	2.6	11.6	12.3	12.0	13.2	10.7
Pitt	2,461	58,931	19.3	4.6	23.9	24.8	23.1	22.2	22.7
Randolph	2,401	28,621	9.3	2.6	11.9	10.8	10.3	9.4	9.8
Richmond	1,940	19,100	8.1	1.7	9.8	10.1	11.8	6.6	8.8
Roanoke-Chowan	890	7,044	6.7	1.2	7.9	7.0	7.0	6.3	6.9
Robeson	1,814	30,585	13.8	3.0	16.9	18.0	15.5	16.4	11.2
Rockingham	1,715	22,792	11.2	2.1	13.3	13.4	11.2	8.6	8.7
Rowan-Cabarrus	3,582	53,234	11.3	3.6	14.9	18.7	12.4	13.5	15.9
Sampson	1,382	16,248	9.2	2.6	11.8	11.1	9.8	8.3	9.8
Sandhills	3,115	33,291	9.8	0.9	10.7	11.5	10.6	11.9	11.0
South Piedmont	1,462	20,743	11.4	2.8	14.2	15.2	13.4	14.5	12.9
Southeastern	2,172	12,211	5.2	0.4	5.6	6.5	6.9	6.1	7.4
Southwestern	1,264	15,925	11.5	1.1	12.6	13.6	11.2	9.0	11.1
Stanly	2,048	14,990	5.5	1.9	7.3	9.0	9.7	9.2	8.1
Surry	2,533	28,518	9.5	1.8	11.3	11.4	10.8	12.1	11.4
Tri-County	1,086	7,037	4.8	1.7	6.5	5.9	7.9	5.5	5.4
Vance-Granville	2,499	23,099	7.4	1.9	9.2	10.3	9.3	9.7	12.8
Wake	7,140	112,781	13.0	2.8	15.8	15.4	14.9	12.0	13.7
Wayne	1,999	20,708	9.1	1.3	10.4	10.1	9.3	10.2	13.4
Western Piedmont	1,926	27,928	12.6	1.9	14.5	13.1	13.4	11.0	10.7
Wilkes	2,951	28,600	8.2	1.5	9.7	9.8	8.1	7.2	10.7
Wilson	1,796	12,463	5.2	1.8	6.9	7.4	7.7	9.5	10.8
<b>Subtotal</b>	<b>153,724</b>	<b>1,827,627</b>	<b>9.6</b>	<b>2.3</b>	<b>11.9</b>	<b>12.0</b>	<b>11.0</b>	<b>10.2</b>	<b>10.6</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	1,678	11,457	6.2	0.6	6.8	6.8	6.8	7.1	7.2
Campbell	4,567	51,982	10.4	1.0	11.4	11.2	12.4	11.2	16.8
Mars Hill	1,614	11,836	6.7	0.7	7.3	7.7	8.8	8.6	8.4
Pfeiffer	1,901	12,290	4.9	1.6	6.5	6.1	9.6	6.5	6.4
<b>Subtotal</b>	<b>9,760</b>	<b>87,565</b>	<b>8.0</b>	<b>1.0</b>	<b>9.0</b>	<b>8.9</b>	<b>10.2</b>	<b>9.0</b>	<b>11.2</b>
<b>Grand Total</b>	<b>271,127</b>	<b>3,931,809</b>	<b>12.5</b>	<b>2.0</b>	<b>14.5</b>	<b>14.6</b>	<b>14.0</b>	<b>13.6</b>	<b>14.0</b>

**TABLE 6:**

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

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

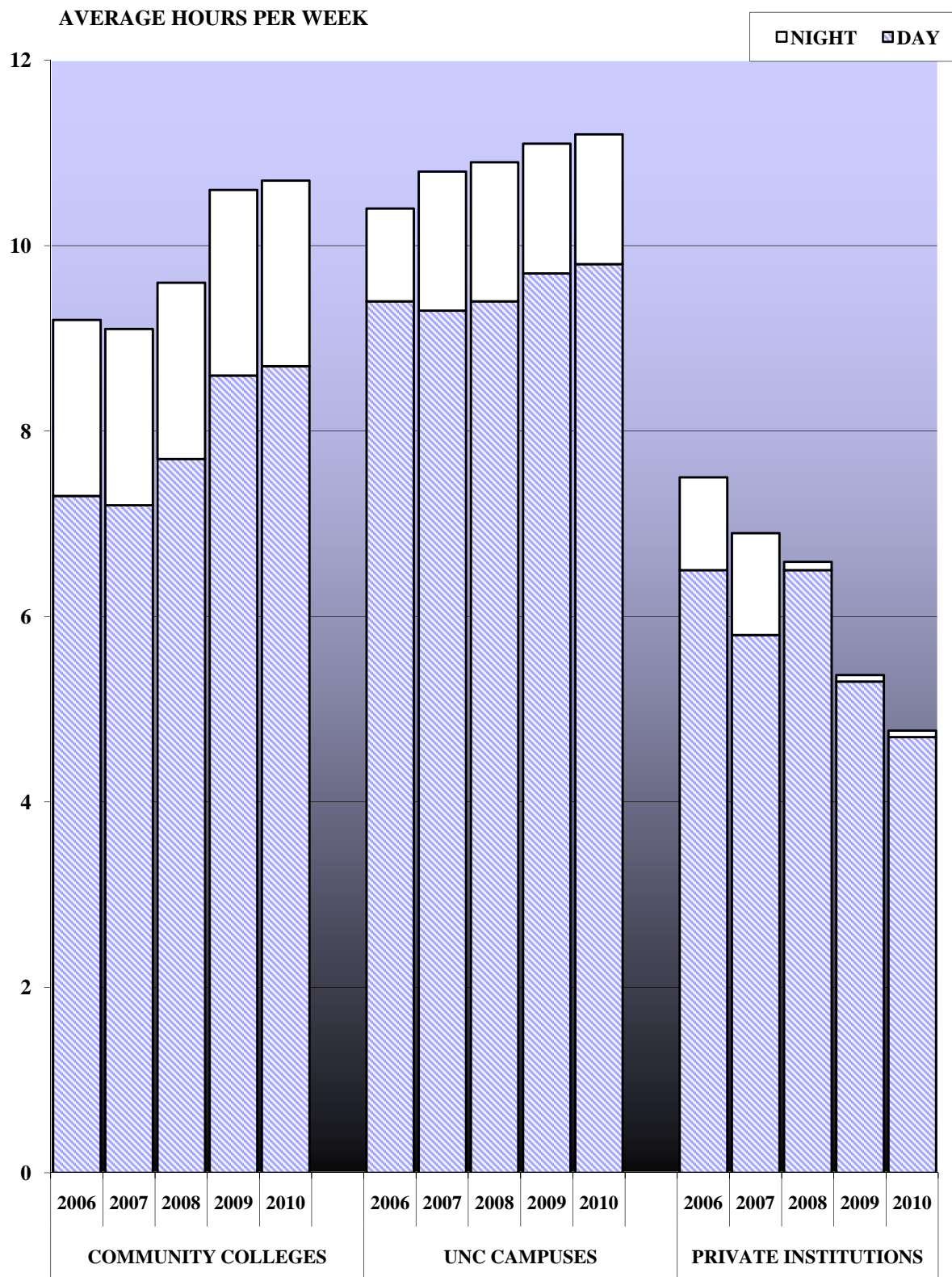
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for a discussion of what the term class laboratory includes and page 20 for precise definitions of daytime and nighttime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

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm 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 CLASS 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				
					2010	2009	2008	2007	2006
<b>Public Institutions</b>									
<b>Research Universities I</b>									
NC State	5,951	73,355	11.3	1.1	12.3	12.3	10.9	10.7	11.1
UNC-Chapel Hill	2,539	21,722	7.4	1.2	8.6	8.4	10.3	9.6	9.9
<b>Subtotal</b>	<b>8,490</b>	<b>95,077</b>	<b>10.1</b>	<b>1.1</b>	<b>11.2</b>	<b>11.2</b>	<b>10.8</b>	<b>10.5</b>	<b>10.8</b>
<b>Doctoral Universities I and II</b>									
East Carolina	3,788	41,662	9.7	1.3	11.0	11.1	10.1	10.4	11.7
NC A&T	3,918	21,762	4.9	0.6	5.6	5.1	5.9	4.2	5.8
UNC Charlotte	3,916	50,466	10.8	2.1	12.9	12.6	11.5	13.8	14.3
UNC Greensboro	2,215	26,629	10.8	1.2	12.0	13.1	13.7	13.6	12.0
<b>Subtotal</b>	<b>13,837</b>	<b>140,518</b>	<b>8.9</b>	<b>1.3</b>	<b>10.2</b>	<b>10.3</b>	<b>10.2</b>	<b>10.1</b>	<b>10.7</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>									
Appalachian	2,428	44,311	16.0	2.2	18.2	17.8	17.8	16.2	14.7
Fayetteville	1,184	11,833	8.7	1.3	10.0	10.0	8.5	12.7	13.2
NC Central	1,370	16,478	10.5	1.5	12.0	11.6	9.7	11.1	8.6
UNC Pembroke	564	7,029	11.4	1.1	12.5	13.9	11.1	11.3	10.5
UNC Wilmington	1,780	27,170	12.9	2.3	15.3	16.3	17.5	17.1	17.0
Western Carolina	1,771	21,203	10.7	1.3	12.0	9.1	8.3	9.2	8.3
Winston-Salem	1,500	14,006	8.0	1.3	9.3	8.8	9.4	8.2	10.3
<b>Subtotal</b>	<b>10,597</b>	<b>142,028</b>	<b>11.7</b>	<b>1.7</b>	<b>13.4</b>	<b>12.7</b>	<b>12.2</b>	<b>12.5</b>	<b>12.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>									
Elizabeth City	1,452	10,364	5.9	1.2	7.1	8.0	7.6	7.2	7.8
UNC Asheville	850	8,709	9.4	0.9	10.2	9.9	11.7	13.0	11.5
<b>Subtotal</b>	<b>2,302</b>	<b>19,073</b>	<b>7.2</b>	<b>1.1</b>	<b>8.3</b>	<b>8.7</b>	<b>9.1</b>	<b>9.3</b>	<b>9.2</b>
<b>Schools of Art, Music, and Design</b>									
UNC School of the Arts	1,606	16,530	7.0	3.3	10.3	10.3	11.4	10.5	9.1
<b>Subtotal</b>	<b>1,606</b>	<b>16,530</b>	<b>7.0</b>	<b>3.3</b>	<b>10.3</b>	<b>10.3</b>	<b>11.4</b>	<b>10.5</b>	<b>9.1</b>
<b>Community Colleges</b>									
Alamance	1,283	17,380	11.7	1.9	13.5	13.4	10.9	12.5	15.2
Asheville-Buncombe	3,087	28,600	7.5	1.8	9.3	10.9	9.6	10.3	8.1
Beaufort Co.	1,202	7,588	5.5	0.8	6.3	6.8	7.1	7.0	7.0
Bladen	536	7,636	11.5	2.8	14.2	10.2	12.0	12.5	8.2
Blue Ridge	1,163	6,502	4.4	1.2	5.6	8.6	6.2	6.7	8.5
Brunswick	539	5,785	9.7	1.0	10.7	11.5	11.4	7.4	5.8
Caldwell	1,290	14,161	9.0	2.0	11.0	13.5	9.6	8.8	10.1
Cape Fear	2,765	43,868	13.0	2.9	15.9	16.3	15.7	14.1	12.7
Carteret	1,037	7,269	4.9	2.1	7.0	6.7	6.1	5.4	5.4
Catawba Valley	1,946	25,571	11.2	2.0	13.1	12.6	9.8	10.4	12.2
Central Carolina	2,138	15,241	6.4	0.8	7.1	8.3	6.0	5.9	7.0
Central Piedmont	3,322	29,721	6.6	2.4	8.9	10.4	8.9	9.5	8.9
Cleveland	1,386	14,882	7.7	3.1	10.7	9.9	8.2	8.5	9.2
Coastal Carolina	1,487	16,275	10.3	0.6	10.9	11.5	9.5	9.7	11.2
Coll. of Albemarle	987	7,317	6.7	0.7	7.4	7.3	6.4	7.3	6.6
Craven	905	8,209	6.5	2.6	9.1	7.9	5.9	5.8	8.3
Davidson County	1,610	14,967	7.9	1.4	9.3	10.3	6.5	7.7	7.4
Durham	1,752	16,332	6.7	2.6	9.3	8.5	9.3	8.2	7.5
Edgecombe	858	12,607	11.8	2.9	14.7	13.8	10.3	8.5	8.8
Fayetteville	3,656	29,949	6.9	1.3	8.2	8.5	7.3	8.1	7.6
Forsyth	2,301	31,290	10.6	3.0	13.6	12.4	10.5	8.6	7.6
Gaston	1,722	15,967	7.5	1.8	9.3	10.5	9.0	8.7	7.8
Guilford	3,191	29,283	7.5	1.7	9.2	9.3	11.4	9.4	10.8
Halifax	639	7,148	10.3	0.9	11.2	11.3	8.5	8.0	4.8
Haywood	1,363	13,719	8.5	1.6	10.1	10.4	9.0	8.1	10.1
Isothermal	1,068	15,339	11.2	3.2	14.4	14.7	11.3	12.6	15.7
James Sprunt	503	3,992	6.4	1.5	7.9	8.3	6.2	5.8	8.1
Johnston	1,276	11,428	7.3	1.6	9.0	7.7	5.7	6.3	5.6
Lenoir	1,207	9,766	6.7	1.4	8.1	8.8	9.8	7.5	10.2
Martin	578	5,014	7.2	1.5	8.7	7.1	4.0	3.8	4.2
Mayland	387	3,739	7.7	1.9	9.7	10.0	9.0	8.7	8.7
McDowell	573	6,735	9.0	2.8	11.8	11.1	8.2	8.3	11.8
Mitchell	918	8,172	7.0	1.9	8.9	7.8	7.3	7.1	7.1
Montgomery	343	3,843	9.3	1.9	11.2	11.3	12.0	8.4	8.6
Nash	750	8,380	9.1	2.0	11.2	10.5	9.6	5.6	8.5
Pamlico	257	1,464	4.5	1.2	5.7	6.0	5.0	4.8	6.4



**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				
					2010	2009	2008	2007	2006
Piedmont	726	10,381	12.0	2.3	14.3	13.5	12.5	12.0	11.8
Pitt	1,496	24,106	13.1	3.0	16.1	17.4	17.2	15.2	15.2
Randolph	1,198	8,927	6.0	1.4	7.5	9.5	9.2	8.4	9.1
Richmond	837	10,186	9.0	3.1	12.2	8.6	7.3	6.0	5.8
Roanoke-Chowan	418	3,264	6.4	1.4	7.8	7.7	5.2	6.0	6.2
Robeson	1,061	13,593	10.5	2.3	12.8	12.8	11.4	10.3	9.1
Rockingham	1,211	8,276	5.5	1.4	6.8	6.8	6.4	5.5	4.6
Rowan-Cabarrus	1,868	33,758	13.6	4.4	18.1	17.9	16.4	15.0	16.1
Sampson	585	6,773	8.6	3.0	11.6	8.8	10.4	8.3	9.6
Sandhills	1,245	10,826	7.4	1.3	8.7	8.3	7.6	6.6	6.8
South Piedmont	852	10,037	10.2	1.6	11.8	10.6	8.3	11.4	9.5
Southeastern	887	6,371	6.5	0.7	7.2	8.4	7.1	5.4	6.4
Southwestern	662	8,065	10.4	1.8	12.2	12.3	12.5	9.3	10.9
Stanly	1,090	8,700	6.7	1.3	8.0	7.2	6.5	6.8	6.3
Surry	1,411	15,243	9.0	1.8	10.8	8.3	9.4	8.7	10.4
Tri-County	616	6,187	7.4	2.6	10.0	11.0	10.8	10.0	10.0
Vance-Granville	1,605	16,672	8.4	2.0	10.4	11.7	10.8	11.0	10.2
Wake	3,571	58,003	12.8	3.5	16.2	15.1	15.8	11.1	11.7
Wayne	1,394	16,079	10.3	1.3	11.5	12.5	13.5	14.7	14.0
Western Piedmont	994	10,322	8.5	1.9	10.4	8.7	10.4	8.7	8.1
Wilkes	1,371	9,218	6.0	0.7	6.7	7.0	6.0	5.6	10.2
Wilson	739	7,420	7.8	2.2	10.0	9.7	8.3	8.3	9.0
<b>Subtotal</b>	<b>75,862</b>	<b>807,531</b>	<b>8.7</b>	<b>2.0</b>	<b>10.6</b>	<b>10.7</b>	<b>9.6</b>	<b>9.0</b>	<b>9.3</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	475	3,138	6.4	0.2	6.6	7.2	7.0	5.7	6.1
Campbell	945	5,221	4.3	1.2	5.5	7.2	8.5	10.2	11.4
Mars Hill	682	3,422	4.7	0.3	5.0	5.1	7.6	4.4	5.1
Pfeiffer	484	2,099	3.8	0.5	4.3	4.0	6.2	6.0	6.1
<b>Subtotal</b>	<b>2,586</b>	<b>13,880</b>	<b>4.7</b>	<b>0.7</b>	<b>5.4</b>	<b>6.0</b>	<b>7.5</b>	<b>6.8</b>	<b>7.5</b>
<b>Grand Total</b>	<b>115,280</b>	<b>1,234,636</b>	<b>8.9</b>	<b>1.8</b>	<b>10.7</b>	<b>10.7</b>	<b>10.0</b>	<b>9.6</b>	<b>9.8</b>

## **TABLE 7:**

### **PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES**

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the 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.

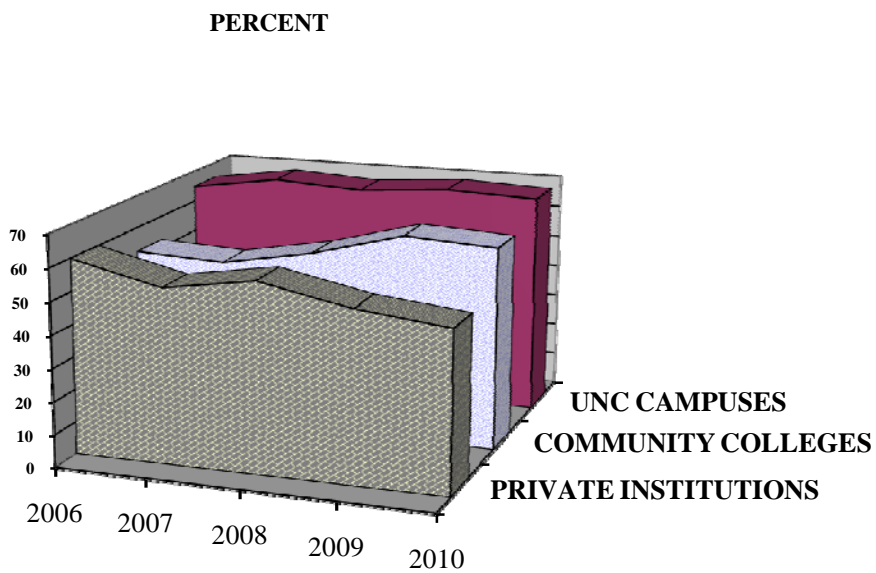
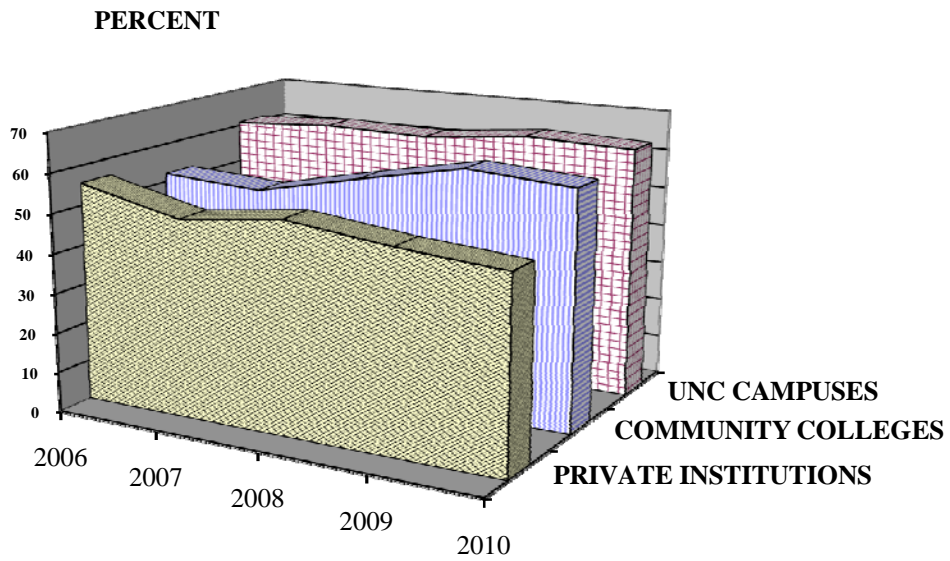
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however,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



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

Institution	Classrooms					Laboratories				
	2010	2009	2008	2007	2006	2010	2009	2008	2007	2006
<b>Public Institutions</b>										
<b>Research Universities I</b>										
NC State	65.7	65.4	63.5	62.8	62.4	84.0	79.3	82.8	86.8	77.3
UNC-Chapel Hill	66.7	66.5	64.2	64.5	66.5	75.2	70.4	69.7	69.2	60.3
<b>Subtotal</b>	<b>66.2</b>	<b>65.9</b>	<b>63.8</b>	<b>63.6</b>	<b>64.2</b>	<b>81.8</b>	<b>77.2</b>	<b>79.0</b>	<b>82.0</b>	<b>72.0</b>
<b>Doctoral Universities I and II</b>										
East Carolina	64.1	64.0	60.0	62.8	61.0	56.1	57.2	54.3	62.0	59.3
NC A&T	57.4	59.2	58.4	58.1	51.7	72.6	64.7	66.6	64.2	60.9
UNC Charlotte	70.0	70.0	66.1	65.3	61.5	70.5	74.4	63.7	74.3	72.2
UNC Greensboro	61.1	63.1	58.6	59.2	59.7	61.8	65.5	61.9	62.4	57.2
<b>Subtotal</b>	<b>64.2</b>	<b>64.9</b>	<b>61.2</b>	<b>61.9</b>	<b>59.2</b>	<b>64.2</b>	<b>65.6</b>	<b>60.6</b>	<b>66.4</b>	<b>62.8</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>										
Appalachian	68.3	69.8	69.0	66.0	66.5	77.0	78.8	79.7	75.0	76.9
Fayetteville	52.4	55.7	55.0	63.2	66.5	50.0	47.3	47.8	56.7	58.5
NC Central	52.7	56.3	55.2	61.5	56.0	67.8	69.2	71.9	71.1	61.8
UNC Pembroke	59.6	59.4	55.6	53.2	55.1	65.1	72.9	60.1	57.8	60.2
UNC Wilmington	66.1	67.3	66.3	63.9	63.2	75.9	79.7	74.9	72.8	67.2
Western Carolina	66.4	67.1	62.6	72.4	63.2	60.7	60.6	55.7	56.7	52.3
Winston-Salem	50.2	54.8	53.6	52.9	48.4	64.2	70.6	67.6	62.9	66.2
<b>Subtotal</b>	<b>61.4</b>	<b>63.1</b>	<b>61.4</b>	<b>62.8</b>	<b>61.0</b>	<b>68.0</b>	<b>69.8</b>	<b>67.8</b>	<b>66.7</b>	<b>65.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>										
Elizabeth City	51.6	56.7	49.4	46.6	45.4	51.6	68.8	61.8	53.7	54.6
UNC Asheville	60.7	59.5	58.3	58.6	55.7	65.1	67.4	66.6	66.9	66.1
<b>Subtotal</b>	<b>56.5</b>	<b>58.3</b>	<b>54.2</b>	<b>52.8</b>	<b>50.7</b>	<b>57.0</b>	<b>68.2</b>	<b>64.0</b>	<b>59.7</b>	<b>59.4</b>
<b>Schools of Art, Music, and Design</b>										
UNC School of the Arts	60.9	63.3	60.7	59.4	55.1	60.8	62.6	71.9	63.5	57.9
<b>Subtotal</b>	<b>60.9</b>	<b>63.3</b>	<b>60.7</b>	<b>59.4</b>	<b>55.1</b>	<b>60.8</b>	<b>62.6</b>	<b>71.9</b>	<b>63.5</b>	<b>57.9</b>
<b>Community Colleges</b>										
Alamance	58.9	55.3	55.6	48.3	51.2	62.9	68.3	61.2	54.1	56.4
Asheville-Buncombe	63.9	65.8	57.9	61.8	55.0	51.8	54.3	47.9	54.5	55.9
Beaufort Co.	42.0	48.7	46.5	44.6	41.4	39.9	45.9	46.3	39.9	39.2
Bladen	58.7	64.6	48.5	37.6	47.8	69.2	63.4	58.5	57.6	52.2
Blue Ridge	51.5	58.1	49.1	45.5	44.5	50.1	57.0	48.9	44.8	46.1
Brunswick	44.0	56.1	49.8	55.3	48.1	53.1	64.2	62.0	54.0	49.2
Caldwell	63.7	65.4	59.8	47.8	48.4	63.8	76.6	59.5	49.3	51.8
Cape Fear	62.7	63.6	61.6	53.2	55.6	67.9	70.9	69.8	61.5	58.0
Carteret	62.0	60.4	53.9	47.2	43.7	65.0	65.3	58.3	46.6	47.6
Catawba Valley	61.3	64.0	56.7	54.9	62.4	71.0	71.4	56.7	57.9	67.3
Central Carolina	58.9	57.6	47.9	46.1	51.3	60.8	61.9	44.1	45.7	56.7
Central Piedmont	67.8	70.7	68.5	64.9	61.2	61.5	65.7	65.0	65.0	60.7
Cleveland	47.0	51.6	39.2	39.1	45.3	62.7	56.0	40.8	39.7	42.7
Coastal Carolina	53.4	65.0	50.5	50.7	55.3	52.6	59.9	49.8	47.9	54.4
Coll. of Albemarle	61.0	59.0	52.0	51.2	48.7	70.9	69.2	61.6	60.6	56.1
Craven	64.5	62.2	53.9	40.1	49.2	68.7	66.0	51.1	41.4	50.1
Davidson County	61.9	56.4	52.8	54.4	53.9	67.8	66.1	53.9	49.0	54.1
Durham	59.0	59.3	55.4	51.1	51.4	63.9	64.5	60.3	54.8	54.9
Edgecombe	66.7	67.8	55.0	44.1	51.2	74.7	78.1	59.9	44.4	43.1
Fayetteville	40.3	44.2	39.5	33.6	37.3	58.5	55.7	50.1	49.2	48.5
Forsyth	59.3	62.3	54.2	47.5	45.8	65.7	66.9	61.0	51.7	50.1
Gaston	59.5	62.9	60.8	60.5	64.4	53.7	66.0	55.8	55.7	56.2
Guilford	75.7	81.3	78.7	68.9	69.9	73.7	75.4	69.4	59.8	66.8
Halifax	61.9	66.7	57.2	35.8	42.9	60.4	71.5	57.0	45.6	64.9
Haywood	47.4	49.4	48.7	40.8	45.7	54.4	52.3	41.7	35.7	42.3
Isothermal	56.2	63.6	54.1	43.6	60.9	73.1	74.7	61.7	62.9	60.9
James Sprunt	56.1	53.6	42.6	35.4	40.3	50.6	53.2	41.7	44.9	51.8
Johnston	69.3	63.2	59.6	55.7	49.6	64.1	65.5	47.0	49.2	43.3
Lenoir	65.0	65.1	55.9	47.2	50.0	65.7	70.7	62.6	50.9	56.7
Martin	48.2	41.2	43.9	30.2	44.0	43.2	42.8	37.3	30.2	39.8
Mayland	53.4	62.1	51.7	49.0	49.7	75.7	66.9	58.5	56.2	58.3
McDowell	54.1	56.2	43.8	34.9	56.9	44.1	49.0	39.0	34.3	46.8
Mitchell	61.3	63.4	59.4	54.2	54.6	72.4	66.4	56.0	59.7	57.3
Montgomery	39.4	43.5	44.4	32.7	40.9	58.0	57.5	53.6	50.9	54.2
Nash	48.5	57.8	51.1	41.6	48.8	51.3	53.4	47.6	36.0	43.9
Pamlico	43.9	42.1	42.2	37.4	41.9	40.9	39.4	34.9	30.8	34.1
Piedmont	49.9	48.7	48.4	53.7	52.1	60.7	52.3	52.0	51.7	48.5
Pitt	69.8	72.8	71.4	66.2	68.0	71.7	71.5	66.2	61.8	60.9
Randolph	56.5	54.0	54.0	44.2	44.4	50.4	66.5	54.7	47.9	49.0

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

Institution	Classrooms					Laboratories				
	2010	2009	2008	2007	2006	2010	2009	2008	2007	2006
Richmond	56.6	46.9	56.7	36.4	54.6	67.2	57.5	53.4	43.9	45.9
Roanoke-Chowan	51.6	43.1	44.9	35.9	37.3	46.5	43.7	37.6	32.8	33.6
Robeson	71.3	74.7	67.7	68.6	51.2	69.6	69.7	51.1	49.6	51.4
Rockingham	60.2	64.7	56.0	47.3	51.1	52.5	59.2	37.6	29.8	27.4
Rowan-Cabarrus	67.0	68.4	54.4	51.5	56.2	73.0	75.9	58.7	58.3	63.9
Sampson	66.3	69.4	62.1	53.0	52.1	73.9	72.7	79.6	67.4	69.6
Sandhills	58.8	57.0	54.3	54.2	56.0	64.4	57.8	51.5	44.7	47.6
South Piedmont	71.7	76.5	71.1	61.5	58.1	67.4	62.9	55.9	57.9	50.7
Southeastern	50.0	57.1	46.3	36.9	45.4	51.6	54.2	48.3	37.5	44.6
Southwestern	60.8	64.1	51.4	45.7	51.4	68.0	64.2	62.6	50.7	55.3
Stanly	50.2	48.3	45.5	41.8	39.7	36.9	38.7	35.8	29.6	29.0
Surry	61.3	68.3	63.6	54.5	58.0	66.9	65.5	61.9	51.7	49.5
Tri-County	45.5	50.8	46.9	29.8	31.2	48.6	60.4	58.4	54.8	49.8
Vance-Granville	56.3	60.0	54.4	52.9	56.4	56.5	63.2	60.6	52.6	50.0
Wake	65.4	65.9	63.3	53.5	53.8	72.2	75.9	72.4	60.6	58.1
Wayne	61.8	60.9	55.8	56.8	62.8	69.8	66.9	60.9	60.7	57.1
Western Piedmont	58.1	59.5	54.4	45.7	43.2	64.0	59.6	64.6	55.2	48.4
Wilkes	48.0	47.7	43.8	36.1	36.3	46.8	44.7	43.1	34.0	38.4
Wilson	51.5	47.6	51.1	50.4	48.1	56.3	58.3	49.4	43.7	48.7
<b>Subtotal</b>	<b>60.0</b>	<b>61.8</b>	<b>56.4</b>	<b>50.6</b>	<b>52.1</b>	<b>62.1</b>	<b>63.7</b>	<b>56.2</b>	<b>51.1</b>	<b>52.4</b>
<b>Private Institutions</b>										
<b>NC Private Universities</b>										
Barton	36.9	39.0	38.5	41.4	39.6	47.3	55.3	55.2	47.6	52.2
Campbell	52.5	54.6	53.5	53.9	66.0	49.2	49.9	50.3	57.4	64.8
Mars Hill	52.3	52.8	54.4	53.8	52.7	42.5	45.3	55.0	41.4	46.2
Pfeiffer	40.8	42.6	65.2	42.3	42.3	70.2	78.1	103.9	69.1	80.5
<b>Subtotal</b>	<b>47.9</b>	<b>49.9</b>	<b>52.9</b>	<b>49.7</b>	<b>55.6</b>	<b>49.1</b>	<b>52.2</b>	<b>57.9</b>	<b>53.5</b>	<b>59.9</b>
<b>Grand Total</b>	<b>61.4</b>	<b>62.7</b>	<b>59.0</b>	<b>56.4</b>	<b>56.5</b>	<b>63.9</b>	<b>65.3</b>	<b>59.8</b>	<b>56.6</b>	<b>56.5</b>



**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:

<b>INSTITUTIONAL GROUP</b>	<b>STUDENT CLOCK HR./FTE</b>
<b>By Control:</b>	
University of North Carolina	13
Private Institutions	12
Community/Technical Colleges	16
<b>By Level:</b>	
Major Research Universities	14
Other Baccalaureate-Granting Institutions	13
Two-year Institutions	16
<b>All North Carolina Institutions</b>	<b>15</b>

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

Institution	2010			2009			2008		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
<b>Public Institutions</b>									
<b>Research Universities I</b>									
NC State	318,613.5	73,355.0	22,218.0	315,919.5	73,632.0	21,487.5	321,384.5	71,743.0	16,818.5
UNC-Chapel Hill	272,064.0	21,722.0	7,806.5	258,933.5	19,939.5	12,142.5	246,848.0	24,672.0	11,464.5
<b>Subtotal</b>	<b>590,677.5</b>	<b>95,077.0</b>	<b>30,024.5</b>	<b>574,853.0</b>	<b>93,571.5</b>	<b>33,630.0</b>	<b>568,232.5</b>	<b>96,415.0</b>	<b>28,283.0</b>
<b>Doctoral Universities I and II</b>									
East Carolina	209,784.0	41,661.5	11,092.0	205,260.5	41,743.0	14,802.5	211,004.5	39,175.5	13,823.0
NC A&T	97,219.5	21,762.0	12,732.5	93,716.5	17,788.0	13,573.5	99,732.0	18,125.5	12,118.0
UNC Charlotte	247,366.5	50,465.5	11,585.0	235,940.0	53,536.5	9,701.0	219,124.5	49,246.0	15,359.0
UNC Greensboro	171,361.0	26,628.5	12,568.0	177,945.5	28,273.5	11,338.0	170,406.0	29,035.0	11,114.5
<b>Subtotal</b>	<b>725,731.0</b>	<b>140,517.5</b>	<b>47,977.5</b>	<b>712,862.5</b>	<b>141,341.0</b>	<b>49,415.0</b>	<b>700,267.0</b>	<b>135,582.0</b>	<b>52,414.5</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>									
Appalachian	173,169.0	44,310.5	27,406.5	172,311.0	42,434.0	26,136.0	167,564.5	42,340.0	25,646.0
Fayetteville	45,092.5	11,832.5	4,842.0	51,771.5	11,672.5	4,546.5	53,164.0	12,748.0	3,031.0
NC Central	73,438.0	16,477.5	12,414.5	80,776.5	15,861.5	9,640.0	77,900.0	13,305.0	8,527.0
UNC Pembroke	59,263.5	7,029.0	5,705.5	58,965.0	7,701.5	4,414.0	56,087.0	6,153.0	3,182.0
UNC Wilmington	137,619.5	27,169.5	7,373.5	128,743.5	27,858.0	8,280.5	131,966.5	29,926.0	7,281.5
Western Carolina	79,449.0	21,202.5	11,787.5	78,223.5	19,781.5	9,771.5	73,846.0	17,569.0	10,359.0
Winston-Salem	54,150.0	14,006.0	6,215.0	60,205.0	13,766.0	4,704.0	58,294.5	14,630.5	6,376.0
<b>Subtotal</b>	<b>622,181.5</b>	<b>142,027.5</b>	<b>75,744.5</b>	<b>630,996.0</b>	<b>139,075.0</b>	<b>67,492.5</b>	<b>618,822.5</b>	<b>136,671.5</b>	<b>64,402.5</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>									
Elizabeth City	29,073.5	10,364.0	411.0	28,084.5	10,881.5	799.0	26,938.5	10,346.5	1,645.5
UNC Asheville	40,625.0	8,709.0	9,598.0	40,164.0	8,365.5	6,798.0	36,404.5	9,252.0	8,079.0
<b>Subtotal</b>	<b>69,698.5</b>	<b>19,073.0</b>	<b>10,009.0</b>	<b>68,248.5</b>	<b>19,247.0</b>	<b>7,597.0</b>	<b>63,343.0</b>	<b>19,598.5</b>	<b>9,724.5</b>
<b>Schools of Art, Music, and Design</b>									
UNC School of the Arts	8,328.5	16,530.0	10,602.0	9,410.5	15,864.5	10,348.5	8,716.5	17,445.0	8,701.0
<b>Subtotal</b>	<b>8,328.5</b>	<b>16,530.0</b>	<b>10,602.0</b>	<b>9,410.5</b>	<b>15,864.5</b>	<b>10,348.5</b>	<b>8,716.5</b>	<b>17,445.0</b>	<b>8,701.0</b>
<b>Community Colleges</b>									
Alamance	41,585.5	17,380.0	559.0	32,719.0	19,269.5	4,196.0	36,139.5	15,636.5	2,324.5
Asheville-Buncombe	46,584.5	28,600.0	3,080.0	47,197.0	31,995.0	3,051.0	39,152.5	28,671.0	2,884.0
Beaufort Co.	13,366.5	7,587.5	1,338.0	12,606.0	7,653.0	4,056.0	11,657.5	6,397.0	614.0
Bladen	13,004.0	7,636.0	287.0	12,737.5	5,460.0	18.0	7,991.0	5,707.0	-
Blue Ridge	15,567.0	6,501.5	1,133.0	18,608.5	9,565.5	2,951.0	15,135.0	6,441.0	1,483.5
Brunswick	15,677.0	5,785.0	3,913.0	17,841.0	6,192.5	3,663.5	16,490.5	6,121.5	1,962.5
Caldwell	37,513.5	14,160.5	2,771.0	36,072.0	17,396.5	2,399.0	30,882.5	12,645.5	2,326.0
Cape Fear	65,824.5	43,867.5	5,393.0	61,505.0	42,701.0	10,757.0	58,630.5	40,116.0	3,744.0
Carteret	15,461.0	7,269.0	880.0	13,414.0	6,985.0	1,051.0	12,685.0	6,086.0	849.0
Catawba Valley	31,867.0	25,570.5	4,246.0	37,381.5	23,606.0	6,013.5	31,943.0	18,765.5	7,429.0
Central Carolina	37,606.5	15,241.0	2,014.0	41,090.5	17,564.5	2,849.0	28,783.5	12,541.0	1,721.5
Central Piedmont	158,861.0	29,721.0	10,224.0	160,442.5	30,043.0	11,412.5	150,693.5	24,815.0	9,972.0
Cleveland	21,600.0	14,881.5	1,479.0	22,245.0	13,742.0	1,386.0	15,522.5	8,582.5	2,307.0
Coastal Carolina	32,854.0	16,275.0	1,136.0	37,500.0	17,108.5	778.0	29,848.0	14,139.5	437.0
Coll. of Albemarle	20,688.5	7,316.5	2,815.5	19,379.5	7,287.5	5,278.0	17,744.0	6,784.0	4,047.5
Craven	22,726.5	8,209.0	1,591.0	17,470.5	10,697.5	1,871.0	16,738.0	7,919.5	2,335.0
Davidson County	32,104.0	14,967.0	5,969.0	28,590.0	14,847.0	6,494.5	25,517.0	9,591.0	3,203.5
Durham	48,531.0	16,331.5	1,154.0	47,666.0	12,285.5	2,225.5	41,519.5	13,422.0	1,241.5
Edgecombe	23,393.5	12,606.5	4,345.0	19,936.5	11,861.0	2,841.0	15,536.0	9,031.0	4,055.5
Fayetteville	70,040.5	29,948.5	2,651.0	77,725.5	31,055.0	2,257.0	76,479.0	26,614.5	2,961.0
Forsyth	66,201.5	31,289.5	14,740.5	61,805.0	28,098.0	11,404.5	46,137.5	22,989.0	4,767.5
Gaston	44,738.0	15,966.5	5,268.0	43,822.0	18,722.5	3,091.5	36,741.5	12,809.5	2,452.0
Guilford	147,956.5	29,282.5	8,910.0	140,838.5	28,358.5	8,430.0	123,232.5	28,979.0	4,527.0
Halifax	13,813.0	7,148.0	1,036.5	13,325.0	7,221.0	875.0	11,026.0	5,599.5	809.5
Haywood	9,598.0	13,718.5	1,004.0	8,905.0	12,092.5	603.0	10,169.5	9,926.5	314.0
Isothermal	14,548.0	15,339.0	3,815.5	17,293.0	15,602.0	2,411.5	13,941.5	11,954.0	2,128.0
James Sprunt	11,321.0	3,991.5	1,359.5	11,060.0	4,506.0	3,581.0	8,841.5	3,350.0	1,345.0
Johnston	36,405.0	11,427.5	2,501.5	29,860.5	9,781.0	867.5	22,552.5	6,519.0	1,258.0
Lenoir	24,745.5	9,765.5	6,141.0	25,458.0	10,213.5	6,264.5	23,514.5	9,653.5	5,281.0
Martin	5,588.5	5,014.0	3,866.0	4,846.0	3,963.0	1,992.5	4,975.5	3,227.5	1,441.0
Mayland	9,443.5	3,738.5	691.0	12,264.0	3,016.0	1,010.0	8,810.5	2,379.0	1,041.0
McDowell	5,303.0	6,735.0	3,769.0	6,432.5	7,594.5	2,603.0	6,403.0	5,591.0	647.0
Mitchell	34,514.0	8,171.5	5,620.0	31,971.5	7,197.0	4,493.5	27,729.5	6,506.5	4,116.5
Montgomery	5,702.0	3,842.5	1,678.0	6,551.5	3,611.5	1,079.0	7,297.5	3,539.5	780.5
Nash	20,506.5	8,379.5	5,086.0	23,960.0	7,847.5	7,020.5	22,278.0	7,175.5	4,651.0
Pamlico	2,946.0	1,463.5	28.5	3,034.0	1,549.0	15.0	2,889.5	1,282.5	27.0
Piedmont	14,595.5	10,380.5	2,230.0	15,462.5	9,799.5	1,309.0	13,690.0	8,575.0	1,262.0
Pitt	58,931.0	24,106.0	2,039.0	56,434.5	21,214.5	2,336.5	48,692.0	20,625.5	2,085.5
Randolph	28,621.0	8,927.0	1,370.0	23,431.5	11,792.5	1,161.0	20,970.0	10,595.5	1,315.5



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

Institution	2010			2009			2008		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Richmond	19,100.0	10,186.0	1,296.0	17,134.5	6,666.5	1,368.5	20,015.5	5,622.0	899.5
Roanoke-Chowan	7,044.0	3,263.5	1,156.0	6,186.5	3,222.5	1,453.5	6,331.5	2,186.0	1,110.0
Robeson	30,584.5	13,593.0	1,848.5	32,189.0	13,402.0	3,612.5	27,488.0	11,827.0	2,033.0
Rockingham	22,792.0	8,276.0	1,037.0	22,999.5	8,036.5	2,551.5	19,287.0	7,496.5	1,936.0
Rowan-Cabarrus	53,233.5	33,757.5	1,529.5	51,313.0	28,702.0	1,389.0	36,820.5	22,728.5	724.5
Sampson	16,248.0	6,773.0	1,153.0	15,113.0	5,044.0	1,331.0	13,263.5	5,943.0	1,150.0
Sandhills	33,291.0	10,826.0	4,275.0	35,296.0	9,897.0	3,571.0	34,001.5	8,754.0	3,022.0
South Piedmont	20,743.0	10,037.0	2,734.0	21,738.0	9,058.5	1,016.0	19,191.0	7,067.0	1,414.0
Southeastern	12,210.5	6,370.5	2,044.0	13,489.5	7,720.0	2,446.5	14,757.0	6,517.0	2,719.0
Southwestern	15,924.5	8,064.5	1,542.5	16,640.5	8,163.0	1,192.5	13,299.5	8,116.5	1,982.0
Stanly	14,989.5	8,699.5	144.0	18,754.5	8,109.0	326.0	20,249.5	7,400.5	651.0
Surry	28,518.0	15,243.0	3,461.5	28,893.5	11,777.0	6,196.0	26,644.0	13,062.0	6,083.0
Tri-County	7,037.0	6,187.0	353.0	6,577.0	5,901.5	-	8,734.0	5,479.0	-
Vance-Granville	23,099.0	16,672.0	1,100.5	25,353.0	19,101.0	717.0	24,660.0	19,400.5	564.0
Wake	112,780.5	58,003.0	5,117.0	101,082.0	52,639.0	4,948.5	91,348.5	47,285.5	5,363.5
Wayne	20,708.0	16,078.5	5,081.5	20,105.5	17,323.0	4,318.0	18,459.5	18,562.5	3,484.0
Western Piedmont	27,928.0	10,321.5	1,084.0	28,986.0	7,473.0	2,897.0	23,348.0	8,121.0	2,409.5
Wilkes	28,600.0	9,217.5	1,333.0	28,428.0	9,187.5	1,894.0	24,558.0	7,153.5	1,975.0
Wilson	12,462.5	7,420.0	1,344.0	12,315.0	7,569.0	2,184.0	12,738.0	6,360.0	2,107.0
<b>Subtotal</b>	<b>1,827,627.0</b>	<b>807,530.5</b>	<b>165,766.5</b>	<b>1,801,476.5</b>	<b>788,487.5</b>	<b>179,509.5</b>	<b>1,594,175.0</b>	<b>680,386.5</b>	<b>135,774.0</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	11,457.0	3,138.0	558.0	11,418.5	3,416.0	514.0	11,460.0	3,311.0	549.0
Campbell	51,982.0	5,221.0	5,621.5	53,308.0	6,275.0	4,886.5	50,495.0	6,098.5	6,813.5
Mars Hill	11,836.0	3,422.0	1,429.5	12,429.0	3,474.0	1,844.5	10,020.0	4,576.0	2,756.0
Pfeiffer	12,290.0	2,099.0	834.5	11,574.5	1,950.0	815.5	17,990.5	3,009.5	1,071.0
<b>Subtotal</b>	<b>87,565.0</b>	<b>13,880.0</b>	<b>8,443.5</b>	<b>88,730.0</b>	<b>15,115.0</b>	<b>8,060.5</b>	<b>89,965.5</b>	<b>16,995.0</b>	<b>11,189.5</b>
<b>Grand Total</b>	<b>3,931,809.0</b>	<b>1,234,635.5</b>	<b>348,567.5</b>	<b>3,886,577.0</b>	<b>1,212,701.5</b>	<b>356,053.0</b>	<b>3,643,522.0</b>	<b>1,103,093.5</b>	<b>310,489.0</b>

## TABLE 9: SPACE FACTORS

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

$$\text{Classroom Space Factor} = \frac{21}{21.4 \times .614} = 1.60$$

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				
	2010	2009	2008	2007	2006	2010	2009	2008	2007	2006	2010	2009	2008	2007	2006
<b>Public Institutions</b>															
<b>Research Universities I</b>															
NC State	0.83	0.83	0.82	0.84	0.77	3.46	3.55	4.27	4.51	3.93	1.32	1.34	1.45	1.50	1.28
UNC-Chapel Hill	1.03	1.02	1.07	0.99	1.00	4.59	4.77	3.86	4.06	3.80	1.29	1.29	1.32	1.22	1.22
<b>Subtotal</b>	<b>0.92</b>	<b>0.92</b>	<b>0.93</b>	<b>0.90</b>	<b>0.87</b>	<b>3.71</b>	<b>3.81</b>	<b>4.16</b>	<b>4.41</b>	<b>3.90</b>	<b>1.31</b>	<b>1.32</b>	<b>1.40</b>	<b>1.39</b>	<b>1.26</b>
<b>Doctoral Universities I and II</b>															
East Carolina	0.86	0.88	0.87	0.93	0.87	3.46	3.43	4.16	4.06	3.52	1.29	1.31	1.38	1.45	1.34
NC A&T	1.40	1.45	1.28	1.31	1.27	7.24	8.08	7.42	10.13	6.83	2.47	2.51	2.22	2.57	2.27
UNC Charlotte	0.73	0.76	0.82	0.80	0.71	3.14	3.42	3.43	3.22	3.19	1.14	1.25	1.30	1.24	1.17
UNC Greensboro	0.75	0.74	0.78	0.72	0.73	3.96	3.64	3.47	3.44	3.58	1.18	1.14	1.17	1.13	1.17
<b>Subtotal</b>	<b>0.86</b>	<b>0.88</b>	<b>0.89</b>	<b>0.89</b>	<b>0.85</b>	<b>4.02</b>	<b>4.05</b>	<b>4.18</b>	<b>4.34</b>	<b>3.96</b>	<b>1.38</b>	<b>1.41</b>	<b>1.42</b>	<b>1.46</b>	<b>1.39</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>															
Appalachian	0.86	0.87	0.90	0.97	1.01	2.44	2.50	2.50	2.70	3.15	1.18	1.19	1.22	1.31	1.43
Fayetteville	1.08	1.01	1.40	0.96	0.80	3.20	2.82	3.59	2.66	2.44	1.52	1.34	1.82	1.30	1.19
NC Central	1.40	1.27	1.32	1.24	1.30	3.24	3.36	4.01	3.48	4.46	1.74	1.61	1.71	1.59	1.71
UNC Pembroke	1.15	1.18	1.23	1.20	1.05	3.36	3.00	3.76	3.77	3.94	1.38	1.39	1.48	1.45	1.38
UNC Wilmington	1.00	0.85	0.83	0.77	0.69	2.82	2.64	2.46	2.53	2.38	1.30	1.17	1.13	1.07	0.95
Western Carolina	1.08	1.12	1.17	1.03	1.12	3.51	4.64	5.06	4.41	4.98	1.59	1.83	1.92	1.62	1.74
Winston-Salem	1.27	1.20	1.24	1.44	1.36	3.73	3.94	3.71	4.29	3.50	1.78	1.71	1.74	1.99	1.89
<b>Subtotal</b>	<b>1.06</b>	<b>1.02</b>	<b>1.07</b>	<b>1.03</b>	<b>1.00</b>	<b>3.00</b>	<b>3.13</b>	<b>3.26</b>	<b>3.19</b>	<b>3.35</b>	<b>1.42</b>	<b>1.40</b>	<b>1.47</b>	<b>1.41</b>	<b>1.42</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>															
Elizabeth City	1.76	1.79	1.87	1.88	1.86	5.41	4.61	4.84	5.10	4.71	2.72	2.58	2.69	2.74	2.66
UNC Asheville	1.16	1.18	1.23	1.16	1.02	4.65	4.80	3.77	3.25	3.67	1.78	1.80	1.75	1.62	1.58
<b>Subtotal</b>	<b>1.41</b>	<b>1.43</b>	<b>1.50</b>	<b>1.47</b>	<b>1.38</b>	<b>5.06</b>	<b>4.69</b>	<b>4.33</b>	<b>4.17</b>	<b>4.22</b>	<b>2.19</b>	<b>2.15</b>	<b>2.17</b>	<b>2.12</b>	<b>2.07</b>
<b>Schools of Art, Music, and Design</b>															
UNC School of the Arts	3.48	3.11	3.25	3.08	3.16	4.83	4.89	4.50	4.92	5.69	4.37	4.23	4.08	4.26	4.66
<b>Subtotal</b>	<b>3.48</b>	<b>3.11</b>	<b>3.25</b>	<b>3.08</b>	<b>3.16</b>	<b>4.83</b>	<b>4.89</b>	<b>4.50</b>	<b>4.92</b>	<b>5.69</b>	<b>4.37</b>	<b>4.23</b>	<b>4.08</b>	<b>4.26</b>	<b>4.66</b>
<b>Community Colleges</b>															
Alamance	1.64	1.78	1.61	1.68	1.37	3.34	3.33	4.11	3.40	2.82	2.14	2.35	2.36	2.35	1.95
Asheville-Buncombe	2.05	2.04	2.41	2.18	2.30	5.22	4.62	5.16	4.61	6.54	3.25	3.08	3.57	3.13	3.16
Beaufort Co.	2.74	3.39	3.40	4.30	4.67	6.65	6.75	8.05	8.28	8.25	4.16	4.66	5.05	5.88	6.18
Bladen	1.91	1.86	2.76	2.74	2.34	4.04	5.65	5.47	5.24	8.00	2.70	3.00	3.89	3.80	4.00
Blue Ridge	3.91	3.20	4.13	3.35	3.03	13.09	8.94	13.47	13.77	10.93	6.61	5.15	6.92	6.10	5.30
Brunswick	3.02	2.65	2.48	2.91	3.00	5.05	4.72	4.78	7.56	9.35	3.57	3.19	3.10	3.82	4.09
Caldwell	2.26	2.34	2.50	2.96	2.53	4.97	4.04	5.69	6.53	5.10	3.00	2.90	3.43	4.06	3.30
Cape Fear	1.53	1.52	1.44	1.85	1.70	3.16	3.15	3.43	3.78	4.19	2.18	2.19	2.25	2.64	2.60
Carteret	2.64	3.10	3.13	3.37	3.52	7.47	7.78	8.73	10.05	9.89	4.19	4.70	4.95	5.44	5.66
Catawba Valley	1.83	1.58	1.84	1.80	1.55	3.91	4.14	5.85	5.65	4.86	2.76	2.57	3.32	3.21	2.75
Central Carolina	2.81	2.50	3.55	3.32	2.95	5.87	4.94	6.82	6.92	5.58	3.69	3.23	4.54	4.36	3.74
Central Piedmont	2.09	1.82	1.93	2.18	2.45	7.42	6.11	7.44	7.12	6.74	2.93	2.50	2.71	2.95	3.45
Cleveland	2.06	1.97	2.52	2.05	1.96	3.59	3.89	5.13	5.01	4.60	2.69	2.71	3.45	3.07	2.90
Coastal Carolina	1.75	1.53	1.93	1.98	2.12	4.24	4.04	4.88	4.78	4.16	2.58	2.32	2.88	2.91	2.90
Coll. of Albemarle	2.94	3.20	3.34	3.76	4.00	6.59	6.62	9.70	8.89	9.01	3.90	4.14	5.10	5.37	5.63
Craven	2.13	2.72	2.74	3.04	2.44	6.91	6.16	8.48	8.07	5.70	3.40	4.03	4.58	4.52	3.49
Davidson County	2.10	2.37	2.49	2.10	2.06	4.33	3.97	6.22	5.27	5.50	2.81	2.92	3.51	2.98	2.96
Durham	1.72	1.55	1.82	1.84	2.25	4.98	5.92	5.42	6.17	6.81	2.54	2.45	2.70	2.84	3.36
Edgecombe	1.45	1.70	2.26	2.89	2.09	3.24	3.44	4.57	5.29	5.16	2.07	2.35	3.11	3.87	3.16
Fayetteville	2.11	1.87	1.91	2.06	1.94	5.16	4.94	5.66	4.94	5.15	3.02	2.75	2.88	2.88	2.78
Forsyth	1.58	1.51	1.97	2.30	2.57	4.04	4.41	5.30	6.63	6.97	2.37	2.42	3.08	3.50	3.93
Gaston	1.93	2.20	2.19	1.83	1.90	4.65	4.09	5.17	5.58	6.34	2.65	2.77	2.96	2.76	3.00
Guilford	1.37	1.42	1.42	1.79	1.65	5.83	5.86	4.94	6.03	5.38	2.11	2.16	2.09	2.62	2.43
Halifax	2.67	2.77	3.57	4.94	3.98	5.34	5.28	7.01	7.74	12.74	3.58	3.65	4.73	6.01	6.12
Haywood	2.93	3.10	2.62	3.28	2.74	6.54	5.50	6.52	7.09	6.24	5.05	4.48	4.55	5.19	4.38
Isothermal	2.59	2.18	2.68	2.78	1.63	3.33	3.28	4.25	3.86	3.09	2.97	2.70	3.40	3.36	2.31
James Sprunt	2.53	2.75	3.42	3.20	3.29	5.00	4.84	6.51	6.47	4.47	3.17	3.36	4.27	4.13	3.72
Johnston	2.20	2.69	3.23	2.44	2.67	5.58	6.52	9.24	8.45	9.46	3.01	3.63	4.58	3.69	4.12
Lenoir	2.89	2.79	3.08	3.68	2.90	5.27	4.75	4.70	6.64	4.71	3.56	3.35	3.55	4.57	3.48
Martin	3.92	5.07	4.67	8.76	6.29	6.39	7.77	11.29	10.73	10.48	5.09	6.29	7.27	9.84	8.44
Mayland	3.18	3.11	3.95	4.98	4.34	5.47	5.15	6.06	6.20	6.22	3.83	3.51	4.40	5.27	4.74
McDowell	5.00	4.33	4.16	5.43	2.71	4.18	4.12	5.60	5.48	3.88	4.54	4.22	4.83	5.45	3.38
Mitchell	1.88	1.96	2.19	2.04	2.33	4.93	5.60	6.20	6.32	6.42	2.46	2.63	2.95	2.85	3.22
Montgomery	3.23	2.97	2.40	3.74	2.49	4.81	4.96	4.69	5.15	5.01	3.87	3.68	3.14	4.54	3.70
Nash	2.24	1.92	2.13	2.48	2.31	4.36	4.66	5.09	8.70	5.81	2.86	2.60	2.85	3.60	3.12
Pamlico	4.70	4.56	4.79	4.33	3.53	7.22	6.82	8.24	8.57	6.46	5.54	5.33	5.85	5.65	4.62
Piedmont	2.44	2.30	2.25	2.07	2.49	2.89	3.06	3.30	3.49	3.60	2.63	2.60	2.66	2.58	2.94
Pitt	1.04	1.00	1.04	1.08	1.08	3.12	2.86	2.86	3.26	3.24	1.64	1.51	1.58	1.69	1.67
Randolph	1.92	2.08	2.21	2.62	2.60	8.09	6.48	6.06	6.80	5.99	3.38	3.55	3.50	3.84	3.61

**Table 9. Space Factors**

Institution	Classrooms					Laboratories					Teaching Areas				
	2010	2009	2008	2007	2006	2010	2009	2008	2007	2006	2010	2009	2008	2007	2006
Richmond	2.06	1.95	1.67	2.90	2.18	4.06	5.56	6.59	8.00	8.25	2.76	2.96	2.75	4.30	3.49
Roanoke-Chowan	2.54	2.89	2.91	3.10	2.79	5.71	5.78	8.52	8.35	8.14	3.54	3.88	4.35	4.96	4.65
Robeson	1.31	1.20	1.43	1.35	1.97	3.31	3.39	4.41	4.87	4.32	1.92	1.85	2.32	2.29	2.70
Rockingham	1.72	1.71	2.03	2.41	2.40	7.34	7.38	7.91	9.13	10.92	3.22	3.17	3.68	4.22	4.40
Rowan-Cabarrus	1.57	1.21	1.86	1.64	1.41	2.88	3.08	3.72	3.95	3.73	2.08	1.88	2.57	2.49	2.21
Sampson	1.93	2.03	2.31	2.73	2.30	5.11	6.48	5.50	6.74	5.91	2.87	3.14	3.30	3.92	3.24
Sandhills	2.09	1.94	2.09	1.89	2.04	4.86	5.22	5.83	6.70	6.34	2.77	2.66	2.86	2.71	2.84
South Piedmont	1.78	1.63	1.85	1.62	1.87	3.74	4.14	5.31	3.57	4.63	2.42	2.37	2.78	2.33	2.76
Southeastern	3.76	2.99	2.82	3.10	2.44	5.44	4.40	5.21	6.79	5.79	4.33	3.50	3.55	4.17	3.37
Southwestern	2.40	2.23	2.73	3.40	2.73	4.58	4.52	4.54	6.13	5.31	3.13	2.99	3.42	4.38	3.63
Stanly	2.43	1.99	1.79	1.91	2.16	4.13	4.50	4.93	4.76	5.04	3.06	2.75	2.63	2.73	3.06
Surry	2.31	2.28	2.43	2.17	2.30	4.43	5.74	5.25	5.70	4.97	3.05	3.28	3.36	3.17	3.20
Tri-County	4.41	4.74	3.56	4.24	4.26	5.46	5.53	5.88	5.53	5.50	4.90	5.11	4.45	4.77	4.77
Vance-Granville	2.41	2.22	2.41	2.32	1.77	3.93	3.44	3.82	3.89	4.27	3.05	2.74	3.03	2.99	2.63
Wake	1.46	1.48	1.48	1.82	1.58	3.08	3.32	3.25	4.77	4.63	2.01	2.11	2.09	2.76	2.55
Wayne	2.03	2.09	2.27	2.12	1.61	3.41	3.16	2.95	2.70	3.31	2.63	2.59	2.61	2.41	2.26
Western Piedmont	2.13	2.13	1.99	2.41	2.32	5.05	5.65	4.76	5.65	5.90	2.92	2.85	2.70	3.31	3.28
Wilkes	2.01	2.02	2.51	2.77	1.76	6.05	6.00	7.10	7.57	4.36	2.99	2.99	3.55	3.94	2.51
Wilson	3.22	2.93	2.78	2.51	2.19	4.86	5.29	6.36	6.40	5.99	3.83	3.83	3.97	3.71	3.41
<b>Subtotal</b>	<b>1.99</b>	<b>1.95</b>	<b>2.13</b>	<b>2.27</b>	<b>2.17</b>	<b>4.62</b>	<b>4.59</b>	<b>5.24</b>	<b>5.55</b>	<b>5.41</b>	<b>2.80</b>	<b>2.76</b>	<b>3.06</b>	<b>3.26</b>	<b>3.13</b>
<b>Private Institutions</b>															
<b>NC Private Universities</b>															
Barton	2.44	2.45	2.44	2.34	2.30	5.46	5.01	5.17	6.46	5.98	3.09	3.04	3.05	3.13	3.04
Campbell	1.67	1.69	1.47	1.61	1.06	5.61	4.23	3.61	2.87	2.51	2.03	1.96	1.70	1.79	1.23
Mars Hill	3.06	2.91	2.51	2.55	2.60	8.19	8.07	5.18	7.63	6.65	4.21	4.04	3.35	3.47	3.43
Pfeiffer	3.03	3.22	2.05	3.02	3.07	9.74	10.49	6.80	7.04	6.88	4.01	4.27	2.73	3.79	3.83
<b>Subtotal</b>	<b>2.15</b>	<b>2.16</b>	<b>1.83</b>	<b>2.07</b>	<b>1.67</b>	<b>6.84</b>	<b>6.10</b>	<b>4.90</b>	<b>5.10</b>	<b>4.63</b>	<b>2.79</b>	<b>2.73</b>	<b>2.31</b>	<b>2.56</b>	<b>2.12</b>
<b>Grand Total</b>	<b>1.47</b>	<b>1.45</b>	<b>1.51</b>	<b>1.55</b>	<b>1.49</b>	<b>4.33</b>	<b>4.32</b>	<b>4.74</b>	<b>4.95</b>	<b>4.81</b>	<b>2.16</b>	<b>2.13</b>	<b>2.26</b>	<b>2.33</b>	<b>2.26</b>

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

Classification	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
<b>Classrooms</b>									
<b>Public Institutions</b>									
Research Universities I	28.2	26.2	24.6	66.7	66.2	65.7	1.03	0.92	0.83
Doctoral Universities I and II	36.7	29.2	21.5	70.0	64.2	57.4	1.40	0.86	0.73
Master's (Comprehensive) Universities I	34.3	29.1	22.4	68.3	61.4	50.2	1.40	1.06	0.86
Baccalaureate (Liberal Arts) Universities	30.2	23.0	16.4	60.7	56.5	51.6	1.76	1.41	1.16
Schools of Art, Music, and Design*	10.2	10.2	10.2	60.9	60.9	60.9	3.48	3.48	3.48
Community Colleges	33.7	18.7	8.8	75.7	60.0	39.4	5.00	1.99	1.04
<b>Private Institutions</b>									
NC Private Universities	18.8	16.4	13.8	52.5	47.9	36.9	3.06	2.15	1.67
<b>Grand Total</b>									
State Range	36.7	21.4	8.8	75.7	61.4	36.9	5.00	1.47	0.73
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
<b>Class Laboratories</b>									
<b>Public Institutions</b>									
Research Universities I	12.6	11.6	9.5	84.0	81.8	75.2	4.59	3.71	3.46
Doctoral Universities I and II	16.8	12.8	6.2	72.6	64.2	56.1	7.24	4.02	3.14
Master's (Comprehensive) Universities I	21.9	17.2	13.2	77.0	68.0	50.0	3.73	3.00	2.44
Baccalaureate (Liberal Arts) Universities	13.9	11.1	9.3	65.1	57.0	51.6	5.41	5.06	4.65
Schools of Art, Music, and Design*	15.2	15.2	15.2	60.8	60.8	60.8	4.83	4.83	4.83
Community Colleges	24.2	15.6	9.9	75.7	62.1	36.9	13.09	4.62	2.88
<b>Private Institutions</b>									
NC Private Universities	11.5	9.1	5.7	70.2	49.1	42.5	9.74	6.84	5.46
<b>Grand Total</b>									
State Range	24.2	14.9	5.7	84.0	63.9	36.9	13.09	4.33	2.44
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**

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**200 Series - Laboratory Facilities** - Two types of laboratory space were studied:

210 - Class Laboratory - This includes only those laboratories that are used for regularly scheduled instruction. Excluded are areas classified as 215-Class Laboratory Service, 220-Open Laboratory (irregularly scheduled), and 225-Open Laboratory Service.

250 - Research/Nonclass Laboratory - Based again on typical industry reporting standards, this analysis also includes space classified as 255-Research/Nonclass Laboratory Service as an aggregate for calculations. Only 250/255 space further classified under the Program Codes for Research (codes 21 and 22) are used in the calculations.

**300 - Office Facilities** - Recommendations for office space standards aggregate inventoried square footages for the four Room Use Codes in the 300-series: 310-Office, 315-Office Service, 350-Conference Room, and 355-Conference Room Service. This is again in accordance with recently inventoried space standards for higher education systems and institutions throughout the country.

**400 - Study Facilities** - For study facilities, separate figures for predicted space are calculated for 410-Study Room, 420-Stack, 430-Open-Stack Study Room (using an assumption of an equal assignment of space to stack and study area within the formula), 440-Processing Room, and 455-Study Service. For surplus/deficit estimations, these figures are aggregated to study, stack, and service space and then subset under Program Code 41-Library Services for application to campus central libraries (i.e., excludes departmental libraries and study areas within residential and other buildings).

### CLASSROOM (110) STANDARDS

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



## 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**

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

*Central Libraries only (Program Code 41)*

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

## **TABLE 12:**

### **ENROLLMENTS**

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

#### **FTE Enrollment**

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, 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 2006-2009, 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 2010, 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 2002, 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 2000 through 2012, using enrollment data and demographic studies from the years 1988 to 2000.\* Highlights of these projections are presented here.

### All Higher Education Institutions

Between 1990 and 1992, higher education enrollment increased from 13.8 million to 14.5 million, a growth of five percent. In 1995, enrollment dropped to 14.3 million. It then increased from 14.4 million in 1996 to an estimated 15.3 million in 2000, an increase of six percent over the period. This enrollment is expected to increase to 17.7 million by the year 2012, an increase of 15 percent from 2000.

### Enrollments by Gender of Student

Women played a major role in the increase of enrollment between 1990-2000. Enrollment of women increased from 7.5 million in 1990 to 8.6 million in 2000 (14 percent). This number is projected to increase to 10.1 million by the year 2012, or an additional 18 percent. Enrollment of men fluctuated between 6.3 million and 6.7 million between 1990 and 2000. This number is expected to increase to 7.5 million by 2012, a growth of 12 percent over the period. Women's share of college enrollments is projected to be 57% by 2012.

### Enrollments in Public and Private Institutions

From 1990 to 1992, public institution enrollment grew from 10.8 million to 11.4 million. Enrollment then decreased to 11.1 million in 1995 followed by a rise to 11.8 million in 2000, for a net increase of eight percent over the period. This figure is expected to increase by another 15 percent to 13.5 million by the year 2012. Enrollment in private institutions grew from 3.0 million in 1990 to 3.6 million in 2000, an increase of 20 percent. Private enrollment is projected to reach a high of 4.1 million by 2012, which is an additional 16 percent growth.

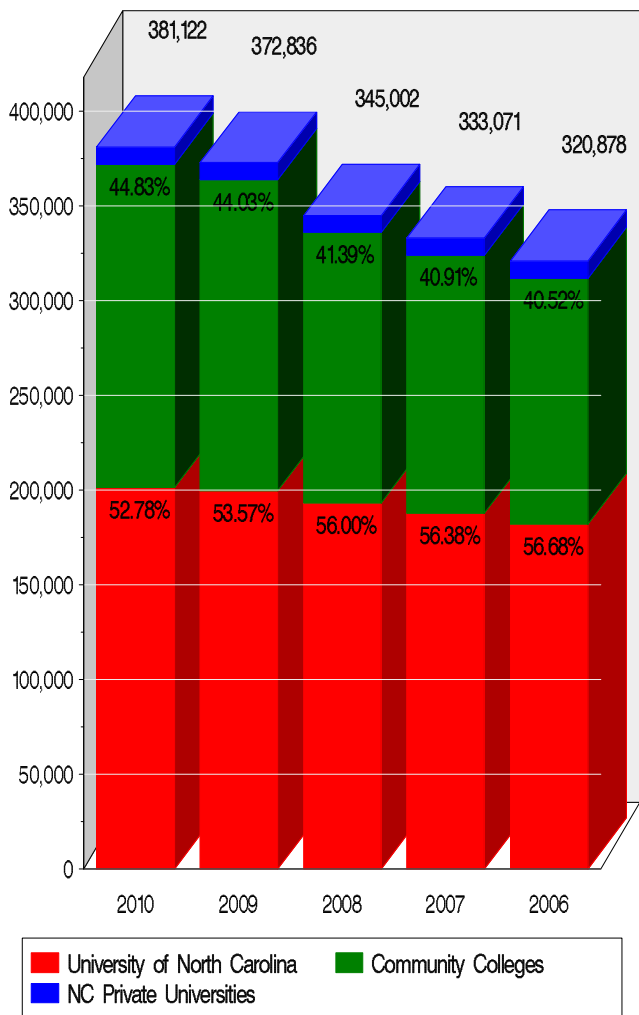
North Carolina institutions experienced a headcount enrollment increase of 1.4 percent in 2010. Public institutions showed a 0.9 percent increase, while private enrollments increased this year by 2.8 percent. Enrollments for men increased by 0.4 percent and women decreased by 0.8 percent. North Carolina's 2010 part-time enrollment decreased by 0.2 percent while the state's full-time enrollment increased by 1.3 percent.

\*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2012*; U.S. Department of Education, National Center for Education Statistics, 2002.

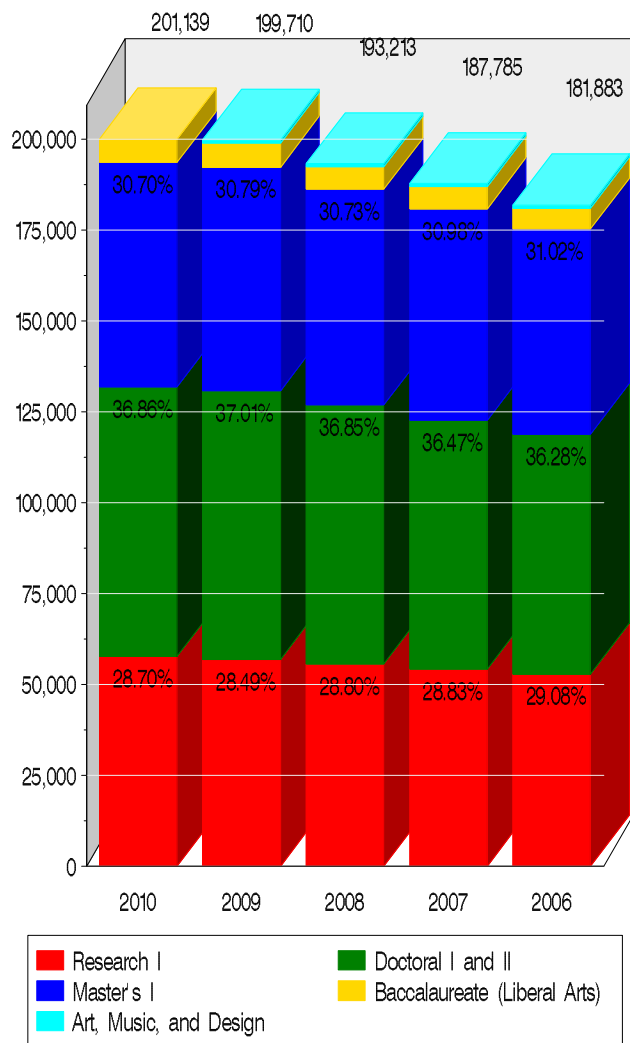
**Table 12. Summary of FTE Enrollment**

	2010	2009	2008	2007	2006
<b>Public Institutions</b>					
Research Universities I	57,726	56,897	55,651	54,141	52,884
Doctoral Universities I and II	74,132	73,917	71,201	68,476	65,982
Master's (Comprehensive) Universities and Colleges I	61,747	61,490	59,372	58,174	56,419
Baccalaureate (Liberal Arts) Universities and Colleges I and II	6,674	6,544	6,119	6,130	5,761
Schools of Art, Music, and Design	860	862	870	864	837
Community Colleges	170,874	164,172	142,790	136,272	130,018
<b>Private Institutions</b>					
NC Private Universities	9,109	8,954	8,999	9,014	8,977
	<b>381,122</b>	<b>372,836</b>	<b>345,002</b>	<b>333,071</b>	<b>320,878</b>

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



**UNC Institutions Only  
By Level**



**Table 12. FTE Enrollments by Institution**

Institution	2010 On-Campus	2009 Total Public Institutions	2009 On-Campus	2008 On-Campus	2007 On-Campus	2006 On-Campus
<b>Research Universities I</b>						
NC State	30,396	-	29,875	28,984	27,935	27,098
NC State Veterinary Med	310	-	316	311	311	304
UNC-Chapel Hill	22,420	-	22,533	22,373	22,025	21,673
UNC-Chapel Hill Health Aff.	4,600	-	4,173	3,983	3,870	3,809
<b>Subtotal</b>	<b>57,726</b>	<b>-</b>	<b>56,897</b>	<b>55,651</b>	<b>54,141</b>	<b>52,884</b>
<b>Doctoral Universities I and II</b>						
East Carolina	22,727	-	22,396	22,485	21,211	20,014
East Carolina Health Aff.	2,163	-	2,147	2,044	1,926	1,805
NC A&T	9,983	-	9,791	9,563	9,734	10,338
UNC Charlotte	22,285	-	21,910	20,612	19,716	18,855
UNC Greensboro	16,974	-	17,673	16,497	15,889	14,970
<b>Subtotal</b>	<b>74,132</b>	<b>-</b>	<b>73,917</b>	<b>71,201</b>	<b>68,476</b>	<b>65,982</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>						
Appalachian	16,387	-	16,153	15,749	15,048	14,292
Fayetteville	5,035	-	5,445	5,366	5,735	5,498
NC Central	7,812	-	7,729	7,251	7,477	7,292
UNC Pembroke	6,052	-	5,822	5,415	5,147	4,946
UNC Wilmington	12,213	-	12,060	11,742	11,357	11,255
Western Carolina	8,312	-	8,251	7,796	7,949	7,868
Winston-Salem	5,936	-	6,030	6,053	5,461	5,268
<b>Subtotal</b>	<b>61,747</b>	<b>-</b>	<b>61,490</b>	<b>59,372</b>	<b>58,174</b>	<b>56,419</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>						
Elizabeth City	3,112	-	3,077	2,904	2,834	2,515
UNC Asheville	3,562	-	3,467	3,215	3,296	3,246
<b>Subtotal</b>	<b>6,674</b>	<b>-</b>	<b>6,544</b>	<b>6,119</b>	<b>6,130</b>	<b>5,761</b>
<b>Schools of Art, Music, and Design</b>						
UNC School of the Arts	860	(269)	862	870	864	837
<b>Subtotal</b>	<b>860</b>	<b>(269)</b>	<b>862</b>	<b>870</b>	<b>864</b>	<b>837</b>
<b>Community Colleges</b>						
Alamance	3,592	(4,326)	3,570	2,860	2,658	3,026
Asheville-Buncombe	5,670	(6,160)	5,358	4,706	4,434	4,210
Beaufort Co.	1,320	(1,634)	1,312	1,110	1,030	986
Bladen	1,612	(1,642)	1,474	1,192	768	1,084
Blue Ridge	1,586	(1,950)	1,664	1,336	1,260	1,340
Brunswick	1,034	(1,272)	1,140	1,020	996	866
Caldwell	3,060	(3,990)	3,154	2,606	2,446	2,504
Cape Fear	6,896	(8,060)	6,568	5,764	5,894	5,614
Carteret	1,152	(1,500)	1,170	1,000	998	1,052
Catawba Valley	3,542	(4,490)	3,528	3,260	3,282	3,528
Central Carolina	3,874	(4,398)	3,816	3,136	3,118	1,744
Central Piedmont	11,180	(14,392)	10,810	10,406	10,064	8,828
Cleveland	2,364	(3,284)	2,334	2,228	2,088	2,216
Coastal Carolina	3,132	(4,102)	3,050	2,752	2,572	2,514
Coll. of Albemarle	1,482	(2,204)	1,502	1,316	1,238	1,172
Craven	2,000	(2,724)	1,906	1,662	1,628	1,798
Davidson County	3,540	(3,542)	3,368	2,848	2,654	2,396
Durham	3,402	(3,922)	3,196	2,842	2,888	2,934
Edgecombe	2,040	(2,852)	1,890	1,322	1,172	1,370
Fayetteville	8,054	(8,342)	8,018	7,554	7,100	7,302
Forsyth	7,030	(7,658)	6,426	5,366	5,046	4,762
Gaston	5,174	(5,450)	5,218	4,010	3,940	3,540
Guilford	10,630	(12,222)	9,636	8,004	7,538	6,876
Halifax	1,186	(1,596)	1,178	960	862	970
Haywood	1,428	(2,052)	1,178	1,158	1,158	1,168
Isothermal	1,842	(2,298)	1,910	1,436	1,440	1,476
James Sprunt	1,124	(1,208)	1,216	902	864	846
Johnston	2,842	(3,900)	2,560	2,796	2,656	2,340
Lenoir	2,670	(2,864)	2,556	2,154	2,022	1,838
Martin	688	(726)	664	490	512	520
Mayland	840	(1,122)	808	740	726	716
McDowell	1,296	(1,344)	1,268	1,024	846	910
Mitchell	2,302	(2,800)	2,192	1,876	1,682	1,338
Montgomery	682	(706)	686	672	708	676

**Table 12. FTE Enrollments by Institution**

Institution	2010		2009	2008	2007	2006
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
Nash	2,280	(2,392)	2,010	1,792	1,726	1,604
Pamlico	178	(444)	228	176	216	176
Piedmont	2,024	(2,296)	2,090	1,886	1,838	1,704
Pitt	6,256	(6,884)	5,526	4,910	4,520	4,354
Randolph	1,892	(2,460)	1,690	1,346	1,322	1,284
Richmond	1,756	(1,776)	1,544	1,322	1,332	1,224
Roanoke-Chowan	594	(756)	546	458	514	698
Robeson	2,218	(2,338)	2,320	1,976	1,912	1,910
Rockingham	2,042	(2,044)	2,020	1,670	1,632	1,618
Rowan-Cabarrus	4,990	(6,006)	4,950	4,054	3,892	3,428
Sampson	1,238	(1,312)	1,190	1,010	926	1,050
Sandhills	2,898	(3,604)	2,806	2,474	2,468	2,368
South Piedmont	1,270	(1,936)	1,122	998	1,116	1,092
Southeastern	1,378	(1,874)	1,558	1,448	1,300	1,376
Southwestern	1,478	(2,056)	1,388	1,334	1,248	1,100
Stanly	2,296	(2,496)	2,314	1,888	1,734	1,504
Surry	2,748	(2,758)	2,776	2,672	2,514	2,256
Tri-County	770	(1,050)	744	674	640	542
Vance-Granville	3,092	(3,248)	3,084	2,388	2,254	2,584
Wake	10,394	(13,290)	9,216	8,386	7,682	6,554
Wayne	2,932	(3,224)	2,732	2,388	2,002	2,020
Western Piedmont	2,214	(2,822)	2,322	1,836	2,178	2,134
Wilkes	2,532	(2,546)	2,536	2,174	2,008	1,872
Wilson	1,138	(1,702)	1,136	1,022	1,010	1,106
<b>Subtotal</b>	<b>170,874</b>	<b>(202,046)</b>	<b>164,172</b>	<b>142,790</b>	<b>136,272</b>	<b>130,018</b>
<b>Private Institutions</b>						
<b>NC Private Universities</b>						
Barton	1,041	-	1,017	1,030	1,006	1,012
Campbell	5,265	-	5,047	5,076	5,136	5,046
Mars Hill	1,139	-	1,197	1,200	1,209	1,211
Pfeiffer	1,664	-	1,693	1,693	1,663	1,708
<b>Subtotal</b>	<b>9,109</b>	<b>-</b>	<b>8,954</b>	<b>8,999</b>	<b>9,014</b>	<b>8,977</b>
<b>Grand Total</b>	<b>381,122</b>	<b>(202,315)</b>	<b>372,836</b>	<b>345,002</b>	<b>333,071</b>	<b>320,878</b>





**Stallings-Evans Sports Medicine Center, University of North Carolina at Chapel Hill**

The new Stallings-Evans Sports Medicine Center at the University of North Carolina at Chapel Hill opened its doors to students in Fall 2010. The \$8.3 million renovation and construction of the space formerly known as Women’s Gym between Woollen and Fetzer Gyms was funded with a combination of private gifts and contributions from the Division of Student Affairs, department of athletics, and College of Arts and Sciences. The University’s sports medicine facilities were previously in the campus’s Fetzer Gym in a 2,500 square-foot space. The new center was built next door to Fetzer with the conversion of the 70-year-old “Women’s Gym” into a 4,800 square-foot athletic training room and the addition of a 3,000 square-foot hydrotherapy room and lobby, both on the first floor. The top two floors house faculty and staff offices, a large conference room/classroom and the Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center, where University researchers conduct cutting-edge science on sports-related concussion and traumatic brain injury. The center is staffed with 11 full-time and three part-time athletic trainers. The facility provides athletic training and sports medicine services for the 800 student-athletes who participate in nearly all 28 varsity sports, plus hundreds more student-athletes who are involved in club sports and intramural activities through campus recreation programs.

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## 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 (6,177 sq. ft.), Central Piedmont Community College (1,115,530 sq. ft.), Appalachian State University (281,400), UNC at Wilmington (308,801), N. C. State University (1,898,435 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 (1,563,552), 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 (63.3%), Central Piedmont Community College (63.3%), N.C. State University (62.2%), UNC at Chapel Hill-Health Affairs (55.1%), UNC at Chapel Hill Academic Affairs (61.0%), UNC at Charlotte (57.4%), UNC at Greensboro (57.0%), Appalachian State University (62.1%), UNC at Wilmington (63.1%), UNC at Asheville (66.3%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average \$197 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .589. This means that new construction costs are approximately \$340 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$197}{.579} = \$340$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$340 in new construction costs.

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

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2010	2009	2008	2007	2006
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	15,064,921	8,189,335	54.4	55.5	58.7	58.3	60.0
NC State Veterinary Med	548,142	350,945	64.0	64.1	64.2	64.2	65.3
UNC-Chapel Hill	12,604,939	6,899,875	54.7	56.6	56.9	56.6	59.9
UNC-Chapel Hill Health Aff.	6,176,910	2,463,286	39.9	39.9	39.6	37.9	36.9
<b>Subtotal</b>	<b>34,394,912</b>	<b>17,903,441</b>	<b>52.1</b>	<b>53.1</b>	<b>54.4</b>	<b>54.1</b>	<b>55.7</b>
<b>Doctoral Universities I and II</b>							
East Carolina	4,782,275	3,268,502	68.3	68.7	69.0	68.9	68.9
East Carolina Health Aff.	1,362,021	763,605	56.1	59.0	61.0	60.8	60.4
NC A&T	3,034,687	2,144,920	70.7	71.5	71.6	71.9	72.2
UNC Charlotte	6,747,768	2,966,902	44.0	44.0	44.8	47.2	52.2
UNC Greensboro	5,581,592	2,575,222	46.1	46.2	43.8	47.7	54.4
<b>Subtotal</b>	<b>21,508,343</b>	<b>11,719,151</b>	<b>54.5</b>	<b>54.9</b>	<b>54.7</b>	<b>56.7</b>	<b>60.5</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>							
Appalachian	4,329,852	2,515,691	58.1	58.6	58.7	63.4	63.4
Fayetteville	1,250,626	734,179	58.7	58.6	60.6	60.5	63.7
NC Central	2,156,262	1,365,286	63.3	63.3	63.2	63.2	63.2
UNC Pembroke	1,344,071	874,179	65.0	65.1	65.3	66.1	65.3
UNC Wilmington	3,757,338	2,176,920	57.9	66.8	67.2	67.5	67.2
Western Carolina	2,990,480	1,940,454	64.9	65.1	65.8	65.7	65.5
Winston-Salem	1,754,068	1,085,813	61.9	63.4	63.3	65.6	64.8
<b>Subtotal</b>	<b>17,582,697</b>	<b>10,692,522</b>	<b>60.8</b>	<b>62.8</b>	<b>63.2</b>	<b>64.8</b>	<b>64.7</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>							
Elizabeth City	1,248,596	838,151	67.1	67.6	67.8	67.8	67.8
UNC Asheville	1,325,462	789,422	59.6	59.5	59.4	59.9	59.8
<b>Subtotal</b>	<b>2,574,058</b>	<b>1,627,573</b>	<b>63.2</b>	<b>63.4</b>	<b>63.4</b>	<b>63.8</b>	<b>63.8</b>
<b>Schools of Art, Music, and Design</b>							
UNC School of the Arts	1,054,197	736,751	69.9	69.7	69.8	67.8	67.4
<b>Subtotal</b>	<b>1,054,197</b>	<b>736,751</b>	<b>69.9</b>	<b>69.7</b>	<b>69.8</b>	<b>67.8</b>	<b>67.4</b>
<b>Teaching Hospitals</b>							
UNC Hospitals	2,499,249	1,358,302	54.3	54.3	53.5	53.5	53.5
<b>Subtotal</b>	<b>2,499,249</b>	<b>1,358,302</b>	<b>54.3</b>	<b>54.3</b>	<b>53.5</b>	<b>53.5</b>	<b>53.5</b>
<b>Community Colleges</b>							
Alamance	379,753	230,676	60.7	58.7	58.7	64.3	65.6
Asheville-Buncombe	921,954	526,270	57.1	57.0	57.0	65.2	53.9
Beaufort Co.	240,348	170,922	71.1	71.1	70.8	70.4	70.4
Bladen	149,417	112,520	75.3	75.5	75.4	75.4	75.4
Blue Ridge	401,360	289,190	72.1	71.6	71.6	74.7	74.7
Brunswick	350,237	226,597	64.7	64.7	68.0	68.9	68.9
Caldwell	490,265	338,927	69.1	69.1	68.7	69.4	71.2
Cape Fear	749,237	468,422	62.5	62.8	62.3	62.4	62.4
Carteret	236,630	164,647	69.6	69.6	69.2	69.2	69.1
Catawba Valley	531,726	367,818	69.2	69.2	69.2	69.2	69.3
Central Carolina	499,156	350,351	70.2	70.8	70.9	70.9	70.7
Central Piedmont	3,095,867	1,254,427	40.5	44.9	44.7	44.5	48.8
Cleveland	295,233	199,079	67.4	67.4	69.5	69.2	69.2
Coastal Carolina	331,906	225,546	68.0	68.0	68.0	68.0	68.0
Coll. of Albemarle	373,333	234,253	62.7	63.0	63.7	64.7	69.1
Craven	315,007	207,466	65.9	66.3	66.3	67.9	68.2
Davidson County	447,831	303,187	67.7	67.1	67.5	67.5	67.5
Durham	498,239	335,534	67.3	68.8	68.7	69.2	69.5
Edgecombe	245,878	168,825	68.7	68.7	68.7	67.3	67.5
Fayetteville	856,368	583,243	68.1	68.8	69.0	69.0	69.2
Forsyth	738,451	511,708	69.3	67.6	67.8	68.2	68.1
Gaston	652,898	436,150	66.8	66.8	64.6	62.7	62.8
Guilford	1,346,268	908,164	67.5	67.0	68.1	67.6	66.4
Halifax	275,321	187,548	68.1	68.1	67.8	67.4	67.3
Haywood	318,488	232,810	73.1	75.1	75.2	77.0	76.8
Isothermal	325,473	217,602	66.9	66.9	69.8	70.7	70.7
James Sprunt	170,957	121,267	70.9	71.7	71.9	70.1	71.2
Johnston	441,543	312,404	70.8	70.7	71.8	72.1	71.8
Lenoir	417,494	305,453	73.2	73.1	73.2	73.7	73.6
Martin	229,431	170,782	74.4	74.4	74.5	74.5	74.5
Mayland	159,622	112,755	70.6	72.3	73.1	73.0	73.0

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

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2010	2009	2008	2007	2006
McDowell	159,319	117,076	73.5	73.1	73.1	73.1	74.1
Mitchell	361,157	246,678	68.3	68.2	69.7	69.7	70.6
Montgomery	129,642	90,799	70.0	70.4	70.1	70.2	70.2
Nash	258,515	169,106	65.4	65.4	65.3	65.2	65.3
Pamlico	86,755	55,923	64.5	64.5	64.5	72.1	72.1
Piedmont	182,713	141,771	77.6	77.6	76.7	76.6	76.4
Pitt	445,518	285,689	64.1	64.5	66.7	66.7	66.7
Randolph	342,129	257,958	75.4	76.0	75.3	75.3	72.9
Richmond	251,265	177,262	70.5	70.7	70.7	70.2	70.7
Roanoke-Chowan	167,421	117,209	70.0	70.0	70.9	71.1	71.2
Robeson	281,103	194,524	69.2	70.2	71.2	71.2	72.6
Rockingham	327,731	232,145	70.8	70.4	70.4	70.3	70.3
Rowan-Cabarrus	518,096	378,501	73.1	74.9	75.0	75.6	75.4
Sampson	199,414	139,057	69.7	69.8	69.7	69.7	69.7
Sandhills	461,087	304,268	66.0	66.6	66.6	66.6	66.6
South Piedmont	354,646	268,227	75.6	75.6	75.9	76.0	64.3
Southeastern	252,149	182,205	72.3	72.5	72.5	72.7	72.6
Southwestern	257,184	182,673	71.0	71.0	71.0	71.0	72.6
Stanly	204,056	144,402	70.8	71.0	71.0	71.0	71.0
Surry	379,180	268,038	70.7	70.7	70.7	70.5	69.7
Tri-County	151,489	116,067	76.6	75.7	75.7	75.5	75.5
Vance-Granville	390,209	244,927	62.8	63.0	63.0	63.0	63.1
Wake	1,169,041	740,410	63.3	64.6	65.0	62.6	64.1
Wayne	389,067	242,000	62.2	62.2	62.2	62.2	62.4
Western Piedmont	398,812	287,002	72.0	72.0	73.6	74.6	74.5
Wilkes	406,371	291,328	71.7	72.0	72.0	72.0	73.5
Wilson	209,319	144,959	69.3	69.4	70.8	70.8	70.7
<b>Subtotal</b>	<b>25,219,079</b>	<b>16,294,747</b>	<b>64.6</b>	<b>65.6</b>	<b>65.8</b>	<b>66.0</b>	<b>66.2</b>
<b>Private Institutions</b>							
<b>NC Private Universities</b>							
Barton	495,166	350,454	70.8	70.8	70.7	71.2	71.2
Campbell	1,552,514	1,074,902	69.2	69.6	70.1	70.4	71.2
Mars Hill	791,814	538,621	68.0	68.0	68.2	69.3	69.3
Pfeiffer	558,149	390,755	70.0	70.3	70.8	70.8	70.8
<b>Subtotal</b>	<b>3,397,643</b>	<b>2,354,732</b>	<b>69.3</b>	<b>69.5</b>	<b>69.9</b>	<b>70.3</b>	<b>70.7</b>
<b>Grand Total</b>	<b>108,230,178</b>	<b>62,687,219</b>	<b>57.9</b>	<b>58.9</b>	<b>59.4</b>	<b>59.9</b>	<b>61.3</b>

## **TABLE 14:**

### **PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS**

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

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

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

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases 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.

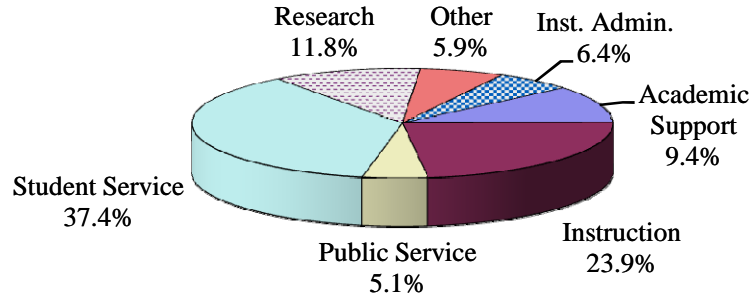
- 10**    **Instruction Program.** This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading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

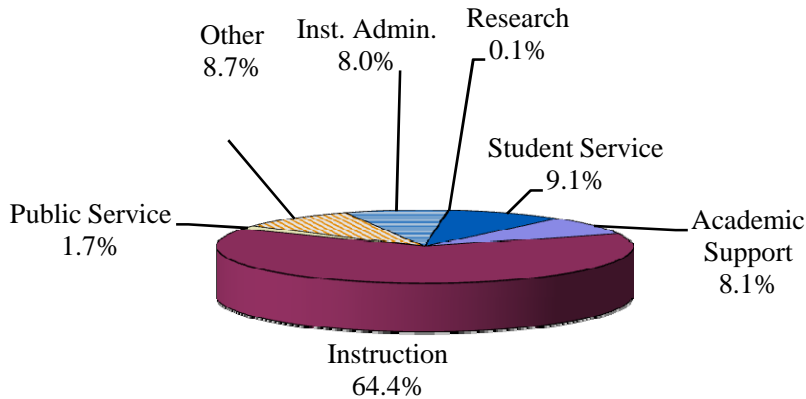


# PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS

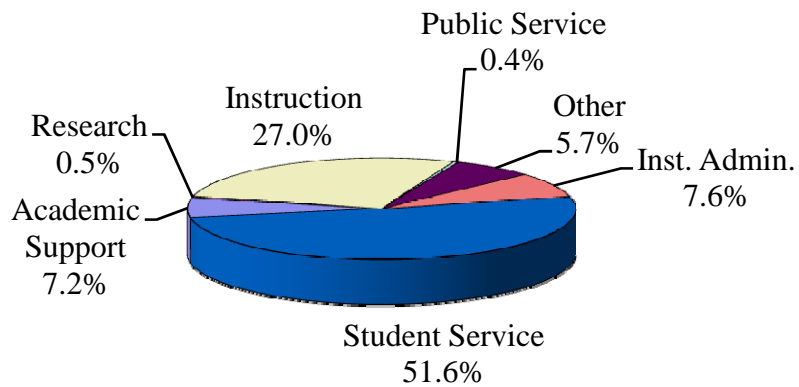
## University of North Carolina Campuses



## Community Colleges



## Private Institutions



**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
<b>Public Institutions</b>										
<b>Research Universities I</b>										
NC State	8,189,335	20.2	30.8	3.8	6.5	28.9	5.6	1.1	1.1	2.0
NC State Veterinary Med	350,945	25.9	42.5	19.8	7.5	1.4	0.5	1.9	0.6	0.0
UNC-Chapel Hill	6,899,875	19.6	6.2	0.7	13.5	47.8	6.1	3.0	0.8	2.2
UNC-Chapel Hill Health Aff.	2,463,286	19.8	45.4	10.1	14.6	0.8	2.1	0.3	1.8	5.0
<b>Subtotal</b>	<b>17,903,441</b>	<b>20.0</b>	<b>23.6</b>	<b>3.8</b>	<b>10.3</b>	<b>31.8</b>	<b>5.2</b>	<b>1.7</b>	<b>1.1</b>	<b>2.5</b>
<b>Doctoral Universities I and II</b>										
East Carolina	3,268,502	29.1	1.8	0.5	6.9	42.8	5.8	3.0	1.4	8.7
East Carolina Health Aff.	763,605	25.9	23.0	29.1	13.1	-	4.6	2.6	-	1.6
NC A&T	2,144,920	33.2	7.1	1.2	13.5	30.8	12.1	1.4	0.7	0.1
UNC Charlotte	2,966,902	26.6	7.7	0.0	9.6	46.8	5.2	1.7	-	2.4
UNC Greensboro	2,575,222	24.4	6.0	0.6	11.8	43.8	8.6	2.6	1.9	0.3
<b>Subtotal</b>	<b>11,719,151</b>	<b>28.0</b>	<b>6.6</b>	<b>2.4</b>	<b>10.3</b>	<b>39.1</b>	<b>7.4</b>	<b>2.3</b>	<b>0.9</b>	<b>3.2</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>										
Appalachian	2,515,691	27.6	0.5	3.2	6.1	52.3	5.3	1.8	2.5	0.6
Fayetteville	734,179	34.2	2.1	0.1	13.3	42.1	5.7	1.7	0.8	0.0
NC Central	1,365,286	31.1	2.9	0.5	10.4	33.4	5.7	0.9	0.2	14.8
UNC Pembroke	874,179	30.4	0.2	0.2	8.7	48.6	9.6	2.3	-	0.0
UNC Wilmington	2,176,920	21.9	4.6	1.0	7.2	52.5	7.9	1.1	0.1	3.7
Western Carolina	1,940,454	22.5	1.5	0.2	10.2	53.4	7.5	3.0	1.0	0.7
Winston-Salem	1,085,813	25.7	0.5	0.4	9.0	51.9	7.2	1.2	0.8	3.4
<b>Subtotal</b>	<b>10,692,522</b>	<b>26.5</b>	<b>1.9</b>	<b>1.1</b>	<b>8.6</b>	<b>49.1</b>	<b>6.8</b>	<b>1.7</b>	<b>1.0</b>	<b>3.3</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>										
Elizabeth City	838,151	31.1	0.3	2.3	5.9	49.8	6.4	0.9	-	3.2
UNC Asheville	789,422	30.4	1.6	1.8	10.7	38.2	5.5	5.2	1.0	5.6
<b>Subtotal</b>	<b>1,627,573</b>	<b>30.8</b>	<b>1.0</b>	<b>2.0</b>	<b>8.2</b>	<b>44.2</b>	<b>5.9</b>	<b>3.0</b>	<b>0.5</b>	<b>4.4</b>
<b>Schools of Art, Music, and Design</b>										
UNC School of the Arts	736,751	42.1	-	3.4	4.5	34.1	7.1	1.9	0.3	6.7
<b>Subtotal</b>	<b>736,751</b>	<b>42.1</b>	<b>-</b>	<b>3.4</b>	<b>4.5</b>	<b>34.1</b>	<b>7.1</b>	<b>1.9</b>	<b>0.3</b>	<b>6.7</b>
<b>Teaching Hospitals</b>										
UNC Hospitals	1,358,302	1.0	0.5	81.8	-	-	10.8	1.8	1.0	3.1
<b>Subtotal</b>	<b>1,358,302</b>	<b>1.0</b>	<b>0.5</b>	<b>81.8</b>	<b>-</b>	<b>-</b>	<b>10.8</b>	<b>1.8</b>	<b>1.0</b>	<b>3.1</b>
<b>Community Colleges</b>										
Alamance	230,676	72.2	-	1.2	7.5	7.0	10.2	1.9	0.1	0.0
Asheville-Buncombe	526,270	66.5	-	1.9	5.1	5.4	5.1	0.9	10.4	4.7
Beaufort Co.	170,922	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	289,190	63.5	-	0.0	6.2	14.9	5.4	3.9	6.2	0.0
Brunswick	226,597	49.1	-	1.1	4.0	4.9	7.3	2.8	26.9	3.8
Caldwell	338,927	66.9	-	0.0	5.8	11.6	4.5	4.3	6.8	0.1
Cape Fear	468,422	70.1	-	0.0	9.2	8.1	6.7	3.3	1.9	0.7
Carteret	164,647	74.4	-	-	7.0	7.5	8.9	1.1	1.0	0.0
Catawba Valley	367,818	66.2	-	-	8.7	4.7	5.2	-	4.4	10.8
Central Carolina	350,351	76.0	-	0.6	4.9	7.1	5.2	0.3	5.3	0.6
Central Piedmont	1,254,427	68.9	-	-	6.5	7.6	8.4	3.3	0.8	4.4
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	234,253	65.6	-	9.0	6.4	7.6	9.7	1.4	0.0	0.2
Craven	207,466	67.9	-	4.4	10.2	3.8	8.0	0.4	5.2	0.1
Davidson County	303,187	64.2	-	3.0	11.3	7.1	10.3	1.9	1.8	0.4
Durham	335,534	62.6	-	-	10.1	4.5	7.8	12.1	2.7	0.3
Edgecombe	168,825	57.8	-	12.7	8.4	8.5	7.0	1.3	4.0	0.3
Fayetteville	583,243	68.6	-	1.3	10.5	8.3	8.5	2.7	0.1	0.0
Forsyth	511,708	68.1	-	0.8	8.8	8.4	6.6	1.4	3.8	2.1
Gaston	436,150	68.9	3.4	-	7.1	9.2	7.9	0.6	1.1	1.7
Guilford	908,164	62.2	-	0.7	6.8	6.0	8.6	2.2	1.2	12.4
Halifax	187,548	54.9	-	13.9	8.2	8.9	8.8	2.4	2.8	0.0
Haywood	232,810	60.3	-	0.1	8.0	12.3	11.0	2.1	0.2	6.0
Isothermal	217,602	64.8	-	10.4	6.2	6.1	6.6	3.4	2.5	0.0
James Sprunt	121,267	61.0	-	2.8	13.2	9.9	8.1	3.3	1.2	0.6
Johnston	312,404	66.4	-	0.4	6.6	13.1	8.7	3.8	0.9	0.0
Lenoir	305,453	62.1	-	1.0	8.1	9.6	7.3	3.4	6.7	1.8
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	112,755	58.6	-	1.9	11.1	10.5	8.5	3.7	5.6	0.0
McDowell	117,076	61.2	-	7.6	5.5	7.2	7.9	5.0	5.6	0.0
Mitchell	246,678	60.4	-	0.1	7.5	15.4	9.9	1.4	2.1	3.2
Montgomery	90,799	65.5	-	0.3	9.2	11.2	7.9	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	55,923	66.4	-	0.8	10.6	7.6	8.6	4.9	1.1	0.0
Piedmont	141,771	58.8	-	4.3	7.1	12.9	13.5	3.3	0.2	0.0
Pitt	285,689	67.9	-	-	11.8	11.2	8.2	0.5	0.0	0.3
Randolph	257,958	62.9	-	-	5.3	7.6	18.1	0.5	4.8	0.9
Richmond	177,262	58.1	-	17.4	7.9	6.4	8.3	0.6	1.4	0.0
Roanoke-Chowan	117,209	41.6	-	2.3	9.6	14.4	10.2	3.6	18.3	0.0
Robeson	194,524	61.1	-	0.4	7.9	10.6	8.6	1.0	6.9	3.5
Rockingham	232,145	67.6	-	1.4	8.6	9.3	8.6	0.8	1.6	2.2
Rowan-Cabarrus	378,501	62.0	-	2.2	9.8	8.1	8.3	3.1	2.4	4.1
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	268,227	39.2	-	5.3	4.6	9.1	6.7	1.1	6.5	27.6
Southeastern	182,205	66.9	-	3.0	9.5	9.3	6.0	1.4	3.7	0.2
Southwestern	182,673	63.0	-	-	10.4	13.0	9.3	1.9	2.3	0.0
Stanly	144,402	64.7	-	0.1	6.8	10.3	11.0	3.0	3.1	1.0
Surry	268,038	72.1	-	-	9.1	6.7	6.9	1.6	3.6	0.0
Tri-County	116,067	71.8	-	0.1	8.9	8.0	11.3	-	-	0.0
Vance-Granville	244,927	66.1	-	7.7	9.5	6.5	8.4	0.4	1.4	0.0
Wake	740,410	68.1	-	-	7.5	7.9	8.2	2.1	0.7	5.4
Wayne	242,000	64.4	-	-	13.0	9.8	6.4	4.8	1.5	0.0
Western Piedmont	287,002	52.3	-	-	8.0	8.1	6.7	2.5	4.5	17.9
Wilkes	291,328	52.5	-	0.1	8.0	19.6	6.7	7.2	5.5	0.4
Wilson	144,959	66.8	-	0.3	10.6	8.9	11.4	1.9	-	0.0
<b>Subtotal</b>	<b>16,294,747</b>	<b>64.4</b>	<b>0.1</b>	<b>1.7</b>	<b>8.1</b>	<b>9.1</b>	<b>8.0</b>	<b>2.5</b>	<b>3.2</b>	<b>3.0</b>
<b>Private Institutions</b>										
<b>NC Private Universities</b>										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,074,902	23.9	1.2	-	6.5	57.3	5.9	2.4	1.3	1.5
Mars Hill	538,621	28.0	-	1.3	7.3	49.3	6.0	1.8	0.1	6.3
Pfeiffer	390,755	29.3	-	0.4	7.2	44.6	11.6	2.0	0.2	4.7
<b>Subtotal</b>	<b>2,354,732</b>	<b>27.0</b>	<b>0.5</b>	<b>0.4</b>	<b>7.2</b>	<b>51.6</b>	<b>7.6</b>	<b>2.1</b>	<b>0.7</b>	<b>2.9</b>
<b>Grand Total</b>	<b>62,687,219</b>	<b>34.5</b>	<b>8.4</b>	<b>4.0</b>	<b>9.0</b>	<b>30.6</b>	<b>6.9</b>	<b>2.1</b>	<b>1.5</b>	<b>3.0</b>



## 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
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	19.9	-	-	0.2	0.0	-	-	-
NC State Veterinary Med	25.9	-	-	-	-	-	-	-
UNC-Chapel Hill	18.8	-	-	0.6	0.3	-	-	-
UNC-Chapel Hill Health Aff.	19.3	-	0.0	0.2	0.4	-	-	-
<b>Subtotal</b>	<b>19.5</b>	<b>-</b>	<b>0.0</b>	<b>0.3</b>	<b>0.2</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Doctoral Universities I and II</b>								
East Carolina	29.1	-	0.0	-	-	-	-	-
East Carolina Health Aff.	25.9	-	-	-	-	-	-	-
NC A&T	33.2	-	-	-	-	-	-	-
UNC Charlotte	26.5	-	-	-	0.1	-	-	-
UNC Greensboro	24.4	-	0.0	-	-	-	-	-
<b>Subtotal</b>	<b>28.0</b>	<b>-</b>	<b>0.0</b>	<b>-</b>	<b>0.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	27.6	-	-	-	-	-	-	-
Fayetteville	33.9	-	-	0.3	-	-	-	-
NC Central	31.1	-	0.0	-	-	-	-	-
UNC Pembroke	30.4	-	-	-	-	-	-	-
UNC Wilmington	21.8	-	-	-	0.1	-	-	-
Western Carolina	22.0	-	-	0.2	-	-	-	0.3
Winston-Salem	25.5	-	0.2	-	-	-	-	-
<b>Subtotal</b>	<b>26.3</b>	<b>-</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>-</b>	<b>-</b>	<b>0.1</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	30.6	-	0.4	0.2	-	-	-	-
UNC Asheville	30.0	-	-	0.4	-	-	-	-
<b>Subtotal</b>	<b>30.3</b>	<b>-</b>	<b>0.2</b>	<b>0.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	42.1	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>42.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
<b>Subtotal</b>	<b>0.5</b>	<b>-</b>	<b>-</b>	<b>0.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>								
Alamance	10.7	48.9	-	6.8	5.8	-	-	-
Asheville-Buncombe	11.8	41.4	1.3	0.9	7.3	1.1	1.8	0.9
Beaufort Co.	-	50.1	0.7	1.2	11.7	-	-	-
Bladen	7.2	50.1	-	0.6	0.6	-	-	-
Blue Ridge	17.9	39.7	1.1	1.2	3.6	-	-	0.0
Brunswick	0.6	37.1	-	8.9	2.5	-	-	-
Caldwell	12.5	39.9	1.5	10.9	2.0	-	-	-
Cape Fear	12.6	52.4	0.1	3.7	1.3	-	-	-
Carteret	3.2	68.7	0.1	1.0	0.8	-	-	0.6
Catawba Valley	19.5	35.3	2.3	0.7	8.3	-	-	0.0
Central Carolina	4.5	64.2	4.5	1.3	1.5	-	-	-
Central Piedmont	22.8	34.5	0.5	4.2	6.9	-	-	-
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	12.3	36.9	0.3	8.0	8.1	-	-	-
Craven	19.9	39.6	3.1	1.7	3.6	-	-	-
Davidson County	22.9	34.4	2.6	1.8	2.3	-	0.1	-
Durham	0.7	54.5	-	6.2	1.2	-	-	-
Edgecombe	2.5	47.0	0.1	3.8	4.3	0.1	-	-
Fayetteville	0.9	50.2	-	7.4	9.2	-	0.8	0.1
Forsyth	7.9	51.3	1.7	1.3	3.2	-	0.2	2.6
Gaston	17.9	38.9	0.8	6.8	4.4	0.1	-	-
Guilford	3.5	48.2	1.2	3.8	5.3	-	-	0.2
Halifax	12.5	40.5	0.0	1.5	0.4	-	-	-
Haywood	-	53.7	0.1	0.5	4.3	-	-	1.7
Isothermal	26.9	29.4	1.0	5.3	1.4	-	-	0.8
James Sprunt	13.0	37.1	0.5	7.7	2.7	-	-	-
Johnston	-	58.2	0.5	1.9	5.8	-	-	-
Lenoir	15.7	30.1	3.6	10.9	0.5	-	0.3	1.1



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

	<b>General Academic Instruction</b>	<b>Vocational Technical Instruction</b>	<b>Preparatory Remedial Instruction</b>	<b>General Studies</b>	<b>Occupational Related Instruction</b>	<b>Social Roles Instruction</b>	<b>Home &amp; Family Life</b>	<b>Personal Leisure Instruction</b>
	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
Martin	7.5	27.1	2.1	4.1	3.4	-	-	0.9
Mayland	6.0	40.1	1.4	5.8	5.4	-	-	-
McDowell	7.2	47.4	1.4	4.1	1.2	-	-	-
Mitchell	24.7	19.2	0.1	12.3	3.8	-	-	0.4
Montgomery	0.2	59.4	2.9	0.7	2.3	-	-	-
Nash	18.7	32.7	-	1.5	11.5	1.3	-	-
Pamlico	16.1	39.3	-	2.6	8.3	-	-	-
Piedmont	2.3	47.0	1.4	5.6	2.5	-	-	-
Pitt	12.2	46.1	1.7	2.7	3.3	1.9	-	0.1
Randolph	-	46.0	1.1	6.6	9.2	-	-	-
Richmond	3.5	46.7	0.1	7.5	0.3	-	-	-
Roanoke-Chowan	5.3	30.1	1.6	0.9	3.2	0.5	-	-
Robeson	5.5	41.8	-	8.7	4.0	-	0.5	0.6
Rockingham	25.7	34.7	-	0.6	6.5	-	-	-
Rowan-Cabarrus	6.5	45.8	0.4	4.3	5.0	-	-	-
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	4.8	28.7	2.7	1.6	1.4	-	-	-
Southeastern	16.4	27.7	5.2	2.2	15.4	-	-	-
Southwestern	15.8	32.0	2.1	3.8	9.4	-	-	-
Stanly	-	46.2	7.3	0.1	11.1	-	-	-
Surry	24.8	29.6	0.6	0.3	16.7	-	-	-
Tri-County	9.1	57.6	1.5	0.8	2.0	-	0.0	0.6
Vance-Granville	11.3	43.7	0.3	5.4	5.2	-	-	0.1
Wake	14.3	39.3	-	6.6	7.9	-	-	-
Wayne	10.3	42.2	-	10.2	1.7	-	-	-
Western Piedmont	21.9	18.0	-	12.0	0.5	-	-	-
Wilkes	17.9	29.0	-	4.0	1.5	-	-	-
Wilson	5.2	45.5	8.8	3.4	4.0	-	-	-
<b>Subtotal</b>	<b>11.8</b>	<b>41.6</b>	<b>1.1</b>	<b>4.3</b>	<b>5.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
Barton	32.7	-	-	-	-	-	-	-
Campbell	23.9	-	-	-	-	-	-	-
Mars Hill	28.0	-	-	-	-	-	-	-
Pfeiffer	29.3	-	0.0	-	-	-	-	-
<b>Subtotal</b>	<b>27.0</b>	<b>-</b>	<b>0.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total</b>	<b>20.7</b>	<b>10.8</b>	<b>0.3</b>	<b>1.3</b>	<b>1.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

**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
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	5.9	24.9	-	-	2.1	1.7	0.0
NC State Veterinary Med	-	42.5	8.6	9.3	-	1.9	-
UNC-Chapel Hill	0.3	5.9	0.0	0.1	0.4	0.1	0.1
UNC-Chapel Hill Health Aff.	1.9	43.6	4.3	5.3	0.4	0.1	-
<b>Subtotal</b>	<b>3.1</b>	<b>20.5</b>	<b>0.8</b>	<b>0.9</b>	<b>1.2</b>	<b>0.8</b>	<b>0.1</b>
<b>Doctoral Universities I and II</b>							
East Carolina	0.3	1.5	-	0.0	0.4	-	0.0
East Carolina Health Aff.	-	23.0	17.5	11.0	0.7	-	-
NC A&T	2.5	4.6	-	-	0.3	0.7	0.1
UNC Charlotte	2.8	4.9	-	-	0.0	-	-
UNC Greensboro	-	6.0	0.5	-	0.1	-	-
<b>Subtotal</b>	<b>1.2</b>	<b>5.3</b>	<b>1.2</b>	<b>0.7</b>	<b>0.3</b>	<b>0.1</b>	<b>0.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>							
Appalachian	0.0	0.5	0.5	-	2.8	-	-
Fayetteville	-	2.1	-	-	0.1	-	0.0
NC Central	1.2	1.6	-	-	0.4	-	0.1
UNC Pembroke	-	0.2	-	-	0.2	-	-
UNC Wilmington	2.7	1.9	-	-	1.0	-	-
Western Carolina	0.8	0.7	-	-	0.2	-	0.0
Winston-Salem	-	0.5	-	-	0.3	-	0.0
<b>Subtotal</b>	<b>0.9</b>	<b>1.0</b>	<b>0.1</b>	<b>-</b>	<b>1.0</b>	<b>-</b>	<b>0.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>							
Elizabeth City	-	0.3	-	-	1.9	-	0.4
UNC Asheville	-	1.6	-	-	1.8	-	-
<b>Subtotal</b>	<b>-</b>	<b>1.0</b>	<b>-</b>	<b>-</b>	<b>1.9</b>	<b>-</b>	<b>0.2</b>
<b>Schools of Art, Music, and Design</b>							
UNC School of the Arts	-	-	-	-	3.4	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.4</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>							
UNC Hospitals	-	0.5	33.4	48.4	-	-	-
<b>Subtotal</b>	<b>-</b>	<b>0.5</b>	<b>33.4</b>	<b>48.4</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>							
Alamance	-	-	-	-	1.2	-	-
Asheville-Buncombe	-	-	-	-	1.3	0.6	-
Beaufort Co.	-	-	-	-	3.4	-	0.0
Bladen	-	-	-	-	0.6	-	-
Blue Ridge	-	-	-	-	0.0	-	-
Brunswick	-	-	-	-	1.1	-	-
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	-	-	-	-	9.0	-	-
Craven	-	-	-	-	3.1	-	1.3
Davidson County	-	-	-	-	3.0	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	12.7	-	-
Fayetteville	-	-	-	-	1.3	-	-
Forsyth	-	-	-	-	0.8	-	-
Gaston	-	3.4	-	-	-	-	-
Guilford	-	-	-	-	0.7	-	-
Halifax	-	-	-	-	13.9	-	-
Haywood	-	-	-	-	0.1	-	-
Isothermal	-	-	-	-	9.1	-	1.3
James Sprunt	-	-	-	-	2.8	-	-
Johnston	-	-	-	-	0.4	-	-
Lenoir	-	-	-	-	1.0	-	-

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
Martin	-	-	-	-	1.4	-	-
Mayland	-	-	-	-	1.9	-	-
McDowell	-	-	-	-	7.6	-	-
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	-	-	-	-	0.3	0.1	-
Rockingham	-	-	-	-	1.4	-	-
Rowan-Cabarrus	-	-	-	-	2.2	-	-
Sampson	-	-	-	-	0.9	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	5.3	-	-
Southeastern	-	-	-	-	2.3	-	0.7
Southwestern	-	-	-	-	-	-	-
Stanly	-	-	-	-	0.1	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	0.1	-	-
Vance-Granville	-	-	-	-	7.7	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	0.1	0.0	-	-
Wilson	-	-	-	-	0.3	-	-
<b>Subtotal</b>	-	<b>0.1</b>	-	<b>0.0</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>
<b>Private Institutions</b>							
<b>NC Private Universities</b>							
Barton	-	-	-	-	-	-	-
Campbell	-	1.2	-	-	-	-	-
Mars Hill	-	-	-	-	1.3	-	-
Pfeiffer	-	-	-	-	0.4	-	-
<b>Subtotal</b>	-	<b>0.5</b>	-	-	<b>0.4</b>	-	-
<b>Grand Total</b>	<b>1.3</b>	<b>7.1</b>	<b>1.2</b>	<b>1.5</b>	<b>1.1</b>	<b>0.3</b>	<b>0.0</b>

## TABLE 14b:

### ACADEMIC SUPPORT SUBPROGRAMS

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

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

- 41 **Library Services.** This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.
- 42 **Museums and Galleries.** This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental exhibit areas are included under the appropriate Instruction Subprogram.
- 43 **Educational Media Services.** This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.
- 44 **Academic Computer Support.** This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.
- 45 **Ancillary Support.** This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.
- 46 **Academic Administration.** This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

- 47 **Course and Curriculum Development.** This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.
- 48 **Academic Personnel Development.** This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

**Table 14b. Academic Support Subprograms**

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	3.3	-	0.1	0.3	0.1	2.6	0.0	0.0
NC State Veterinary Med	3.8	-	0.6	0.5	-	2.6	-	-
UNC-Chapel Hill	8.7	0.5	0.1	0.6	0.2	3.2	0.0	0.2
UNC-Chapel Hill Health Aff.	2.6	0.0	0.0	0.2	2.2	9.6	0.0	0.0
<b>Subtotal</b>	<b>5.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.4</b>	<b>0.4</b>	<b>3.8</b>	<b>0.0</b>	<b>0.1</b>
<b>Doctoral Universities I and II</b>								
East Carolina	5.6	0.2	0.2	0.0	-	0.8	-	-
East Carolina Health Aff.	9.6	-	0.6	-	0.0	2.9	-	-
NC A&T	5.3	0.8	0.1	0.3	4.2	2.8	-	-
UNC Charlotte	5.8	0.0	0.3	0.3	-	3.0	0.0	0.1
UNC Greensboro	5.4	1.1	0.2	0.4	0.8	3.8	-	0.0
<b>Subtotal</b>	<b>5.8</b>	<b>0.5</b>	<b>0.2</b>	<b>0.3</b>	<b>0.9</b>	<b>2.5</b>	<b>0.0</b>	<b>0.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	4.2	-	0.4	0.4	0.4	0.7	-	-
Fayetteville	8.7	0.3	0.6	0.4	1.3	1.9	-	-
NC Central	6.5	0.3	0.4	0.7	0.6	1.9	-	-
UNC Pembroke	4.3	0.8	0.2	0.4	-	3.0	-	0.0
UNC Wilmington	5.2	0.2	-	0.6	-	1.1	-	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	-	-
<b>Subtotal</b>	<b>5.4</b>	<b>0.5</b>	<b>0.2</b>	<b>0.4</b>	<b>0.3</b>	<b>1.8</b>	-	<b>0.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	3.9	0.1	-	0.4	0.6	1.0	-	-
UNC Asheville	8.6	0.2	0.7	0.8	-	0.3	-	0.0
<b>Subtotal</b>	<b>6.2</b>	<b>0.1</b>	<b>0.4</b>	<b>0.6</b>	<b>0.3</b>	<b>0.7</b>	-	<b>0.0</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	2.5	0.2	0.0	0.0	0.1	1.7	-	-
<b>Subtotal</b>	<b>2.5</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>1.7</b>	-	-
<b>Teaching Hospitals</b>								
UNC Hospitals	-	-	-	-	-	-	-	-
<b>Subtotal</b>	-	-	-	-	-	-	-	-
<b>Community Colleges</b>								
Alamance	4.7	0.4	-	-	1.0	1.4	-	-
Asheville-Buncombe	3.8	-	0.5	0.2	0.6	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	2.7	-	0.3	-	-	1.0	-	-
Caldwell	3.8	-	0.7	-	-	1.2	-	-
Cape Fear	6.4	0.0	0.7	0.1	1.1	1.0	-	-
Carteret	3.8	-	-	-	1.7	1.5	-	-
Catawba Valley	4.9	0.1	0.9	0.5	1.4	0.8	-	-
Central Carolina	4.0	-	0.2	-	0.2	0.5	-	-
Central Piedmont	4.4	0.1	0.7	0.2	-	0.8	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	4.5	0.3	0.1	-	-	1.5	-	-
Craven	7.6	-	-	0.0	-	2.3	-	0.2
Davidson County	7.6	-	0.1	-	2.7	0.9	-	-
Durham	4.6	-	0.4	0.1	-	4.5	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	3.5	0.5	0.4	0.1	1.5	1.1	-	-
Guilford	3.6	-	0.3	-	1.9	1.0	-	-
Halifax	5.4	-	-	-	1.6	1.2	-	-
Haywood	6.1	0.2	0.1	-	0.7	0.9	-	-
Isothermal	4.9	-	-	-	-	1.3	-	-
James Sprunt	6.4	0.5	0.1	2.5	-	3.6	-	0.1
Johnston	3.2	1.0	0.3	-	1.5	0.7	-	-
Lenoir	5.4	0.9	0.1	0.0	-	1.6	-	-

**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	7.5	-	0.6	-	1.3	1.8	-	-
McDowell	4.4	0.4	-	-	-	0.7	-	-
Mitchell	4.1	0.3	0.7	-	-	2.4	-	-
Montgomery	8.7	-	-	-	-	0.6	-	-
Nash	6.6	0.3	-	-	-	1.0	-	0.0
Pamlico	8.8	-	0.3	-	-	1.5	-	-
Piedmont	4.5	-	0.3	0.4	0.3	1.6	-	-
Pitt	7.5	-	0.1	0.2	0.8	3.2	-	-
Randolph	3.4	-	0.4	0.0	-	1.5	-	-
Richmond	6.0	-	0.7	0.4	-	0.8	-	-
Roanoke-Chowan	8.1	-	-	-	-	1.5	-	-
Robeson	5.6	-	0.8	-	-	1.4	-	-
Rockingham	5.5	0.8	0.3	-	1.2	0.7	-	-
Rowan-Cabarrus	5.8	-	0.6	0.3	-	3.0	-	0.2
Sampson	8.8	-	-	0.1	-	1.2	-	-
Sandhills	6.1	0.4	0.6	-	0.5	0.5	-	-
South Piedmont	3.7	-	0.5	-	-	0.4	-	-
Southeastern	5.7	0.2	1.0	0.4	1.6	0.6	-	-
Southwestern	5.0	-	0.4	0.1	1.7	3.2	-	-
Stanly	5.0	-	1.1	0.1	-	0.5	-	-
Surry	8.6	-	0.1	0.1	-	0.3	-	-
Tri-County	4.9	-	-	0.1	3.0	1.0	-	-
Vance-Granville	5.3	-	-	-	2.6	1.7	-	-
Wake	5.1	-	0.6	-	1.3	0.5	-	-
Wayne	8.1	-	1.3	0.1	1.4	2.2	-	-
Western Piedmont	5.2	-	0.2	-	-	2.6	-	-
Wilkes	6.1	0.1	0.1	-	1.0	0.7	-	-
Wilson	4.8	-	0.2	-	3.4	2.2	-	-
<b>Subtotal</b>	<b>5.1</b>	<b>0.1</b>	<b>0.5</b>	<b>0.1</b>	<b>0.7</b>	<b>1.4</b>	<b>0.0</b>	<b>0.1</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
Barton	6.9	0.7	0.4	-	-	0.7	-	-
Campbell	4.8	0.4	0.5	0.0	0.1	0.7	-	-
Mars Hill	4.7	0.9	1.2	-	-	0.5	-	-
Pfeiffer	5.9	-	0.2	-	-	0.7	-	0.4
<b>Subtotal</b>	<b>5.3</b>	<b>0.5</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	-	<b>0.1</b>
<b>Grand Total</b>	<b>5.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.6</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>

**TABLE 14c:**

**STUDENT SERVICE AND PHYSICAL PLANT  
OPERATIONS SUBPROGRAMS**

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

The definitions of these subprograms follow. Subprograms 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
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	0.2	3.2	0.1	0.1	20.1	4.9	0.3	0.2	0.3	0.0	0.2	0.2
NC State Veterinary Med	-	0.0	-	-	1.3	-	-	0.1	-	-	1.3	0.5
UNC-Chapel Hill	0.5	2.9	0.2	0.1	34.4	9.1	0.5	0.3	0.8	0.4	0.9	0.3
UNC-Chapel Hill Health Aff.	0.2	0.0	0.0	-	0.5	-	-	-	0.0	0.2	0.1	0.0
<b>Subtotal</b>	<b>0.3</b>	<b>2.6</b>	<b>0.2</b>	<b>0.1</b>	<b>22.5</b>	<b>5.8</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>	<b>0.5</b>	<b>0.2</b>
<b>Doctoral Universities I and II</b>												
East Carolina	0.1	7.8	0.2	0.1	29.6	4.5	0.4	0.4	1.7	0.1	-	0.5
East Carolina Health Aff.	-	-	-	-	-	-	-	-	-	0.1	2.5	-
NC A&T	0.2	3.1	0.5	0.3	25.1	1.4	0.3	0.3	0.9	0.0	0.2	0.0
UNC Charlotte	0.4	8.2	0.3	0.1	35.9	1.5	0.5	1.0	0.6	0.0	0.0	-
UNC Greensboro	0.3	3.7	0.2	0.2	36.1	2.4	0.9	0.2	1.0	0.0	0.7	0.5
<b>Subtotal</b>	<b>0.2</b>	<b>5.6</b>	<b>0.3</b>	<b>0.2</b>	<b>29.9</b>	<b>2.4</b>	<b>0.5</b>	<b>0.4</b>	<b>1.0</b>	<b>0.1</b>	<b>0.4</b>	<b>0.2</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>												
Appalachian	-	11.2	0.4	0.3	36.1	3.7	0.6	0.5	1.0	-	0.2	-
Fayetteville	0.8	6.9	0.7	0.1	28.8	4.1	0.6	0.4	0.3	0.1	0.2	0.7
NC Central	0.4	3.6	0.3	0.4	25.5	2.9	0.3	0.4	0.4	-	0.0	0.1
UNC Pembroke	0.6	6.4	0.4	0.2	38.2	2.5	0.4	0.8	0.8	0.4	0.3	0.1
UNC Wilmington	0.8	6.6	0.3	-	41.1	3.3	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
<b>Subtotal</b>	<b>0.3</b>	<b>7.9</b>	<b>0.4</b>	<b>0.2</b>	<b>36.4</b>	<b>3.4</b>	<b>0.5</b>	<b>0.8</b>	<b>0.5</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>												
Elizabeth City	0.1	5.5	0.1	0.2	41.6	1.7	0.6	0.5	0.4	-	0.1	-
UNC Asheville	0.3	5.0	0.4	-	28.9	3.4	0.3	-	2.6	0.0	2.5	-
<b>Subtotal</b>	<b>0.2</b>	<b>5.3</b>	<b>0.3</b>	<b>0.1</b>	<b>35.4</b>	<b>2.5</b>	<b>0.4</b>	<b>0.3</b>	<b>1.5</b>	<b>0.0</b>	<b>1.3</b>	<b>-</b>
<b>Schools of Art, Music, and Design</b>												
UNC School of the Arts	0.1	10.0	0.2	0.4	22.9	-	0.6	0.4	0.4	-	-	0.9
<b>Subtotal</b>	<b>0.1</b>	<b>10.0</b>	<b>0.2</b>	<b>0.4</b>	<b>22.9</b>	<b>-</b>	<b>0.6</b>	<b>0.4</b>	<b>0.4</b>	<b>-</b>	<b>-</b>	<b>0.9</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.4</b>	<b>0.5</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>												
Alamance	0.1	1.7	0.2	0.5	4.5	-	-	0.2	1.6	-	-	-
Asheville-Buncombe	0.3	0.8	0.6	0.3	3.4	-	-	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	9.7	1.1	-	3.8	-	-	-	2.2	0.6	-	1.0
Brunswick	0.3	-	0.1	0.1	4.4	-	0.0	-	2.6	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	0.5	0.1	3.6	-	-	0.0	2.8	0.5	-	-
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	1.7	-	-	-	-	-	-	-
Central Carolina	0.3	2.2	0.4	0.0	4.0	-	-	-	-	0.1	0.3	-
Central Piedmont	1.1	2.9	0.3	0.3	3.1	-	-	0.3	2.4	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	1.8	2.0	1.7	0.8	1.4	-	-	-	1.4	-	-	-
Craven	-	2.2	-	-	1.6	-	-	-	0.4	-	-	-
Davidson County	0.4	0.8	1.4	0.2	4.3	-	-	-	1.9	-	-	-
Durham	0.8	0.7	1.4	0.3	1.2	-	-	0.8	10.6	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	0.5	1.3	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	0.9	4.2	0.3	0.4	3.3	-	0.0	-	0.3	0.1	0.0	0.2
Guilford	0.2	1.8	0.7	0.2	3.0	0.1	0.0	0.3	1.1	0.4	0.0	0.4
Halifax	0.4	2.7	0.7	0.7	4.5	-	-	0.1	2.4	-	-	-
Haywood	0.2	7.5	0.3	0.2	4.0	-	-	0.2	0.9	0.2	-	0.9
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	0.6	5.6	1.5	0.4	5.0	-	-	0.0	2.7	0.1	-	1.0
Lenoir	-	6.5	0.1	0.4	1.9	0.7	-	0.1	2.9	-	-	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	-	0.6	1.0	0.7	8.2	-	-	-	3.7	0.1	-	-
McDowell	0.4	-	1.3	0.1	5.4	-	-	-	2.9	-	-	2.1
Mitchell	1.3	6.3	1.5	0.5	5.9	-	-	0.1	1.2	0.1	-	-
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	1.4	-	1.5	0.2	4.5	-	-	-	4.9	-	-	-
Piedmont	3.4	0.7	2.7	0.2	5.8	-	-	-	2.4	0.1	-	0.8
Pitt	1.2	5.4	1.5	0.1	2.8	0.2	-	0.3	0.2	-	-	-
Randolph	0.6	1.6	0.7	0.2	4.5	-	-	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	6.7	0.7	0.3	2.6	-	-	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	1.4	0.3	5.1	-	-	0.2	2.7	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	5.1	0.8	0.1	2.5	-	-	0.0	1.0	-	-	-
Southeastern	0.1	2.8	2.5	0.2	3.6	0.1	-	0.3	1.0	-	-	-
Southwestern	0.2	7.7	1.3	0.1	3.8	-	-	-	1.9	0.0	-	-
Stanly	1.2	2.9	0.9	0.5	4.8	-	-	0.1	3.0	-	-	-
Surry	0.6	0.8	0.6	0.2	4.4	0.1	-	0.0	1.5	0.1	-	-
Tri-County	0.5	4.4	0.9	0.3	1.8	-	-	-	-	-	-	-
Vance-Granville	1.3	-	0.7	0.4	4.1	-	-	-	0.4	-	-	-
Wake	0.8	1.8	1.6	0.3	3.4	0.1	0.0	0.3	1.8	-	-	-
Wayne	0.3	4.9	1.1	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	16.2	1.2	0.3	1.7	-	-	2.3	0.5	0.3	-	4.0
Wilson	0.3	3.8	0.9	0.7	3.2	-	-	0.3	1.4	0.2	-	-
<b>Subtotal</b>	<b>0.6</b>	<b>3.6</b>	<b>0.9</b>	<b>0.3</b>	<b>3.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>1.8</b>	<b>0.2</b>	<b>0.0</b>	<b>0.3</b>
<b>Private Institutions</b>												
<b>NC Private Universities</b>												
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	42.7	9.2	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	-	7.5	0.2	0.8	32.8	2.8	0.5	0.1	1.8	0.1	-	-
<b>Subtotal</b>	<b>0.2</b>	<b>6.8</b>	<b>0.3</b>	<b>0.3</b>	<b>37.8</b>	<b>5.8</b>	<b>0.4</b>	<b>0.2</b>	<b>1.7</b>	<b>0.1</b>	<b>-</b>	<b>0.1</b>
<b>Grand Total</b>	<b>0.4</b>	<b>4.6</b>	<b>0.4</b>	<b>0.2</b>	<b>21.8</b>	<b>3.0</b>	<b>0.3</b>	<b>0.3</b>	<b>1.0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.2</b>

## TABLE 14d:

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

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

- 61 **Executive Management.** This subprogram consists of 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**

	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	Ind. Operations		Unassigned	
					Aux. Svcs 65				Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	0.3	0.2	2.3	1.1	0.9	0.7	0.1	0.1	0.2	0.9	1.0	1.0
NC State Veterinary Med	-	-	0.3	0.2	-	0.0	-	-	-	0.6	-	-
UNC-Chapel Hill	0.3	0.7	2.5	1.4	0.3	0.8	0.2	0.0	0.3	0.5	1.0	1.1
UNC-Chapel Hill Health Aff.	0.1	0.3	1.4	0.2	0.1	0.0	0.0	0.0	0.6	1.2	2.8	2.2
<b>Subtotal</b>	<b>0.3</b>	<b>0.4</b>	<b>2.2</b>	<b>1.1</b>	<b>0.5</b>	<b>0.6</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>0.8</b>	<b>1.2</b>	<b>1.2</b>
<b>Doctoral Universities I and II</b>												
East Carolina	0.8	0.7	2.1	1.2	0.3	0.5	0.2	0.1	-	1.4	0.2	8.5
East Carolina Health Aff.	-	-	3.1	0.5	0.0	0.8	-	0.1	-	-	1.4	0.2
NC A&T	0.6	0.5	8.8	0.8	0.5	0.5	0.2	0.1	-	0.7	0.1	-
UNC Charlotte	0.7	0.6	2.1	0.2	0.5	0.8	0.4	0.0	-	-	0.0	2.4
UNC Greensboro	0.4	0.4	4.6	1.3	0.6	0.8	0.3	0.2	-	1.9	0.0	0.2
<b>Subtotal</b>	<b>0.6</b>	<b>0.5</b>	<b>3.9</b>	<b>0.9</b>	<b>0.4</b>	<b>0.7</b>	<b>0.2</b>	<b>0.1</b>	<b>-</b>	<b>0.9</b>	<b>0.2</b>	<b>3.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>												
Appalachian	0.3	0.5	2.3	0.5	0.6	0.5	0.3	0.3	2.3	0.3	-	0.6
Fayetteville	1.3	0.9	1.9	0.1	1.0	0.4	0.1	0.1	-	0.8	-	-
NC Central	0.7	0.4	2.0	0.9	0.7	0.6	0.2	0.1	0.2	0.1	0.8	14.1
UNC Pembroke	0.6	0.6	5.5	0.1	1.6	0.5	0.3	0.3	-	-	-	-
UNC Wilmington	0.7	0.5	3.6	0.7	0.6	1.3	0.4	0.2	-	0.1	0.5	3.2
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
<b>Subtotal</b>	<b>0.6</b>	<b>0.6</b>	<b>2.5</b>	<b>0.6</b>	<b>1.4</b>	<b>0.8</b>	<b>0.3</b>	<b>0.2</b>	<b>0.7</b>	<b>0.3</b>	<b>0.3</b>	<b>3.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>												
Elizabeth City	0.7	0.5	1.6	0.9	2.1	0.2	0.2	0.2	-	-	0.3	2.9
UNC Asheville	1.0	0.9	0.6	0.0	1.0	0.7	1.2	0.0	-	1.0	0.6	5.0
<b>Subtotal</b>	<b>0.9</b>	<b>0.7</b>	<b>1.1</b>	<b>0.5</b>	<b>1.6</b>	<b>0.5</b>	<b>0.7</b>	<b>0.1</b>	<b>-</b>	<b>0.5</b>	<b>0.5</b>	<b>3.9</b>
<b>Schools of Art, Music, and Design</b>												
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
<b>Subtotal</b>	<b>0.4</b>	<b>0.2</b>	<b>2.1</b>	<b>0.4</b>	<b>1.9</b>	<b>1.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>-</b>	<b>4.0</b>	<b>2.7</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
<b>Subtotal</b>	<b>0.6</b>	<b>3.7</b>	<b>4.3</b>	<b>1.6</b>	<b>0.5</b>	<b>0.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.0</b>	<b>0.7</b>	<b>2.3</b>
<b>Community Colleges</b>												
Alamance	1.8	1.0	4.0	0.8	1.3	0.4	0.2	0.6	-	0.1	-	-
Asheville-Buncombe	1.0	0.6	2.0	0.3	0.3	0.2	0.3	0.5	-	10.4	2.9	1.8
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	1.1	1.2	0.2	0.3	-	0.7	-	6.2	-	-
Brunswick	1.6	0.7	3.0	0.6	0.6	0.4	0.3	0.1	23.4	3.6	3.8	-
Caldwell	1.5	0.8	1.1	0.4	0.1	0.1	0.4	0.1	-	6.8	0.1	-
Cape Fear	1.4	0.6	2.9	0.5	0.7	0.1	0.3	0.1	-	1.9	0.1	0.6
Carteret	2.8	0.5	4.0	0.9	0.4	0.3	0.1	0.1	-	1.0	-	-
Catawba Valley	1.2	0.8	2.0	0.1	0.3	0.1	0.3	0.4	-	4.4	-	10.8
Central Carolina	2.2	0.5	1.4	0.5	0.2	0.1	0.0	0.3	5.3	-	0.6	-
Central Piedmont	0.7	1.1	2.5	2.0	0.3	0.4	0.9	0.5	-	0.8	0.7	3.7
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	1.6	0.9	3.3	2.1	0.8	0.1	0.6	0.3	-	0.0	0.2	-
Craven	1.4	0.9	1.7	0.8	-	0.7	1.6	0.7	-	5.2	0.1	-
Davidson County	0.7	1.1	6.7	-	1.1	0.1	0.4	0.3	-	1.8	-	0.4
Durham	1.1	0.6	1.7	1.0	0.8	0.6	1.5	0.5	-	2.7	-	0.3
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	1.4	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	0.5	1.6
Gaston	0.5	0.6	4.3	1.2	0.6	0.0	0.4	0.3	-	1.1	1.7	-
Guilford	0.5	1.0	5.9	0.6	0.2	0.1	0.3	0.2	-	1.2	1.5	10.9
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	2.8	-	-
Haywood	0.8	0.6	3.4	0.4	5.0	0.3	0.3	0.2	-	0.2	6.0	-
Isothermal	1.1	0.9	2.9	0.6	0.1	0.5	0.1	0.5	-	2.5	-	-
James Sprunt	1.3	3.4	0.4	1.6	0.4	0.7	-	0.3	-	1.2	0.6	-
Johnston	1.0	1.3	3.5	0.9	1.1	0.4	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	1.0	1.2	2.2	0.7	0.6	0.2	1.1	0.3	-	6.7	1.7	0.2
Martin	0.8	0.7	1.2	0.5	0.4	0.1	0.1	-	-	0.6	-	-
Mayland	2.3	0.6	2.5	1.1	0.5	0.6	0.5	0.4	-	5.6	-	-
McDowell	0.5	1.0	3.9	0.4	1.8	0.1	-	0.3	-	5.6	-	-
Mitchell	2.6	2.0	3.2	0.7	0.9	-	0.6	-	-	2.1	0.4	2.8
Montgomery	3.8	1.0	1.4	0.9	-	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	2.2	-	-	-	0.1	-	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	0.8	0.3	0.5	-	0.0	0.3	-
Randolph	0.5	0.7	14.9	0.7	0.5	0.3	-	0.5	-	4.8	-	0.9
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	6.2	0.9	-	-	0.5	0.4	-	18.3	-	-
Robeson	1.3	0.6	3.6	1.1	0.5	0.2	0.5	0.7	-	6.9	0.4	3.1
Rockingham	1.0	0.8	3.2	1.0	1.0	0.3	0.8	0.4	-	1.6	2.2	-
Rowan-Cabarrus	2.2	0.9	3.2	1.0	0.2	0.0	0.3	0.4	-	2.4	2.7	1.4
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	-	6.5	-	27.6
Southeastern	1.1	0.8	2.4	0.9	-	0.2	0.1	0.5	-	3.7	0.2	-
Southwestern	1.1	1.1	4.0	1.2	-	1.1	0.5	0.2	-	2.3	-	-
Stanly	3.6	1.3	2.5	1.3	0.2	0.1	0.9	1.0	-	3.1	0.9	0.1
Surry	1.2	0.7	2.4	1.7	0.4	0.2	0.2	0.2	-	3.6	-	-
Tri-County	1.6	0.7	7.8	0.9	-	-	0.1	0.2	-	-	-	-
Vance-Granville	0.8	0.6	4.6	1.4	0.2	-	0.5	0.3	-	1.4	-	-
Wake	0.9	0.3	4.1	1.0	0.2	0.2	0.9	0.6	-	0.7	0.6	4.8
Wayne	1.7	0.3	1.8	0.4	1.4	-	0.7	0.2	0.4	1.1	-	-
Western Piedmont	1.3	0.6	1.6	1.5	0.2	1.0	0.0	0.5	-	4.5	14.5	3.3
Wilkes	1.0	0.5	3.3	0.7	-	0.2	0.7	0.2	3.1	2.4	-	0.4
Wilson	2.3	1.9	3.0	0.9	2.0	0.4	0.6	0.3	-	-	-	-
<b>Subtotal</b>	<b>1.3</b>	<b>0.9</b>	<b>3.2</b>	<b>0.9</b>	<b>0.6</b>	<b>0.3</b>	<b>0.4</b>	<b>0.4</b>	<b>0.6</b>	<b>2.6</b>	<b>0.9</b>	<b>2.1</b>
<b>Private Institutions</b>												
<b>NC Private Universities</b>												
Barton	0.9	0.7	1.4	0.7	3.9	2.2	1.0	0.4	-	-	0.4	-
Campbell	0.5	0.3	0.6	0.4	2.7	0.3	1.0	0.1	0.4	0.9	1.4	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	0.6	0.9	1.9	0.3	6.5	0.2	0.9	0.2	-	0.2	0.0	4.7
<b>Subtotal</b>	<b>0.7</b>	<b>0.4</b>	<b>1.0</b>	<b>0.5</b>	<b>3.2</b>	<b>0.9</b>	<b>0.8</b>	<b>0.2</b>	<b>0.2</b>	<b>0.5</b>	<b>1.5</b>	<b>1.5</b>
<b>Grand Total</b>	<b>0.7</b>	<b>0.7</b>	<b>2.8</b>	<b>0.9</b>	<b>0.8</b>	<b>0.6</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>	<b>1.2</b>	<b>0.8</b>	<b>2.2</b>

**TABLE 15:****ASSIGNABLE AREA BY ROOM CODE**

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed 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 1992 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.

<b><u>Room Use Code</u></b>	<b><u>HEGIS Norm (%)</u></b>	<b><u>All N.C. Institutions 2010 (%)</u></b>
<b>Classroom (Series 100)</b>	<b>8.0</b>	<b>9.8</b>
<b>Laboratory (Series 200)</b>	<b>14.5</b>	<b>17.2</b>
<b>Office(Series 300)</b>	<b>13.0</b>	<b>20.6</b>
<b>Study (Series 400)</b>	<b>6.8</b>	<b>5.7</b>
<b>Special Use (Series 500)</b>	<b>8.9</b>	<b>8.9</b>
<b>General Use (Series 600)</b>	<b>12.0</b>	<b>10.9</b>
<b>Support (Series 700)</b>	<b>6.5</b>	<b>4.8</b>
<b>Health Care (Series 800)</b>	<b>1.4</b>	<b>1.9</b>
<b>Residential (Series 900)</b>	<b>26.7</b>	<b>17.4</b>
<b>Unclassified (Series 000)</b>	<b>2.2</b>	<b>2.9</b>



## Room Use Codes

### **100 Classroom Facilities**

- 110 Classroom
- 115 Classroom Service

### **200 Laboratory Facilities**

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

### **300 Office Facilities**

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

### **400 Study Facilities**

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

### **500 Special Use Facilities**

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

- 590 Other (All Purpose)

### **600 General Use Facilities**

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

### **700 Support Facilities**

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

### **800 Health Care Facilities**

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

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

**900 Residential Facilities**

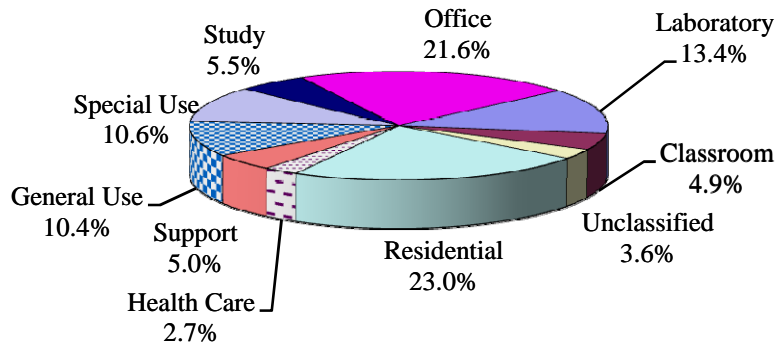
- 910 Sleep/Study without Toilet or Bath
- 910X Sleep/Study without Toilet or Bath  
Designed and Equipped for  
Mobility Impaired
- 919 Toilet or Bath
- 919X Toilet or Bath Designed and  
Equipped for Mobility  
Impaired
- 920 Sleep/Study with Toilet or Bath
- 920X Sleep/Study with Toilet or  
Bath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

**000 Unclassified Facilities**

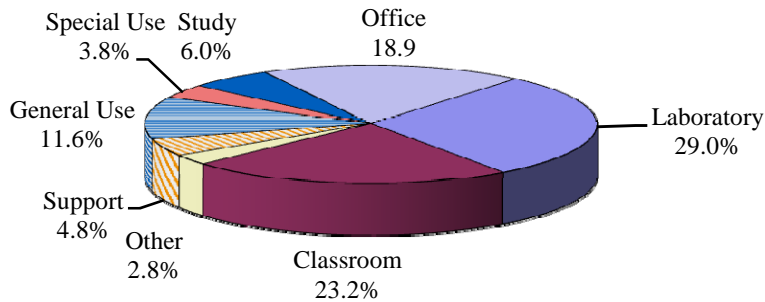
- 010 Elevator
- 011 Men's Toilet Equipped for Mobility Impaired
- 012 Women's Toilet Equipped for  
Mobility Impaired
- 013 Unisex Toilet Equipped for  
Mobility Impaired
- 050 Inactive Area
- 060 Alteration or Conversion Area
- 070 Unfinished Area

# PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES

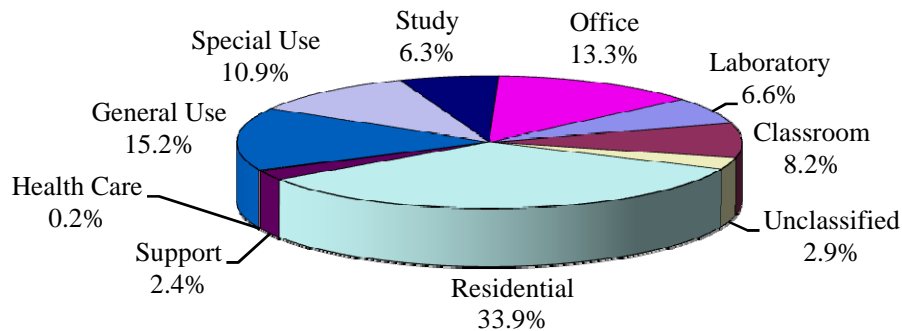
## University of North Carolina Campuses



## Community Colleges



## Private Institutions



**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									
<b>Research Universities I</b>									
NC State	8,189,335	274,248	3.3	1,630,637	19.9	1,680,033	20.5	272,914	3.3
NC State Veterinary Med	350,945	7,656	2.2	102,402	29.2	62,566	17.8	13,720	3.9
UNC-Chapel Hill	6,899,875	298,100	4.3	533,126	7.7	1,492,486	21.6	615,645	8.9
UNC-Chapel Hill Health Aff.	2,463,286	63,237	2.6	710,674	28.9	1,059,497	43.0	77,050	3.1
<b>Subtotal</b>	<b>17,903,441</b>	<b>643,241</b>	<b>3.6</b>	<b>2,976,839</b>	<b>16.6</b>	<b>4,294,582</b>	<b>24.0</b>	<b>979,329</b>	<b>5.5</b>
<b>Doctoral Universities I and II</b>									
East Carolina	3,268,502	185,505	5.7	334,082	10.2	644,903	19.7	210,414	6.4
East Carolina Health Aff.	763,605	36,356	4.8	156,353	20.5	292,368	38.3	64,393	8.4
NC A&T	2,144,920	144,641	6.7	344,970	16.1	413,970	19.3	126,562	5.9
UNC Charlotte	2,966,902	187,004	6.3	457,424	15.4	673,483	22.7	173,885	5.9
UNC Greensboro	2,575,222	135,407	5.3	301,396	11.7	564,107	21.9	142,706	5.5
<b>Subtotal</b>	<b>11,719,151</b>	<b>688,913</b>	<b>5.9</b>	<b>1,594,225</b>	<b>13.6</b>	<b>2,588,831</b>	<b>22.1</b>	<b>717,960</b>	<b>6.1</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>									
Appalachian	2,515,691	154,321	6.1	242,152	9.6	463,617	18.4	90,036	3.6
Fayetteville	734,179	51,611	7.0	76,008	10.4	160,825	21.9	62,233	8.5
NC Central	1,365,286	107,873	7.9	144,122	10.6	255,684	18.7	99,816	7.3
UNC Pembroke	874,179	72,771	8.3	46,736	5.3	168,519	19.3	42,121	4.8
UNC Wilmington	2,176,920	142,901	6.6	199,680	9.2	381,619	17.5	123,363	5.7
Western Carolina	1,940,454	91,901	4.7	164,369	8.5	305,494	15.7	126,288	6.5
Winston-Salem	1,085,813	71,522	6.6	84,795	7.8	203,958	18.8	48,464	4.5
<b>Subtotal</b>	<b>10,692,522</b>	<b>692,900</b>	<b>6.5</b>	<b>957,862</b>	<b>9.0</b>	<b>1,939,716</b>	<b>18.1</b>	<b>592,321</b>	<b>5.5</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>									
Elizabeth City	838,151	51,866	6.2	79,528	9.5	103,624	12.4	42,413	5.1
UNC Asheville	789,422	48,052	6.1	86,525	11.0	142,409	18.0	73,729	9.3
<b>Subtotal</b>	<b>1,627,573</b>	<b>99,918</b>	<b>6.1</b>	<b>166,053</b>	<b>10.2</b>	<b>246,033</b>	<b>15.1</b>	<b>116,142</b>	<b>7.1</b>
<b>Schools of Art, Music, and Design</b>									
UNC School of the Arts	736,751	29,175	4.0	181,187	24.6	90,233	12.2	21,245	2.9
<b>Subtotal</b>	<b>736,751</b>	<b>29,175</b>	<b>4.0</b>	<b>181,187</b>	<b>24.6</b>	<b>90,233</b>	<b>12.2</b>	<b>21,245</b>	<b>2.9</b>
<b>Teaching Hospitals</b>									
UNC Hospitals	1,358,302	9,926	0.7	10,829	0.8	371,821	27.4	3,244	0.2
<b>Subtotal</b>	<b>1,358,302</b>	<b>9,926</b>	<b>0.7</b>	<b>10,829</b>	<b>0.8</b>	<b>371,821</b>	<b>27.4</b>	<b>3,244</b>	<b>0.2</b>
<b>Community Colleges</b>									
Alamance	230,676	69,468	30.1	73,111	31.7	45,275	19.6	10,937	4.7
Asheville-Buncombe	526,270	98,577	18.7	193,314	36.7	120,409	22.9	16,788	3.2
Beaufort Co.	170,922	38,176	22.3	53,761	31.5	33,029	19.3	8,572	5.0
Bladen	112,520	26,016	23.1	32,605	29.0	20,336	18.1	11,612	10.3
Blue Ridge	289,190	67,728	23.4	94,840	32.8	42,540	14.7	12,535	4.3
Brunswick	226,597	50,799	22.4	37,461	16.5	36,434	16.1	7,369	3.3
Caldwell	338,927	88,756	26.2	81,077	23.9	63,212	18.7	18,315	5.4
Cape Fear	468,422	101,978	21.8	174,248	37.2	85,954	18.3	27,476	5.9
Carteret	164,647	41,526	25.2	61,195	37.2	32,970	20.0	6,761	4.1
Catawba Valley	367,818	60,750	16.5	123,547	33.6	54,554	14.8	19,852	5.4
Central Carolina	350,351	107,991	30.8	110,136	31.4	63,154	18.0	20,065	5.7
Central Piedmont	1,254,427	340,815	27.2	334,286	26.6	258,068	20.6	64,866	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	234,253	61,363	26.2	54,562	23.3	49,620	21.2	21,055	9.0
Craven	207,466	50,428	24.3	70,997	34.2	42,149	20.3	17,789	8.6
Davidson County	303,187	70,514	23.3	81,460	26.9	60,512	20.0	27,177	9.0
Durham	335,534	84,975	25.3	95,513	28.5	71,680	21.4	15,221	4.5
Edgecombe	168,825	35,198	20.8	44,770	26.5	29,841	17.7	12,318	7.3
Fayetteville	583,243	153,477	26.3	185,369	31.8	123,091	21.1	25,929	4.4
Forsyth	511,708	108,427	21.2	185,821	36.3	110,443	21.6	18,491	3.6
Gaston	436,150	90,717	20.8	142,682	32.7	96,097	22.0	29,974	6.9
Guilford	908,164	209,696	23.1	262,789	28.9	143,548	15.8	36,589	4.0
Halifax	187,548	37,203	19.8	49,552	26.4	34,385	18.3	11,164	6.0
Haywood	232,810	28,691	12.3	103,552	44.5	34,016	14.6	13,901	6.0
Isothermal	217,602	38,799	17.8	66,742	30.7	30,060	13.8	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	29,258	24.1	23,214	19.1	37,792	31.2	10,267	8.5
Johnston	312,404	87,357	28.0	80,577	25.8	59,348	19.0	12,243	3.9
Lenoir	305,453	72,693	23.8	63,455	20.8	50,912	16.7	18,621	6.1
Martin	170,782	23,132	13.5	37,211	21.8	18,306	10.7	15,283	8.9
Mayland	112,755	31,125	27.6	26,485	23.5	22,836	20.3	9,810	8.7
McDowell	117,076	27,885	23.8	32,705	27.9	20,717	17.7	5,938	5.1
Mitchell	246,678	66,289	26.9	46,377	18.8	47,079	19.1	15,367	6.2
Montgomery	90,799	19,384	21.3	29,768	32.8	16,890	18.6	10,412	11.5
Nash	169,106	47,474	28.1	43,460	25.7	26,092	15.4	13,993	8.3
Pamlico	55,923	14,141	25.3	12,280	22.0	12,181	21.8	4,549	8.1
Piedmont	141,771	36,731	25.9	35,501	25.0	31,676	22.3	8,895	6.3
Pitt	285,689	61,828	21.6	87,351	30.6	67,893	23.8	23,178	8.1
Randolph	257,958	56,269	21.8	88,552	34.3	39,474	15.3	7,565	2.9
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	36,189	30.9	17,230	14.7	11,019	9.4
Robeson	194,524	42,039	21.6	51,537	26.5	34,855	17.9	15,077	7.8
Rockingham	232,145	41,918	18.1	66,501	28.6	35,157	15.1	14,092	6.1
Rowan-Cabarrus	378,501	89,744	23.7	106,931	28.3	84,386	22.3	25,117	6.6
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	268,227	37,650	14.0	44,495	16.6	45,083	16.8	11,916	4.4
Southeastern	182,205	49,126	27.0	48,543	26.6	34,392	18.9	15,091	8.3
Southwestern	182,673	39,138	21.4	48,132	26.3	37,119	20.3	11,306	6.2
Stanly	144,402	36,691	25.4	39,582	27.4	32,173	22.3	8,435	5.8
Surry	268,038	71,814	26.8	75,902	28.3	46,349	17.3	21,864	8.2
Tri-County	116,067	31,657	27.3	39,824	34.3	15,293	13.2	5,672	4.9
Vance-Granville	244,927	56,948	23.3	80,178	32.7	46,321	18.9	15,735	6.4
Wake	740,410	169,678	22.9	211,991	28.6	156,126	21.1	56,230	7.6
Wayne	242,000	43,373	17.9	80,963	33.5	51,872	21.4	19,644	8.1
Western Piedmont	287,002	60,500	21.1	64,886	22.6	44,453	15.5	16,173	5.6
Wilkes	291,328	58,306	20.0	71,319	24.5	45,973	15.8	17,157	5.9
Wilson	144,959	40,223	27.7	41,757	28.8	29,579	20.4	10,641	7.3
<b>Subtotal</b>	<b>16,294,747</b>	<b>3,772,915</b>	<b>23.2</b>	<b>4,727,736</b>	<b>29.0</b>	<b>3,074,755</b>	<b>18.9</b>	<b>971,692</b>	<b>6.0</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	350,454	28,852	8.2	24,220	6.9	57,007	16.3	21,578	6.2
Campbell	1,074,902	89,885	8.4	51,863	4.8	141,501	13.2	72,961	6.8
Mars Hill	538,621	37,104	6.9	45,710	8.5	64,352	11.9	28,959	5.4
Pfeiffer	390,755	37,909	9.7	33,643	8.6	49,921	12.8	24,290	6.2
<b>Subtotal</b>	<b>2,354,732</b>	<b>193,750</b>	<b>8.2</b>	<b>155,436</b>	<b>6.6</b>	<b>312,781</b>	<b>13.3</b>	<b>147,788</b>	<b>6.3</b>
<b>Grand Total</b>	<b>62,687,219</b>	<b>6,130,738</b>	<b>9.8</b>	<b>10,770,167</b>	<b>17.2</b>	<b>12,918,752</b>	<b>20.6</b>	<b>3,549,721</b>	<b>5.7</b>

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

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
	Public Institutions											
<b>Research Universities I</b>												
NC State	1,539,301	18.8	648,387	7.9	436,297	5.3	13,285	0.2	1,529,929	18.7	164,304	2.0
NC State Veterinary Med	67,745	19.3	7,722	2.2	24,445	7.0	64,510	18.4	179	0.1	0	0.0
UNC-Chapel Hill	713,346	10.3	757,048	11.0	428,678	6.2	22,030	0.3	1,892,675	27.4	146,741	2.1
UNC-Chapel Hill Health Aff.	159,258	6.5	84,550	3.4	29,725	1.2	156,410	6.3	-	-	122,885	5.0
<b>Subtotal</b>	<b>2,479,650</b>	<b>13.9</b>	<b>1,497,707</b>	<b>8.4</b>	<b>919,145</b>	<b>5.1</b>	<b>256,235</b>	<b>1.4</b>	<b>3,422,783</b>	<b>19.1</b>	<b>433,930</b>	<b>2.4</b>
<b>Doctoral Universities I and II</b>												
East Carolina	319,631	9.8	309,965	9.5	152,888	4.7	4,966	0.2	827,722	25.3	278,426	8.5
East Carolina Health Aff.	44,707	5.9	7,478	1.0	37,094	4.9	112,343	14.7	-	-	12,513	1.6
NC A&T	265,256	12.4	212,693	9.9	198,726	9.3	6,519	0.3	429,127	20.0	2,456	0.1
UNC Charlotte	188,404	6.4	343,524	11.6	64,295	2.2	8,100	0.3	800,502	27.0	70,281	2.4
UNC Greensboro	115,521	4.5	378,265	14.7	253,901	9.9	9,944	0.4	667,550	25.9	6,425	0.2
<b>Subtotal</b>	<b>933,519</b>	<b>8.0</b>	<b>1,251,925</b>	<b>10.7</b>	<b>706,904</b>	<b>6.0</b>	<b>141,872</b>	<b>1.2</b>	<b>2,724,901</b>	<b>23.3</b>	<b>370,101</b>	<b>3.2</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>												
Appalachian	354,094	14.1	379,293	15.1	80,255	3.2	11,733	0.5	724,317	28.8	15,873	0.6
Fayetteville	77,633	10.6	110,439	15.0	19,020	2.6	2,319	0.3	174,091	23.7	0	0.0
NC Central	124,486	9.1	131,601	9.6	30,428	2.2	2,010	0.1	267,628	19.6	201,638	14.8
UNC Pembroke	86,631	9.9	115,359	13.2	51,100	5.8	2,612	0.3	288,330	33.0	0	0.0
UNC Wilmington	115,885	5.3	273,820	12.6	86,047	4.0	4,531	0.2	774,092	35.6	74,982	3.4
Western Carolina	203,944	10.5	305,369	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
<b>Subtotal</b>	<b>1,030,947</b>	<b>9.6</b>	<b>1,436,027</b>	<b>13.4</b>	<b>361,333</b>	<b>3.4</b>	<b>31,572</b>	<b>0.3</b>	<b>3,306,977</b>	<b>30.9</b>	<b>342,867</b>	<b>3.2</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>												
Elizabeth City	102,551	12.2	99,989	11.9	18,324	2.2	4,862	0.6	309,324	36.9	25,670	3.1
UNC Asheville	74,542	9.4	101,724	12.9	37,947	4.8	1,207	0.2	180,603	22.9	42,684	5.4
<b>Subtotal</b>	<b>177,093</b>	<b>10.9</b>	<b>201,713</b>	<b>12.4</b>	<b>56,271</b>	<b>3.5</b>	<b>6,069</b>	<b>0.4</b>	<b>489,927</b>	<b>30.1</b>	<b>68,354</b>	<b>4.2</b>
<b>Schools of Art, Music, and Design</b>												
UNC School of the Arts	27,303	3.7	118,212	16.0	58,221	7.9	3,073	0.4	158,753	21.5	49,349	6.7
<b>Subtotal</b>	<b>27,303</b>	<b>3.7</b>	<b>118,212</b>	<b>16.0</b>	<b>58,221</b>	<b>7.9</b>	<b>3,073</b>	<b>0.4</b>	<b>158,753</b>	<b>21.5</b>	<b>49,349</b>	<b>6.7</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	32,493	2.4	62,294	4.6	85,493	6.3	736,524	54.2	3,785	0.3	41,893	3.1
<b>Subtotal</b>	<b>32,493</b>	<b>2.4</b>	<b>62,294</b>	<b>4.6</b>	<b>85,493</b>	<b>6.3</b>	<b>736,524</b>	<b>54.2</b>	<b>3,785</b>	<b>0.3</b>	<b>41,893</b>	<b>3.1</b>
<b>Community Colleges</b>												
Alamance	4,026	1.7	17,907	7.8	9,325	4.0	-	-	627	0.3	0	0.0
Asheville-Buncombe	17,126	3.3	51,595	9.8	17,640	3.4	980	0.2	-	-	9,841	1.9
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	6,403	2.2	52,153	18.0	12,991	4.5	-	-	-	-	0	0.0
Brunswick	29,789	13.1	52,800	23.3	11,833	5.2	112	0.0	-	-	0	0.0
Caldwell	18,526	5.5	52,599	15.5	16,146	4.8	-	-	-	-	296	0.1
Cape Fear	24,879	5.3	30,945	6.6	19,538	4.2	-	-	277	0.1	3,127	0.7
Carteret	6,930	4.2	8,402	5.1	6,863	4.2	-	-	-	-	0	0.0
Catawba Valley	36,966	10.1	29,864	8.1	2,633	0.7	-	-	-	-	39,652	10.8
Central Carolina	11,379	3.2	33,291	9.5	2,134	0.6	-	-	-	-	2,201	0.6
Central Piedmont	15,171	1.2	119,928	9.6	66,279	5.3	-	-	-	-	55,014	4.4
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	-	-	35,683	15.2	11,676	5.0	-	-	-	-	294	0.1
Craven	2,565	1.2	21,444	10.3	1,814	0.9	-	-	-	-	280	0.1
Davidson County	19,653	6.5	25,059	8.3	17,393	5.7	142	0.0	-	-	1,277	0.4
Durham	2,555	0.8	23,492	7.0	41,098	12.2	-	-	-	-	1,000	0.3
Edgecombe	770	0.5	37,979	22.5	7,420	4.4	-	-	-	-	529	0.3
Fayetteville	22,328	3.8	46,426	8.0	26,245	4.5	378	0.1	-	-	0	0.0
Forsyth	15,041	2.9	51,821	10.1	10,807	2.1	-	-	-	-	10,857	2.1
Gaston	17,860	4.1	39,389	9.0	11,576	2.7	748	0.2	-	-	7,107	1.6
Guilford	31,309	3.4	60,523	6.7	51,617	5.7	-	-	-	-	112,093	12.3
Halifax	7,060	3.8	39,602	21.1	8,582	4.6	-	-	-	-	0	0.0
Haywood	2,436	1.0	36,694	15.8	10,016	4.3	-	-	-	-	3,504	1.5
Isothermal	22,920	10.5	34,442	15.8	13,371	6.1	-	-	-	-	0	0.0
James Sprunt	3,795	3.1	12,358	10.2	3,811	3.1	-	-	-	-	772	0.6
Johnston	15,689	5.0	35,347	11.3	20,330	6.5	-	-	1,513	0.5	0	0.0
Lenoir	27,021	8.8	49,308	16.1	17,902	5.9	-	-	-	-	5,541	1.8

**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	1.7	14,918	13.2	5,689	5.0	-	-	-	-	0	0.0
McDowell	818	0.7	22,625	19.3	6,388	5.5	-	-	-	-	0	0.0
Mitchell	17,457	7.1	36,619	14.8	9,633	3.9	-	-	-	-	7,857	3.2
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	16.6	3,340	6.0	-	-	-	-	0	0.0
Piedmont	-	-	15,300	10.8	13,668	9.6	-	-	-	-	0	0.0
Pitt	20,896	7.3	16,484	5.8	8,059	2.8	-	-	-	-	0	0.0
Randolph	2,441	0.9	25,054	9.7	36,361	14.1	-	-	-	-	2,242	0.9
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	11,137	9.5	-	-	-	-	0	0.0
Robeson	2,939	1.5	34,401	17.7	7,602	3.9	-	-	-	-	6,074	3.1
Rockingham	31,579	13.6	28,787	12.4	9,092	3.9	-	-	-	-	5,019	2.2
Rowan-Cabarrus	4,071	1.1	39,134	10.3	18,903	5.0	-	-	-	-	10,215	2.7
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	17.5	6,983	2.6	-	-	-	-	73,900	27.6
Southeastern	13,430	7.4	16,568	9.1	5,055	2.8	-	-	-	-	0	0.0
Southwestern	14,239	7.8	23,501	12.9	9,238	5.1	-	-	-	-	0	0.0
Stanly	1,644	1.1	17,982	12.5	6,565	4.5	-	-	-	-	1,330	0.9
Surry	17,419	6.5	22,605	8.4	12,085	4.5	-	-	-	-	0	0.0
Tri-County	-	-	16,400	14.1	7,221	6.2	-	-	-	-	0	0.0
Vance-Granville	1,351	0.6	37,886	15.5	6,508	2.7	-	-	-	-	0	0.0
Wake	22,762	3.1	42,075	5.7	41,603	5.6	140	0.0	-	-	39,805	5.4
Wayne	9,085	3.8	22,557	9.3	14,375	5.9	131	0.1	-	-	0	0.0
Western Piedmont	1,981	0.7	33,282	11.6	14,420	5.0	-	-	-	-	51,307	17.9
Wilkes	22,274	7.6	51,249	17.6	23,845	8.2	-	-	-	-	1,205	0.4
Wilson	229	0.2	13,241	9.1	9,289	6.4	-	-	-	-	0	0.0
<b>Subtotal</b>	<b>619,238</b>	<b>3.8</b>	<b>1,884,010</b>	<b>11.6</b>	<b>781,282</b>	<b>4.8</b>	<b>2,731</b>	<b>0.0</b>	<b>8,049</b>	<b>0.0</b>	<b>452,339</b>	<b>2.8</b>
<b>Private Institutions</b>												
<b>NC Private Universities</b>												
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	139,424	13.0	21,724	2.0	1,909	0.2	419,085	39.0	15,584	1.4
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	41,828	10.7	45,797	11.7	13,676	3.5	410	0.1	124,909	32.0	18,372	4.7
<b>Subtotal</b>	<b>257,470</b>	<b>10.9</b>	<b>358,249</b>	<b>15.2</b>	<b>57,661</b>	<b>2.4</b>	<b>5,351</b>	<b>0.2</b>	<b>798,610</b>	<b>33.9</b>	<b>67,636</b>	<b>2.9</b>
<b>Grand Total</b>	<b>5,557,713</b>	<b>8.9</b>	<b>6,810,137</b>	<b>10.9</b>	<b>3,026,310</b>	<b>4.8</b>	<b>1,183,427</b>	<b>1.9</b>	<b>10,913,785</b>	<b>17.4</b>	<b>1,826,469</b>	<b>2.9</b>

**TABLE 16:**

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

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

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

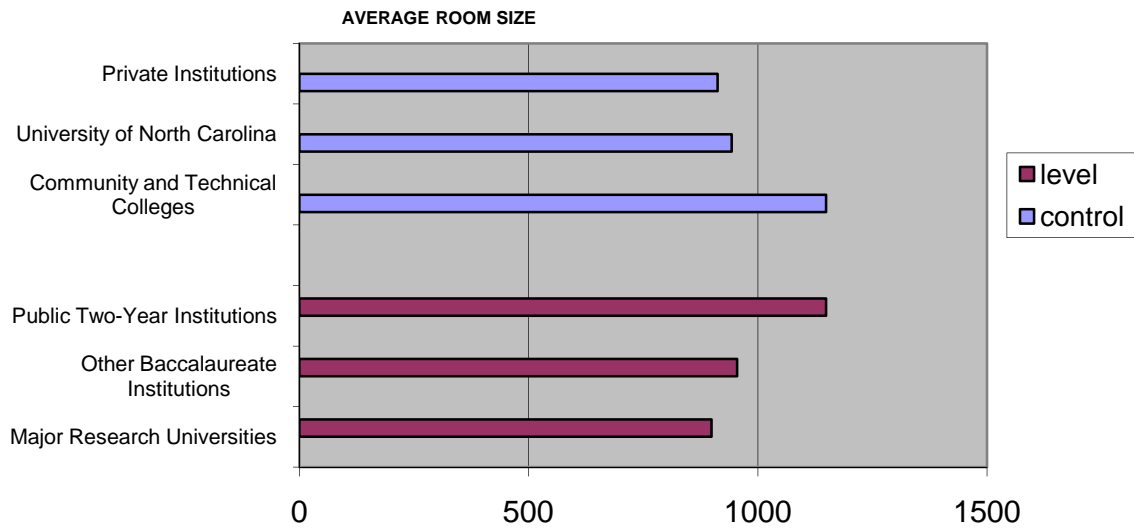
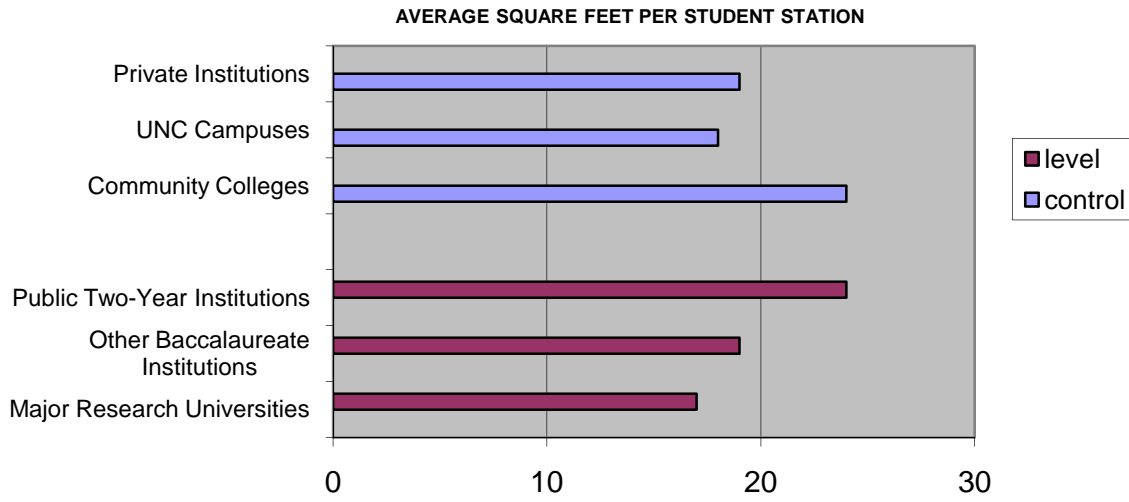
Assignable Square Feet Per Station Criteria

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				
			Public Institutions						
<b>Research Universities I</b>									
NC State	266	15,810	59	264,355	17	16	16	16	16
NC State Veterinary Med	5	371	74	7,248	20	20	17	17	17
UNC-Chapel Hill	318	15,868	50	280,519	18	18	18	18	18
UNC-Chapel Hill Health Aff.	78	3,367	43	59,723	18	17	17	17	17
<b>Subtotal</b>	<b>667</b>	<b>35,416</b>	<b>53</b>	<b>611,845</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>
<b>Doctoral Universities I and II</b>									
East Carolina	205	10,426	51	180,374	17	17	16	16	16
East Carolina Health Aff.	45	1,945	43	35,661	18	18	18	18	18
NC A&T	173	7,025	41	135,965	19	19	20	19	19
UNC Charlotte	193	10,751	56	181,578	17	17	17	17	16
UNC Greensboro	129	7,690	60	128,798	17	17	17	17	17
<b>Subtotal</b>	<b>745</b>	<b>37,837</b>	<b>51</b>	<b>662,376</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>									
Appalachian	183	7,712	42	149,138	19	19	19	19	20
Fayetteville	62	2,401	39	48,723	20	20	23	21	21
NC Central	131	5,866	45	102,673	18	18	18	17	17
UNC Pembroke	89	3,416	38	67,992	20	20	20	19	18
UNC Wilmington	153	6,879	45	137,774	20	19	19	19	18
Western Carolina	106	4,027	38	85,982	21	21	22	22	22
Winston-Salem	83	3,551	43	68,708	19	19	19	19	19
<b>Subtotal</b>	<b>807</b>	<b>33,852</b>	<b>42</b>	<b>660,990</b>	<b>20</b>	<b>19</b>	<b>20</b>	<b>19</b>	<b>19</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>									
Elizabeth City	70	2,894	41	51,029	18	18	17	17	17
UNC Asheville	64	2,146	34	47,177	22	22	22	22	22
<b>Subtotal</b>	<b>134</b>	<b>5,040</b>	<b>38</b>	<b>98,206</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>18</b>
<b>Schools of Art, Music, and Design</b>									
UNC School of the Arts	52	1,181	23	28,971	25	24	24	24	24
<b>Subtotal</b>	<b>52</b>	<b>1,181</b>	<b>23</b>	<b>28,971</b>	<b>25</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>
<b>Community Colleges</b>									
Alamance	96	3,002	31	68,146	23	21	21	20	20
Asheville-Buncombe	127	3,634	29	95,272	26	27	27	26	26
Beaufort Co.	49	1,861	38	36,635	20	23	24	27	27
Bladen	41	1,081	26	24,855	23	22	23	23	23
Blue Ridge	75	1,930	26	60,853	32	31	31	29	29
Brunswick	66	2,130	32	47,331	22	22	23	23	22
Caldwell	105	3,082	29	84,787	28	27	27	27	27
Cape Fear	121	3,720	31	100,481	27	26	25	26	26
Carteret	62	1,519	25	40,869	27	27	27	26	26
Catawba Valley	77	2,293	30	58,394	25	26	26	25	24
Central Carolina	158	4,564	29	105,749	23	23	23	23	23
Central Piedmont	401	12,301	31	331,540	27	26	26	26	25
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	75	2,027	27	60,870	30	30	30	30	31
Craven	79	1,853	23	48,420	26	23	22	22	22
Davidson County	93	3,130	34	67,354	22	22	22	22	22
Durham	116	3,888	34	83,402	21	21	21	21	21
Edgecombe	64	1,717	27	33,826	20	20	19	19	20
Fayetteville	206	8,905	43	147,719	17	17	17	17	16
Forsyth	148	4,360	29	104,766	24	23	24	22	22
Gaston	115	3,896	34	86,396	22	23	23	23	23
Guilford	283	8,200	29	202,563	25	25	25	25	25
Halifax	47	1,290	27	36,899	29	29	29	26	25
Haywood	42	1,125	27	28,109	25	25	24	24	24
Isothermal	53	1,829	35	37,720	21	21	21	20	20
James Sprunt	43	1,188	28	28,653	24	24	24	23	24
Johnston	113	3,345	30	80,250	24	24	24	25	25
Lenoir	96	2,603	27	71,431	27	27	27	26	26
Martin	28	759	27	21,903	29	29	29	31	28
Mayland	44	1,140	26	29,985	26	31	31	31	31
McDowell	37	1,125	30	26,524	24	23	24	24	25
Mitchell	98	2,875	29	64,880	23	22	22	22	22

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

Institution	No. of Rooms	No. of Student Stations	Ave.	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
			Stu Sta Per Room						
Montgomery	26	773	30	18,419	24	24	23	21	21
Nash	57	1,913	34	46,002	24	24	24	24	25
Pamlico	21	483	23	13,849	29	29	29	31	28
Piedmont	51	1,255	25	35,616	28	28	27	27	27
Pitt	78	2,461	32	61,160	25	25	24	24	24
Randolph	85	2,401	28	54,883	23	22	23	25	25
Richmond	58	1,940	33	39,427	20	20	20	19	19
Roanoke-Chowan	33	890	27	17,887	20	20	20	19	19
Robeson	55	1,814	33	40,063	22	22	22	22	22
Rockingham	50	1,715	34	39,234	23	23	23	21	21
Rowan-Cabarrus	114	3,582	31	83,373	23	23	23	22	22
Sampson	42	1,382	33	31,401	23	22	23	23	23
Sandhills	86	3,115	36	69,515	22	22	22	22	22
South Piedmont	57	1,462	26	36,902	25	25	25	23	24
Southeastern	52	2,172	42	45,872	21	20	19	19	18
Southwestern	56	1,264	23	38,182	30	30	31	31	30
Stanly	57	2,048	36	36,474	18	18	17	17	17
Surry	80	2,533	32	65,958	26	26	26	26	26
Tri-County	44	1,086	25	31,062	29	28	28	23	23
Vance-Granville	77	2,499	32	55,667	22	23	22	23	23
Wake	206	7,140	35	164,826	23	23	22	22	22
Wayne	63	1,999	32	41,954	21	21	21	22	22
Western Piedmont	61	1,926	32	59,442	31	28	27	26	25
Wilkes	92	2,951	32	57,470	19	20	20	20	19
Wilson	53	1,796	34	40,094	22	22	21	24	24
<b>Subtotal</b>	<b>4,966</b>	<b>153,724</b>	<b>31</b>	<b>3,643,405</b>	<b>24</b>	<b>24</b>	<b>23</b>	<b>23</b>	<b>23</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	40	1,678	42	27,919	17	17	17	17	17
Campbell	90	4,567	51	86,960	19	19	18	18	18
Mars Hill	53	1,614	30	36,188	22	22	22	22	22
Pfeiffer	52	1,901	37	37,294	20	20	20	20	20
<b>Subtotal</b>	<b>235</b>	<b>9,760</b>	<b>42</b>	<b>188,361</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
<b>Grand Total</b>	<b>7,606</b>	<b>276,810</b>	<b>36</b>	<b>5,894,154</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>

## TABLE 17:

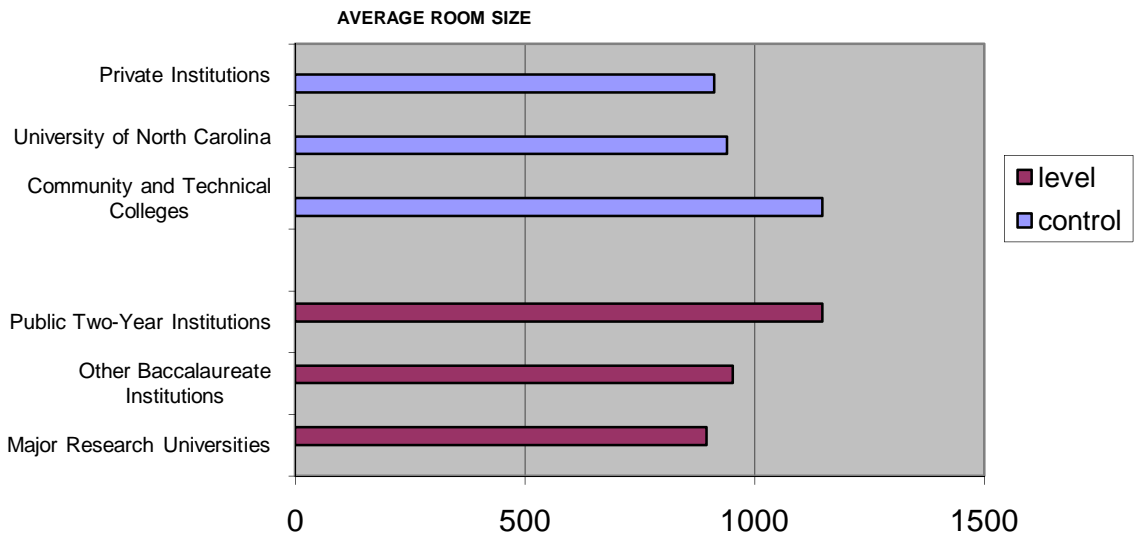
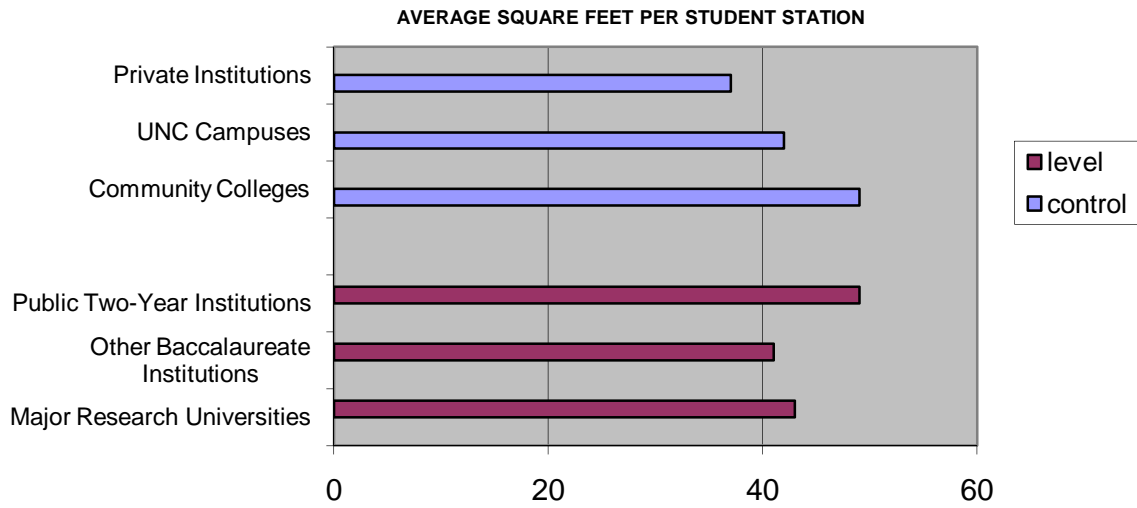
### ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions 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	Public Institutions		Total Assignable				
				Sq. Ft.	Sq. Ft. Per Student Station	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.
<b>Research Universities I</b>										
NC State	251	5,951	24	253,530	43	44	47	48	44	
NC State Veterinary Med	3	92	31	8,262	90	90	90	90	90	
UNC-Chapel Hill	124	2,539	20	99,664	39	40	40	39	38	
UNC-Chapel Hill Health Aff.	61	788	13	33,130	42	41	41	51	46	
<b>Subtotal</b>	<b>439</b>	<b>9,370</b>	<b>21</b>	<b>394,586</b>	<b>42</b>	<b>43</b>	<b>45</b>	<b>47</b>	<b>43</b>	
<b>Doctoral Universities I and II</b>										
East Carolina	148	3,788	26	144,056	38	38	42	42	41	
East Carolina Health Aff.	45	766	17	29,742	39	39	60	60	62	
NC A&T	205	3,918	19	157,609	40	41	44	42	40	
UNC Charlotte	153	3,916	26	158,317	40	43	40	45	46	
UNC Greensboro	83	2,215	27	105,376	48	48	47	47	43	
<b>Subtotal</b>	<b>634</b>	<b>14,603</b>	<b>23</b>	<b>595,100</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>43</b>	
<b>Master's (Comprehensive) Universities and Colleges I</b>										
Appalachian	108	2,428	22	108,260	45	45	45	44	46	
Fayetteville	37	1,184	32	37,873	32	28	30	34	32	
NC Central	62	1,370	22	53,365	39	39	39	38	38	
UNC Pembroke	34	564	17	23,646	42	42	42	43	41	
UNC Wilmington	77	1,780	23	76,641	43	43	43	43	40	
Western Carolina	67	1,771	26	74,425	42	42	42	41	41	
Winston-Salem	59	1,500	25	52,277	35	35	35	35	36	
<b>Subtotal</b>	<b>444</b>	<b>10,597</b>	<b>24</b>	<b>426,487</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>										
Elizabeth City	65	1,452	22	56,080	39	37	37	37	37	
UNC Asheville	41	850	21	40,511	48	47	44	42	42	
<b>Subtotal</b>	<b>106</b>	<b>2,302</b>	<b>22</b>	<b>96,591</b>	<b>42</b>	<b>41</b>	<b>39</b>	<b>39</b>	<b>39</b>	
<b>Schools of Art, Music, and Design</b>										
UNC School of the Arts	66	1,606	24	79,775	50	50	51	52	52	
<b>Subtotal</b>	<b>66</b>	<b>1,606</b>	<b>24</b>	<b>79,775</b>	<b>50</b>	<b>50</b>	<b>51</b>	<b>52</b>	<b>52</b>	
<b>Community Colleges</b>										
Alamance	53	1,283	24	58,056	45	45	45	42	43	
Asheville-Buncombe	117	3,087	26	149,195	48	50	50	47	53	
Beaufort Co.	33	1,202	36	50,483	42	46	57	58	58	
Bladen	24	536	22	30,831	58	58	65	65	65	
Blue Ridge	53	1,163	22	85,124	73	77	83	93	93	
Brunswick	25	539	22	29,232	54	54	54	56	54	
Caldwell	61	1,290	21	70,354	55	55	55	57	52	
Cape Fear	114	2,765	24	138,783	50	51	54	53	53	
Carteret	45	1,037	23	54,322	52	52	53	55	53	
Catawba Valley	95	1,946	20	99,873	51	52	58	59	59	
Central Carolina	88	2,138	24	89,430	42	41	41	41	39	
Central Piedmont	145	3,322	23	220,644	66	64	66	68	60	
Cleveland	64	1,386	22	53,482	39	39	42	42	42	
Coastal Carolina	57	1,487	26	69,047	46	46	46	46	47	
Coll. of Albemarle	50	987	20	48,232	49	48	62	65	59	
Craven	43	905	21	56,709	63	49	50	47	47	
Davidson County	59	1,610	27	64,777	40	41	41	40	41	
Durham	76	1,752	23	81,317	46	50	50	50	51	
Edgecombe	41	858	21	40,792	48	48	47	45	45	
Fayetteville	141	3,656	26	154,505	42	42	41	40	39	
Forsyth	104	2,301	22	126,259	55	55	55	57	53	
Gaston	64	1,722	27	74,320	43	43	47	49	50	
Guilford	155	3,191	21	170,651	53	54	57	57	58	
Halifax	30	639	21	38,142	60	60	60	62	62	
Haywood	77	1,363	18	89,747	66	57	59	57	63	
Isothermal	47	1,068	23	51,104	48	48	48	49	49	
James Sprunt	21	503	24	19,958	40	40	41	37	36	
Johnston	52	1,276	25	63,731	50	50	52	54	53	
Lenoir	52	1,207	23	51,510	43	42	46	50	48	
Martin	25	578	23	32,022	55	55	46	41	44	
Mayland	17	387	23	20,443	53	51	54	54	54	
McDowell	21	573	27	28,176	49	46	46	46	46	
Mitchell	39	918	24	40,318	44	44	45	45	46	

**Table 17. Assignable Area Per Student Station for Class Laboratories**

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
Montgomery	19	343	18	18,487	54	56	56	43	43
Nash	34	750	22	36,541	49	49	49	49	50
Pamlico	14	257	18	10,568	41	41	41	41	41
Piedmont	28	726	26	29,971	41	41	41	42	43
Pitt	86	1,496	17	75,191	50	50	49	49	49
Randolph	52	1,198	23	72,216	60	62	56	57	54
Richmond	39	837	21	41,376	49	48	48	48	48
Roanoke-Chowan	17	418	25	18,634	45	45	45	50	51
Robeson	39	1,061	27	44,936	42	43	50	50	39
Rockingham	47	1,211	26	60,733	50	51	51	50	50
Rowan-Cabarrus	80	1,868	23	97,309	52	55	61	59	60
Sampson	26	585	23	34,582	59	57	57	56	57
Sandhills	56	1,245	22	52,628	42	43	44	44	43
South Piedmont	39	852	22	37,507	44	44	44	41	44
Southeastern	33	887	27	34,659	39	37	37	37	37
Southwestern	37	662	18	36,965	56	56	57	57	58
Stanly	29	1,090	38	35,910	33	32	32	32	32
Surry	52	1,411	27	67,598	48	48	49	49	52
Tri-County	31	616	20	33,790	55	61	63	55	55
Vance-Granville	60	1,605	27	65,487	41	40	41	43	43
Wake	160	3,571	22	178,884	50	50	51	53	54
Wayne	49	1,394	28	54,815	39	39	40	40	46
Western Piedmont	50	994	20	52,162	52	49	49	49	48
Wilkes	50	1,371	27	55,736	41	42	43	43	45
Wilson	34	739	22	36,039	49	51	53	53	54
<b>Subtotal</b>	<b>3,249</b>	<b>75,862</b>	<b>23</b>	<b>3,734,293</b>	<b>49</b>	<b>49</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	20	475	24	17,122	36	36	36	37	37
Campbell	32	945	30	29,282	31	31	31	29	29
Mars Hill	27	682	25	28,040	41	41	40	34	34
Pfeiffer	25	484	19	20,454	42	42	42	42	42
<b>Subtotal</b>	<b>104</b>	<b>2,586</b>	<b>25</b>	<b>94,898</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>35</b>	<b>35</b>
<b>Grand Total</b>	<b>5,042</b>	<b>116,926</b>	<b>23</b>	<b>5,421,730</b>	<b>46</b>	<b>46</b>	<b>47</b>	<b>48</b>	<b>47</b>







**Balsam and Blue Ridge Residence Halls, Western Carolina University**

The latest residence halls to open at Western Carolina University provide more than just a place for 800 students to sleep, but also a new campus conference facility, and headquarters for the university’s Honors College. Balsam and Blue Ridge, built as a \$50 million construction project, are connected by an arch with a student study area overlooking the Alumni Tower and lawn of A.K. Hinds University Center. Blue Ridge opened in Fall 2010 to 375 students and Balsam opened last fall to 425 students. The 234,818 square foot facility was developed as part of a plan to create a more pedestrian friendly center of campus.

**Building Characteristics**

Ownership of Buildings . . . . .	109
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**TABLE 18:**  
**OWNERSHIP OF BUILDINGS**

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

- 1** Owned in fee simple.
- 2** Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.
- 3** Title vested in holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements).
- 4** Not owned by the institution, but leased or rented to the institution at a typical local rate.
- 5** Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.
- 6** Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.
- 7** Not owned by the institution, but shared with another postsecondary educational institution.
- 8** Other (e.g., not owned by the institution, but shared with a noneducational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

**Table 18. Ownership of Buildings**

Institution	1 Owned		2 Institution Amortization		3 Holding Co. Amortization		4 Leased or Rented		5 Nominal Rate		Other GSF	%	Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%			
<b>Research Universities I</b>													
NC State ***	11,622,217	77.1	2,948,409	19.6	-	-	310,256	2.1	167,587	1.1	16,452	0.1	15,064,921
NC State Veterinary Med	548,142	100.0	-	-	-	-	-	-	-	-	-	-	548,142
UNC-Chapel Hill ***	12,220,892	97.0	-	-	68,760	0.5	106,107	0.8	-	-	209,180	1.7	12,604,939
UNC-Chapel Hill Health Aff.**	5,093,947	82.5	537,875	8.7	128,275	2.1	379,477	6.1	-	-	37,336	0.6	6,176,910
<b>Subtotal</b>	<b>29,485,198</b>	<b>85.7</b>	<b>3,486,284</b>	<b>10.1</b>	<b>197,035</b>	<b>0.6</b>	<b>795,840</b>	<b>2.3</b>	<b>167,587</b>	<b>0.5</b>	<b>262,968</b>	<b>0.8</b>	<b>34,394,912</b>
<b>Doctoral Universities I and II</b>													
East Carolina	4,710,654	98.5	-	-	-	-	45,531	1.0	26,090	0.5	-	-	4,782,275
East Carolina Health Aff.	1,239,935	91.0	-	-	-	-	89,718	6.6	32,368	2.4	-	-	1,362,021
NC A&T	3,015,747	99.4	-	-	-	-	18,940	0.6	-	-	-	-	3,034,687
UNC Charlotte	4,919,527	72.9	1,690,242	25.0	137,999	2.0	-	-	-	-	-	-	6,747,768
UNC-Greensboro**	5,311,012	95.2	-	-	208,046	3.7	26,380	0.5	5,091	0.1	31,063	0.6	5,581,592
<b>Subtotal</b>	<b>19,196,875</b>	<b>89.3</b>	<b>1,690,242</b>	<b>7.9</b>	<b>346,045</b>	<b>1.6</b>	<b>180,569</b>	<b>0.8</b>	<b>63,549</b>	<b>0.3</b>	<b>31,063</b>	<b>0.1</b>	<b>21,508,343</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>													
Appalachian	2,652,325	61.3	1,670,517	38.6	-	-	7,010	0.2	-	-	-	-	4,329,852
Fayetteville	1,007,052	80.5	243,574	19.5	-	-	-	-	-	-	-	-	1,250,626
NC Central	2,021,970	93.8	134,292	6.2	-	-	-	-	-	-	-	-	2,156,262
UNC Pembroke	1,119,682	83.3	-	-	89,078	6.6	135,311	10.1	-	-	-	-	1,344,071
UNC Wilmington	2,646,585	70.4	324,386	8.6	738,804	19.7	47,563	1.3	-	-	-	-	3,757,338
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
<b>Subtotal</b>	<b>12,573,878</b>	<b>71.5</b>	<b>3,173,756</b>	<b>18.1</b>	<b>1,539,516</b>	<b>8.8</b>	<b>295,547</b>	<b>1.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,582,697</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>													
Elizabeth City	950,442	76.1	152,476	12.2	145,678	11.7	-	-	-	-	-	-	1,248,596
UNC Asheville	1,020,494	77.0	304,968	23.0	-	-	-	-	-	-	-	-	1,325,462
<b>Subtotal</b>	<b>1,970,936</b>	<b>76.6</b>	<b>457,444</b>	<b>17.8</b>	<b>145,678</b>	<b>5.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,574,058</b>
<b>Schools of Art, Music, and Design</b>													
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
<b>Subtotal</b>	<b>838,662</b>	<b>79.6</b>	<b>102,782</b>	<b>9.7</b>	<b>80,440</b>	<b>7.6</b>	<b>5,260</b>	<b>0.5</b>	<b>27,053</b>	<b>2.6</b>	<b>-</b>	<b>-</b>	<b>1,054,197</b>
<b>Teaching Hospitals</b>													
UNC Hospitals**	2,434,713	97.4	-	-	-	-	57,815	2.3	-	-	6,721	0.3	2,499,249
<b>Subtotal</b>	<b>2,434,713</b>	<b>97.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57,815</b>	<b>2.3</b>	<b>-</b>	<b>-</b>	<b>6,721</b>	<b>0.3</b>	<b>2,499,249</b>
<b>Community Colleges</b>													
Alamance	314,125	82.7	-	-	-	-	65,628	17.3	-	-	-	-	379,753
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	350,237	100.0	-	-	-	-	-	-	-	-	-	-	350,237
Caldwell	490,265	100.0	-	-	-	-	-	-	-	-	-	-	490,265
Cape Fear	712,708	95.1	-	-	-	-	-	-	36,529	4.9	-	-	749,237
Carteret**	217,402	91.9	-	-	-	-	8,078	3.4	-	-	11,150	4.7	236,630
Catawba Valley	455,712	85.7	63,788	12.0	-	-	-	-	12,226	2.3	-	-	531,726
Central Carolina	419,234	84.0	-	-	-	-	8,232	1.6	71,690	14.4	-	-	499,156
Central Piedmont	3,062,444	98.9	-	-	-	-	-	-	33,423	1.1	-	-	3,095,867
Cleveland	288,695	97.8	-	-	-	-	6,538	2.2	-	-	-	-	295,233
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	284,502	76.2	-	-	-	-	4,440	1.2	84,391	22.6	-	-	373,333
Craven	312,947	99.3	-	-	-	-	-	-	2,060	0.7	-	-	315,007
Davidson County	442,502	98.8	-	-	-	-	5,329	1.2	-	-	-	-	447,831
Durham	493,195	99.0	-	-	-	-	5,044	1.0	-	-	-	-	498,239
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	584,939	89.6	-	-	-	-	67,959	10.4	-	-	-	-	652,898
Guilford	1,276,428	94.8	-	-	-	-	68,783	5.1	1,057	0.1	-	-	1,346,268
Halifax	268,984	97.7	-	-	-	-	6,337	2.3	-	-	-	-	275,321
Haywood	318,488	100.0	-	-	-	-	-	-	-	-	-	-	318,488
Isothermal	301,583	92.7	-	-	-	-	23,890	7.3	-	-	-	-	325,473
James Sprunt	162,693	95.2	-	-	-	-	-	-	8,264	4.8	-	-	170,957
Johnston	359,546	81.4	-	-	-	-	35,096	7.9	46,901	10.6	-	-	441,543

**Table 18. Ownership of Buildings**

Institution	1		2		3		4		5		Other		Total Gross Sq. Ft.
	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		GSF		
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Lenoir	413,173	99.0	-	-	-	-	4,321	1.0	-	-	-	-	417,494
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	149,822	93.9	-	-	-	-	-	-	9,800	6.1	-	-	159,622
McDowell	159,319	100.0	-	-	-	-	-	-	-	-	-	-	159,319
Mitchell	322,890	89.4	-	-	-	-	8,320	2.3	29,947	8.3	-	-	361,157
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
Nash	258,515	100.0	-	-	-	-	-	-	-	-	-	-	258,515
Pamlico	86,755	100.0	-	-	-	-	-	-	-	-	-	-	86,755
Piedmont	182,713	100.0	-	-	-	-	-	-	-	-	-	-	182,713
Pitt	445,518	100.0	-	-	-	-	-	-	-	-	-	-	445,518
Randolph	333,854	97.6	-	-	-	-	8,275	2.4	-	-	-	-	342,129
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	398,358	76.9	62,333	12.0	-	-	19,525	3.8	37,880	7.3	-	-	518,096
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	452,425	98.1	-	-	-	-	8,662	1.9	-	-	-	-	461,087
South Piedmont	354,206	99.9	-	-	-	-	-	-	440	0.1	-	-	354,646
Southeastern	247,000	98.0	-	-	-	-	5,149	2.0	-	-	-	-	252,149
Southwestern	249,530	97.0	-	-	-	-	-	-	7,654	3.0	-	-	257,184
Stanly	190,474	93.3	-	-	-	-	13,582	6.7	-	-	-	-	204,056
Surry	364,062	96.0	-	-	-	-	-	-	15,118	4.0	-	-	379,180
Tri-County	135,989	89.8	-	-	-	-	-	-	15,500	10.2	-	-	151,489
Vance-Granville	381,903	97.9	-	-	-	-	8,306	2.1	-	-	-	-	390,209
Wake	1,049,851	89.8	-	-	-	-	87,040	7.4	32,150	2.8	-	-	1,169,041
Wayne	389,067	100.0	-	-	-	-	-	-	-	-	-	-	389,067
Western Piedmont	306,430	76.8	-	-	-	-	-	-	92,382	23.2	-	-	398,812
Wilkes	391,634	96.4	-	-	-	-	14,737	3.6	-	-	-	-	406,371
Wilson	206,079	98.5	-	-	-	-	-	-	3,240	1.5	-	-	209,319
<b>Subtotal</b>	<b>23,934,731</b>	<b>94.9</b>	<b>126,121</b>	<b>0.5</b>	<b>8,379</b>	<b>0.0</b>	<b>497,191</b>	<b>2.0</b>	<b>623,594</b>	<b>2.5</b>	<b>29,063</b>	<b>0.1</b>	<b>25,219,079</b>
<b>Private Institutions</b>													
<b>NC Private Universities</b>													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,552,514	100.0	-	-	-	-	-	-	-	-	-	-	1,552,514
Mars Hill	791,814	100.0	-	-	-	-	-	-	-	-	-	-	791,814
Pfeiffer	450,139	80.6	108,010	19.4	-	-	-	-	-	-	-	-	558,149
<b>Subtotal</b>	<b>3,289,633</b>	<b>96.8</b>	<b>108,010</b>	<b>3.2</b>	-	-	-	-	-	-	-	-	<b>3,397,643</b>
<b>Grand Total</b>	<b>93,724,626</b>	<b>86.6</b>	<b>9,144,639</b>	<b>8.4</b>	<b>2,317,093</b>	<b>2.1</b>	<b>1,832,222</b>	<b>1.7</b>	<b>881,783</b>	<b>0.8</b>	<b>329,815</b>	<b>0.3</b>	<b>108,230,178</b>

\*Other is Category 6

\*\*\*Other is Category 8

**TABLES 19 & 20:**  
**CAPITAL INVESTMENT IN BUILDINGS**

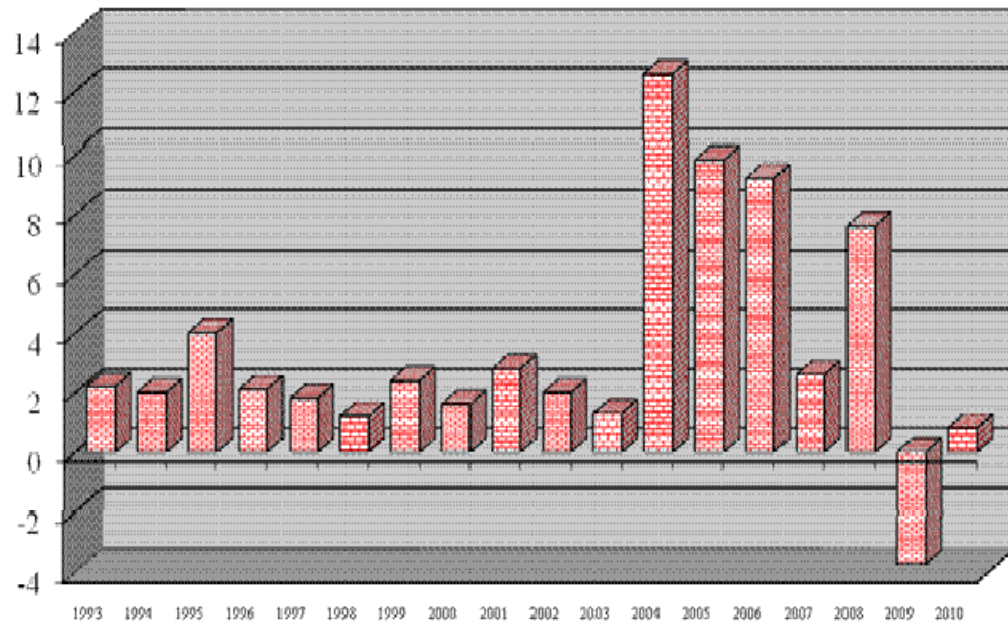
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication are derived by computing an average of the construction cost increases for Asheville, Charlotte, Durham, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. The following are the factors which have been used to increase the estimated replacement values each year. For the first time in the history of this publication, the construction cost factor reported by R.S. Means reflects a negative multiplier for the current year of building replacement costs. This decrease in building values reflects the downward trend of property and building values both nationally and across North Carolina.

<u>Annual</u> <u>Year</u> <u>Increase</u>	<u>Annual</u> <u>Year</u> <u>Increase</u>	<u>Annual</u> <u>Year</u> <u>Increase</u>
1993    2.2%	1999    2.4%	2005    9.8%
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%

## 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
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	999	\$880,000,240	\$2,850,144,232	12,630,799	119	\$102,586,243	\$494,269,724	2,434,122
NC State Veterinary Med	43	\$47,308,446	\$70,593,045	548,142	-	-	-	-
UNC-Chapel Hill	269	\$957,618,717	\$2,197,779,134	9,264,038	91	\$187,716,351	\$467,247,498	3,340,901
UNC-Chapel Hill Health Aff.	103	\$639,738,490	\$1,297,323,818	6,176,910	-	-	-	-
<b>Subtotal</b>	<b>1,414</b>	<b>\$2,524,665,893</b>	<b>\$6,415,840,229</b>	<b>28,619,889</b>	<b>210</b>	<b>\$290,302,594</b>	<b>\$961,517,222</b>	<b>5,775,023</b>
<b>Doctoral Universities I and II</b>								
East Carolina	140	\$258,637,810	\$868,172,546	3,613,612	17	\$45,163,000	\$186,700,651	1,168,663
East Carolina Health Aff.	50	\$184,083,573	\$343,470,730	1,362,021	-	-	-	-
NC A&T	103	\$169,859,564	\$567,050,686	2,444,188	15	\$29,214,424	\$110,374,400	590,499
UNC Charlotte	64	\$486,815,420	\$907,325,217	5,299,303	56	\$94,866,543	\$198,424,636	1,448,465
UNC Greensboro	81	\$215,578,383	\$1,239,396,626	4,235,045	23	\$46,433,966	\$481,798,874	1,346,547
<b>Subtotal</b>	<b>438</b>	<b>\$1,314,974,750</b>	<b>\$3,925,415,805</b>	<b>16,954,169</b>	<b>111</b>	<b>\$215,677,933</b>	<b>\$977,298,561</b>	<b>4,554,174</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	66	\$336,218,102	\$678,917,548	3,158,183	21	\$53,245,565	\$163,803,043	1,171,669
Fayetteville	38	\$73,788,813	\$155,716,119	900,160	11	\$13,646,600	\$45,330,028	350,466
NC Central	48	\$129,479,015	\$275,799,079	1,468,697	14	\$31,366,329	\$95,497,380	687,565
UNC Pembroke	35	\$90,314,256	\$203,733,497	916,680	15	\$23,718,198	\$68,502,493	427,391
UNC Wilmington	98	\$268,263,575	\$443,268,626	2,468,948	53	\$141,005,998	\$195,715,148	1,288,390
Western Carolina	67	\$132,134,849	\$320,759,114	1,900,720	37	\$93,860,515	\$169,775,487	1,089,760
Winston-Salem	31	\$72,347,461	\$166,247,827	1,089,776	14	\$56,692,052	\$93,080,880	664,292
<b>Subtotal</b>	<b>383</b>	<b>\$1,102,546,071</b>	<b>\$2,244,441,810</b>	<b>11,903,164</b>	<b>165</b>	<b>\$413,535,257</b>	<b>\$831,704,459</b>	<b>5,679,533</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	37	\$72,509,915	\$173,194,202	767,511	24	\$22,972,690	\$56,091,759	481,085
UNC Asheville	28	\$94,363,514	\$237,259,450	1,005,427	12	\$33,392,427	\$81,078,438	320,035
<b>Subtotal</b>	<b>65</b>	<b>\$166,873,429</b>	<b>\$410,453,652</b>	<b>1,772,938</b>	<b>36</b>	<b>\$56,365,117</b>	<b>\$137,170,197</b>	<b>801,120</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	52	\$64,312,409	\$161,981,644	834,483	19	\$10,925,082	\$26,222,274	219,714
<b>Subtotal</b>	<b>52</b>	<b>\$64,312,409</b>	<b>\$161,981,644</b>	<b>834,483</b>	<b>19</b>	<b>\$10,925,082</b>	<b>\$26,222,274</b>	<b>219,714</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	30	\$138,544,106	\$368,578,339	2,499,249	-	-	-	-
<b>Subtotal</b>	<b>30</b>	<b>\$138,544,106</b>	<b>\$368,578,339</b>	<b>2,499,249</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>								
Alamance	12	\$27,309,943	\$60,700,755	379,081	1	\$4,000	\$17,778	672
Asheville-Buncombe	26	\$117,624,254	\$183,397,292	921,954	-	-	-	-
Beaufort Co.	16	\$15,038,835	\$31,097,450	240,348	-	-	-	-
Bladen	24	\$8,626,162	\$19,809,653	149,417	-	-	-	-
Blue Ridge	15	\$34,846,468	\$58,032,227	401,360	-	-	-	-
Brunswick	17	\$37,032,807	\$54,513,606	350,237	-	-	-	-
Caldwell	22	\$43,597,730	\$79,869,807	490,265	-	-	-	-
Cape Fear	24	\$74,517,619	\$132,565,936	749,237	-	-	-	-
Carteret	17	\$17,478,813	\$38,551,500	236,630	-	-	-	-
Catawba Valley	17	\$32,098,394	\$70,891,828	531,726	-	-	-	-
Central Carolina	32	\$31,713,952	\$71,069,607	499,156	-	-	-	-
Central Piedmont	46	\$281,214,075	\$473,095,688	3,095,867	-	-	-	-
Cleveland	14	\$22,983,131	\$42,487,471	295,233	-	-	-	-
Coastal Carolina	15	\$25,802,443	\$53,780,347	331,906	-	-	-	-
Coll. of Albemarle	22	\$22,812,752	\$124,581,140	373,333	-	-	-	-
Craven	15	\$31,819,139	\$52,228,411	315,007	-	-	-	-
Davidson County	28	\$26,819,875	\$74,295,992	447,831	-	-	-	-
Durham	16	\$34,355,718	\$68,370,920	498,239	-	-	-	-
Edgecombe	12	\$19,385,035	\$37,771,644	245,878	-	-	-	-
Fayetteville	38	\$52,426,593	\$110,908,697	856,368	-	-	-	-
Forsyth	33	\$47,290,943	\$105,737,123	738,451	-	-	-	-
Gaston	30	\$41,974,841	\$96,161,155	652,898	-	-	-	-
Guilford	53	\$107,620,702	\$191,580,074	1,346,268	-	-	-	-
Halifax	16	\$17,710,747	\$33,513,786	275,321	-	-	-	-
Haywood	27	\$18,228,965	\$38,971,769	318,488	-	-	-	-
Isothermal	22	\$22,032,786	\$52,685,517	325,473	-	-	-	-
James Sprunt	16	\$8,555,536	\$22,309,438	170,957	-	-	-	-
Johnston	26	\$29,210,772	\$64,348,565	439,763	1	\$40,000	\$67,271	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	\$25,711,004	\$53,605,532	417,494	-	-	-	-
Martin	12	\$4,891,455	\$19,083,027	229,431	-	-	-	-
Mayland	15	\$13,072,818	\$25,813,414	159,622	-	-	-	-
McDowell	10	\$10,404,072	\$21,945,344	159,319	-	-	-	-
Mitchell	25	\$15,249,528	\$46,812,839	361,157	-	-	-	-
Montgomery	7	\$8,850,023	\$17,535,764	129,642	-	-	-	-
Nash	10	\$20,480,228	\$36,073,620	258,515	-	-	-	-
Pamlico	10	\$8,023,519	\$14,608,591	86,755	-	-	-	-
Piedmont	19	\$12,715,560	\$25,881,870	182,713	-	-	-	-
Pitt	26	\$38,783,131	\$68,759,064	445,518	-	-	-	-
Randolph	29	\$18,987,725	\$43,054,128	342,129	-	-	-	-
Richmond	12	\$21,918,583	\$42,511,790	251,265	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$23,930,615	167,421	-	-	-	-
Robeson	21	\$21,781,650	\$42,691,718	281,103	-	-	-	-
Rockingham	16	\$15,121,026	\$43,656,849	327,731	-	-	-	-
Rowan-Cabarrus	22	\$56,201,033	\$92,700,355	518,096	-	-	-	-
Sampson	14	\$16,606,673	\$29,883,064	199,414	-	-	-	-
Sandhills	26	\$40,055,109	\$73,515,509	455,742	1	\$52,000	\$896,917	5,345
South Piedmont	18	\$11,789,493	\$49,885,970	354,646	-	-	-	-
Southeastern	25	\$14,862,069	\$44,636,111	252,149	-	-	-	-
Southwestern	16	\$17,588,951	\$36,560,544	257,184	-	-	-	-
Stanly	14	\$12,860,020	\$31,941,650	204,056	-	-	-	-
Surry	19	\$21,583,846	\$48,012,692	379,180	-	-	-	-
Tri-County	19	\$6,610,112	\$20,589,124	151,489	-	-	-	-
Vance-Granville	20	\$31,169,629	\$60,717,552	390,209	-	-	-	-
Wake	33	\$93,668,592	\$158,757,883	1,169,041	-	-	-	-
Wayne	16	\$36,291,973	\$63,345,679	389,067	-	-	-	-
Western Piedmont	34	\$16,950,463	\$51,346,350	398,812	-	-	-	-
Wilkes	24	\$25,778,223	\$56,267,466	406,371	-	-	-	-
Wilson	15	\$10,922,905	\$30,153,883	209,319	-	-	-	-
<b>Subtotal</b>	<b>1,214</b>	<b>\$1,908,763,216</b>	<b>\$3,817,605,395</b>	<b>25,211,282</b>	<b>3</b>	<b>\$96,000</b>	<b>\$981,966</b>	<b>7,797</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
Barton	24	\$46,796,593	\$76,840,261	333,933	7	\$6,425,757	\$22,400,622	161,233
Campbell	54	\$96,929,548	\$161,607,853	944,850	77	\$38,044,510	\$85,650,516	607,664
Mars Hill	28	\$23,673,975	\$83,535,416	569,241	13	\$8,097,780	\$29,921,489	222,573
Pfeiffer	24	\$13,680,559	\$52,610,084	361,867	23	\$3,255,738	\$22,603,532	196,282
<b>Subtotal</b>	<b>130</b>	<b>\$181,080,675</b>	<b>\$374,593,614</b>	<b>2,209,891</b>	<b>120</b>	<b>\$55,823,785</b>	<b>\$160,576,159</b>	<b>1,187,752</b>
<b>Grand Total</b>	<b>3,726</b>	<b>\$7,401,760,549</b>	<b>\$17,718,910,489</b>	<b>90,005,065</b>	<b>664</b>	<b>\$1,042,725,768</b>	<b>\$3,095,470,837</b>	<b>18,225,113</b>

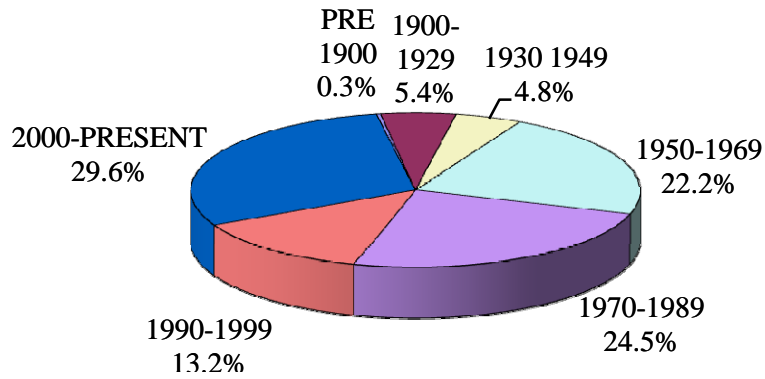
**TABLE 21:**  
**AGE OF BUILDINGS**

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

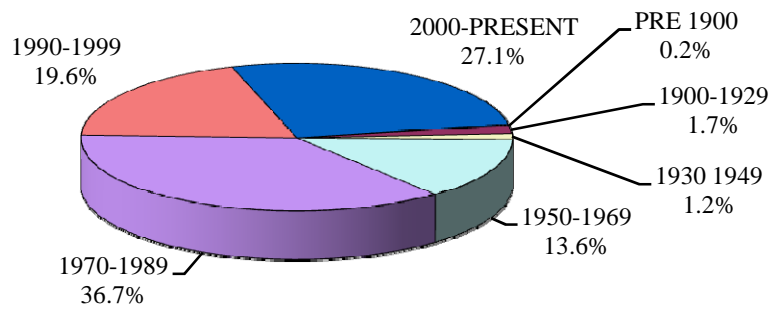
Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

# PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS

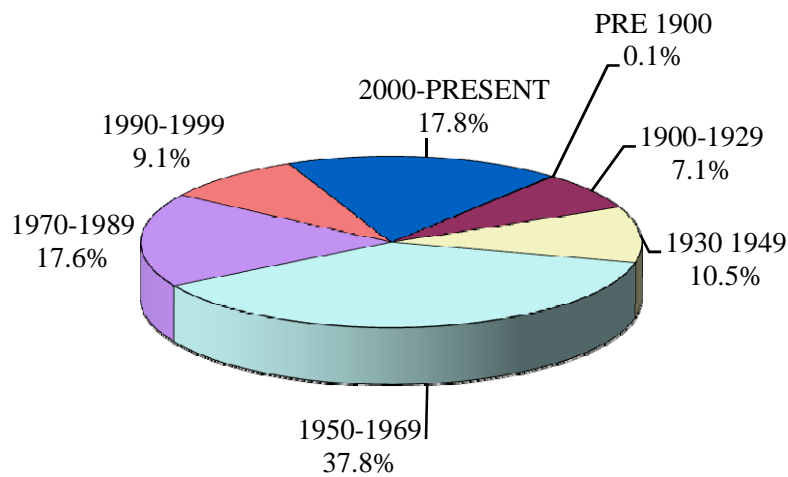
## University of North Carolina Campuses



## Community Colleges



## Private Institutions



**Table 21. Age of Buildings**

Institution	Period of Construction							2000-Prese nt GSF
	Total Gross Square Feet	Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	15,064,921	75,084	920,336	1,149,037	3,755,940	3,222,691	2,168,739	3,773,094
NC State Veterinary Med	548,142	-	-	28,559	22,259	380,394	13,030	103,900
UNC-Chapel Hill	12,604,939	135,326	1,346,694	897,599	2,644,976	2,073,146	1,255,394	4,251,804
UNC-Chapel Hill Health Aff.	6,176,910	-	-	130,462	932,475	1,705,826	1,227,268	2,180,879
<b>Subtotal</b>	<b>34,394,912</b>	<b>210,410</b>	<b>2,267,030</b>	<b>2,205,657</b>	<b>7,355,650</b>	<b>7,382,057</b>	<b>4,664,431</b>	<b>10,309,677</b>
<b>Doctoral Universities I and II</b>								
East Carolina	4,782,275	-	588,517	189,846	1,987,911	957,819	415,052	643,130
East Carolina Health Aff.	1,362,021	-	-	-	34,253	608,660	193,141	525,967
NC A&T	3,034,687	-	83,209	152,355	987,459	721,258	218,657	871,749
UNC Charlotte	6,747,768	-	-	-	495,718	2,177,494	1,478,198	2,596,358
UNC Greensboro	5,581,592	35,417	852,823	283,278	1,153,765	1,124,813	986,625	1,144,871
<b>Subtotal</b>	<b>21,508,343</b>	<b>35,417</b>	<b>1,524,549</b>	<b>625,479</b>	<b>4,659,106</b>	<b>5,590,044</b>	<b>3,291,673</b>	<b>5,782,075</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	4,329,852	-	7,010	204,489	1,356,283	1,030,037	499,186	1,232,847
Fayetteville	1,250,626	-	21,642	129,538	307,764	426,887	235,374	129,421
NC Central	2,156,262	-	39,725	222,392	832,679	507,939	174,070	379,457
UNC Pembroke	1,344,071	-	-	-	403,290	442,066	49,166	449,549
UNC Wilmington	3,757,338	-	33,652	-	247,550	1,320,818	257,335	1,897,983
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
<b>Subtotal</b>	<b>17,582,697</b>	<b>2,563</b>	<b>229,543</b>	<b>809,357</b>	<b>4,318,081</b>	<b>5,148,982</b>	<b>1,527,268</b>	<b>5,546,903</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	1,248,596	-	94,478	57,955	255,429	336,676	108,377	395,681
UNC Asheville	1,325,462	-	-	-	282,182	288,793	416,453	338,034
<b>Subtotal</b>	<b>2,574,058</b>	<b>-</b>	<b>94,478</b>	<b>57,955</b>	<b>537,611</b>	<b>625,469</b>	<b>524,830</b>	<b>733,715</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	1,054,197	-	188,910	92,839	245,640	196,426	98,095	232,287
<b>Subtotal</b>	<b>1,054,197</b>	<b>-</b>	<b>188,910</b>	<b>92,839</b>	<b>245,640</b>	<b>196,426</b>	<b>98,095</b>	<b>232,287</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	2,499,249	-	-	51,256	569,995	529,579	414,366	934,053
<b>Subtotal</b>	<b>2,499,249</b>	<b>-</b>	<b>-</b>	<b>51,256</b>	<b>569,995</b>	<b>529,579</b>	<b>414,366</b>	<b>934,053</b>
<b>Community Colleges</b>								
Alamance	379,753	-	-	-	600	172,942	51,209	155,002
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	350,237	-	-	3,732	22,989	118,002	120,851	84,663
Caldwell	490,265	-	-	-	83,274	168,683	125,316	112,992
Cape Fear	749,237	-	-	-	49,540	208,991	214,475	276,231
Carteret	236,630	-	2,747	-	11,297	73,956	42,339	106,291
Catawba Valley	531,726	-	-	-	84,931	247,099	63,788	135,908
Central Carolina	499,156	-	23,866	30,035	64,027	108,306	147,387	125,535
Central Piedmont	3,095,867	-	105,483	32,313	225,216	818,692	562,926	1,351,237
Cleveland	295,233	-	-	-	-	186,066	45,260	63,907
Coastal Carolina	331,906	-	-	-	-	216,362	60,664	54,880
Coll. of Albemarle	373,333	-	-	5,268	101,061	178,389	21,800	66,815
Craven	315,007	-	-	-	-	117,255	76,480	121,272
Davidson County	447,831	-	-	3,286	122,165	129,002	129,771	63,607
Durham	498,239	-	-	-	163,189	128,080	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	652,898	-	63,927	64,000	153,100	144,064	81,418	146,389
Guilford	1,346,268	1,931	4,594	14,165	141,311	346,931	317,836	519,500
Halifax	275,321	-	-	-	-	110,345	72,533	92,443
Haywood	318,488	-	-	-	25,972	187,006	80,037	25,473
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	441,543	-	-	-	4,948	220,976	95,281	120,338
Lenoir	417,494	-	-	3,221	133,819	150,048	83,666	46,740

**Table 21. Age of Buildings**

Institution	Total Gross Square Feet	Period of Construction						2000-Prese nt nt GSF
		Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	
Martin	229,431	-	-	-	-	163,591	65,840	-
Mayland	159,622	-	-	-	-	79,445	48,355	31,822
McDowell	159,319	-	-	-	30,104	78,131	18,950	32,134
Mitchell	361,157	28,793	91,303	35,043	58,766	80,908	-	66,344
Montgomery	129,642	-	-	-	600	73,986	48,678	6,378
Nash	258,515	-	-	-	-	157,799	54,152	46,564
Pamlico	86,755	-	-	-	-	41,677	8,932	36,146
Piedmont	182,713	-	-	-	-	134,984	8,705	39,024
Pitt	445,518	-	-	-	75,365	106,903	114,221	149,029
Randolph	342,129	-	-	-	43,991	187,370	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	518,096	-	-	-	136,987	84,305	144,848	151,956
Sampson	199,414	-	-	-	4,109	115,265	36,689	43,351
Sandhills	461,087	-	-	-	122,021	143,522	68,051	127,493
South Piedmont	354,646	-	117,000	-	-	125,586	31,600	80,460
Southeastern	252,149	-	1,395	3,754	82,095	80,495	38,361	46,049
Southwestern	257,184	-	-	-	-	198,816	30,640	27,728
Stanly	204,056	-	-	-	21,381	94,681	46,016	41,978
Surry	379,180	-	-	-	67,452	146,153	67,162	98,413
Tri-County	151,489	-	-	25,130	11,758	96,669	15,600	2,332
Vance-Granville	390,209	-	-	-	3,069	235,030	59,403	92,707
Wake	1,169,041	-	-	-	92,808	349,735	200,876	525,622
Wayne	389,067	-	-	-	-	180,460	144,327	64,280
Western Piedmont	398,812	-	-	52,082	140,716	122,397	39,030	44,587
Wilkes	406,371	-	-	-	113,335	164,788	49,303	78,945
Wilson	209,319	-	-	-	90,580	86,103	10,170	22,466
<b>Subtotal</b>	<b>25,219,079</b>	<b>40,885</b>	<b>439,456</b>	<b>297,865</b>	<b>3,424,002</b>	<b>9,261,525</b>	<b>4,932,438</b>	<b>6,822,908</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
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
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
<b>Subtotal</b>	<b>3,397,643</b>	<b>3,000</b>	<b>241,368</b>	<b>356,453</b>	<b>1,285,707</b>	<b>598,684</b>	<b>308,483</b>	<b>603,948</b>
<b>Grand Total</b>	<b>108,230,178</b>	<b>292,275</b>	<b>4,985,334</b>	<b>4,496,861</b>	<b>22,395,792</b>	<b>29,332,766</b>	<b>15,761,584</b>	<b>30,965,566</b>

## TABLE 22:

### CONDITION OF BUILDINGS

The physical condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s and 1990s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing 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 2010 FCAP cycle (March, 2011), 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	%	
<b>Public Institutions</b>													
<b>Research Universities I</b>													
NC State	7,800,125	51.8	3,917,203	26.0	2,031,687	13.5	1,237,688	8.2	18,249	0.1	59,969	0.4	15,064,921
NC State Veterinary Med	483,560	88.2	15,754	2.9	45,417	8.3	3,411	0.6	-	-	-	-	548,142
UNC-Chapel Hill	9,531,130	75.6	2,164,214	17.2	690,600	5.5	120,927	1.0	98,068	0.8	-	-	12,604,939
UNC-Chapel Hill Health Aff.	5,386,466	87.2	540,848	8.8	236,810	3.8	-	-	8,928	0.1	3,858	0.1	6,176,910
<b>Subtotal</b>	<b>23,201,281</b>	<b>67.5</b>	<b>6,638,019</b>	<b>19.3</b>	<b>3,004,514</b>	<b>8.7</b>	<b>1,362,026</b>	<b>4.0</b>	<b>125,245</b>	<b>0.4</b>	<b>63,827</b>	<b>0.2</b>	<b>34,394,912</b>
<b>Doctoral Universities I and II</b>													
East Carolina	1,290,479	27.0	963,831	20.2	585,074	12.2	1,942,744	40.6	-	-	147	0.0	4,782,275
East Carolina Health Aff.	814,946	59.8	32,015	2.4	493,410	36.2	8,806	0.6	-	-	12,844	0.9	1,362,021
NC A&T	1,447,262	47.7	130,194	4.3	431,437	14.2	1,025,794	33.8	-	-	-	-	3,034,687
UNC Charlotte	5,083,592	75.3	748,456	11.1	751,587	11.1	164,133	2.4	-	-	-	-	6,747,768
UNC Greensboro	3,758,562	67.3	609,824	10.9	1,013,218	18.2	199,988	3.6	-	-	-	-	5,581,592
<b>Subtotal</b>	<b>12,394,841</b>	<b>57.6</b>	<b>2,484,320</b>	<b>11.6</b>	<b>3,274,726</b>	<b>15.2</b>	<b>3,341,465</b>	<b>15.5</b>	<b>-</b>	<b>-</b>	<b>12,991</b>	<b>0.1</b>	<b>21,508,343</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>													
Appalachian	3,916,669	90.5	260,551	6.0	111,992	2.6	40,640	0.9	-	-	-	-	4,329,852
Fayetteville	1,127,903	90.2	87,236	7.0	35,487	2.8	-	-	-	-	-	-	1,250,626
NC Central	1,686,069	78.2	130,281	6.0	121,789	5.6	155,720	7.2	47,440	2.2	14,963	0.7	2,156,262
UNC Pembroke	1,261,203	93.8	39,724	3.0	18,560	1.4	24,584	1.8	-	-	-	-	1,344,071
UNC Wilmington	3,752,272	99.9	5,066	0.1	-	-	-	-	-	-	-	-	3,757,338
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
<b>Subtotal</b>	<b>14,584,966</b>	<b>83.0</b>	<b>2,061,234</b>	<b>11.7</b>	<b>508,697</b>	<b>2.9</b>	<b>331,274</b>	<b>1.9</b>	<b>81,563</b>	<b>0.5</b>	<b>14,963</b>	<b>0.1</b>	<b>17,582,697</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>													
Elizabeth City	811,858	65.0	333,221	26.7	85,417	6.8	18,100	1.4	-	-	-	-	1,248,596
UNC Asheville	658,042	49.6	379,516	28.6	10,715	0.8	260,691	19.7	16,498	1.2	-	-	1,325,462
<b>Subtotal</b>	<b>1,469,900</b>	<b>57.1</b>	<b>712,737</b>	<b>27.7</b>	<b>96,132</b>	<b>3.7</b>	<b>278,791</b>	<b>10.8</b>	<b>16,498</b>	<b>0.6</b>	<b>-</b>	<b>-</b>	<b>2,574,058</b>
<b>Schools of Art, Music, and Design</b>													
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
<b>Subtotal</b>	<b>781,299</b>	<b>74.1</b>	<b>176,539</b>	<b>16.7</b>	<b>51,158</b>	<b>4.9</b>	<b>42,817</b>	<b>4.1</b>	<b>1,184</b>	<b>0.1</b>	<b>1,200</b>	<b>0.1</b>	<b>1,054,197</b>
<b>Teaching Hospitals</b>													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
<b>Subtotal</b>	<b>2,499,249</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,499,249</b>
<b>Community Colleges</b>													
Alamance	379,753	100.0	-	-	-	-	-	-	-	-	-	-	379,753
Asheville-Buncombe	536,874	58.2	372,220	40.4	-	-	12,860	1.4	-	-	-	-	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	323,516	92.4	3,732	1.1	20,314	5.8	-	-	-	-	2,675	0.8	350,237
Caldwell	490,265	100.0	-	-	-	-	-	-	-	-	-	-	490,265
Cape Fear	519,794	69.4	158,540	21.2	7,965	1.1	26,409	3.5	-	-	36,529	4.9	749,237
Carteret	222,586	94.1	-	-	5,197	2.2	8,847	3.7	-	-	-	-	236,630
Catawba Valley	531,726	100.0	-	-	-	-	-	-	-	-	-	-	531,726
Central Carolina	484,906	97.1	14,250	2.9	-	-	-	-	-	-	-	-	499,156
Central Piedmont	2,134,513	68.9	621,895	20.1	189,685	6.1	149,774	4.8	-	-	-	-	3,095,867
Cleveland	295,233	100.0	-	-	-	-	-	-	-	-	-	-	295,233
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	332,915	89.2	29,800	8.0	-	-	10,618	2.8	-	-	-	-	373,333
Craven	315,007	100.0	-	-	-	-	-	-	-	-	-	-	315,007
Davidson County	447,831	100.0	-	-	-	-	-	-	-	-	-	-	447,831
Durham	444,530	89.2	-	-	-	-	53,709	10.8	-	-	-	-	498,239
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	652,898	100.0	-	-	-	-	-	-	-	-	-	-	652,898
Guilford	1,313,907	97.6	-	-	11,730	0.9	20,631	1.5	-	-	-	-	1,346,268
Halifax	275,321	100.0	-	-	-	-	-	-	-	-	-	-	275,321
Haywood	276,828	86.9	39,500	12.4	-	-	-	-	-	-	2,160	0.7	318,488
Isothermal	325,473	100.0	-	-	-	-	-	-	-	-	-	-	325,473
James Sprunt	165,965	97.1	-	-	-	-	3,624	2.1	1,368	0.8	-	-	170,957
Johnston	441,543	100.0	-	-	-	-	-	-	-	-	-	-	441,543
Lenoir	417,494	100.0	-	-	-	-	-	-	-	-	-	-	417,494
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	159,622	100.0	-	-	-	-	-	-	-	-	-	-	159,622



**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	157,447	43.6	37,035	10.3	55,755	15.4	110,920	30.7	-	-	-	-	361,157
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
Nash	258,515	100.0	-	-	-	-	-	-	-	-	-	-	258,515
Pamlico	85,276	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,755
Piedmont	182,713	100.0	-	-	-	-	-	-	-	-	-	-	182,713
Pitt	372,557	83.6	-	-	-	-	69,551	15.6	-	-	3,410	0.8	445,518
Randolph	342,129	100.0	-	-	-	-	-	-	-	-	-	-	342,129
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	475,062	91.7	-	-	43,034	8.3	-	-	-	-	-	-	518,096
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	360,846	78.3	57,779	12.5	-	-	42,462	9.2	-	-	-	-	461,087
South Piedmont	354,646	100.0	-	-	-	-	-	-	-	-	-	-	354,646
Southeastern	74,273	29.5	64,775	25.7	79,092	31.4	34,009	13.5	-	-	-	-	252,149
Southwestern	257,184	100.0	-	-	-	-	-	-	-	-	-	-	257,184
Stanly	204,056	100.0	-	-	-	-	-	-	-	-	-	-	204,056
Surry	379,180	100.0	-	-	-	-	-	-	-	-	-	-	379,180
Tri-County	150,625	99.4	-	-	-	-	-	-	-	-	864	0.6	151,489
Vance-Granville	390,209	100.0	-	-	-	-	-	-	-	-	-	-	390,209
Wake	1,064,775	91.1	-	-	-	-	104,266	8.9	-	-	-	-	1,169,041
Wayne	389,067	100.0	-	-	-	-	-	-	-	-	-	-	389,067
Western Piedmont	346,730	86.9	-	-	51,722	13.0	360	0.1	-	-	-	-	398,812
Wilkes	402,856	99.1	-	-	-	-	-	-	-	-	3,515	0.9	406,371
Wilson	209,319	100.0	-	-	-	-	-	-	-	-	-	-	209,319
<b>Subtotal</b>	<b>22,577,739</b>	<b>89.5</b>	<b>1,399,946</b>	<b>5.6</b>	<b>532,914</b>	<b>2.1</b>	<b>650,560</b>	<b>2.6</b>	<b>8,568</b>	<b>0.0</b>	<b>49,352</b>	<b>0.2</b>	<b>25,219,079</b>
<b>Private Institutions</b>													
<b>NC Private Universities</b>													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,463,035	94.2	45,196	2.9	44,283	2.9	-	-	-	-	-	-	1,552,514
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
<b>Subtotal</b>	<b>2,834,799</b>	<b>83.4</b>	<b>315,194</b>	<b>9.3</b>	<b>168,436</b>	<b>5.0</b>	<b>77,230</b>	<b>2.3</b>	<b>1,984</b>	<b>0.1</b>	<b>-</b>	<b>-</b>	<b>3,397,643</b>
<b>Grand Total</b>	<b>80,344,074</b>	<b>74.2</b>	<b>13,787,989</b>	<b>12.7</b>	<b>7,636,577</b>	<b>7.1</b>	<b>6,084,163</b>	<b>5.6</b>	<b>235,042</b>	<b>0.2</b>	<b>142,333</b>	<b>0.1</b>	<b>108,230,178</b>

**Table 22a. FCAP 2010: Facilities Maintenance and Repair**

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

Institution	Appropriated Facilities	Non- Appropriated Facilities	Total Deficiency
N.C. State	355,345,408	101,884,563	457,229,971
UNC-Chapel Hill	389,823,297	209,763,875	599,587,172
East Carolina	293,377,811	99,365,422	392,743,233
UNC-Greensboro	155,267,573	157,659,425	312,926,998
Appalachian State	85,665,090	56,117,720	141,782,810
Fayetteville State	13,334,360	15,674,880	29,009,240
N.C. A&T State	64,017,309	18,728,144	82,745,453
N.C. Central	50,423,700	16,400,000	66,823,700
UNC-Charlotte	69,210,702	52,330,824	121,541,526
UNC-Pembroke	23,244,246	17,971,389	41,215,635
UNC-Wilmington	111,986,162	54,313,624	166,299,786
Western Carolina	97,649,002	81,046,452	178,695,454
Elizabeth City	30,611,724	70,869,911	101,481,635
UNC-Asheville	47,479,800	7,515,505	54,995,305
Winston-Salem State	65,076,199	34,214,990	99,291,189
N.C. School of the Arts	16,137,868	6,579,163	22,717,031
UNCCH-Health Affairs	251,941,414	210,912	252,152,326
ECU-Health Affairs	27,970,082	1,768,288	29,738,370
NCSU Vet School	13,352,356	22,714	13,375,070
<b>UNC TOTAL</b>	<b>2,161,914,103</b>	<b>1,002,437,801</b>	<b>3,164,351,904</b>

**TABLE 23:**

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

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities was estimated in 1989 at over \$60 billion.\* That figure is generally considered to be significantly higher today.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

<u>Condition</u>	<u>Cost Midpoint</u>
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of \$1,000,000, the cost to bring it to satisfactory condition would be estimated to be \$200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table. The Facilities Condition Assessment Program (FCAP), conducted by the State Construction Office, a division of the North Carolina Department of Administration, provides more precise dollar deficiency figures for campus buildings over 3,000 GSF (see pages 120 and 124).

\*Association of Physical Plant Administrators of Universities and Colleges. The Decaying American Campus: A Ticking Time Bomb, 1989.

**Table 23. Estimated Cost to Renovate or Replace Less Than Satisfactory Facilities**

Institution	Total No. of Facilities	Original Building Cost	Estimated Replacement Cost	No. of Less Than Satisfactory Facilities	GSF of Less Than Satisfactory Facilities	Estimated Cost of
						Restoring Facilities to Satisfactory Condition
<b>Public Institutions</b>						
<b>Research Universities I</b>						
NC State	1,110	\$982,586,483	\$3,344,413,956	523	7,264,796	\$615,315,383
NC State Veterinary Med	43	\$47,308,446	\$70,593,045	16	64,582	\$5,921,038
UNC-Chapel Hill	360	\$1,145,335,068	\$2,665,026,632	67	3,073,809	\$185,211,916
UNC-Chapel Hill Health Aff.	103	\$639,738,490	\$1,297,323,818	24	790,444	\$57,220,387
<b>Subtotal</b>	<b>1,616</b>	<b>\$2,814,968,487</b>	<b>\$7,377,357,451</b>	<b>630</b>	<b>11,193,631</b>	<b>\$863,668,724</b>
<b>Doctoral Universities I and II</b>						
East Carolina	156	\$303,800,810	\$1,054,873,197	111	3,491,796	\$347,808,096
East Carolina Health Aff.	50	\$184,083,573	\$343,470,730	21	547,075	\$42,537,221
NC A&T	118	\$199,073,988	\$677,425,086	46	1,587,425	\$234,502,264
UNC Charlotte	119	\$581,681,963	\$1,105,749,853	56	1,664,176	\$94,663,436
UNC Greensboro	104	\$262,012,349	\$1,721,195,500	35	1,823,030	\$241,997,469
<b>Subtotal</b>	<b>547</b>	<b>\$1,530,652,683</b>	<b>\$4,902,714,366</b>	<b>269</b>	<b>9,113,502</b>	<b>\$961,508,486</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>						
Appalachian	87	\$389,463,667	\$842,720,591	13	413,183	\$21,803,780
Fayetteville	49	\$87,435,413	\$201,046,147	10	122,723	\$3,762,351
NC Central	62	\$160,845,344	\$371,296,459	21	470,193	\$33,467,925
UNC Pembroke	50	\$114,032,454	\$272,235,990	3	82,868	\$5,981,400
UNC Wilmington	151	\$409,269,573	\$638,983,774	1	5,066	\$91,348
Western Carolina	104	\$225,995,364	\$490,534,601	44	1,193,522	\$38,015,443
Winston-Salem	45	\$129,039,513	\$259,328,707	22	710,176	\$28,940,413
<b>Subtotal</b>	<b>548</b>	<b>\$1,516,081,328</b>	<b>\$3,076,146,269</b>	<b>114</b>	<b>2,997,731</b>	<b>\$132,062,660</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>						
Elizabeth City	61	\$95,482,605	\$229,285,961	25	436,738	\$19,591,284
UNC Asheville	39	\$127,755,941	\$318,337,888	25	667,420	\$73,175,851
<b>Subtotal</b>	<b>100</b>	<b>\$223,238,546</b>	<b>\$547,623,849</b>	<b>50</b>	<b>1,104,158</b>	<b>\$92,767,135</b>
<b>Schools of Art, Music, and Design</b>						
UNC School of the Arts	71	\$75,237,491	\$188,203,918	24	272,898	\$11,638,072
<b>Subtotal</b>	<b>71</b>	<b>\$75,237,491</b>	<b>\$188,203,918</b>	<b>24</b>	<b>272,898</b>	<b>\$11,638,072</b>
<b>Teaching Hospitals</b>						
UNC Hospitals	30	\$138,544,106	\$368,578,339	-	-	-
<b>Subtotal</b>	<b>30</b>	<b>\$138,544,106</b>	<b>\$368,578,339</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>						
Alamance	13	\$27,313,943	\$60,718,533	-	-	-
Asheville-Buncombe	26	\$117,624,254	\$183,397,292	8	385,080	\$20,673,169
Beaufort Co.	16	\$15,038,835	\$31,097,450	-	-	-
Bladen	24	\$8,626,162	\$19,809,653	3	6,781	\$239,793
Blue Ridge	15	\$34,846,468	\$58,032,227	1	63,100	\$3,604,218
Brunswick	17	\$37,032,807	\$54,513,606	3	26,721	\$1,260,959
Caldwell	22	\$43,597,730	\$79,869,807	-	-	-
Cape Fear	24	\$74,517,619	\$132,565,936	8	229,443	\$13,982,929
Carteret	17	\$17,478,813	\$38,551,500	4	14,044	\$1,069,240
Catawba Valley	17	\$32,098,394	\$70,891,828	-	-	-
Central Carolina	32	\$31,713,952	\$71,069,607	1	14,250	\$252,262
Central Piedmont	46	\$281,214,075	\$473,095,688	14	961,354	\$41,296,819
Cleveland	14	\$22,983,131	\$42,487,471	-	-	-
Coastal Carolina	15	\$25,802,443	\$53,780,347	-	-	-
Coll. of Albemarle	22	\$22,812,752	\$124,581,140	5	40,418	\$3,043,304
Craven	15	\$31,819,139	\$52,228,411	-	-	-
Davidson County	28	\$26,819,875	\$74,295,992	-	-	-
Durham	16	\$34,355,718	\$68,370,920	1	53,709	\$5,420,492
Edgecombe	12	\$19,385,035	\$37,771,644	-	-	-
Fayetteville	38	\$52,426,593	\$110,908,697	2	7,399	\$167,659
Forsyth	33	\$47,290,943	\$105,737,123	-	-	-
Gaston	30	\$41,974,841	\$96,161,155	-	-	-
Guilford	53	\$107,620,702	\$191,580,074	4	32,361	\$1,895,997
Halifax	16	\$17,710,747	\$33,513,786	-	-	-
Haywood	27	\$18,228,965	\$38,971,769	2	41,660	\$1,136,494
Isothermal	22	\$22,032,786	\$52,685,517	-	-	-
James Sprunt	16	\$8,555,536	\$22,309,438	5	4,992	\$242,531

**Table 23. Estimated Cost to Renovate or Replace Less Than Satisfactory Facilities**

<b>Institution</b>	<b>Total No. of Facilities</b>	<b>Original Building Cost</b>	<b>Estimated Replacement Cost</b>	<b>No. of Less Than Satisfactory Facilities</b>	<b>GSF of Less Than Satisfactory Facilities</b>	<b>Estimated Cost of Restoring Facilities to Satisfactory Condition</b>
Johnston	27	\$29,250,772	\$64,415,836	-	-	-
Lenoir	27	\$25,711,004	\$53,605,532	-	-	-
Martin	12	\$4,891,455	\$19,083,027	-	-	-
Mayland	15	\$13,072,818	\$25,813,414	-	-	-
McDowell	10	\$10,404,072	\$21,945,344	-	-	-
Mitchell	25	\$15,249,528	\$46,812,839	11	203,710	\$13,454,396
Montgomery	7	\$8,850,023	\$17,535,764	-	-	-
Nash	10	\$20,480,228	\$36,073,620	-	-	-
Pamlico	10	\$8,023,519	\$14,608,591	1	1,479	\$81,913
Piedmont	19	\$12,715,560	\$25,881,870	-	-	-
Pitt	26	\$38,783,131	\$68,759,064	6	72,961	\$7,039,586
Randolph	29	\$18,987,725	\$43,054,128	-	-	-
Richmond	12	\$21,918,583	\$42,511,790	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$23,930,615	-	-	-
Robeson	21	\$21,781,650	\$42,691,718	-	-	-
Rockingham	16	\$15,121,026	\$43,656,849	-	-	-
Rowan-Cabarrus	22	\$56,201,033	\$92,700,355	1	43,034	\$2,169,190
Sampson	14	\$16,606,673	\$29,883,064	-	-	-
Sandhills	27	\$40,107,109	\$74,412,426	7	100,241	\$4,782,216
South Piedmont	18	\$11,789,493	\$49,885,970	-	-	-
Southeastern	25	\$14,862,069	\$44,636,111	13	177,876	\$12,579,655
Southwestern	16	\$17,588,951	\$36,560,544	-	-	-
Stanly	14	\$12,860,020	\$31,941,650	-	-	-
Surry	19	\$21,583,846	\$48,012,692	-	-	-
Tri-County	19	\$6,610,112	\$20,589,124	1	864	\$69,112
Vance-Granville	20	\$31,169,629	\$60,717,552	-	-	-
Wake	33	\$93,668,592	\$158,757,883	2	104,266	\$1,630,529
Wayne	16	\$36,291,973	\$63,345,679	-	-	-
Western Piedmont	34	\$16,950,463	\$51,346,350	12	52,082	\$358,010
Wilkes	24	\$25,778,223	\$56,267,466	1	3,515	\$101,434
Wilson	15	\$10,922,905	\$30,153,883	-	-	-
<b>Subtotal</b>	<b>1,217</b>	<b>\$1,908,859,216</b>	<b>\$3,818,587,361</b>	<b>116</b>	<b>2,641,340</b>	<b>\$136,551,907</b>
<b>Private Institutions</b>						
<b>NC Private Universities</b>						
Barton	31	\$53,222,350	\$99,240,883	-	-	-
Campbell	129	\$134,974,058	\$247,258,369	11	89,479	\$3,789,879
Mars Hill	40	\$31,771,755	\$113,456,905	23	448,267	\$19,549,124
Pfeiffer	47	\$16,936,297	\$75,213,616	5	25,098	\$1,070,083
<b>Subtotal</b>	<b>247</b>	<b>\$236,904,460</b>	<b>\$535,169,773</b>	<b>39</b>	<b>562,844</b>	<b>\$24,409,086</b>
<b>Grand Total</b>	<b>4,376</b>	<b>\$8,444,486,317</b>	<b>\$20,814,381,326</b>	<b>1,242</b>	<b>27,886,104</b>	<b>\$2,222,606,070</b>





**Honeycutt Center, Richmond Community College**

The F. Diane Honeycutt Center named after Richmond Community College President Emeritus Dr. Diane Honeycutt was completed in July 2010 at a cost of \$3.5 million dollars. The creation of this center was a collaborative effort between the people of Scotland County, the State of North Carolina, the federal government, foundations, and RCC. This 20,000 square foot facility houses the Practical Nursing Program, the Basic Skills Program, and provides multi-purpose space that can be adapted for a variety of industrial training settings. The building is completely 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
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## TABLE 24:

### ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

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

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

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

The definition of building space accessibility was broadened in the 1992 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 1993 edition of the N.C. Manual) to include *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				
			2010	2009	2008	2007	2006
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	8,189,335	5,830,833	71.2	69.6	68.0	67.7	66.0
NC State Veterinary Med	350,945	271,750	77.4	76.9	76.7	75.1	72.5
UNC-Chapel Hill	6,899,875	6,278,752	91.0	88.2	88.2	89.5	68.9
UNC-Chapel Hill Health Aff.	2,463,286	2,421,382	98.3	93.9	93.9	98.1	86.5
<b>Subtotal</b>	<b>17,903,441</b>	<b>14,802,717</b>	<b>82.7</b>	<b>80.4</b>	<b>79.6</b>	<b>80.3</b>	<b>69.8</b>
<b>Doctoral Universities I and II</b>							
East Carolina	3,268,502	3,268,502	100.0	52.7	69.2	69.2	52.0
East Carolina Health Aff.	763,605	763,605	100.0	68.4	100.0	96.5	40.9
NC A&T	2,144,920	1,972,478	92.0	92.0	91.7	92.3	87.4
UNC Charlotte	2,966,902	2,805,183	94.5	95.8	88.1	90.6	86.5
UNC Greensboro	2,575,222	2,222,038	86.3	87.2	87.1	86.5	86.2
<b>Subtotal</b>	<b>11,719,151</b>	<b>11,031,806</b>	<b>94.1</b>	<b>79.3</b>	<b>83.8</b>	<b>84.1</b>	<b>73.8</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>							
Appalachian	2,515,691	2,013,872	80.1	80.0	79.4	79.1	79.1
Fayetteville	734,179	653,498	89.0	88.4	41.6	38.7	58.2
NC Central	1,365,286	1,183,534	86.7	86.7	86.5	86.1	86.1
UNC Pembroke	874,179	765,231	87.5	87.5	87.4	87.0	84.1
UNC Wilmington	2,176,920	2,033,668	93.4	92.8	92.8	92.6	91.4
Western Carolina	1,940,454	1,428,915	73.6	73.0	68.9	67.5	65.5
Winston-Salem	1,085,813	907,486	83.6	81.3	81.2	79.1	78.5
<b>Subtotal</b>	<b>10,692,522</b>	<b>8,986,204</b>	<b>84.0</b>	<b>83.5</b>	<b>79.2</b>	<b>78.5</b>	<b>78.5</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>							
Elizabeth City	838,151	692,617	82.6	81.7	81.3	81.3	81.3
UNC Asheville	789,422	743,712	94.2	93.6	93.6	93.3	93.1
<b>Subtotal</b>	<b>1,627,573</b>	<b>1,436,329</b>	<b>88.2</b>	<b>87.6</b>	<b>87.3</b>	<b>87.0</b>	<b>86.8</b>
<b>Schools of Art, Music, and Design</b>							
UNC School of the Arts	736,751	567,781	77.1	77.0	76.6	73.9	72.7
<b>Subtotal</b>	<b>736,751</b>	<b>567,781</b>	<b>77.1</b>	<b>77.0</b>	<b>76.6</b>	<b>73.9</b>	<b>72.7</b>
<b>Teaching Hospitals</b>							
UNC Hospitals	1,358,302	1,194,182	87.9	87.9	100.0	100.0	100.0
<b>Subtotal</b>	<b>1,358,302</b>	<b>1,194,182</b>	<b>87.9</b>	<b>87.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Community Colleges</b>							
Alamance	230,676	229,664	99.6	99.5	99.5	99.5	99.5
Asheville-Buncombe	526,270	506,441	96.2	96.2	95.9	96.2	95.7
Beaufort Co.	170,922	170,441	99.7	99.7	99.7	99.7	99.7
Bladen	112,520	110,457	98.2	98.0	97.9	97.9	97.9
Blue Ridge	289,190	289,190	100.0	100.0	100.0	100.0	100.0
Brunswick	226,597	218,792	96.6	96.6	95.8	95.6	95.6
Caldwell	338,927	336,244	99.2	99.2	99.2	99.1	99.1
Cape Fear	468,422	464,560	99.2	99.2	99.1	99.1	99.1
Carteret	164,647	155,236	94.3	94.3	94.3	94.0	94.0
Catawba Valley	367,818	367,083	99.8	99.8	99.8	99.8	99.8
Central Carolina	350,351	348,785	99.6	98.8	98.8	98.8	98.8
Central Piedmont	1,254,427	1,238,127	98.7	98.9	98.8	98.8	98.6
Cleveland	199,079	197,869	99.4	99.4	98.5	98.4	98.4
Coastal Carolina	225,546	224,582	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	234,253	234,153	100.0	100.0	100.0	100.0	100.0
Craven	207,466	197,173	95.0	95.7	95.7	94.7	94.7
Davidson County	303,187	293,330	96.7	96.6	96.4	96.3	96.3
Durham	335,534	295,670	88.1	88.4	88.4	87.4	87.5
Edgecombe	168,825	160,916	95.3	95.3	95.3	95.1	95.0
Fayetteville	583,243	548,958	94.1	94.4	92.4	92.4	92.4
Forsyth	511,708	504,608	98.6	98.5	98.5	98.4	98.8
Gaston	436,150	408,367	93.6	93.6	92.6	92.4	91.9
Guilford	908,164	862,690	95.0	94.6	94.1	95.4	95.3
Halifax	187,548	187,025	99.7	99.7	99.7	99.7	99.7
Haywood	232,810	215,912	92.7	92.9	93.0	92.7	92.7
Isothermal	217,602	200,083	91.9	91.9	91.8	91.3	91.3
James Sprunt	121,267	113,866	93.9	93.8	93.8	93.3	93.4
Johnston	312,404	306,133	98.0	98.0	97.9	97.8	97.7
Lenoir	305,453	295,936	96.9	96.9	96.7	96.3	96.2
Martin	170,782	146,952	86.0	86.0	84.2	84.2	84.2

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

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2010	2009	2008	2007	2006
Mayland	112,755	108,843	96.5	96.6	96.3	96.3	96.3
McDowell	117,076	114,980	98.2	97.7	97.6	97.6	97.2
Mitchell	246,678	222,188	90.1	90.1	89.7	89.7	84.8
Montgomery	90,799	90,775	100.0	98.5	98.4	98.4	98.4
Nash	169,106	167,385	99.0	99.0	99.0	99.0	98.9
Pamlico	55,923	54,694	97.8	97.8	97.8	97.3	97.3
Piedmont	141,771	140,106	98.8	98.8	98.7	98.8	98.6
Pitt	285,689	283,145	99.1	99.0	98.8	98.8	98.8
Randolph	257,958	257,475	99.8	99.8	99.8	99.8	99.8
Richmond	177,262	165,375	93.3	92.7	92.7	92.8	92.9
Roanoke-Chowan	117,209	113,541	96.9	96.9	96.9	96.9	96.9
Robeson	194,524	194,500	100.0	100.0	100.0	100.0	100.0
Rockingham	232,145	215,501	92.8	92.8	92.8	92.8	92.8
Rowan-Cabarrus	378,501	378,474	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	96.7	96.8	96.8	96.8
South Piedmont	268,227	227,509	84.8	84.8	84.9	84.6	81.1
Southeastern	182,205	178,840	98.2	94.7	94.7	93.7	93.6
Southwestern	182,673	176,194	96.5	96.5	96.5	96.4	96.0
Stanly	144,402	143,930	99.7	99.7	99.7	99.7	99.7
Surry	268,038	262,274	97.8	97.8	97.8	97.8	97.7
Tri-County	116,067	113,050	97.4	97.4	97.4	97.1	97.1
Vance-Granville	244,927	238,250	97.3	97.3	97.3	97.3	97.1
Wake	740,410	715,573	96.6	96.7	96.4	95.9	95.4
Wayne	242,000	239,672	99.0	99.0	99.0	99.0	99.0
Western Piedmont	287,002	238,798	83.2	83.2	80.2	79.3	79.3
Wilkes	291,328	286,452	98.3	98.3	98.3	98.3	97.7
Wilson	144,959	141,816	97.8	97.8	97.7	97.7	97.4
<b>Subtotal</b>	<b>16,294,747</b>	<b>15,731,115</b>	<b>96.5</b>	<b>96.4</b>	<b>96.2</b>	<b>96.2</b>	<b>95.9</b>
<b>Private Institutions</b>							
<b>NC Private Universities</b>							
Barton	350,454	328,901	93.8	93.8	93.7	93.7	93.7
Campbell	1,074,902	773,771	72.0	71.1	67.8	60.7	57.7
Mars Hill	538,621	313,495	58.2	58.2	55.2	53.4	53.4
Pfeiffer	390,755	207,957	53.2	52.7	51.4	51.4	51.4
<b>Subtotal</b>	<b>2,354,732</b>	<b>1,624,124</b>	<b>69.0</b>	<b>68.4</b>	<b>65.8</b>	<b>62.5</b>	<b>61.3</b>
<b>Grand Total</b>	<b>62,687,219</b>	<b>55,374,258</b>	<b>88.3</b>	<b>84.7</b>	<b>84.6</b>	<b>84.6</b>	<b>79.4</b>



**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 Suport 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
<b>Public Institutions</b>										
<b>Research Universities I</b>										
NC State	5,830,833	87.5	73.7	70.4	93.1	55.8	54.3	43.3	81.3	78.7
NC State Veterinary Med	271,750	64.2	74.2	95.3	92.1	97.4	63.6	67.7	100.0	-
UNC-Chapel Hill	6,278,752	94.6	97.2	92.2	98.6	86.3	93.1	90.4	95.7	90.1
UNC-Chapel Hill Health Aff.	2,421,382	98.9	99.1	99.7	98.2	99.8	100.0	65.1	79.5	94.5
<b>Subtotal</b>	<b>14,802,717</b>	<b>91.1</b>	<b>82.8</b>	<b>85.3</b>	<b>96.9</b>	<b>73.7</b>	<b>74.3</b>	<b>75.8</b>	<b>85.3</b>	<b>87.0</b>
<b>Doctoral Universities I and II</b>										
East Carolina	3,268,502	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
East Carolina Health Aff.	763,605	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0
NC A&T	1,972,478	98.1	99.2	100.0	98.2	78.6	98.3	78.1	100.0	100.0
UNC Charlotte	2,805,183	97.3	97.5	100.0	97.0	94.6	89.9	77.9	-	65.2
UNC Greensboro	2,222,038	93.5	97.4	79.6	97.8	75.8	96.4	83.1	99.9	14.8
<b>Subtotal</b>	<b>11,031,806</b>	<b>97.7</b>	<b>98.6</b>	<b>98.9</b>	<b>98.3</b>	<b>89.3</b>	<b>96.7</b>	<b>89.1</b>	<b>100.0</b>	<b>92.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>										
Appalachian	2,013,872	88.1	64.7	36.6	100.0	75.0	78.7	88.9	100.0	100.0
Fayetteville	653,498	100.0	100.0	100.0	100.0	74.3	97.1	100.0	100.0	-
NC Central	1,183,534	89.0	85.9	100.0	94.3	83.8	69.2	65.2	100.0	90.3
UNC Pembroke	765,231	97.1	100.0	100.0	100.0	76.7	97.3	99.8	-	-
UNC Wilmington	2,033,668	99.4	98.7	100.0	100.0	89.4	92.9	100.0	100.0	93.5
Western Carolina	1,428,915	95.7	91.0	100.0	95.4	60.4	55.0	98.4	100.0	65.7
Winston-Salem	907,486	81.6	76.5	87.9	94.4	87.7	60.7	92.5	100.0	49.2
<b>Subtotal</b>	<b>8,986,204</b>	<b>92.6</b>	<b>92.4</b>	<b>57.2</b>	<b>97.5</b>	<b>77.5</b>	<b>77.6</b>	<b>94.0</b>	<b>100.0</b>	<b>86.2</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>										
Elizabeth City	692,617	96.3	100.0	100.0	95.7	74.1	73.0	100.0	-	58.7
UNC Asheville	743,712	97.3	100.0	100.0	100.0	88.7	90.3	100.0	100.0	98.0
<b>Subtotal</b>	<b>1,436,329</b>	<b>96.8</b>	<b>100.0</b>	<b>100.0</b>	<b>98.4</b>	<b>80.2</b>	<b>80.7</b>	<b>100.0</b>	<b>100.0</b>	<b>83.1</b>
<b>Schools of Art, Music, and Design</b>										
UNC School of the Arts	567,781	91.1	-	100.0	86.6	69.1	53.5	8.0	100.0	54.9
<b>Subtotal</b>	<b>567,781</b>	<b>91.1</b>	<b>-</b>	<b>100.0</b>	<b>86.6</b>	<b>69.1</b>	<b>53.5</b>	<b>8.0</b>	<b>100.0</b>	<b>54.9</b>
<b>Teaching Hospitals</b>										
UNC Hospitals	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
<b>Subtotal</b>	<b>1,194,182</b>	<b>100.0</b>	<b>100.0</b>	<b>85.3</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>98.5</b>	<b>100.0</b>	<b>100.0</b>
<b>Community Colleges</b>										
Alamance	229,664	99.8	-	100.0	100.0	100.0	97.2	100.0	100.0	-
Asheville-Buncombe	506,441	96.8	-	100.0	100.0	97.6	76.3	100.0	98.3	96.8
Beaufort Co.	170,441	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	289,190	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Brunswick	218,792	98.7	-	100.0	100.0	98.1	98.7	100.0	90.2	100.0
Caldwell	336,244	99.8	-	100.0	100.0	95.5	96.5	100.0	100.0	100.0
Cape Fear	464,560	99.2	-	100.0	100.0	97.6	99.2	99.4	100.0	100.0
Carteret	155,236	96.2	-	-	71.1	91.5	97.6	100.0	100.0	-
Catawba Valley	367,083	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	348,785	99.5	-	100.0	98.5	100.0	100.0	100.0	100.0	100.0
Central Piedmont	1,238,127	99.1	-	-	98.9	99.5	98.5	94.3	92.6	96.1
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	234,153	99.9	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Craven	197,173	99.1	-	100.0	60.4	100.0	97.2	75.4	99.7	100.0
Davidson County	293,330	98.3	-	59.9	93.7	100.0	98.7	100.0	98.2	77.0
Durham	295,670	99.7	-	-	99.9	100.0	93.4	7.9	100.0	100.0
Edgecombe	160,916	93.8	-	100.0	98.0	100.0	100.0	100.0	76.2	100.0
Fayetteville	548,958	95.1	-	100.0	97.4	97.9	88.0	62.3	100.0	-
Forsyth	504,608	98.1	-	100.0	99.3	100.0	99.6	100.0	100.0	100.0
Gaston	408,367	93.3	100.0	-	94.1	98.6	86.8	80.2	100.0	100.0
Guilford	862,690	99.3	-	81.6	86.0	100.0	81.9	100.0	100.0	84.4
Halifax	187,025	100.0	-	98.8	100.0	100.0	99.1	98.4	100.0	-
Haywood	215,912	97.6	-	100.0	100.0	100.0	86.7	100.0	100.0	27.4
Isothermal	200,083	94.6	-	100.0	34.0	100.0	99.3	88.0	100.0	-
James Sprunt	113,866	93.7	-	100.0	100.0	95.3	99.2	66.7	100.0	0.0
Johnston	306,133	99.9	-	-	100.0	99.6	94.5	74.8	100.0	-
Lenoir	295,936	96.4	-	100.0	98.8	100.0	99.7	100.0	100.0	57.9
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 Suport 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Mayland	108,843	99.9	-	22.9	100.0	100.0	88.6	73.9	100.0	-
McDowell	114,980	97.5	-	100.0	100.0	98.8	97.5	100.0	100.0	-
Mitchell	222,188	95.5	-	100.0	99.0	73.5	76.8	93.3	100.0	80.5
Montgomery	90,775	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	58.0	100.0	-
Piedmont	140,106	98.2	-	97.6	100.0	100.0	99.7	100.0	100.0	-
Pitt	283,145	100.0	-	-	97.6	100.0	95.7	62.4	100.0	83.0
Randolph	257,475	99.9	-	-	100.0	99.8	99.5	100.0	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	69.3	100.0	100.0	-
Robeson	194,500	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	215,501	89.7	-	97.5	99.1	99.1	99.9	100.0	98.2	100.0
Rowan-Cabarrus	378,474	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	227,509	100.0	-	100.0	100.0	100.0	97.7	98.4	100.0	45.5
Southeastern	178,840	97.5	-	100.0	100.0	98.4	100.0	100.0	100.0	100.0
Southwestern	176,194	97.1	-	-	100.0	100.0	98.6	17.5	100.0	-
Stanly	143,930	100.0	-	100.0	100.0	100.0	97.0	100.0	100.0	100.0
Surry	262,274	98.2	-	-	100.0	97.5	91.7	100.0	96.7	-
Tri-County	113,050	98.6	-	100.0	89.9	100.0	94.0	-	-	-
Vance-Granville	238,250	99.2	-	100.0	90.3	100.0	84.9	100.0	100.0	-
Wake	715,573	99.5	-	-	100.0	100.0	67.4	85.0	100.0	100.0
Wayne	239,672	98.7	-	-	100.0	99.5	98.6	100.0	100.0	-
Western Piedmont	238,798	99.9	-	-	100.0	99.1	95.5	33.5	100.0	17.9
Wilkes	286,452	98.9	-	92.3	100.0	94.8	99.7	100.0	98.7	100.0
Wilson	141,816	98.6	-	100.0	98.2	100.0	91.1	100.0	-	-
<b>Subtotal</b>	<b>15,731,115</b>	<b>98.3</b>	<b>100.0</b>	<b>96.9</b>	<b>96.8</b>	<b>96.9</b>	<b>92.9</b>	<b>83.1</b>	<b>98.1</b>	<b>76.2</b>
<b>Private Institutions</b>										
<b>NC Private Universities</b>										
Barton	328,901	100.0	-	-	100.0	86.4	100.0	100.0	-	100.0
Campbell	773,771	96.4	100.0	-	97.8	58.6	56.2	97.8	60.1	94.1
Mars Hill	313,495	70.0	-	86.1	92.9	47.9	54.9	99.6	-	31.7
Pfeiffer	207,957	75.4	-	100.0	59.5	43.1	20.6	9.0	100.0	95.0
<b>Subtotal</b>	<b>1,624,124</b>	<b>87.0</b>	<b>100.0</b>	<b>88.5</b>	<b>90.6</b>	<b>57.7</b>	<b>56.5</b>	<b>84.1</b>	<b>61.1</b>	<b>64.1</b>
<b>Grand Total</b>	<b>55,374,258</b>	<b>95.8</b>	<b>85.6</b>	<b>87.0</b>	<b>97.0</b>	<b>79.4</b>	<b>85.0</b>	<b>84.3</b>	<b>95.4</b>	<b>83.5</b>

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

	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	87.3	-	-	100.0	100.0	-	-	-
NC State Veterinary Med	64.2	-	-	-	-	-	-	-
UNC-Chapel Hill	94.4	-	-	98.8	96.2	-	-	-
UNC-Chapel Hill Health Aff.	98.8	-	100.0	99.9	100.0	-	-	-
<b>Subtotal</b>	<b>90.9</b>	<b>-</b>	<b>100.0</b>	<b>99.2</b>	<b>97.4</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Doctoral Universities I and II</b>								
East Carolina	100.0	-	100.0	-	-	-	-	-
East Carolina Health Aff.	100.0	-	-	-	-	-	-	-
NC A&T	98.1	-	-	-	-	-	-	-
UNC Charlotte	97.3	-	-	-	100.0	-	-	-
UNC Greensboro	93.7	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>97.7</b>	<b>-</b>	<b>16.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	88.1	-	-	-	-	-	-	-
Fayetteville	100.0	-	-	100.0	-	-	-	-
NC Central	89.0	-	100.0	-	-	-	-	-
UNC Pembroke	97.1	-	-	-	-	-	-	-
UNC Wilmington	99.4	-	-	-	100.0	-	-	-
Western Carolina	95.6	-	-	100.0	-	-	-	100.0
Winston-Salem	81.5	-	100.0	-	-	-	-	-
<b>Subtotal</b>	<b>92.5</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
Elizabeth City	96.2	-	100.0	100.0	-	-	-	-
UNC Asheville	97.3	-	-	100.0	-	-	-	-
<b>Subtotal</b>	<b>96.7</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	91.1	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>91.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>								
UNC Hospitals	100.0	-	-	100.0	-	-	-	-
<b>Subtotal</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>								
Alamance	100.0	99.7	-	100.0	100.0	-	-	-
Asheville-Buncombe	98.7	96.5	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	96.6	-	100.0	100.0	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Brunswick	100.0	98.3	-	100.0	100.0	-	-	-
Caldwell	100.0	99.7	100.0	100.0	100.0	-	-	-
Cape Fear	97.9	99.4	100.0	100.0	100.0	-	-	-
Carteret	100.0	96.0	100.0	93.4	100.0	-	-	100.0
Catawba Valley	100.0	99.4	100.0	100.0	100.0	-	-	100.0
Central Carolina	100.0	100.0	100.0	100.0	75.5	-	-	-
Central Piedmont	98.3	99.5	98.4	99.5	99.0	-	-	-
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	99.1	99.3	100.0	89.7	81.1	-	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	96.3	-	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	99.3	100.0	100.0	98.2	-	-	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	94.9	95.8	100.0	91.4	100.0	-	-	45.6
James Sprunt	100.0	91.1	100.0	92.8	100.0	-	-	-
Johnston	-	99.8	100.0	100.0	100.0	-	-	-
Lenoir	99.7	92.7	100.0	100.0	100.0	-	100.0	100.0



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

	<b>General Academic Instruction</b>	<b>Vocational Technical Instruction</b>	<b>Preparatory Remedial Instruction</b>	<b>General Studies</b>	<b>Occupational Related Instruction</b>	<b>Social Roles Instruction</b>	<b>Home &amp; Family Life</b>	<b>Personal Leisure Instruction</b>
	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
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	96.8	100.0	100.0	100.0	-	-	-
Mitchell	90.1	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	-	100.0	100.0
Rockingham	86.8	94.4	-	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	97.3	100.0	91.6	63.5	99.8	-	-	-
Southwestern	100.0	100.0	100.0	100.0	80.4	-	-	-
Stanly	-	100.0	100.0	100.0	100.0	-	-	-
Surry	96.2	98.8	100.0	100.0	100.0	-	-	-
Tri-County	100.0	99.8	100.0	100.0	54.5	-	100.0	100.0
Vance-Granville	95.5	99.9	100.0	100.0	100.0	-	-	100.0
Wake	100.0	99.2	-	99.6	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	-	-	-
<b>Subtotal</b>	<b>98.5</b>	<b>98.6</b>	<b>99.5</b>	<b>99.3</b>	<b>94.7</b>	<b>96.8</b>	<b>97.7</b>	<b>96.4</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
Barton	100.0	-	-	-	-	-	-	-
Campbell	96.4	-	-	-	-	-	-	-
Mars Hill	70.0	-	-	-	-	-	-	-
Pfeiffer	75.4	-	100.0	-	-	-	-	-
<b>Subtotal</b>	<b>87.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total</b>	<b>94.1</b>	<b>98.6</b>	<b>98.9</b>	<b>99.3</b>	<b>94.8</b>	<b>96.8</b>	<b>97.7</b>	<b>96.9</b>

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
<b>Public Institutions</b>							
<b>Research Universities I</b>							
NC State	50.7	79.1	-	-	71.8	68.5	78.7
NC State Veterinary Med	-	74.2	93.2	96.4	-	99.6	-
UNC-Chapel Hill	87.3	97.7	100.0	100.0	94.2	100.0	74.8
UNC-Chapel Hill Health Aff.	99.0	99.1	99.9	99.5	99.9	100.0	-
<b>Subtotal</b>	<b>56.1</b>	<b>86.8</b>	<b>98.5</b>	<b>98.9</b>	<b>76.2</b>	<b>71.8</b>	<b>75.2</b>
<b>Doctoral Universities I and II</b>							
East Carolina	100.0	100.0	-	100.0	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	96.9	97.9	-	-	100.0	-	-
UNC Greensboro	-	97.4	96.7	-	4.5	-	-
<b>Subtotal</b>	<b>98.2</b>	<b>98.7</b>	<b>99.7</b>	<b>100.0</b>	<b>91.2</b>	<b>100.0</b>	<b>100.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>							
Appalachian	100.0	62.6	100.0	-	25.9	-	-
Fayetteville	-	100.0	-	-	100.0	-	100.0
NC Central	98.9	76.0	-	-	100.0	-	100.0
UNC Pembroke	-	100.0	-	-	100.0	-	-
UNC Wilmington	97.8	100.0	-	-	100.0	-	-
Western Carolina	83.7	100.0	-	-	100.0	-	100.0
Winston-Salem	-	76.5	-	-	86.4	-	100.0
<b>Subtotal</b>	<b>95.6</b>	<b>89.7</b>	<b>100.0</b>	<b>-</b>	<b>51.4</b>	<b>-</b>	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>							
Elizabeth City	-	100.0	-	-	100.0	-	100.0
UNC Asheville	-	100.0	-	-	100.0	-	-
<b>Subtotal</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>
<b>Schools of Art, Music, and Design</b>							
UNC School of the Arts	-	-	-	-	100.0	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>							
UNC Hospitals	-	100.0	79.7	89.1	-	-	-
<b>Subtotal</b>	<b>-</b>	<b>100.0</b>	<b>79.7</b>	<b>89.1</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>							
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	-	-	-	-	81.6	-	-
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	-	-
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	-	-
<b>Subtotal</b>	-	<b>100.0</b>	-	<b>100.0</b>	<b>96.8</b>	<b>100.0</b>	<b>100.0</b>
<b>Private Institutions</b>							
<b>NC Private Universities</b>							
Barton	-	-	-	-	-	-	-
Campbell	-	100.0	-	-	-	-	-
Mars Hill	-	-	-	-	86.1	-	-
Pfeiffer	-	-	-	-	100.0	-	-
<b>Subtotal</b>	-	<b>100.0</b>	-	-	<b>88.5</b>	-	-
<b>Grand Total</b>	<b>68.4</b>	<b>88.7</b>	<b>87.3</b>	<b>92.0</b>	<b>83.0</b>	<b>75.0</b>	<b>90.0</b>

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

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
<b>Public Institutions</b>								
<b>Research Universities I</b>								
NC State	98.2	-	53.4	80.3	65.5	91.5	100.0	96.3
NC State Veterinary Med	98.1	-	85.3	10.0	-	100.0	-	-
UNC-Chapel Hill	99.9	100.0	84.6	99.2	98.0	95.1	100.0	98.5
UNC-Chapel Hill Health Aff.	99.9	100.0	98.7	100.0	90.7	99.3	99.4	100.0
<b>Subtotal</b>	<b>99.4</b>	<b>100.0</b>	<b>66.8</b>	<b>90.4</b>	<b>89.0</b>	<b>95.5</b>	<b>99.9</b>	<b>98.2</b>
<b>Doctoral Universities I and II</b>								
East Carolina	100.0	100.0	100.0	100.0	-	100.0	-	-
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	98.5	-	-
UNC Charlotte	97.4	96.8	100.0	83.9	-	97.3	100.0	100.0
UNC Greensboro	99.5	99.8	100.0	100.0	98.5	94.2	-	100.0
<b>Subtotal</b>	<b>99.2</b>	<b>99.8</b>	<b>100.0</b>	<b>94.3</b>	<b>95.9</b>	<b>97.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>								
Appalachian	100.0	-	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	100.0	100.0	100.0	100.0	100.0	-	-
NC Central	99.5	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	-	-
<b>Subtotal</b>	<b>99.9</b>	<b>91.8</b>	<b>96.7</b>	<b>93.9</b>	<b>85.7</b>	<b>94.9</b>	-	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>								
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
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>90.3</b>	<b>84.8</b>	-	<b>100.0</b>
<b>Schools of Art, Music, and Design</b>								
UNC School of the Arts	100.0	100.0	100.0	42.2	100.0	64.8	-	-
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>42.2</b>	<b>100.0</b>	<b>64.8</b>	-	-
<b>Teaching Hospitals</b>								
UNC Hospitals	-	-	-	-	-	-	-	-
<b>Subtotal</b>	-	-	-	-	-	-	-	-
<b>Community Colleges</b>								
Alamance	100.0	100.0	-	-	100.0	100.0	-	-
Asheville-Buncombe	100.0	-	100.0	100.0	100.0	100.0	-	-
Beaufort Co.	100.0	-	100.0	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	-	-
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	94.7	100.0	-	98.3	100.0	95.2
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	47.5	-	-	100.0	-	98.3	-	100.0
Davidson County	92.1	-	100.0	-	97.1	96.2	-	-
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	71.0	100.0	-	-
Guilford	100.0	-	100.0	-	50.2	100.0	-	-
Halifax	100.0	-	-	-	100.0	100.0	-	-
Haywood	100.0	100.0	100.0	-	100.0	100.0	-	-
Isothermal	16.2	-	-	-	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Johnston	100.0	100.0	100.0	-	100.0	100.0	-	-
Lenoir	98.4	100.0	100.0	100.0	-	99.6	-	-

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

	Library Services <b>41</b>	Museums & Galleries <b>42</b>	Educational & Media Services <b>43</b>	Academic Computing Support <b>44</b>	Ancillary Support <b>45</b>	Academic Admin. <b>46</b>	Course & Curriculum Dev. <b>47</b>	Academic Personnel Dev. <b>48</b>
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	90.9	-	-
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	100.0	-	-
<b>Subtotal</b>	<b>97.2</b>	<b>100.0</b>	<b>99.0</b>	<b>100.0</b>	<b>87.9</b>	<b>98.4</b>	<b>100.0</b>	<b>98.0</b>
<b>Private Institutions</b>								
<b>NC Private Universities</b>								
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	50.7	-	100.0	-	-	97.5	-	100.0
<b>Subtotal</b>	<b>90.9</b>	<b>89.9</b>	<b>96.9</b>	<b>100.0</b>	<b>100.0</b>	<b>81.9</b>	-	<b>100.0</b>
<b>Grand Total</b>	<b>98.6</b>	<b>96.9</b>	<b>95.1</b>	<b>93.4</b>	<b>90.6</b>	<b>95.7</b>	<b>99.9</b>	<b>98.7</b>

**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
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	89.4	76.1	88.7	99.5	47.7	72.6	50.2	61.2	70.3	76.0	30.2	12.1
NC State Veterinary Med	-	100.0	-	-	97.3	-	-	-	-	-	100.0	-
UNC-Chapel Hill	93.0	90.4	100.0	10.8	86.5	83.6	99.9	97.1	90.6	90.6	90.4	72.6
UNC-Chapel Hill Health Aff.	99.6	100.0	98.8	-	99.9	-	-	-	100.0	99.7	18.9	-
<b>Subtotal</b>	<b>92.5</b>	<b>82.4</b>	<b>95.3</b>	<b>58.2</b>	<b>70.8</b>	<b>79.3</b>	<b>80.9</b>	<b>80.0</b>	<b>84.7</b>	<b>90.3</b>	<b>76.7</b>	<b>39.9</b>
<b>Doctoral Universities I and II</b>												
East Carolina	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0
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	82.0	94.5	100.0	97.1	100.0	100.0	99.6	41.6	100.0	100.0	-
UNC Greensboro	100.0	89.2	100.0	100.0	74.1	63.6	100.0	100.0	100.0	86.8	78.0	63.5
<b>Subtotal</b>	<b>100.0</b>	<b>91.5</b>	<b>98.4</b>	<b>100.0</b>	<b>88.4</b>	<b>90.9</b>	<b>100.0</b>	<b>99.8</b>	<b>89.2</b>	<b>98.0</b>	<b>80.1</b>	<b>84.8</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>												
Appalachian	-	99.3	100.0	97.0	64.0	100.0	100.0	97.3	81.8	-	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	62.7	98.2	100.0	100.0	100.0	100.0	100.0	100.0
NC Central	100.0	93.9	100.0	93.0	82.2	80.7	82.4	44.1	82.5	-	100.0	100.0
UNC Pembroke	100.0	81.1	100.0	100.0	74.0	100.0	44.6	100.0	100.0	98.7	100.0	100.0
UNC Wilmington	100.0	84.9	100.0	-	91.0	73.8	100.0	100.0	100.0	100.0	100.0	100.0
Western Carolina	100.0	98.7	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
<b>Subtotal</b>	<b>99.1</b>	<b>95.2</b>	<b>100.0</b>	<b>96.9</b>	<b>71.6</b>	<b>91.5</b>	<b>89.3</b>	<b>94.8</b>	<b>88.6</b>	<b>98.7</b>	<b>100.0</b>	<b>100.0</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>												
Elizabeth City	100.0	100.0	100.0	100.0	70.6	95.0	-	100.0	100.0	-	100.0	-
UNC Asheville	100.0	100.0	100.0	-	91.0	49.0	100.0	-	100.0	100.0	100.0	-
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>78.7</b>	<b>65.2</b>	<b>29.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>
<b>Schools of Art, Music, and Design</b>												
UNC School of the Arts	100.0	92.3	100.0	100.0	58.8	-	44.6	37.3	-	-	-	-
<b>Subtotal</b>	<b>100.0</b>	<b>92.3</b>	<b>100.0</b>	<b>100.0</b>	<b>58.8</b>	<b>-</b>	<b>44.6</b>	<b>37.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	-	-	-	-	-	-	-	-	100.0	94.3	-	-
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>94.3</b>	<b>-</b>	<b>-</b>
<b>Community Colleges</b>												
Alamance	100.0	100.0	100.0	100.0	100.0	-	-	100.0	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
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	94.5	-	-	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	98.3	99.9	100.0	99.3	99.6	-	-	100.0	97.8	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	-	-	-	75.4	-	-	-
Davidson County	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Durham	100.0	100.0	100.0	100.0	100.0	-	-	-	3.4	30.0	-	100.0
Edgecombe	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Fayetteville	100.0	95.0	100.0	100.0	100.0	-	100.0	100.0	39.0	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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	99.0	-	-	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	65.7	90.6	100.0	69.9	-	-	-	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	-	-	-	58.0	-	-	-
Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	100.0
Pitt	100.0	100.0	100.0	100.0	100.0	100.0	-	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	100.0	94.0	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	-	-	-	-	-	-	-
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	82.4	-	-	-
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	93.7	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Wilson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
<b>Subtotal</b>	<b>99.7</b>	<b>93.9</b>	<b>99.0</b>	<b>99.7</b>	<b>98.6</b>	<b>100.0</b>	<b>100.0</b>	<b>89.4</b>	<b>81.5</b>	<b>95.3</b>	<b>100.0</b>	<b>81.2</b>
<b>Private Institutions</b>												
<b>NC Private Universities</b>												
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	-	66.1	100.0	54.9	33.5	75.2	100.0	-	9.8	-	-	-
<b>Subtotal</b>	<b>59.0</b>	<b>76.5</b>	<b>87.7</b>	<b>80.9</b>	<b>49.8</b>	<b>82.2</b>	<b>81.5</b>	<b>93.9</b>	<b>82.2</b>	<b>82.4</b>	<b>-</b>	<b>100.0</b>
<b>Grand Total</b>	<b>97.0</b>	<b>91.1</b>	<b>98.4</b>	<b>91.7</b>	<b>75.5</b>	<b>83.4</b>	<b>86.1</b>	<b>92.1</b>	<b>84.9</b>	<b>93.6</b>	<b>83.0</b>	<b>68.7</b>

**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
<b>Public Institutions</b>												
<b>Research Universities I</b>												
NC State	96.2	90.8	40.5	70.4	28.2	70.7	100.0	99.5	96.0	78.7	82.7	74.8
NC State Veterinary Med	-	-	81.4	25.5	-	100.0	-	-	-	100.0	-	-
UNC-Chapel Hill	86.8	95.6	94.7	99.3	61.0	95.4	62.1	17.6	92.9	97.7	90.0	90.1
UNC-Chapel Hill Health Aff.	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	35.8	99.9	90.3	100.0
<b>Subtotal</b>	<b>91.8</b>	<b>95.1</b>	<b>69.6</b>	<b>85.3</b>	<b>36.4</b>	<b>82.8</b>	<b>81.2</b>	<b>96.8</b>	<b>77.9</b>	<b>88.0</b>	<b>87.4</b>	<b>86.7</b>
<b>Doctoral Universities I and II</b>												
East Carolina	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
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	84.6	75.4	100.0	100.0	-	100.0	100.0	-
UNC Charlotte	93.3	78.7	86.0	99.1	85.9	100.0	98.7	100.0	-	-	36.5	65.8
UNC Greensboro	100.0	100.0	97.0	99.4	75.0	100.0	95.9	100.0	-	99.9	69.2	13.7
<b>Subtotal</b>	<b>98.1</b>	<b>94.0</b>	<b>97.4</b>	<b>99.7</b>	<b>84.8</b>	<b>96.6</b>	<b>98.5</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>96.1</b>	<b>91.7</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>												
Appalachian	100.0	90.7	72.4	100.0	92.3	74.2	85.4	17.0	100.0	100.0	-	100.0
Fayetteville	98.0	100.0	100.0	100.0	98.2	68.5	100.0	100.0	-	100.0	-	-
NC Central	96.1	99.5	40.7	91.2	91.3	69.1	-	100.0	100.0	100.0	58.6	92.0
UNC Pembroke	100.0	100.0	100.0	47.8	90.4	93.2	100.0	100.0	-	-	-	-
UNC Wilmington	100.0	100.0	99.9	100.0	67.3	73.6	100.0	100.0	-	100.0	70.7	96.8
Western Carolina	78.1	100.0	100.0	98.8	8.4	80.4	100.0	100.0	100.0	100.0	100.0	64.8
Winston-Salem	90.0	61.6	43.6	97.6	48.9	60.3	100.0	100.0	100.0	100.0	2.9	67.7
<b>Subtotal</b>	<b>94.4</b>	<b>91.2</b>	<b>83.2</b>	<b>96.7</b>	<b>46.3</b>	<b>74.5</b>	<b>86.6</b>	<b>76.6</b>	<b>100.0</b>	<b>100.0</b>	<b>44.4</b>	<b>90.3</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>												
Elizabeth City	100.0	100.0	95.0	100.0	21.0	100.0	100.0	100.0	-	-	100.0	54.7
UNC Asheville	73.5	100.0	57.2	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	97.7
<b>Subtotal</b>	<b>85.1</b>	<b>100.0</b>	<b>84.9</b>	<b>100.0</b>	<b>46.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>81.2</b>
<b>Schools of Art, Music, and Design</b>												
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
<b>Subtotal</b>	<b>72.7</b>	<b>100.0</b>	<b>15.5</b>	<b>100.0</b>	<b>75.1</b>	<b>35.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>25.0</b>	<b>100.0</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
<b>Subtotal</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Community Colleges</b>												
Alamance	99.4	100.0	100.0	100.0	79.3	100.0	100.0	100.0	-	100.0	-	-
Asheville-Buncombe	48.8	100.0	79.6	100.0	72.0	-	100.0	100.0	-	98.3	96.1	97.8
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	86.1	100.0	100.0	100.0	100.0	100.0	100.0	88.8	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	96.3	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	98.8	97.3	97.4	99.1	99.8	99.1	-	92.6	80.1	99.1
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	-	99.7	100.0	-
Davidson County	100.0	100.0	98.1	-	99.1	100.0	100.0	100.0	-	98.2	-	77.0
Durham	100.0	100.0	69.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Edgecombe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.2	100.0	-
Fayetteville	100.0	99.6	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	95.7	74.2	100.0	100.0	100.0	100.0	100.0	-	100.0	11.1	94.6
Halifax	98.3	100.0	99.2	100.0	91.5	100.0	100.0	100.0	-	100.0	-	-
Haywood	100.0	100.0	56.8	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**

	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Ind. Operations		Unassigned	
									Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Johnston	100.0	100.0	100.0	100.0	56.6	100.0	100.0	100.0	-	100.0	-	-
Lenoir	100.0	100.0	98.9	100.0	100.0	100.0	100.0	100.0	-	100.0	53.9	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	-	-
McDowell	92.6	97.9	97.7	100.0	97.3	100.0	-	100.0	-	100.0	-	-
Mitchell	85.4	100.0	53.6	100.0	50.5	-	100.0	-	-	100.0	79.6	80.6
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	69.2	100.0	-	100.0	83.0	-
Randolph	100.0	100.0	99.4	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Richmond	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Roanoke-Chowan	98.0	100.0	49.8	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	99.8	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	-	45.5
Southeastern	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	100.0	-
Southwestern	100.0	95.4	98.1	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Stanly	100.0	100.0	99.2	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	91.3	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	34.9	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	11.9
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	66.7	100.0	100.0	100.0	100.0	100.0	-	-	-	-
<b>Subtotal</b>	<b>97.0</b>	<b>99.2</b>	<b>86.5</b>	<b>98.2</b>	<b>89.5</b>	<b>97.7</b>	<b>99.1</b>	<b>99.5</b>	<b>93.6</b>	<b>99.1</b>	<b>58.1</b>	<b>83.8</b>
<b>Private Institutions</b>												
<b>NC Private Universities</b>												
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	35.6	43.1	74.5	-	-	-	34.9	-	-	100.0	100.0	95.0
<b>Subtotal</b>	<b>85.2</b>	<b>74.4</b>	<b>82.3</b>	<b>89.4</b>	<b>30.8</b>	<b>45.7</b>	<b>78.7</b>	<b>82.2</b>	<b>-</b>	<b>89.9</b>	<b>50.9</b>	<b>77.5</b>
<b>Grand Total</b>	<b>95.3</b>	<b>96.1</b>	<b>84.8</b>	<b>93.7</b>	<b>55.3</b>	<b>82.9</b>	<b>92.8</b>	<b>93.7</b>	<b>90.2</b>	<b>97.0</b>	<b>70.9</b>	<b>88.1</b>



**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. 93-94 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	%
<b>Public Institutions</b>									
<b>Research Universities I</b>									
NC State	5,830,833	269,744	98.4	1,439,652	88.3	1,549,694	92.2	264,986	97.1
NC State Veterinary Med	271,750	7,503	98.0	76,064	74.3	58,906	94.2	13,470	98.2
UNC-Chapel Hill	6,278,752	291,890	97.9	509,945	95.7	1,385,171	92.8	607,511	98.7
UNC-Chapel Hill Health Aff.	2,421,382	63,159	99.9	707,653	99.6	1,050,135	99.1	77,050	100.0
<b>Subtotal</b>	<b>14,802,717</b>	<b>632,296</b>	<b>98.3</b>	<b>2,733,314</b>	<b>91.8</b>	<b>4,043,906</b>	<b>94.2</b>	<b>963,017</b>	<b>98.3</b>
<b>Doctoral Universities I and II</b>									
East Carolina	3,268,502	185,505	100.0	334,082	100.0	644,903	100.0	210,414	100.0
East Carolina Health Aff.	763,605	36,356	100.0	156,353	100.0	292,368	100.0	64,393	100.0
NC A&T	1,972,478	138,991	96.1	342,593	99.3	400,973	96.9	126,562	100.0
UNC Charlotte	2,805,183	186,677	99.8	449,975	98.4	625,867	92.9	173,320	99.7
UNC Greensboro	2,222,038	133,201	98.4	292,978	97.2	529,615	93.9	142,414	99.8
<b>Subtotal</b>	<b>11,031,806</b>	<b>680,730</b>	<b>98.8</b>	<b>1,575,981</b>	<b>98.9</b>	<b>2,493,726</b>	<b>96.3</b>	<b>717,103</b>	<b>99.9</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>									
Appalachian	2,013,872	140,355	91.0	206,475	85.3	406,162	87.6	85,913	95.4
Fayetteville	653,498	51,580	99.9	76,008	100.0	159,740	99.3	60,917	97.9
NC Central	1,183,534	91,595	84.9	123,255	85.5	224,438	87.8	96,708	96.9
UNC Pembroke	765,231	72,030	99.0	46,736	100.0	160,261	95.1	42,044	99.8
UNC Wilmington	2,033,668	142,901	100.0	198,351	99.3	377,460	98.9	123,363	100.0
Western Carolina	1,428,915	91,728	99.8	161,419	98.2	297,489	97.4	126,178	99.9
Winston-Salem	907,486	55,604	77.7	61,287	72.3	172,394	84.5	48,464	100.0
<b>Subtotal</b>	<b>8,986,204</b>	<b>645,793</b>	<b>93.2</b>	<b>873,531</b>	<b>91.2</b>	<b>1,797,944</b>	<b>92.7</b>	<b>583,587</b>	<b>98.5</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>									
Elizabeth City	692,617	47,783	92.1	79,452	99.9	98,788	95.3	39,317	92.7
UNC Asheville	743,712	48,052	100.0	86,525	100.0	134,460	94.4	73,729	100.0
<b>Subtotal</b>	<b>1,436,329</b>	<b>95,835</b>	<b>95.9</b>	<b>165,977</b>	<b>100.0</b>	<b>233,248</b>	<b>94.8</b>	<b>113,046</b>	<b>97.3</b>
<b>Schools of Art, Music, and Design</b>									
UNC School of the Arts	567,781	18,854	64.6	169,266	93.4	70,954	78.6	20,291	95.5
<b>Subtotal</b>	<b>567,781</b>	<b>18,854</b>	<b>64.6</b>	<b>169,266</b>	<b>93.4</b>	<b>70,954</b>	<b>78.6</b>	<b>20,291</b>	<b>95.5</b>
<b>Teaching Hospitals</b>									
UNC Hospitals	1,194,182	9,926	100.0	10,829	100.0	334,517	90.0	2,897	89.3
<b>Subtotal</b>	<b>1,194,182</b>	<b>9,926</b>	<b>100.0</b>	<b>10,829</b>	<b>100.0</b>	<b>334,517</b>	<b>90.0</b>	<b>2,897</b>	<b>89.3</b>
<b>Community Colleges</b>									
Alamance	229,664	69,468	100.0	72,930	99.8	45,071	99.5	10,937	100.0
Asheville-Buncombe	506,441	96,922	98.3	186,764	96.6	111,779	92.8	16,788	100.0
Beaufort Co.	170,441	38,176	100.0	53,631	99.8	32,678	98.9	8,572	100.0
Bladen	110,457	26,016	100.0	30,775	94.4	20,103	98.9	11,612	100.0
Blue Ridge	289,190	67,728	100.0	94,840	100.0	42,540	100.0	12,535	100.0
Brunswick	218,792	50,109	98.6	36,721	98.0	35,530	97.5	7,369	100.0
Caldwell	336,244	88,756	100.0	80,717	99.6	63,212	100.0	18,315	100.0
Cape Fear	464,560	101,101	99.1	173,446	99.5	85,172	99.1	27,476	100.0
Carteret	155,236	39,852	96.0	60,851	99.4	31,505	95.6	6,761	100.0
Catawba Valley	367,083	60,750	100.0	122,812	99.4	54,554	100.0	19,852	100.0
Central Carolina	348,785	107,991	100.0	110,136	100.0	61,714	97.7	19,939	99.4
Central Piedmont	1,238,127	339,537	99.6	329,403	98.5	253,684	98.3	64,769	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	234,153	61,363	100.0	54,462	99.8	49,620	100.0	21,055	100.0
Craven	197,173	50,428	100.0	69,886	98.4	41,925	99.5	9,499	53.4
Davidson County	293,330	68,754	97.5	76,338	93.7	59,697	98.7	25,341	93.2
Durham	295,670	84,975	100.0	95,057	99.5	68,327	95.3	15,221	100.0
Edgecombe	160,916	34,602	98.3	39,458	88.1	29,685	99.5	12,038	97.7
Fayetteville	548,958	141,488	92.2	177,874	96.0	120,173	97.6	25,929	100.0
Forsyth	504,608	108,427	100.0	179,339	96.5	110,111	99.7	18,205	98.5
Gaston	408,367	90,717	100.0	122,424	85.8	93,959	97.8	29,974	100.0
Guilford	862,690	208,193	99.3	261,458	99.5	142,599	99.3	36,589	100.0
Halifax	187,025	37,203	100.0	49,552	100.0	34,307	99.8	11,164	100.0
Haywood	215,912	25,973	90.5	93,912	90.7	33,432	98.3	13,901	100.0
Isothermal	200,083	35,895	92.5	62,280	93.3	29,588	98.4	2,559	22.7
James Sprunt	113,866	28,110	96.1	21,188	91.3	36,019	95.3	10,267	100.0
Johnston	306,133	87,214	99.8	79,126	98.2	59,194	99.7	12,243	100.0
Lenoir	295,936	72,693	100.0	56,794	89.5	50,433	99.1	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	%	200	%	300	%	400	%
		ASF		ASF		ASF		ASF	
Mayland	108,843	31,125	100.0	24,757	93.5	22,836	100.0	9,810	100.0
McDowell	114,980	26,632	95.5	32,196	98.4	20,420	98.6	5,938	100.0
Mitchell	222,188	65,330	98.6	45,161	97.4	42,648	90.6	15,367	100.0
Montgomery	90,775	19,384	100.0	29,768	100.0	16,866	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	36,566	99.6	35,466	99.9	31,520	99.5	7,732	86.9
Pitt	283,145	61,828	100.0	87,351	100.0	65,349	96.3	23,178	100.0
Randolph	257,475	56,076	99.7	88,552	100.0	39,184	99.3	7,565	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	36,189	100.0	17,151	99.5	11,019	100.0
Robeson	194,500	42,039	100.0	51,513	100.0	34,855	100.0	15,077	100.0
Rockingham	215,501	40,408	96.4	62,226	93.6	34,611	98.4	14,092	100.0
Rowan-Cabarrus	378,474	89,744	100.0	106,931	100.0	84,359	100.0	25,117	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	227,509	37,650	100.0	44,495	100.0	45,083	100.0	11,916	100.0
Southeastern	178,840	46,892	95.5	47,968	98.8	33,836	98.4	15,091	100.0
Southwestern	176,194	39,138	100.0	44,768	93.0	36,917	99.5	11,306	100.0
Stanly	143,930	36,691	100.0	39,582	100.0	31,701	98.5	8,435	100.0
Surry	262,274	70,218	97.8	75,902	100.0	43,954	94.8	21,864	100.0
Tri-County	113,050	31,657	100.0	38,746	97.3	15,189	99.3	4,621	81.5
Vance-Granville	238,250	55,754	97.9	80,178	100.0	46,074	99.5	13,486	85.7
Wake	715,573	169,575	99.9	209,696	98.9	155,459	99.6	56,230	100.0
Wayne	239,672	43,373	100.0	78,977	97.5	51,712	99.7	19,644	100.0
Western Piedmont	238,798	60,500	100.0	64,848	99.9	44,236	99.5	16,173	100.0
Wilkes	286,452	57,727	99.0	70,288	98.6	45,916	99.9	17,157	100.0
Wilson	141,816	38,828	96.5	41,757	100.0	28,929	97.8	10,591	99.5
<b>Subtotal</b>	<b>15,731,115</b>	<b>3,729,118</b>	<b>98.8</b>	<b>4,616,545</b>	<b>97.6</b>	<b>3,023,860</b>	<b>98.3</b>	<b>947,555</b>	<b>97.5</b>
<b>Private Institutions</b>									
<b>NC Private Universities</b>									
Barton	328,901	28,852	100.0	24,220	100.0	56,917	99.8	21,578	100.0
Campbell	773,771	88,211	98.1	51,612	99.5	120,240	85.0	72,904	99.9
Mars Hill	313,495	29,208	78.7	29,002	63.4	44,804	69.6	27,357	94.5
Pfeiffer	207,957	31,232	82.4	25,330	75.3	32,584	65.3	12,442	51.2
<b>Subtotal</b>	<b>1,624,124</b>	<b>177,503</b>	<b>91.6</b>	<b>130,164</b>	<b>83.7</b>	<b>254,545</b>	<b>81.4</b>	<b>134,281</b>	<b>90.9</b>
<b>Grand Total</b>	<b>55,374,258</b>	<b>5,990,055</b>	<b>97.7</b>	<b>10,275,607</b>	<b>95.4</b>	<b>12,252,700</b>	<b>94.8</b>	<b>3,481,777</b>	<b>98.1</b>

**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											
<b>Research Universities I</b>												
NC State	834,018	54.2	566,457	87.4	159,048	36.5	1,826	13.7	616,282	40.3	129,126	78.6
NC State Veterinary Med	27,890	41.2	7,598	98.4	18,163	74.3	61,977	96.1	179	100.0	0	-
UNC-Chapel Hill	618,468	86.7	726,298	95.9	396,154	92.4	22,017	99.9	1,589,534	84.0	131,764	89.8
UNC-Chapel Hill Health Aff.	148,081	93.0	83,198	98.4	20,314	68.3	155,660	99.5	-	-	116,132	94.5
<b>Subtotal</b>	<b>1,628,457</b>	<b>65.7</b>	<b>1,383,551</b>	<b>92.4</b>	<b>593,679</b>	<b>64.6</b>	<b>241,480</b>	<b>94.2</b>	<b>2,205,995</b>	<b>64.5</b>	<b>377,022</b>	<b>86.9</b>
<b>Doctoral Universities I and II</b>												
East Carolina	319,631	100.0	309,965	100.0	152,888	100.0	4,966	100.0	827,722	100.0	278,426	100.0
East Carolina Health Aff.	44,707	100.0	7,478	100.0	37,094	100.0	112,343	100.0	-	-	12,513	100.0
NC A&T	242,154	91.3	202,462	95.2	192,998	97.1	6,519	100.0	316,770	73.8	2,456	100.0
UNC Charlotte	144,768	76.8	317,548	92.4	55,225	85.9	8,100	100.0	797,307	99.6	46,396	66.0
UNC Greensboro	77,156	66.8	343,814	90.9	239,138	94.2	9,944	100.0	452,901	67.8	877	13.6
<b>Subtotal</b>	<b>828,416</b>	<b>88.7</b>	<b>1,181,267</b>	<b>94.4</b>	<b>677,343</b>	<b>95.8</b>	<b>141,872</b>	<b>100.0</b>	<b>2,394,700</b>	<b>87.9</b>	<b>340,668</b>	<b>92.0</b>
<b>Master's (Comprehensive) Universities and Colleges I</b>												
Appalachian	297,223	83.9	340,301	89.7	72,529	90.4	11,733	100.0	437,308	60.4	15,873	100.0
Fayetteville	77,086	99.3	109,086	98.8	19,020	100.0	2,319	100.0	97,742	56.1	0	-
NC Central	114,766	92.2	123,583	93.9	13,684	45.0	1,523	75.8	211,243	78.9	182,739	90.6
UNC Pembroke	86,631	100.0	104,797	90.8	51,100	100.0	1,312	50.2	200,320	69.5	0	-
UNC Wilmington	85,484	73.8	257,277	94.0	86,014	100.0	4,531	100.0	688,547	88.9	69,740	93.0
Western Carolina	184,310	90.4	291,824	95.6	61,376	97.2	3,246	100.0	202,409	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
<b>Subtotal</b>	<b>912,218</b>	<b>88.5</b>	<b>1,342,899</b>	<b>93.5</b>	<b>328,350</b>	<b>90.9</b>	<b>27,285</b>	<b>86.4</b>	<b>2,179,348</b>	<b>65.9</b>	<b>295,249</b>	<b>86.1</b>
<b>Baccalaureate (Liberal Arts) Universities and Colleges I and II</b>												
Elizabeth City	98,312	95.9	93,476	93.5	17,544	95.7	-	-	203,409	65.8	14,536	56.6
UNC Asheville	58,182	78.1	100,428	98.7	37,947	100.0	1,207	100.0	161,391	89.4	41,791	97.9
<b>Subtotal</b>	<b>156,494</b>	<b>88.4</b>	<b>193,904</b>	<b>96.1</b>	<b>55,491</b>	<b>98.6</b>	<b>1,207</b>	<b>19.9</b>	<b>364,800</b>	<b>74.5</b>	<b>56,327</b>	<b>82.4</b>
<b>Schools of Art, Music, and Design</b>												
UNC School of the Arts	27,303	100.0	107,374	90.8	34,697	59.6	1,259	41.0	90,714	57.1	27,069	54.9
<b>Subtotal</b>	<b>27,303</b>	<b>100.0</b>	<b>107,374</b>	<b>90.8</b>	<b>34,697</b>	<b>59.6</b>	<b>1,259</b>	<b>41.0</b>	<b>90,714</b>	<b>57.1</b>	<b>27,069</b>	<b>54.9</b>
<b>Teaching Hospitals</b>												
UNC Hospitals	32,493	100.0	53,825	86.4	84,162	98.4	619,855	84.2	3,785	100.0	41,893	100.0
<b>Subtotal</b>	<b>32,493</b>	<b>100.0</b>	<b>53,825</b>	<b>86.4</b>	<b>84,162</b>	<b>98.4</b>	<b>619,855</b>	<b>84.2</b>	<b>3,785</b>	<b>100.0</b>	<b>41,893</b>	<b>100.0</b>
<b>Community Colleges</b>												
Alamance	4,026	100.0	17,907	100.0	9,325	100.0	-	-	-	-	0	-
Asheville-Buncombe	17,126	100.0	50,566	98.0	16,209	91.9	980	100.0	-	-	9,307	94.6
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	6,403	100.0	52,153	100.0	12,991	100.0	-	-	-	-	0	-
Brunswick	29,789	100.0	47,329	89.6	11,833	100.0	112	100.0	-	-	0	-
Caldwell	18,526	100.0	50,817	96.6	15,605	96.6	-	-	-	-	296	100.0
Cape Fear	24,879	100.0	29,913	96.7	19,446	99.5	-	-	-	-	3,127	100.0
Carteret	2,052	29.6	7,352	87.5	6,863	100.0	-	-	-	-	0	-
Catawba Valley	36,966	100.0	29,864	100.0	2,633	100.0	-	-	-	-	39,652	100.0
Central Carolina	11,379	100.0	33,291	100.0	2,134	100.0	-	-	-	-	2,201	100.0
Central Piedmont	14,711	97.0	119,433	99.6	63,731	96.2	-	-	-	-	52,859	96.1
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	-	-	35,683	100.0	11,676	100.0	-	-	-	-	294	100.0
Craven	2,565	100.0	21,444	100.0	1,146	63.2	-	-	-	-	280	100.0
Davidson County	19,653	100.0	25,029	99.9	17,393	100.0	142	100.0	-	-	983	77.0
Durham	2,507	98.1	23,339	99.3	5,244	12.8	-	-	-	-	1,000	100.0
Edgecombe	770	100.0	36,414	95.9	7,420	100.0	-	-	-	-	529	100.0
Fayetteville	21,334	95.5	45,643	98.3	16,139	61.5	378	100.0	-	-	0	-
Forsyth	15,041	100.0	51,821	100.0	10,807	100.0	-	-	-	-	10,857	100.0
Gaston	16,022	89.7	38,822	98.6	8,594	74.2	748	100.0	-	-	7,107	100.0
Guilford	21,557	68.9	59,348	98.1	38,307	74.2	-	-	-	-	94,639	84.4
Halifax	7,060	100.0	39,229	99.1	8,510	99.2	-	-	-	-	0	-
Haywood	2,436	100.0	36,694	100.0	6,614	66.0	-	-	-	-	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	0.0
Johnston	15,689	100.0	35,347	100.0	17,320	85.2	-	-	-	-	0	-
Lenoir	27,021	100.0	49,308	100.0	17,902	100.0	-	-	-	-	3,164	57.1

**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	-	-	-	-	0	-
McDowell	818	100.0	22,588	99.8	6,388	100.0	-	-	-	-	0	-
Mitchell	9,765	55.9	30,639	83.7	6,952	72.2	-	-	-	-	6,326	80.5
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	65.3	-	-	-	-	0	-
Piedmont	-	-	15,154	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	25,054	100.0	36,361	100.0	-	-	-	-	2,242	100.0
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	7,548	67.8	-	-	-	-	0	-
Robeson	2,939	100.0	34,401	100.0	7,602	100.0	-	-	-	-	6,074	100.0
Rockingham	21,525	68.2	28,528	99.1	9,092	100.0	-	-	-	-	5,019	100.0
Rowan-Cabarrus	4,071	100.0	39,134	100.0	18,903	100.0	-	-	-	-	10,215	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	6,530	93.5	-	-	-	-	33,635	45.5
Southeastern	13,430	100.0	16,568	100.0	5,055	100.0	-	-	-	-	0	-
Southwestern	14,239	100.0	23,501	100.0	6,325	68.5	-	-	-	-	0	-
Stanly	1,644	100.0	17,982	100.0	6,565	100.0	-	-	-	-	1,330	100.0
Surry	17,419	100.0	22,150	98.0	10,767	89.1	-	-	-	-	0	-
Tri-County	-	-	16,400	100.0	6,437	89.1	-	-	-	-	0	-
Vance-Granville	1,351	100.0	37,886	100.0	3,521	54.1	-	-	-	-	0	-
Wake	22,762	100.0	42,075	100.0	19,831	47.7	140	100.0	-	-	39,805	100.0
Wayne	9,085	100.0	22,375	99.2	14,375	100.0	131	100.0	-	-	0	-
Western Piedmont	1,981	100.0	33,282	100.0	8,615	59.7	-	-	-	-	9,163	17.9
Wilkes	22,250	99.9	48,064	93.8	23,845	100.0	-	-	-	-	1,205	100.0
Wilson	-	-	13,241	100.0	8,470	91.2	-	-	-	-	0	-
<b>Subtotal</b>	<b>570,447</b>	<b>92.1</b>	<b>1,841,939</b>	<b>97.8</b>	<b>654,038</b>	<b>83.7</b>	<b>2,731</b>	<b>100.0</b>	<b>623</b>	<b>7.7</b>	<b>344,259</b>	<b>76.1</b>
<b>Private Institutions</b>												
<b>NC Private Universities</b>												
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	125,226	89.8	21,150	97.4	1,909	100.0	174,261	41.6	14,652	94.0
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	35,504	84.9	26,675	58.2	5,829	42.6	410	100.0	20,499	16.4	17,452	95.0
<b>Subtotal</b>	<b>228,727</b>	<b>88.8</b>	<b>288,487</b>	<b>80.5</b>	<b>48,640</b>	<b>84.4</b>	<b>4,055</b>	<b>75.8</b>	<b>314,932</b>	<b>39.4</b>	<b>42,790</b>	<b>63.3</b>
<b>Grand Total</b>	<b>4,384,555</b>	<b>78.9</b>	<b>6,393,246</b>	<b>93.9</b>	<b>2,476,400</b>	<b>81.8</b>	<b>1,039,744</b>	<b>87.9</b>	<b>7,554,897</b>	<b>69.2</b>	<b>1,525,277</b>	<b>83.5</b>





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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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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Lenoir Community College	1-3	002940	Lenoir	Kinston 28502	01, 03
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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Institution	Type*	FICE Code	County	City	Congr. Dist.**
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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