

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2013



James B Hunt Library, North Carolina State University

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

**FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 2013**

**For
THE STATE OF NORTH CAROLINA**

FORTY-SEVENTH EDITION

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

October 2014

The James B. Hunt Jr. Library
North Carolina State University
(Cover page)

Opened on January 2, 2013, the James B. Hunt Jr. Library has won international recognition and a host of awards as “the library of the future.” An iconic space that captures the spirit of NC State’s commitment to innovative education and research, it has become the 21st century face of a university intent on addressing the grand challenges of society and strengthening the economy of North Carolina.

The 243,500-square-foot library was funded with \$93.75 million in state appropriations and \$5 million in private gifts from individuals and corporations who wished to support one of the world’s most creative learning and collaborative spaces. The lead designer was Snøhetta, an internationally known firm whose recent projects include the entry pavilion for the National September 11 Memorial and Museum and the new look for Times Square in New York City. The executive architects were Clark Nexsen, and the construction contractor was Skanska USA. The building has been awarded a LEED (Leadership in Energy and Environmental Design) Silver certification.

The Hunt Library’s bold design is a visual statement of its bold purpose: to be a place not of the past but of the future, a place where students, faculty, and partners can gather to research, learn, experiment, collaborate, and strengthen NC State’s long tradition of leading transformative change. The facility has been featured in *Time*, *Scientific American*, *Forbes*, *The Chronicle of Higher Education* and other influential press for the way its spaces and technologies make it easy for students and faculty to immerse themselves in interactive computing, simulated environments, multimedia creation, and large-scale visualization—tools that are enabling revolutionary ways to see and use information.

It’s Teaching and Visualization Lab, for instance, has enabled researchers to create 270 degree simulations that allow traffic engineers to build an immersive space where planners and citizens can watch a new overpass rise and experience its effects on everything from traffic patterns to sunlight in nearby neighborhoods. In its Creativity Studio, Naval ROTC midshipmen virtually pilot any ship in the U.S. fleet and the next generation of forensics experts digitally recreate a crime scene to find clues in cold cases. The Institute for Emerging Issues (IEI) is also located in the Hunt Library. IEI is a think-and-do tank at NC State University focused on tackling big issues that affect North Carolina’s future growth and prosperity.

The Hunt Library has attracted tens of thousands of visitors from all over the world, especially those interested in how architecture and technology can be used to create spaces that encourage collaborative learning and game-changing research.

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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-seventh 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 2013 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

In order to realize substantial savings in printing costs, the Facilities Inventory and Utilization Study is being published in its entirety online in a format that can be printed front and back. The 2013 study can be found at <http://www.northcarolina.edu/?q=academic-policy-planning-and-analysis/publications>.

The purposes of this study include providing facilities data to state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data, which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 2013 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

Contents

	<u>Page</u>
Foreword	ix
Table of Contents	x
List of Tables	xi
Introduction	1
I. Utilization of Instructional Space	7
II. Interior Space Characteristics	59
III. Building Characteristics	107
IV. Accessibility of Facilities to the Mobility Impaired	129
Institutional Index	155
Bibliography	158
Index	159

List of Tables

	<u>Page</u>
<u>Utilization of Instructional Space</u>	
1. Capacity/Enrollment Ratio	9
2. Square Feet of Academic Facilities Per FTE Student	15
3. Average Weekly Room Hours of Instruction in Classrooms	20
4. Average Weekly Room Hours of Instruction in Class Laboratories	24
5. Average Weekly Use of Student Stations in Classrooms	28
6. Average Weekly Use of Student Stations in Class Laboratories	32
7. Percent Student Station Utilization, Classrooms and Class Laboratories	36
8. Student Clock Hours of Instruction	41
9. Space Factors	44
10. Range of Selected Space Utilization Indices	48
11. Space Standards	49
12. FTE Enrollments	54
<u>Interior Space Characteristics</u>	
13. Net-To-Gross Ratio	61
14. Percentage Distribution of Assignable Area by Summary Programs	64
14a. Instruction, Research & Public Service Subprograms	71
14b. Academic Support Subprograms	78
14c. Student Service and Physical Plant Operations Subprograms	82

14d. Institutional Administration, Independent Operations & Unassigned Subprograms	86
15. Assignable Area by Room Code	90
16. Assignable Square Feet Per Student Station for Classrooms	98
17. Assignable Square Feet Per Student Station for Class Laboratories	102

Building Characteristics

18. Ownership of Buildings	109
19. Capital Investment, Non-Residential Buildings	112
20. Capital Investment, Residential Buildings	112
21. Age of Buildings Reported by Gross Square Feet	116
22. Condition of Buildings	120
22a. FCAP: Maintenance and Repair Needs	120
23. Estimated Cost to Renovate or Replace Unsatisfactory Facilities	125

Accessibility of Facilities to the Mobility Impaired

24. Accessible Area As a Percentage of Assignable	131
25. Accessible Area by Summary Programs	135
25a. Instruction, Research & Public Service Subprograms	138
25b. Academic Support Subprograms	142
25c. Student Service and Physical Plant Operations Subprograms	144
25d. Institutional Administration, Independent Operations & Unassigned Subprograms	146
26. Accessible Area by Room Code	149

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 Academic Policy, Planning and Analysis.

Institutions Included

The study provides data for 78 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions, which comprise the University of North Carolina, 4 private non-profit colleges and universities, and the 58 public two-year institutions, which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. The participating colleges and universities are listed by type of institution on pages iv-viii along with the name of the President or Chancellor and the project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 155-157.

Beginning in the Fall of 2002, the 36 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 2013. 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 displaying the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

Space Utilization and Analysis maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution submits a file with a list of changes in its facilities inventory occurring since the previous fall. Beginning in fall 2007, community colleges, private institutions, and a number of UNC institutions began reporting inventory changes via a web based system named DAVE (Data Additions Validations Edits). This reporting system is based on the physical inventory of each campus that has been made interactive on the web. Institutions with computer assisted facilities management systems continue to report room inventory changes from the output of these systems.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Institutions provide these data by E-mail, FTP or on the UNC-GA File server. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventory or compiling utilization data are provided technical assistance by the Space Utilization and Analysis staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Space Utilization and Analysis staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the Space Utilization and Analysis staff 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 the Space Utilization and Analysis staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives a PDF of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided is one copy of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the 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.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community Colleges of the North Carolina Community College system.

Facilities and utilization data for the North Carolina School of Science and Math (NCSSM) is available in a separate report under the heading of Constituent High School. The data elements collected, formats maintained, and statistics generated for the Facilities Inventory and Utilization Study adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization reporting. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus.

Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to facilities (national standard) data. This office does, however, provide the special request services mentioned above to all North Carolina institutions for all data maintained on the building, room, and utilization files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

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Appalachian Hall, Appalachian State University

This new 18,022 square foot facility seeks to maintain a stimulating and supportive community for students. Living with other Honors students provides special opportunities for project collaboration, studying together, and sharing intellectual and social growth. Special speakers, discussion groups, and activities sponsored by the Appalachian Honors Association (AHA) are hosted in The Honors College, which is housed in the \$7.9 million academic wing (Appalachian Hall) between the two residence halls (Cone and Summit), further contributing to the sense of a learning community. Together the three buildings form the Brad and Carole Wilson Honors and Engagement Community.

Utilization of Instructional Space

Capacity/Enrollment Ratio	9
Sq. Ft. Academic Facilities Per FTE Student	15
Room Hours of Instruction in Classroom	20
Room Hours of Instruction in Class	
Laboratories	24
Use of Student Stations in Classrooms	28
Use of Student Stations in Class	
Laboratories	32
Percent Student Station Utilization	36
Student Clock Hours of Instruction	41
Space Factors	44
Range of Space Utilization Indices	48
Space Standards	49
FTE Enrollments	54

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TABLE 1:

CAPACITY / ENROLLMENT RATIO

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

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 65-66, 71-73, 78-79, 82-83, 86-87) and room use codes (pp. 91-92). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom	410 Study Room
115 Classroom Service	420 Stack
	430 Open-Stack Study Room
210 Class Laboratory	440 Processing Room
215 Class Laboratory Service	455 Study Service
220 Open Laboratory	510 Armory
225 Open Lab Service	515 Armory Service
310 Office	520 Athletic or Physical Ed.
315 Office Service	525 Athletic or Physical Ed. Svc.

Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

Capacity / Enrollment Ratio

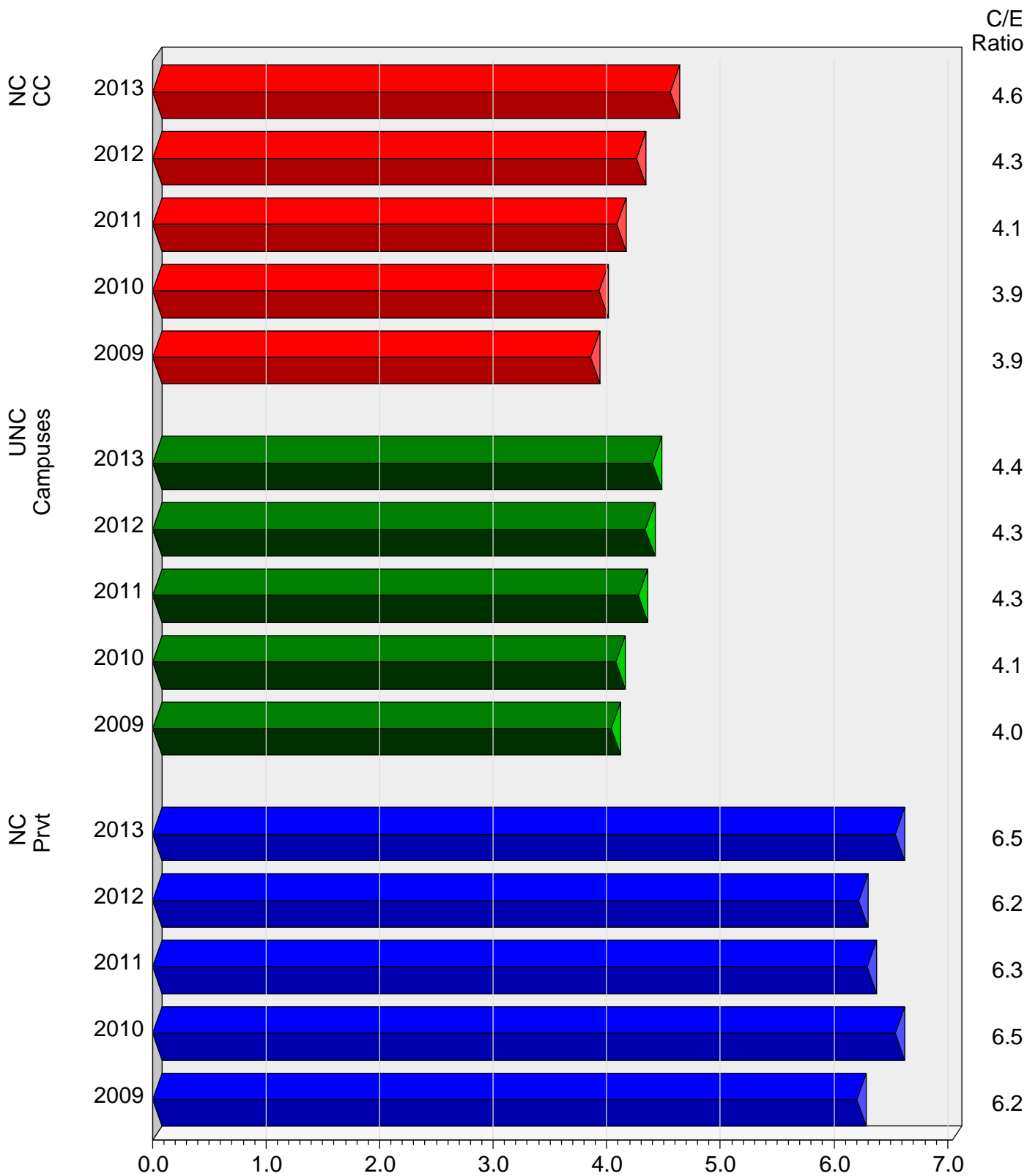


Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio					
			2013	2012	2011	2010	2009	
Public Institutions								
Research Universities I								
NC State	1,650,927	393,086.0	4.20	4.20	3.89	3.85	3.82	
NC State Veterinary Med	-	-	-	-	-	-	-	
UNC-Chapel Hill	1,821,142	306,261.5	5.95	5.80	6.18	5.71	5.44	
UNC-Chapel Hill Hlth Aff.	-	-	-	-	-	-	-	
Subtotal	3,472,069	699,347.5	4.96	4.91	4.85	4.63	4.49	
Doctoral Universities I and II								
East Carolina	983,325	253,969.5	3.87	4.13	3.83	3.81	3.82	
East Carolina Hlth Aff.	-	-	-	-	-	-	-	
NC A&T	779,553	132,898.0	5.87	6.08	6.40	5.67	5.73	
UNC Charlotte	1,044,710	323,174.0	3.23	3.26	3.17	2.88	3.07	
UNC Greensboro	728,507	182,400.5	3.99	3.45	3.44	3.35	3.25	
Subtotal	3,536,095	892,442.0	3.96	3.94	3.90	3.66	3.70	
Master's (Comprehensive) Universities and Colleges I								
Appalachian	791,640	258,549.0	3.06	3.06	3.06	2.99	3.03	
Fayetteville	325,884	63,076.5	5.17	4.54	4.92	4.47	4.04	
NC Central	520,947	90,988.0	5.73	5.41	5.64	4.78	4.60	
UNC Pembroke	305,474	62,907.0	4.86	4.73	4.63	4.02	4.07	
UNC Wilmington	527,394	167,932.5	3.14	3.11	2.92	3.14	3.03	
Western Carolina	546,590	128,695.0	4.25	4.50	4.43	4.50	4.78	
Winston-Salem	304,527	55,654.5	5.47	4.41	4.11	4.06	3.78	
Subtotal	3,322,456	827,802.5	4.01	3.90	3.86	3.73	3.70	
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	293,399	27,699.5	10.59	8.18	8.33	6.75	6.47	
UNC Asheville	243,549	55,059.5	4.42	4.63	4.37	4.85	5.16	
Subtotal	536,948	82,759.0	6.49	6.03	5.84	5.62	5.71	
Schools of Art, Music, and Design								
UNC School of the Arts	287,670	30,149.5	9.54	10.05	9.25	7.88	7.76	
Subtotal	287,670	30,149.5	9.54	10.05	9.25	7.88	7.76	
Community Colleges								
Alamance	180,178	48,586.0	3.71	3.55	3.33	2.94	2.99	
Asheville-Buncombe	341,803	78,688.0	4.34	4.66	4.73	4.68	4.50	
Beaufort Co.	132,954	22,157.5	6.00	6.25	5.10	5.21	5.04	
Bladen	75,511	16,902.0	4.47	4.49	4.85	3.69	3.79	
Blue Ridge	191,547	25,476.0	7.52	6.58	7.47	8.24	6.13	
Brunswick	104,771	27,607.0	3.80	4.25	4.14	4.41	4.04	
Caldwell	230,135	40,367.5	5.70	4.54	4.24	4.20	4.10	
Cape Fear	415,503	113,593.0	3.66	3.04	3.13	3.08	2.98	
Carteret	126,764	18,242.5	6.95	6.03	6.10	5.34	5.92	
Catawba Valley	254,611	47,327.0	5.38	4.62	4.57	3.98	3.64	
Central Carolina	319,759	50,790.0	6.30	5.65	4.53	5.01	4.29	
Central Piedmont	864,314	198,975.5	4.34	4.47	4.46	4.26	3.80	
Cleveland	158,601	28,993.0	5.47	5.12	4.42	3.98	4.05	
Coastal Carolina	177,492	56,403.5	3.15	2.98	3.12	3.59	3.27	
Coll. of Albemarle	187,341	20,234.0	9.26	6.43	5.46	5.06	4.93	
Craven	158,709	33,644.5	4.72	4.71	4.65	4.79	5.43	
Davidson County	206,599	41,204.5	5.01	4.37	4.28	4.01	4.07	
Durham	230,194	47,413.5	4.86	3.57	3.72	3.37	3.26	
Edgecombe	107,044	25,801.0	4.15	2.79	2.89	2.65	3.08	
Fayetteville	441,918	119,380.0	3.70	4.17	4.10	4.08	3.74	

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2013	2012	2011	2010	2009
Forsyth	439,761	105,134.0	4.18	3.85	3.06	3.23	3.26
Gaston	328,788	56,285.5	5.84	5.23	5.05	4.53	4.69
Guilford	575,902	165,956.5	3.47	3.51	3.39	3.06	3.15
Halifax	110,807	17,395.5	6.37	5.50	5.71	5.11	5.25
Haywood	163,252	19,972.5	8.17	6.84	7.69	6.75	7.16
Isothermal	165,597	22,468.5	7.37	5.80	5.47	4.43	4.23
James Sprunt	73,142	14,527.5	5.03	4.08	4.31	4.59	4.13
Johnston	221,404	44,222.5	5.01	4.40	4.26	4.05	5.03
Lenoir	219,956	36,340.5	6.05	5.63	5.00	4.82	4.59
Martin	82,091	14,365.5	5.71	5.23	5.03	5.67	7.60
Mayland	73,511	11,426.5	6.43	5.53	5.50	5.27	4.71
McDowell	73,491	13,429.0	5.47	4.65	4.84	4.63	4.81
Mitchell	169,809	39,481.5	4.30	3.75	3.54	3.24	3.53
Montgomery	68,261	9,374.5	7.28	6.87	6.43	6.04	6.03
Nash	123,258	34,279.0	3.60	3.61	3.17	3.51	3.07
Pamlico	34,705	3,135.5	11.07	9.81	10.30	7.82	7.55
Piedmont	89,352	16,349.0	5.47	4.67	3.96	3.27	3.35
Pitt	284,880	87,772.5	3.25	3.08	2.42	2.49	2.38
Randolph	190,911	29,618.0	6.45	5.27	5.14	4.31	4.55
Richmond	101,602	27,203.5	3.73	3.81	3.59	3.65	3.91
Roanoke-Chowan	60,005	15,263.0	3.93	3.94	5.48	5.07	5.35
Robeson	129,107	38,179.5	3.38	3.40	2.97	2.73	2.60
Rockingham	158,350	26,005.0	6.09	5.24	5.23	5.10	4.83
Rowan-Cabarrus	237,803	68,577.5	3.47	3.61	3.22	2.83	2.60
Sampson	96,583	21,566.5	4.48	4.32	4.49	4.00	4.36
Sandhills	226,674	46,603.0	4.86	4.36	3.87	4.17	4.06
South Piedmont	122,123	21,925.5	5.57	5.19	5.13	3.39	3.52
Southeastern	122,784	15,144.0	8.11	6.47	6.12	6.31	5.13
Southwestern	131,725	23,220.5	5.67	4.64	5.40	4.74	4.60
Stanly	98,606	18,425.5	5.35	4.27	4.35	4.19	3.70
Surry	245,940	48,832.5	5.04	4.86	5.00	4.46	4.50
Tri-County	80,805	14,861.0	5.44	7.33	6.42	6.10	6.53
Vance-Granville	158,644	37,712.0	4.21	3.89	4.04	4.22	3.84
Wake	616,929	188,355.0	3.28	3.16	2.85	3.04	3.12
Wayne	164,439	38,301.5	4.29	3.89	3.92	4.10	4.11
Western Piedmont	166,129	27,436.5	6.06	5.11	4.24	4.07	4.00
Wilkes	172,740	37,816.0	4.57	4.71	4.80	4.29	4.21
Wilson	101,938	20,323.0	5.02	5.01	6.03	4.89	4.74
Subtotal	11,587,552	2,539,071.0	4.56	4.26	4.09	3.93	3.86
Private Institutions							
NC Private Universities							
Barton	126,900	16,360.0	7.76	7.94	8.08	8.37	8.27
Campbell	331,772	64,364.5	5.15	4.54	4.52	4.65	4.14
Mars Hill	177,664	21,847.0	8.13	8.55	9.26	10.20	9.59
Pfeiffer	119,318	13,036.0	9.15	8.99	8.78	8.51	9.04
Subtotal	755,654	115,607.5	6.54	6.22	6.29	6.54	6.20
Grand Total	23,498,444	5,187,179.0	4.53	4.34	4.23	4.05	4.00

*High school courses at N.C. School of the Arts are included.

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TABLE 2:

**SQUARE FEET OF ACADEMIC FACILITIES
PER FTE STUDENT**

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

<u>Institutional Level</u>	<u>Public</u>	<u>Private</u>	<u>Total</u>
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 65-66, 71-73, 78-79, 82-83, 86-87) and room use codes (pp. 91-93). The term refers to an institution's total assignable area (page 61) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), 770 (Hazardous Waste Storage), or 775 (Hazardous Waste Service). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facility), 635 (Food Facility Service), 660 (Merchandising), 665 (Merchandising Service), 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials Storage), 770 (Hazardous Waste Storage), 775 (Hazardous Waste Service) all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 54.

In this table, the FTE enrollments which are reported for the institutions of the Community College System include only credit enrollment generated in all inventoried space. Noncredit enrollment is not reflected in this table. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12. Methods of FTE calculation for the constituent institutions of both the University of North Carolina and Community College System are again outlined on page 54.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

SQUARE FEET OF ACADEMIC FACILITIES
FTE ENROLLMENT

Square Feet of Academic Facilities Per FTE Student

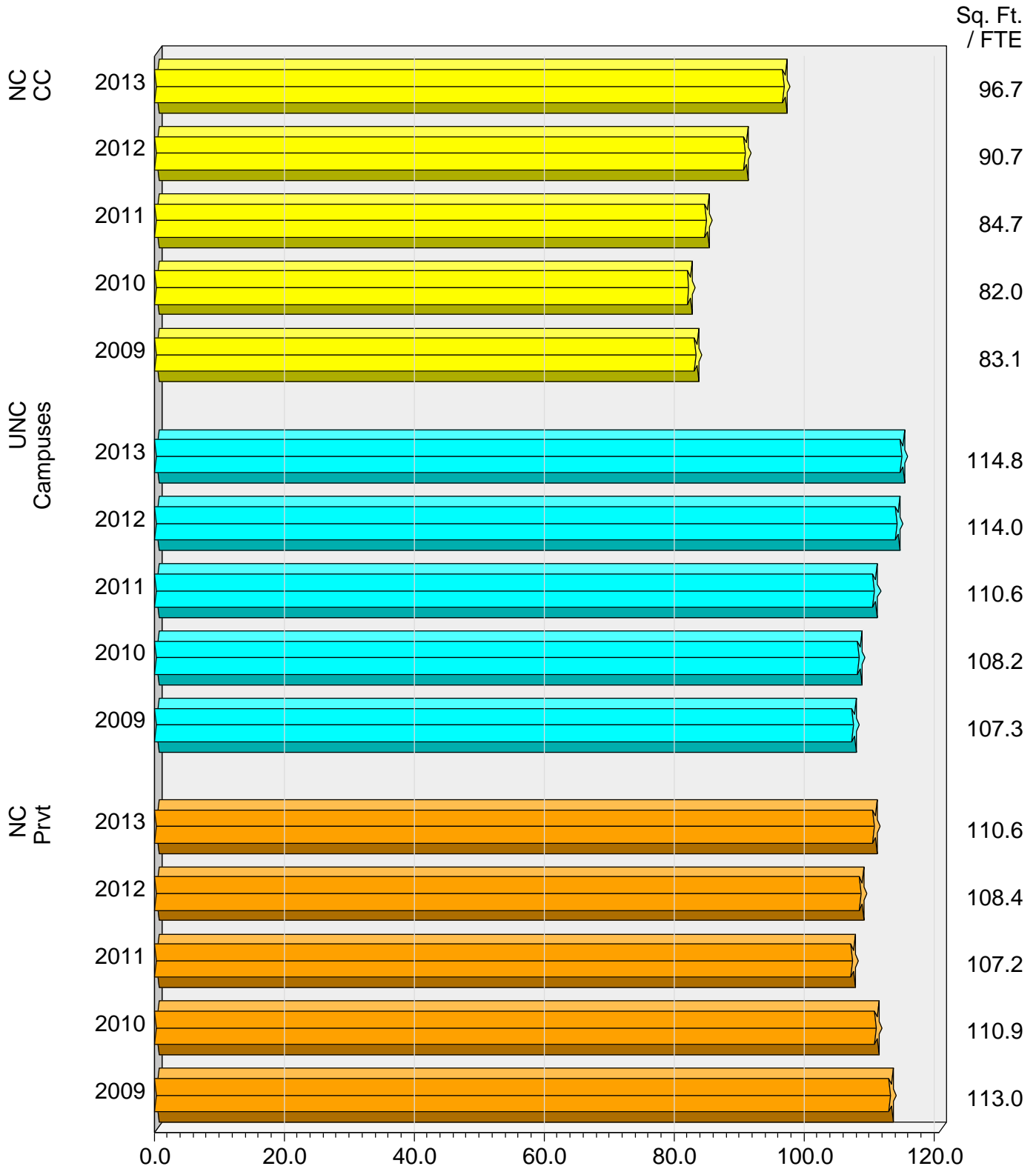


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2013	2012	2011	2010	2009
Public Institutions							
Research Universities I							
NC State	5,760,782	29,928	192	186	183	183	180
NC State Veterinary Med	414,590	357	1,161	1,245	1,279	1,107	1,086
UNC-Chapel Hill	3,651,042	22,266	164	163	155	153	154
UNC-Chapel Hill Hlth Aff.	2,422,880	4,723	513	503	509	510	568
Subtotal*	9,411,824	52,194	180	176	171	170	169
Doctoral Universities I and II							
East Carolina	1,507,895	21,840	69	73	68	67	69
East Carolina Hlth Aff.	814,182	2,430	335	319	338	349	344
NC A&T**	1,541,429	9,844	157	157	154	146	144
UNC Charlotte	1,720,082	23,975	72	73	70	67	69
UNC Greensboro	1,454,210	16,195	90	86	82	80	77
Subtotal*	6,223,616	71,854	87	88	84	81	81
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,208,791	17,097	71	71	71	69	70
Fayetteville	522,914	5,319	98	92	86	84	76
NC Central	794,164	7,477	106	100	103	91	92
UNC Pembroke	473,791	5,443	87	86	79	72	75
UNC Wilmington	955,095	13,106	73	76	76	77	75
Western Carolina	841,585	9,038	93	97	94	95	95
Winston-Salem	489,280	5,036	97	92	80	78	75
Subtotal	5,285,620	62,516	85	84	82	79	78
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	408,599	2,301	178	150	144	124	116
UNC Asheville	403,886	3,442	117	123	115	121	125
Subtotal	812,485	5,743	141	135	128	122	121
Schools of Art, Music, and Design							
UNC School of the Arts***	449,842	902	499	514	506	520	516
UNC Subtotal	22,183,387	193,209	115	114	111	108	107
Community Colleges							
Alamance	217,855	3,216	68	63	57	59	57
Asheville-Buncombe	429,709	5,798	74	69	71	77	82
Beaufort Co.	169,560	1,222	139	130	112	114	120
Bladen	95,333	1,116	85	78	68	60	59
Blue Ridge	231,598	1,430	162	162	149	144	138
Brunswick	139,154	1,050	133	139	138	147	133
Caldwell	280,461	2,404	117	95	89	92	89
Cape Fear	548,653	6,468	85	67	64	62	65
Carteret	155,881	938	166	146	144	134	132
Catawba Valley	320,962	2,730	118	106	95	83	83
Central Carolina	357,881	3,726	96	86	93	80	79
Central Piedmont	1,156,353	10,490	110	110	100	99	90
Cleveland	190,516	1,800	106	101	87	77	78
Coastal Carolina	205,543	2,808	73	72	72	67	69
Coll. of Albemarle	256,700	1,220	210	193	155	151	150
Craven	191,256	1,820	105	108	97	94	102
Davidson County	282,287	3,220	88	85	82	78	78

*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 2013 figures for these programs are: ASF: 233,747; FTE: 784; ASF per FTE: 298. Figures for all other campus programs are: ASF: 1,307,682; FTE: 9,060; ASF per FTE: 144.

***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				
			2013	2012	2011	2010	2009
Durham	322,491	3,064	105	100	103	92	91
Edgecombe	148,024	1,556	95	87	81	72	78
Fayetteville	582,426	9,000	65	64	63	67	67
Forsyth	596,390	6,628	90	78	60	63	64
Gaston	410,847	4,624	89	88	86	76	75
Guilford	751,209	8,404	89	77	70	70	77
Halifax	164,887	810	204	167	150	140	141
Haywood	197,597	1,106	179	165	157	134	168
Isothermal	224,463	1,338	168	138	130	109	105
James Sprunt	108,263	1,124	96	84	93	99	89
Johnston	291,670	2,578	113	110	103	94	105
Lenoir	263,517	2,288	115	115	103	94	97
Martin	104,352	632	165	161	147	152	157
Mayland	93,033	776	120	114	114	112	125
McDowell	100,311	964	104	92	92	77	85
Mitchell	219,470	1,854	118	109	94	88	92
Montgomery	80,700	658	123	118	123	115	117
Nash	147,123	2,100	70	72	66	62	70
Pamlico	51,918	78	666	618	351	295	231
Piedmont	129,279	1,230	105	92	73	64	62
Pitt	346,398	6,892	50	50	40	40	42
Randolph	249,986	1,746	143	136	129	119	132
Richmond	154,363	1,846	84	82	85	94	98
Roanoke-Chowan	79,931	568	141	139	123	135	146
Robeson	163,247	1,914	85	66	68	70	66
Rockingham	195,676	1,618	121	125	107	99	100
Rowan-Cabarrus	328,025	3,714	88	86	74	68	57
Sampson	117,946	1,092	108	109	103	95	97
Sandhills	266,268	2,486	107	100	87	82	82
South Piedmont	180,293	1,058	170	164	142	123	138
Southeastern	159,224	928	172	138	121	118	99
Southwestern	175,853	1,298	135	127	114	105	110
Stanly	127,699	1,986	64	61	55	55	55
Surry	284,274	2,750	103	101	98	88	87
Tri-County	110,340	588	188	164	153	141	144
Vance-Granville	228,675	2,802	82	79	73	74	75
Wake	744,417	11,074	67	66	60	63	66
Wayne	222,706	3,020	74	75	74	74	79
Western Piedmont	242,917	1,678	145	137	113	108	103
Wilkes	225,958	2,326	97	99	97	87	86
Wilson	124,554	932	134	132	134	114	115
Subtotal	14,946,422	154,584	97	91	85	82	83
Private Institutions							
NC Private Universities							
Barton	174,428	976	179	178	163	168	172
Campbell	463,634	5,617	83	76	76	80	84
Mars Hill	229,046	1,389	165	180	192	210	200
Pfeiffer	188,963	1,568	121	117	109	106	104
Subtotal	1,056,071	9,550	111	108	107	111	113
Grand Total	38,185,880	357,343	107	104	99	96	97

*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 2013 figures for these programs are: ASF: 233,747; FTE: 784; ASF per FTE: 298. Figures for all other campus programs are: ASF: 1,307,682; FTE: 9,060; ASF per FTE: 144.

***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 =

TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS
TOTAL NUMBER OF CLASSROOMS

Average Weekly Room Hours of Instruction In Classrooms

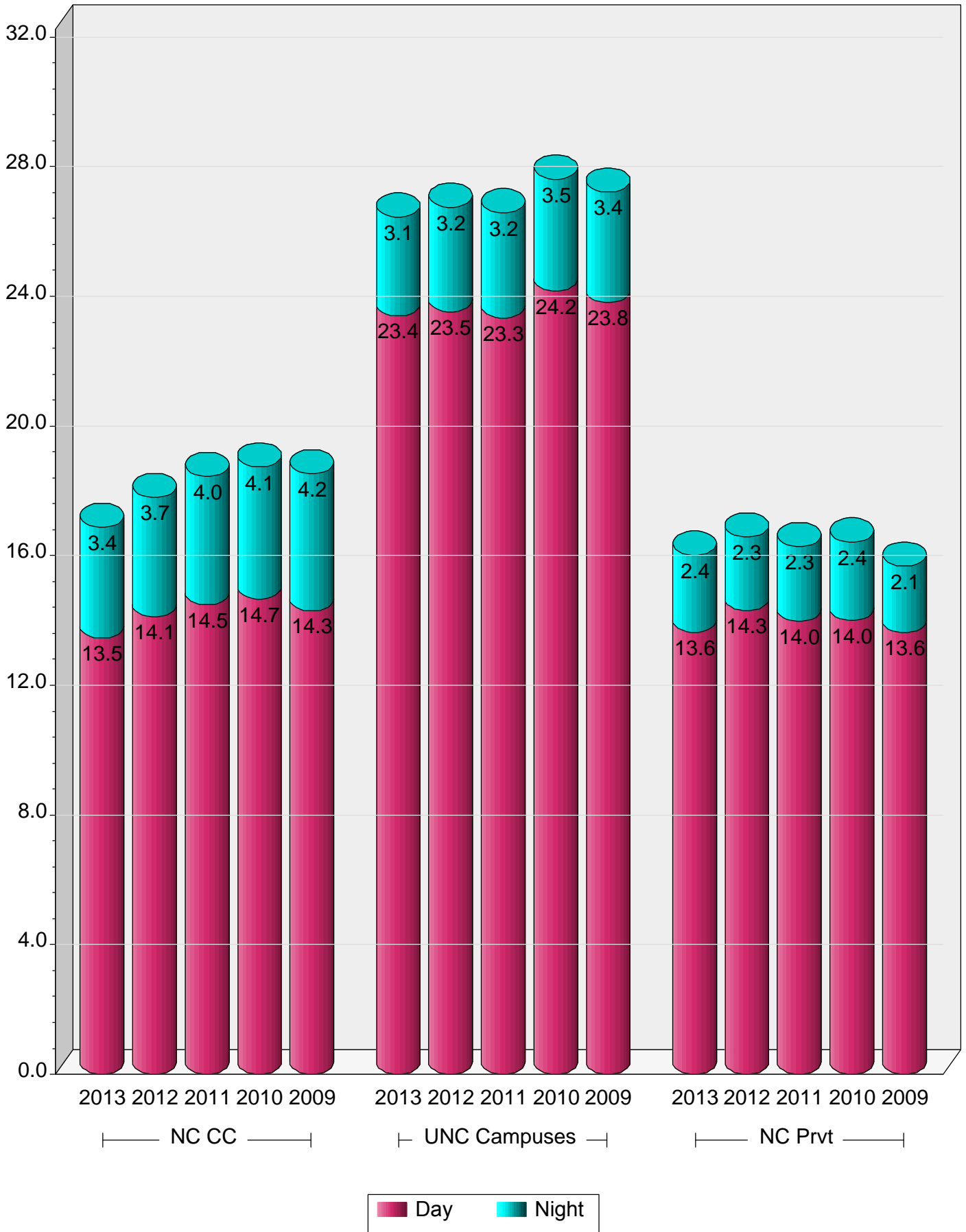


Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2013	2012	2011	2010	2009
Public Institutions								
Research Universities I								
NC State	7,328.0	28.3	2.5	30.8	29.9	29.3	28.2	28.0
UNC-Chapel Hill	7,868.0	25.0	1.9	26.9	26.8	24.0	24.5	24.7
Subtotal	15,196.0	26.5	2.2	28.7	28.1	26.3	26.2	26.2
Doctoral Universities I and II								
East Carolina	5,601.5	25.1	2.0	27.1	27.1	27.9	28.7	27.9
NC A&T	3,719.5	21.1	3.0	24.1	23.6	19.8	21.5	21.1
UNC Charlotte	6,553.0	24.1	6.4	30.5	30.2	31.1	31.4	29.4
UNC Greensboro	4,413.5	26.0	4.0	30.0	32.2	32.5	36.6	36.4
Subtotal	20,287.5	24.1	3.9	28.0	28.3	27.6	29.2	28.2
Master's (Comprehensive) Universities and Colleges I								
Appalachian	6,207.0	27.5	2.8	30.3	31.0	30.4	32.1	30.9
Fayetteville	1,972.0	24.1	6.2	30.3	33.1	28.4	34.3	33.8
NC Central	2,693.0	16.3	2.6	18.9	19.2	20.2	22.3	22.5
UNC Pembroke	2,414.0	19.3	3.7	23.0	23.3	24.7	28.3	28.2
UNC Wilmington	4,587.0	23.7	3.0	26.7	27.3	28.9	29.2	31.4
Western Carolina	3,218.5	25.2	2.8	28.0	26.0	28.2	29.0	26.7
Winston-Salem	2,030.0	20.3	3.9	24.2	29.7	31.4	30.4	28.6
Subtotal	23,121.5	22.8	3.3	26.1	26.8	27.5	29.1	28.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	898.5	9.7	1.2	10.9	13.9	15.4	16.5	16.0
UNC Asheville	1,567.0	26.4	2.1	28.5	25.8	29.0	30.2	30.8
Subtotal	2,465.5	16.3	1.5	17.8	19.2	21.8	23.0	23.1
Schools of Art, Music, and Design								
UNC School of the Arts	599.0	10.8	0.5	11.3	11.7	11.6	10.2	11.2
Subtotal	599.0	10.8	0.5	11.3	11.7	11.6	10.2	11.2
Community Colleges								
Alamance	1,961.0	15.1	4.3	19.4	18.9	19.5	20.2	17.5
Asheville-Buncombe	2,125.5	15.6	3.2	18.8	15.7	18.2	20.8	20.7
Beaufort Co.	892.5	12.1	2.3	14.4	13.1	15.1	16.1	13.3
Bladen	753.5	14.0	4.0	18.0	18.3	18.5	19.2	17.4
Blue Ridge	1,242.5	11.9	4.4	16.3	15.9	15.9	14.9	16.5
Brunswick	1,246.0	15.9	3.0	18.9	17.9	20.3	15.9	16.9
Caldwell	1,526.5	12.2	2.6	14.8	17.6	17.3	18.3	16.1
Cape Fear	3,260.5	18.5	5.9	24.4	26.4	26.2	27.6	27.3
Carteret	935.5	10.1	4.7	14.8	14.6	14.1	15.4	13.5
Catawba Valley	1,379.5	13.4	3.0	16.4	18.1	20.6	21.0	24.6
Central Carolina	2,005.5	8.8	2.3	11.1	11.7	14.4	13.4	14.9
Central Piedmont	7,125.5	14.6	4.3	18.9	19.8	17.8	18.5	20.2
Cleveland	994.5	11.5	3.8	15.3	16.0	19.9	22.4	21.4
Coastal Carolina	1,858.0	16.4	3.8	20.2	23.9	22.1	21.3	19.9
Coll. of Albemarle	620.0	7.3	1.6	8.9	11.8	16.0	13.3	11.9
Craven	1,267.0	12.7	3.1	15.8	15.6	16.4	17.8	12.3
Davidson County	1,267.0	12.9	1.2	14.1	15.0	14.3	15.0	15.0
Durham	1,443.0	9.3	2.8	12.1	17.5	17.4	18.6	20.9
Edgecombe	896.0	10.9	2.6	13.5	18.3	20.0	19.2	15.9
Fayetteville	3,824.0	14.4	3.0	17.4	16.4	18.4	18.1	18.7
Forsyth	3,607.0	13.6	3.8	17.4	21.1	23.3	23.8	22.8
Gaston	1,728.5	10.3	2.8	13.1	14.5	16.5	19.3	16.8
Guilford	5,569.0	15.9	4.2	20.1	19.9	20.8	22.2	20.2
Halifax	766.5	13.6	2.7	16.3	15.3	15.5	15.2	14.2
Haywood	584.0	11.1	2.1	13.2	14.8	12.9	15.9	13.5
Isothermal	579.0	7.5	1.6	9.1	10.1	12.3	13.0	13.9
James Sprunt	625.5	12.5	3.2	15.7	16.7	14.8	16.8	16.6

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2013	2012	2011	2010	2009
Johnston	1,621.0	12.0	2.5	14.5	15.5	16.0	14.8	12.8
Lenoir	1,486.0	12.4	2.5	14.9	14.8	14.4	13.4	14.7
Martin	361.0	10.3	2.1	12.4	17.9	19.5	16.2	13.8
Mayland	562.5	9.7	2.8	12.5	15.2	15.4	16.1	16.0
McDowell	553.0	11.4	4.0	15.4	15.1	13.1	8.8	9.3
Mitchell	1,507.5	11.6	3.0	14.6	16.4	15.3	17.3	15.8
Montgomery	473.5	12.4	5.1	17.5	18.6	18.7	17.9	17.4
Nash	1,240.0	16.0	4.3	20.3	20.9	23.8	21.6	22.8
Pamlico	236.0	8.2	3.0	11.2	10.6	10.6	12.7	13.2
Piedmont	788.5	11.8	3.3	15.1	16.5	17.8	20.7	22.0
Pitt	2,743.5	21.8	6.2	28.0	29.2	33.8	33.7	33.5
Randolph	1,060.0	9.0	2.2	11.2	14.7	16.4	19.4	18.2
Richmond	1,051.5	16.2	4.8	21.0	21.2	15.0	14.8	18.9
Roanoke-Chowan	495.0	11.1	3.9	15.0	16.4	11.4	14.6	15.5
Robeson	984.5	15.8	4.3	20.1	19.1	21.1	23.7	24.9
Rockingham	794.0	14.0	2.5	16.5	21.5	19.5	20.2	18.7
Rowan-Cabarrus	2,656.5	17.4	6.8	24.2	22.6	25.2	21.5	26.6
Sampson	743.0	13.3	4.4	17.7	19.1	17.8	18.2	16.4
Sandhills	1,742.0	13.3	2.7	16.0	17.3	20.1	17.6	19.0
South Piedmont	773.5	10.4	2.5	12.9	15.5	14.4	18.6	19.5
Southeastern	553.5	8.6	1.7	10.3	13.0	14.3	11.5	12.2
Southwestern	1,003.0	16.3	1.3	17.6	19.0	18.2	19.2	19.8
Stanly	799.5	13.9	2.1	16.0	18.2	17.2	14.3	18.1
Surry	1,602.0	13.0	2.4	15.4	16.8	15.5	17.7	16.3
Tri-County	617.0	10.4	3.6	14.0	11.3	12.5	12.6	10.8
Vance-Granville	1,343.0	16.0	4.3	20.3	18.2	18.2	16.0	16.5
Wake	5,119.5	18.0	4.3	22.3	20.8	24.1	22.6	22.9
Wayne	934.0	14.4	2.6	17.0	16.5	17.7	15.1	15.1
Western Piedmont	946.5	12.9	3.2	16.1	18.6	23.5	24.0	22.5
Wilkes	1,531.0	13.3	2.7	16.0	17.3	17.8	19.3	19.1
Wilson	695.0	9.9	2.7	12.6	13.5	12.9	14.2	17.3
Subtotal	87,099.5	13.5	3.4	16.9	17.8	18.5	18.8	18.5
Private Institutions								
NC Private Universities								
Barton	695.5	14.7	2.7	17.4	17.0	16.4	17.1	16.2
Campbell	1,682.0	15.6	2.1	17.7	18.8	18.7	18.8	17.6
Mars Hill	1,036.0	13.5	2.5	16.0	16.9	14.8	13.8	14.5
Pfeiffer	589.5	9.2	2.6	11.8	12.0	13.4	14.4	13.0
Subtotal	4,003.0	13.6	2.4	16.0	16.6	16.3	16.4	15.7
Grand Total	152,772.0	16.5	3.3	19.8	20.5	20.9	21.3	21.1

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

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

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

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. The University of North Carolina standard for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System approach or exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

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

Average Weekly Room Hours of Instruction In Laboratories

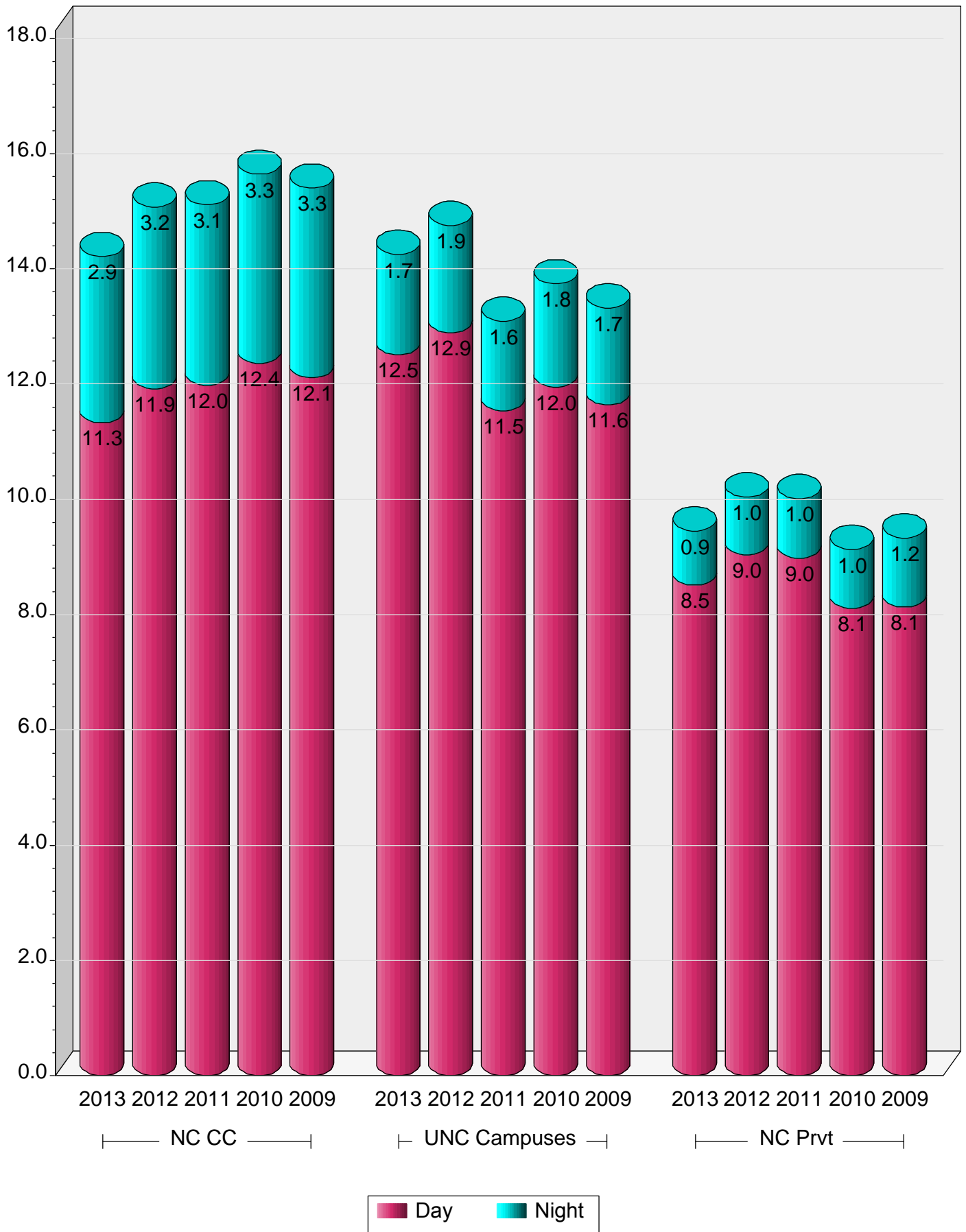


Table 4. Average Weekly Room Hours of Instruction in Class Laboratories

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2013	2012	2011	2010	2009
Public Institutions								
Research Universities I								
NC State	3,218.5	11.4	1.0	12.4	11.5	12.5	12.6	13.1
UNC-Chapel Hill	1,168.5	9.9	1.6	11.5	13.9	9.3	9.5	9.5
Subtotal	4,387.0	11.0	1.2	12.2	12.1	11.4	11.6	12.0
Doctoral Universities I and II								
East Carolina	2,305.5	13.7	1.9	15.6	14.3	14.4	16.2	16.0
NC A&T	1,222.5	12.9	1.6	14.5	14.0	5.3	6.2	5.8
UNC Charlotte	2,467.5	13.1	2.5	15.6	16.7	16.7	16.3	15.1
UNC Greensboro	1,450.5	18.8	2.2	21.0	24.0	16.7	16.9	17.9
Subtotal	7,446.0	14.1	2.1	16.2	16.5	12.2	12.9	12.8
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,656.0	19.8	2.8	22.6	22.4	19.5	21.9	20.8
Fayetteville	625.0	10.2	2.0	12.2	15.9	14.5	17.5	20.2
NC Central	623.0	8.4	1.7	10.1	10.9	12.8	13.1	12.5
UNC Pembroke	529.0	15.9	1.2	17.1	15.8	15.2	14.9	15.9
UNC Wilmington	1,249.0	12.4	2.5	14.9	18.1	18.6	18.5	19.5
Western Carolina	1,050.5	12.4	1.6	14.0	14.2	15.2	15.9	9.0
Winston-Salem	638.5	8.7	1.1	9.8	12.5	13.2	13.6	11.5
Subtotal	7,371.0	13.2	2.0	15.2	16.5	16.3	17.1	15.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	544.0	7.4	0.8	8.2	8.9	8.5	9.3	10.1
UNC Asheville	459.0	12.0	1.5	13.5	13.4	14.1	13.9	13.4
Subtotal	1,003.0	9.0	1.0	10.0	10.7	10.7	11.1	11.5
Schools of Art, Music, and Design								
UNC School of the Arts	778.0	9.9	1.7	11.6	11.3	12.2	15.2	14.5
Subtotal	778.0	9.9	1.7	11.6	11.3	12.2	15.2	14.5
Community Colleges								
Alamance	916.5	13.6	3.0	16.6	16.3	17.4	19.2	17.5
Asheville-Buncombe	1,867.0	14.2	3.4	17.6	17.9	16.3	16.2	18.5
Beaufort Co.	337.0	8.7	1.8	10.5	13.8	14.7	16.2	14.4
Bladen	364.0	10.2	5.7	15.9	19.2	12.4	20.2	14.3
Blue Ridge	635.5	9.8	2.4	12.2	13.1	12.6	11.2	13.6
Brunswick	328.0	15.1	3.2	18.3	18.9	15.8	17.7	16.9
Caldwell	633.0	8.4	2.0	10.4	11.8	11.5	14.0	14.4
Cape Fear	2,551.5	17.1	3.8	20.9	24.3	23.8	22.0	21.5
Carteret	400.5	6.1	3.0	9.1	9.4	9.2	10.0	9.5
Catawba Valley	1,258.5	11.9	2.1	14.0	16.0	15.3	17.7	17.4
Central Carolina	962.5	7.2	1.6	8.8	10.3	10.2	11.2	12.8
Central Piedmont	2,289.5	10.5	3.4	13.9	12.9	12.8	13.5	14.7
Cleveland	865.5	8.8	3.6	12.4	14.1	14.0	14.4	14.6
Coastal Carolina	1,216.5	18.8	2.1	20.9	22.1	21.4	20.5	18.5
Coll. of Albemarle	496.0	6.0	1.3	7.3	9.6	12.4	9.8	9.6
Craven	559.0	9.7	3.3	13.0	12.3	12.2	12.5	11.5
Davidson County	602.0	8.6	1.6	10.2	14.7	13.0	13.3	14.4
Durham	692.5	6.4	2.6	9.0	12.7	14.1	13.5	12.8
Edgecombe	703.5	12.6	4.5	17.1	18.4	17.1	16.2	14.8
Fayetteville	2,259.0	11.8	3.2	15.0	13.6	13.9	13.3	14.2
Forsyth	1,958.0	13.0	4.0	17.0	17.8	20.1	19.2	17.4
Gaston	920.5	9.8	3.4	13.2	14.1	14.1	15.4	14.1
Guilford	1,876.0	8.6	2.5	11.1	10.0	11.7	10.4	10.5
Halifax	386.0	12.3	1.0	13.3	12.9	14.9	15.4	13.2
Haywood	887.5	10.6	2.1	12.7	12.5	11.4	12.9	15.3
Isothermal	573.5	9.5	2.7	12.2	13.8	15.4	17.9	17.8
James Sprunt	280.0	10.7	2.7	13.4	15.5	13.9	13.9	13.2

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2013	2012	2011	2010	2009
Johnston	643.5	9.8	2.1	11.9	10.6	12.8	13.0	11.4
Lenoir	694.0	8.9	1.9	10.8	11.9	11.4	11.2	11.0
Martin	411.0	14.6	1.8	16.4	15.1	16.7	16.6	13.0
Mayland	181.0	8.4	2.3	10.7	12.7	10.2	12.9	15.5
McDowell	493.0	15.4	6.0	21.4	22.3	20.4	23.8	20.3
Mitchell	523.5	10.1	2.7	12.8	14.9	15.0	11.9	11.4
Montgomery	386.0	16.7	6.0	22.7	20.8	19.9	19.6	20.5
Nash	589.0	12.5	4.4	16.9	17.5	19.2	20.3	18.5
Pamlico	154.0	7.6	3.4	11.0	11.0	9.5	12.3	13.1
Piedmont	553.0	14.7	5.0	19.7	22.1	23.3	21.8	23.0
Pitt	1,556.0	13.9	2.5	16.4	17.2	20.0	17.7	20.0
Randolph	557.0	8.4	2.2	10.6	10.3	9.6	13.7	13.3
Richmond	559.5	12.3	4.6	16.9	17.3	15.8	16.4	13.6
Roanoke-Chowan	327.5	12.7	4.6	17.3	17.8	16.4	16.0	16.1
Robeson	848.0	16.0	3.3	19.3	16.9	17.9	19.9	19.7
Rockingham	483.0	8.3	2.2	10.5	11.9	11.7	11.9	9.8
Rowan-Cabarrus	1,218.5	12.5	4.9	17.4	18.7	20.5	24.2	23.8
Sampson	327.5	10.3	2.3	12.6	13.3	10.4	14.4	12.0
Sandhills	565.5	8.6	1.3	9.9	11.3	12.3	12.2	12.8
South Piedmont	555.0	12.8	2.2	15.0	14.5	15.1	16.4	16.5
Southeastern	429.0	11.8	1.2	13.0	12.0	13.0	12.3	14.6
Southwestern	631.0	11.2	2.2	13.4	15.1	15.4	16.1	17.4
Stanly	438.0	12.9	2.7	15.6	18.6	13.5	20.0	18.1
Surry	630.5	11.4	2.1	13.5	14.0	14.1	15.7	13.4
Tri-County	475.5	12.5	2.9	15.4	16.0	16.3	18.5	16.4
Vance-Granville	904.0	12.0	2.8	14.8	18.2	13.6	17.0	16.8
Wake	2,880.0	13.9	3.4	17.3	19.0	19.7	19.8	18.0
Wayne	890.0	13.3	2.6	15.9	17.2	16.2	15.8	18.3
Western Piedmont	758.5	12.0	2.5	14.5	16.6	16.3	15.6	13.3
Wilkes	781.5	13.8	2.5	16.3	15.1	14.9	13.1	14.8
Wilson	548.0	12.4	4.7	17.1	15.5	13.6	16.7	15.5
Subtotal	47,810.5	11.3	2.9	14.2	15.0	15.1	15.7	15.4
Private Institutions								
NC Private Universities								
Barton	191.0	9.5	0.1	9.6	9.8	11.8	11.6	10.1
Campbell	458.5	10.8	2.3	13.1	13.4	12.5	10.1	13.0
Mars Hill	213.5	7.3	0.3	7.6	8.5	8.9	9.4	8.8
Pfeiffer	129.5	5.5	0.3	5.8	7.1	6.0	5.7	-
Subtotal	992.5	8.5	0.9	9.4	10.0	10.0	9.1	9.3
Grand Total	69,788.0	11.6	2.5	14.1	14.9	14.4	14.9	14.6

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

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

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

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

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

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

Average Weekly Room Use of Student Stations In Classrooms

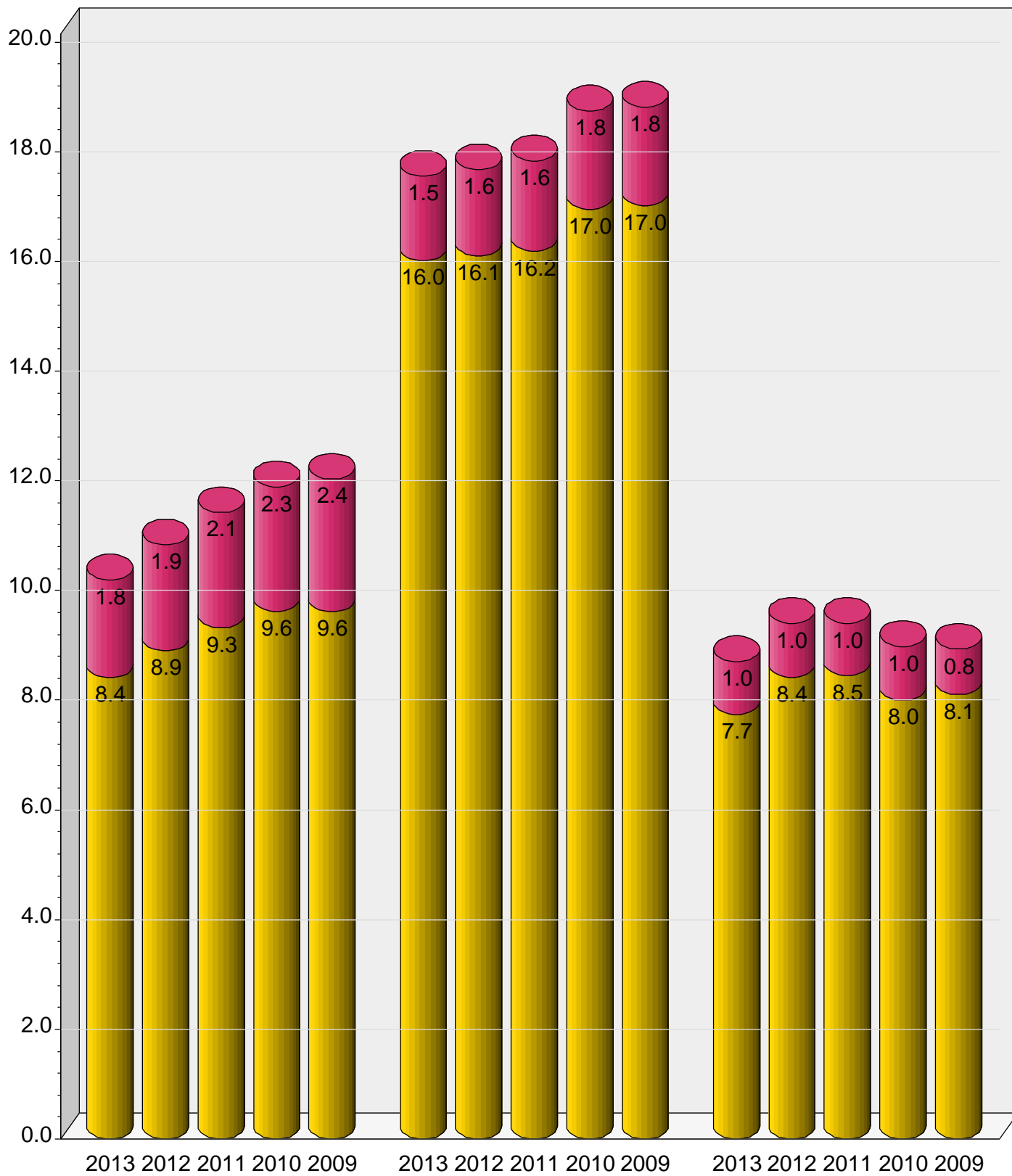


Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2013	2012	2011	2010	2009
Public Institutions									
Research Universities I									
NC State	14,735	298,001	19.1	1.1	20.2	20.7	20.6	20.1	19.8
UNC-Chapel Hill	15,428	277,060	16.9	1.1	18.0	17.7	16.8	17.1	17.6
Subtotal	30,163	575,061	18.0	1.1	19.1	19.1	18.7	18.6	18.8
Doctoral Universities I and II									
East Carolina	10,483	200,656	18.1	1.1	19.2	19.2	20.1	20.1	19.7
NC A&T	7,248	98,940	12.4	1.2	13.6	13.3	12.5	13.8	13.2
UNC Charlotte	12,420	268,102	18.0	3.6	21.6	20.5	20.0	23.0	22.2
UNC Greensboro	8,698	148,339	15.4	1.7	17.1	18.8	19.5	22.3	22.7
Subtotal	38,849	716,037	16.4	2.0	18.4	18.5	18.4	20.2	19.8
Master's (Comprehensive) Universities and Colleges I									
Appalachian	8,360	183,005	20.4	1.5	21.9	22.0	22.2	22.4	22.2
Fayetteville	2,592	44,769	14.4	2.8	17.2	18.7	16.2	18.7	19.9
NC Central	6,095	66,636	9.7	1.2	10.9	11.2	11.6	12.5	13.8
UNC Pembroke	3,654	52,608	12.8	1.6	14.4	14.8	14.7	17.3	16.8
UNC Wilmington	7,884	140,329	16.3	1.5	17.8	17.3	19.5	20.0	22.9
Western Carolina	4,546	92,838	18.8	1.6	20.4	18.8	20.0	19.7	18.9
Winston-Salem	3,581	39,495	9.7	1.4	11.1	14.2	15.4	15.2	16.1
Subtotal	36,712	619,677	15.3	1.5	16.8	17.1	17.7	18.3	19.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	3,319	16,873	4.7	0.4	5.1	7.1	8.4	10.1	9.8
UNC Asheville	1,944	34,003	16.4	1.0	17.4	16.1	18.3	18.9	18.8
Subtotal	5,263	50,876	9.0	0.6	9.6	10.8	12.5	13.8	13.6
Schools of Art, Music, and Design									
UNC School of the Arts	1,253	7,909	6.2	0.2	6.4	6.7	7.5	7.0	7.8
Subtotal	1,253	7,909	6.2	0.2	6.4	6.7	7.5	7.0	7.8
Community Colleges									
Alamance	3,122	34,745	8.8	2.3	11.1	12.2	12.4	13.9	12.1
Asheville-Buncombe	3,449	42,250	10.3	1.9	12.2	11.7	12.4	12.9	13.1
Beaufort Co.	2,443	15,876	5.5	1.0	6.5	5.6	7.5	7.2	6.9
Bladen	1,144	9,586	7.2	1.2	8.4	7.5	9.9	12.1	12.0
Blue Ridge	1,993	15,222	6.2	1.4	7.6	8.2	8.6	8.1	9.5
Brunswick	1,938	17,307	7.6	1.3	8.9	8.1	9.0	7.4	8.3
Caldwell	3,044	28,264	8.0	1.3	9.3	11.5	11.6	12.2	11.7
Cape Fear	4,140	61,750	12.0	2.9	14.9	17.8	17.3	17.7	17.3
Carteret	1,524	10,669	5.0	2.0	7.0	7.7	7.8	10.2	8.7
Catawba Valley	2,655	23,536	7.6	1.3	8.9	11.5	12.0	13.9	16.2
Central Carolina	5,118	33,603	5.5	1.1	6.6	7.0	9.5	8.2	9.2
Central Piedmont	11,519	155,865	10.6	2.9	13.5	13.3	12.5	12.9	14.3
Cleveland	2,066	13,974	5.6	1.2	6.8	7.4	9.4	10.8	11.3
Coastal Carolina	2,793	32,581	10.0	1.7	11.7	14.0	13.2	12.0	13.7
Coll. of Albemarle	1,840	10,536	4.8	0.9	5.7	8.0	9.9	10.2	9.4
Craven	1,743	23,901	11.4	2.3	13.7	13.6	13.7	12.2	8.3
Davidson County	2,784	27,842	9.2	0.8	10.0	10.2	10.3	10.3	9.2
Durham	3,992	34,878	6.7	2.0	8.7	12.1	11.1	12.5	13.5
Edgecombe	1,733	14,023	6.8	1.3	8.1	11.6	12.2	13.6	11.6
Fayetteville	9,298	76,550	7.0	1.2	8.2	7.2	7.9	7.8	8.9
Forsyth	6,024	64,495	8.7	2.0	10.7	12.8	16.4	15.2	15.4
Gaston	4,457	38,279	7.2	1.4	8.6	8.8	10.0	11.5	10.3
Guilford	8,300	123,015	11.9	2.9	14.8	15.3	15.2	18.1	17.5
Halifax	1,279	10,866	7.2	1.3	8.5	8.9	9.5	10.7	10.3
Haywood	1,336	9,018	5.9	0.8	6.7	7.2	6.6	8.5	8.0
Isothermal	2,095	9,362	3.8	0.7	4.5	6.0	6.6	8.0	9.5
James Sprunt	1,113	8,720	6.7	1.2	7.9	9.1	8.4	9.5	8.7

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				
					2013	2012	2011	2010	2009
Johnston	3,425	32,699	8.0	1.6	9.6	10.8	10.8	10.8	8.9
Lenoir	2,813	21,994	7.0	0.8	7.8	8.3	8.8	9.5	9.7
Martin	782	5,062	5.8	0.7	6.5	8.4	9.8	7.4	5.8
Mayland	1,178	8,295	5.5	1.6	7.1	8.3	8.6	8.3	10.1
McDowell	1,095	6,083	4.2	1.3	5.5	7.7	6.6	4.7	5.4
Mitchell	3,041	27,464	7.3	1.7	9.0	10.4	10.6	12.0	11.5
Montgomery	803	5,305	4.9	1.7	6.6	6.9	7.5	7.3	8.1
Nash	2,012	20,379	8.4	1.7	10.1	11.1	12.9	10.8	12.5
Pamlico	483	2,141	3.3	1.1	4.4	4.9	4.1	6.1	6.2
Piedmont	1,279	8,670	5.4	1.3	6.7	7.4	9.5	11.6	12.4
Pitt	3,286	61,504	15.1	3.6	18.7	19.3	24.0	23.9	24.7
Randolph	2,709	21,293	6.3	1.5	7.8	9.4	10.5	11.9	10.8
Richmond	1,684	17,514	8.2	2.2	10.4	10.6	10.1	9.8	10.1
Roanoke-Chowan	890	6,670	5.7	1.8	7.5	10.2	6.1	7.9	7.0
Robeson	1,447	20,290	11.3	2.8	14.1	14.3	14.8	16.8	18.0
Rockingham	1,626	16,817	9.3	1.0	10.3	11.5	11.8	13.3	13.4
Rowan-Cabarrus	3,378	48,594	10.8	3.5	14.3	13.4	15.2	14.9	18.7
Sampson	1,382	13,652	7.9	2.0	9.9	10.5	11.3	11.8	11.1
Sandhills	3,699	34,186	8.2	1.0	9.2	10.6	12.0	10.7	11.5
South Piedmont	1,512	12,996	7.1	1.5	8.6	8.7	8.1	14.2	15.2
Southeastern	2,122	8,947	3.8	0.4	4.2	5.6	6.0	5.6	6.6
Southwestern	1,427	13,608	9.0	0.5	9.5	11.9	10.9	12.6	13.6
Stanly	1,869	12,956	6.1	0.8	6.9	7.7	8.5	7.4	9.0
Surry	3,131	32,250	8.8	1.5	10.3	10.4	9.4	11.3	11.4
Tri-County	1,061	7,224	5.5	1.3	6.8	5.6	6.2	6.5	5.9
Vance-Granville	2,140	21,814	8.3	1.8	10.1	10.4	10.2	9.3	10.3
Wake	8,559	125,512	12.2	2.5	14.7	13.6	17.2	15.8	15.4
Wayne	1,711	18,549	9.6	1.3	10.9	10.8	10.5	10.4	10.1
Western Piedmont	1,834	15,493	7.1	1.3	8.4	11.0	13.4	14.5	13.0
Wilkes	3,050	25,582	7.4	1.0	8.4	8.3	8.1	9.7	9.7
Wilson	1,839	11,805	5.3	1.1	6.4	6.5	5.6	7.0	7.4
Subtotal	160,209	1,632,046	8.4	1.8	10.2	10.8	11.4	11.9	12.0
Private Institutions									
NC Private Universities									
Barton	1,678	11,682	5.9	1.0	6.9	6.9	6.9	6.8	6.9
Campbell	5,157	50,763	9.0	0.8	9.8	11.3	11.5	11.4	11.2
Mars Hill	1,852	16,943	8.0	1.1	9.1	9.3	8.2	7.4	7.7
Pfeiffer	1,603	10,192	5.1	1.3	6.4	6.5	7.2	6.5	6.1
Subtotal	10,290	89,579	7.7	1.0	8.7	9.4	9.4	9.0	8.9
Grand Total	282,739	3,691,184	11.4	1.7	13.1	13.6	14.0	14.5	14.6

TABLE 6:

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

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

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

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

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

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

Average Weekly Room Use of Student Stations In Laboratories

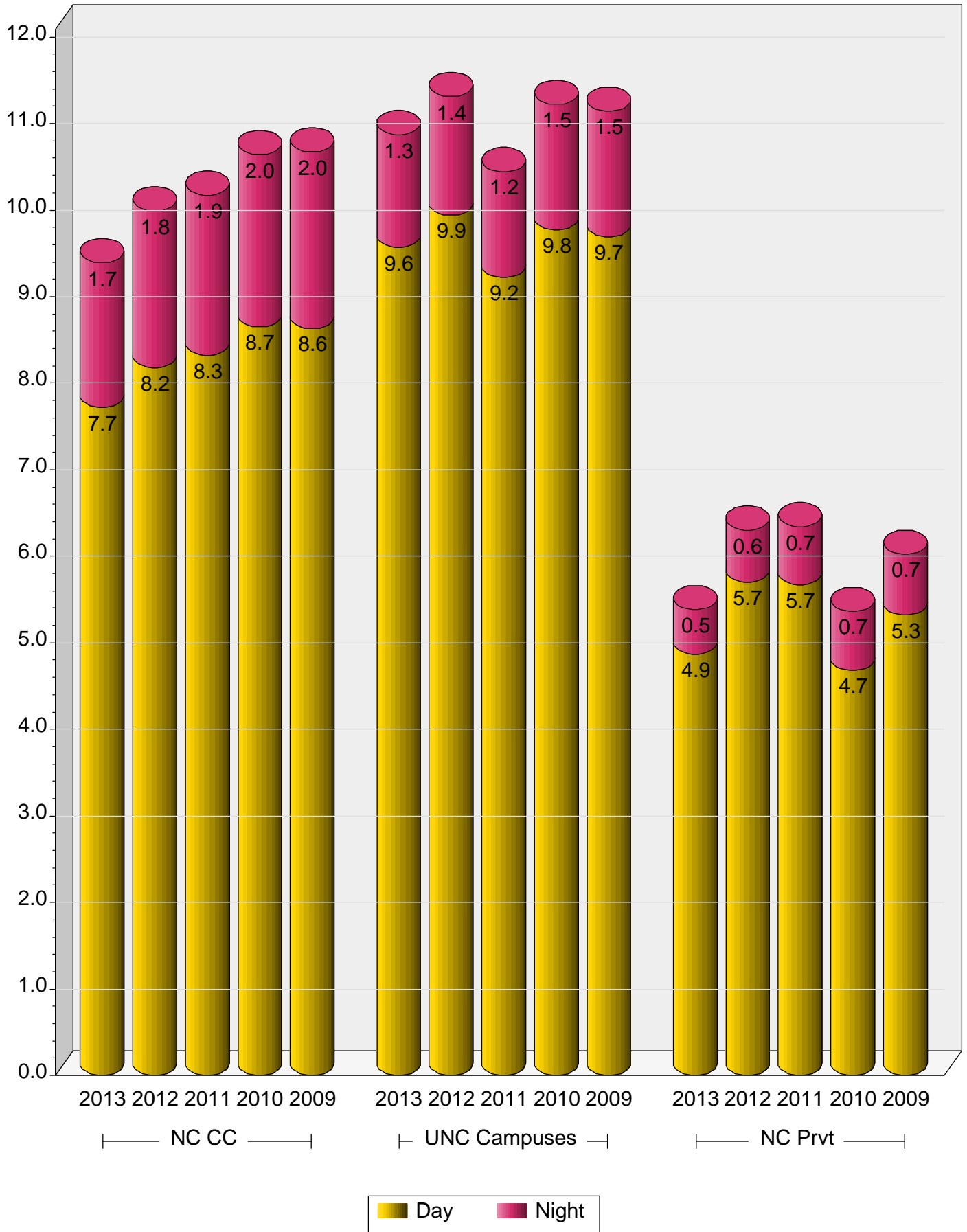


Table 6. Average Weekly Use of Student Stations in Class Laboratories

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2013	2012	2011	2010	2009
Public Institutions									
Research Universities I									
NC State	6,523	71,739	10.2	0.8	11.0	10.9	11.3	12.4	12.3
UNC-Chapel Hill	2,301	19,915	7.2	1.4	8.6	11.2	8.1	8.6	8.4
Subtotal	8,824	91,654	9.4	1.0	10.4	11.0	10.5	11.2	11.1
Doctoral Universities I and II									
East Carolina	3,772	41,076	9.4	1.5	10.9	9.8	10.2	11.0	11.1
NC A&T	2,127	23,570	10.0	1.1	11.1	10.3	4.9	5.5	5.1
UNC Charlotte	4,014	47,786	10.0	2.0	12.0	11.3	11.5	12.9	12.5
UNC Greensboro	2,090	26,369	11.4	1.2	12.6	16.4	12.3	12.0	13.1
Subtotal	12,003	138,800	10.0	1.5	11.5	11.5	9.4	10.2	10.4
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,603	47,936	16.0	2.4	18.4	18.2	16.6	18.2	17.8
Fayetteville	1,402	12,839	7.5	1.7	9.2	11.0	9.6	10.0	10.0
NC Central	1,292	12,023	8.1	1.2	9.3	11.5	11.9	12.0	11.6
UNC Pembroke	689	8,453	11.5	0.7	12.2	12.2	11.0	12.5	13.9
UNC Wilmington	2,053	21,916	9.2	1.5	10.7	13.3	14.6	15.2	16.4
Western Carolina	1,957	22,281	10.2	1.2	11.4	11.3	12.1	12.0	9.1
Winston-Salem	1,552	9,581	5.7	0.5	6.2	7.4	8.0	9.3	8.8
Subtotal	11,548	135,028	10.2	1.5	11.7	12.8	12.7	13.4	12.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,482	9,092	5.7	0.4	6.1	6.5	6.3	7.1	8.0
UNC Asheville	794	7,070	8.0	0.9	8.9	9.5	10.4	10.3	9.8
Subtotal	2,276	16,162	6.5	0.6	7.1	7.7	7.8	8.3	8.7
Schools of Art, Music, and Design									
UNC School of the Arts	1,616	12,464	6.4	1.3	7.7	6.9	7.7	10.3	10.3
Subtotal	1,616	12,464	6.4	1.3	7.7	6.9	7.7	10.3	10.3
Community Colleges									
Alamance	1,331	13,763	8.9	1.4	10.3	9.6	10.9	13.6	13.4
Asheville-Buncombe	2,874	31,094	8.8	2.0	10.8	11.4	10.2	9.3	10.9
Beaufort Co.	1,268	5,214	3.5	0.6	4.1	5.2	5.9	6.3	6.8
Bladen	522	4,328	5.8	2.4	8.2	11.3	8.4	14.3	10.2
Blue Ridge	1,175	6,469	4.4	1.1	5.5	6.3	6.3	5.6	8.6
Brunswick	406	5,466	12.0	1.5	13.5	11.9	10.7	10.7	11.5
Caldwell	1,279	9,755	6.5	1.1	7.6	9.8	8.9	11.0	13.5
Cape Fear	2,954	44,932	12.7	2.5	15.2	17.1	17.2	15.9	16.3
Carteret	1,012	6,289	4.9	1.3	6.2	8.0	7.0	7.0	6.7
Catawba Valley	1,883	18,192	8.3	1.3	9.6	10.8	10.6	13.2	12.6
Central Carolina	2,512	15,088	5.3	0.7	6.0	6.7	6.2	7.2	8.3
Central Piedmont	3,800	35,676	7.1	2.3	9.4	8.6	8.9	9.0	10.4
Cleveland	1,555	12,697	6.2	2.0	8.2	8.9	9.5	10.8	10.0
Coastal Carolina	1,493	20,749	12.9	1.0	13.9	13.3	13.5	10.9	11.5
Coll. of Albemarle	1,267	6,536	4.2	0.9	5.1	6.9	8.5	7.4	7.3
Craven	1,010	8,065	5.9	2.0	7.9	7.9	7.9	9.1	7.9
Davidson County	1,574	10,418	5.6	1.0	6.6	8.4	8.5	9.3	10.4
Durham	1,807	11,807	4.7	1.8	6.5	8.3	9.3	9.3	8.4
Edgecombe	853	10,222	9.9	2.1	12.0	14.9	13.7	14.7	13.8
Fayetteville	3,904	38,098	7.8	2.0	9.8	9.3	8.4	8.2	8.5
Forsyth	2,514	30,090	9.4	2.6	12.0	12.5	15.0	13.6	12.4
Gaston	1,892	14,827	6.4	1.4	7.8	8.9	8.9	9.3	10.4
Guilford	3,730	34,491	7.4	1.9	9.3	8.1	9.8	9.2	9.3
Halifax	598	4,921	7.7	0.6	8.3	12.5	9.7	11.2	11.3
Haywood	1,302	10,164	6.7	1.1	7.8	9.5	9.1	10.1	10.3
Isothermal	1,040	9,456	7.5	1.5	9.0	10.9	11.8	14.4	14.7
James Sprunt	476	3,630	6.4	1.3	7.7	9.0	8.4	7.9	8.3

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				
					2013	2012	2011	2010	2009
Johnston	1,350	9,637	5.8	1.3	7.1	7.1	8.6	8.9	7.7
Lenoir	1,596	9,918	5.4	0.8	6.2	6.8	7.4	8.1	8.8
Martin	578	5,938	9.1	1.2	10.3	9.1	9.8	8.7	7.1
Mayland	390	2,784	5.6	1.6	7.2	6.6	6.9	9.6	10.0
McDowell	633	6,388	7.9	2.2	10.1	11.0	11.4	11.8	11.1
Mitchell	978	7,970	6.7	1.5	8.2	10.2	10.0	8.9	7.9
Montgomery	317	3,530	8.1	3.0	11.1	10.5	10.1	11.2	11.3
Nash	774	8,582	8.4	2.7	11.1	9.0	11.1	11.1	10.5
Pamlico	257	973	3.0	0.8	3.8	3.8	5.1	5.7	6.0
Piedmont	772	6,768	6.9	1.9	8.8	10.5	12.0	14.3	13.5
Pitt	1,670	24,023	12.2	2.2	14.4	15.3	17.4	16.1	17.4
Randolph	1,249	7,699	4.9	1.2	6.1	6.9	5.5	7.4	9.6
Richmond	731	8,308	8.6	2.7	11.3	10.8	11.6	12.1	8.7
Roanoke-Chowan	468	3,989	6.9	1.6	8.5	10.2	9.6	7.8	7.7
Robeson	1,095	16,272	12.8	2.1	14.9	14.5	13.9	12.8	12.8
Rockingham	1,081	6,573	4.9	1.2	6.1	6.9	7.1	6.9	6.9
Rowan-Cabarrus	1,570	18,370	8.6	3.1	11.7	12.7	13.3	18.0	17.9
Sampson	585	6,946	10.1	1.7	11.8	11.9	8.2	11.6	8.8
Sandhills	1,246	7,968	5.6	0.8	6.4	7.3	8.5	8.7	8.3
South Piedmont	830	7,752	8.1	1.3	9.4	8.5	9.0	11.8	10.6
Southeastern	888	4,445	4.5	0.5	5.0	5.3	6.7	7.2	8.4
Southwestern	735	8,098	9.8	1.2	11.0	11.4	11.5	12.2	12.3
Stanly	1,060	4,861	3.9	0.6	4.5	6.0	4.8	8.0	7.2
Surry	1,127	11,046	8.6	1.2	9.8	8.6	8.7	10.8	8.4
Tri-County	616	7,555	9.8	2.5	12.3	8.0	9.6	10.0	11.0
Vance-Granville	1,673	14,421	7.5	1.1	8.6	11.0	9.3	10.4	11.7
Wake	3,664	53,347	11.9	2.6	14.5	16.6	16.7	16.3	15.2
Wayne	1,564	16,569	9.3	1.3	10.6	11.6	11.8	11.6	12.4
Western Piedmont	1,120	9,870	7.5	1.3	8.8	9.2	10.9	10.4	8.6
Wilkes	1,406	10,053	6.5	0.7	7.2	6.3	6.7	6.7	7.0
Wilson	737	6,564	6.2	2.7	8.9	8.7	7.9	10.0	9.6
Subtotal	78,791	739,638	7.7	1.7	9.4	10.0	10.1	10.7	10.6
Private Institutions									
NC Private Universities									
Barton	475	3,628	7.6	0.0	7.6	7.3	7.4	6.6	7.2
Campbell	1,323	6,995	4.3	1.0	5.3	7.5	7.5	5.5	7.2
Mars Hill	742	3,218	4.2	0.1	4.3	4.6	5.2	5.0	5.1
Pfeiffer	426	2,103	4.8	0.2	5.0	5.3	4.3	4.3	-
Subtotal	2,966	15,943	4.9	0.5	5.4	6.3	6.4	5.4	6.0
Grand Total	118,024	1,149,687	8.2	1.5	9.7	10.3	10.2	10.7	10.7

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

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

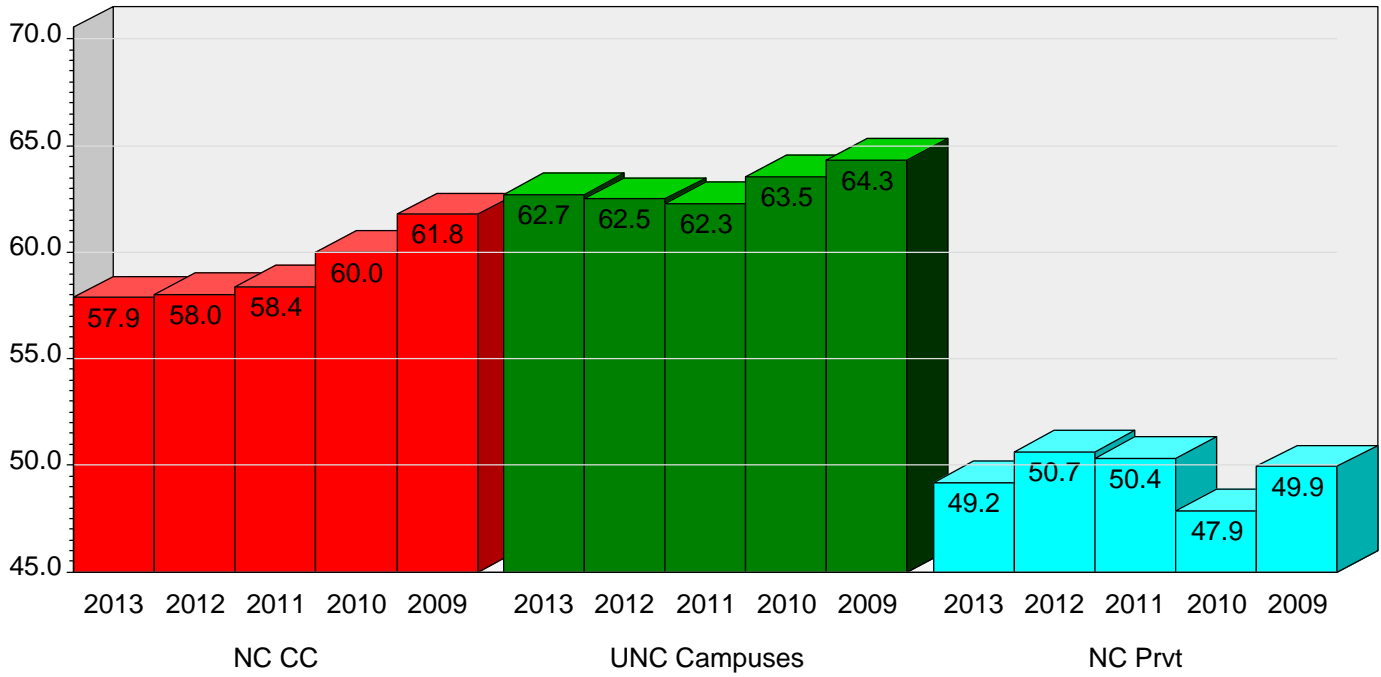
The University of North Carolina standards are 65% for classrooms and 75% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized configuration and/or equipment, are usually closer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

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

**Percent of Student Station Utilization
Classrooms and Class Laboratories**

In Classrooms



In Laboratories

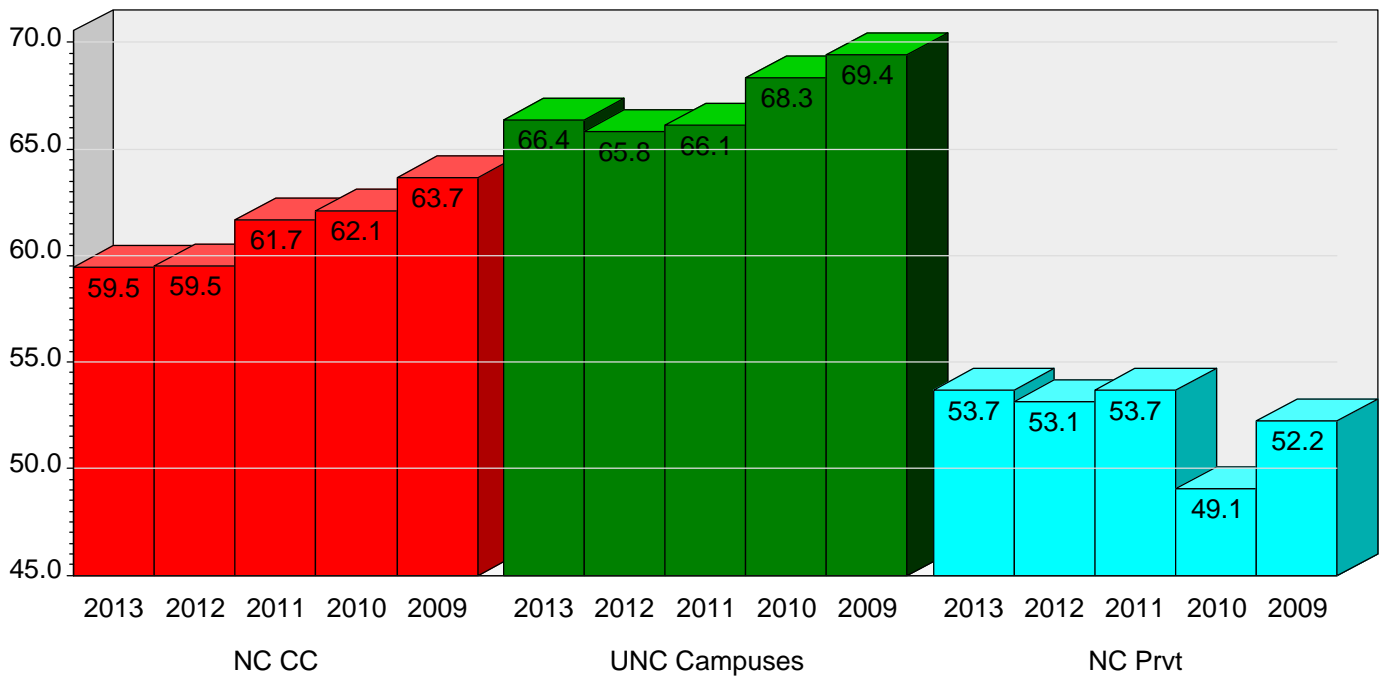


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2013	2012	2011	2010	2009	2013	2012	2011	2010	2009
Public Institutions										
Research Universities I										
NC State	64.5	66.3	66.9	65.7	65.4	76.6	75.4	78.9	84.0	79.3
UNC-Chapel Hill	66.0	66.4	65.0	66.7	66.5	65.3	71.7	73.4	75.2	70.4
Subtotal	65.2	66.4	66.0	66.2	65.9	73.9	74.3	77.6	81.8	77.2
Doctoral Universities I and II										
East Carolina	63.8	63.8	64.2	64.1	64.0	56.7	54.3	55.1	56.1	57.2
NC A&T	54.7	53.4	57.5	57.4	59.2	69.2	70.8	75.8	72.6	64.7
UNC Charlotte	67.9	65.0	61.2	70.0	70.0	67.6	63.4	59.9	70.5	74.4
UNC Greensboro	58.2	61.1	58.2	61.1	63.1	60.6	62.3	63.0	61.8	65.5
Subtotal	62.5	62.0	60.7	64.2	64.9	62.9	61.4	60.8	64.2	65.6
Master's (Comprehensive) Universities and Colleges I										
Appalachian	68.9	68.8	70.5	68.3	69.8	75.6	75.2	78.0	77.0	78.8
Fayetteville	54.5	54.5	54.8	52.4	55.7	61.2	59.9	55.6	50.0	47.3
NC Central	51.2	50.5	51.3	52.7	56.3	74.0	79.2	69.1	67.8	69.2
UNC Pembroke	59.9	62.0	58.1	59.6	59.4	65.0	66.1	61.7	65.1	72.9
UNC Wilmington	63.6	60.4	65.3	66.1	67.3	66.0	68.3	72.9	75.9	79.7
Western Carolina	70.6	70.7	69.2	66.4	67.1	64.7	61.8	62.8	60.7	60.6
Winston-Salem	45.0	48.2	48.5	50.2	54.8	49.9	47.5	50.8	64.2	70.6
Subtotal	61.6	60.9	61.8	61.4	63.1	67.4	67.0	67.4	68.0	69.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	44.1	48.2	46.6	51.6	56.7	54.0	56.9	50.4	51.6	68.8
UNC Asheville	61.0	59.3	60.7	60.7	59.5	61.3	65.3	68.1	65.1	67.4
Subtotal	54.1	54.3	54.3	56.5	58.3	57.0	60.7	57.8	57.0	68.2
Schools of Art, Music, and Design										
UNC School of the Arts	52.2	50.3	58.1	60.9	63.3	61.9	56.1	55.9	60.8	62.6
Subtotal	52.2	50.3	58.1	60.9	63.3	61.9	56.1	55.9	60.8	62.6
Community Colleges										
Alamance	50.5	57.1	54.0	58.9	55.3	55.3	52.0	55.1	62.9	68.3
Asheville-Buncombe	66.5	75.4	68.9	63.9	65.8	54.3	55.9	59.4	51.8	54.3
Beaufort Co.	40.1	42.1	45.9	42.0	48.7	38.2	38.8	42.2	39.9	45.9
Bladen	46.3	39.9	49.5	58.7	64.6	47.3	53.4	59.6	69.2	63.4
Blue Ridge	46.2	49.4	52.6	51.5	58.1	40.5	43.9	48.7	50.1	57.0
Brunswick	42.2	47.0	50.5	44.0	56.1	70.4	60.0	62.9	53.1	64.2
Caldwell	62.0	62.4	63.5	63.7	65.4	59.0	67.9	63.7	63.8	76.6
Cape Fear	60.0	63.6	63.9	62.7	63.6	67.8	67.9	69.4	67.9	70.9
Carteret	46.5	49.9	51.3	62.0	60.4	56.0	69.7	64.4	65.0	65.3
Catawba Valley	52.3	60.9	56.8	61.3	64.0	66.7	65.7	65.5	71.0	71.4
Central Carolina	53.2	54.3	61.7	58.9	57.6	61.4	61.6	59.2	60.8	61.9
Central Piedmont	70.7	65.8	67.5	67.8	70.7	63.6	62.5	63.8	61.5	65.7
Cleveland	44.4	45.6	45.4	47.0	51.6	51.3	50.3	55.9	62.7	56.0
Coastal Carolina	55.7	56.7	58.1	53.4	65.0	63.9	59.0	61.4	52.6	59.9
Coll. of Albemarle	54.2	55.9	55.7	61.0	59.0	60.2	63.0	62.8	70.9	69.2
Craven	79.4	79.8	75.4	64.5	62.2	58.8	60.8	62.5	68.7	66.0
Davidson County	61.0	57.9	62.6	61.9	56.4	56.3	49.6	59.8	67.8	66.1
Durham	67.8	61.7	56.3	59.0	59.3	60.5	59.5	59.8	63.9	64.5
Edgecombe	53.1	58.1	56.2	66.7	67.8	57.5	67.6	66.9	74.7	78.1
Fayetteville	45.2	42.0	40.6	40.3	44.2	61.6	62.8	56.6	58.5	55.7
Forsyth	57.4	56.4	64.2	59.3	62.3	66.0	66.4	68.9	65.7	66.9
Gaston	66.2	60.7	61.1	59.5	62.9	56.2	58.0	59.5	53.7	66.0
Guilford	71.4	71.7	67.8	75.7	81.3	66.3	56.9	65.6	73.7	75.4
Halifax	46.9	52.0	54.6	61.9	66.7	50.4	78.6	54.5	60.4	71.5
Haywood	52.1	49.6	51.6	47.4	49.4	50.4	55.4	55.9	54.4	52.3
Isothermal	43.2	48.3	50.3	56.2	63.6	65.7	69.0	67.3	73.1	74.7
James Sprunt	46.4	52.2	54.5	56.1	53.6	53.4	50.2	57.6	50.6	53.2
Johnston	59.7	63.9	61.7	69.3	63.2	56.9	62.6	63.5	64.1	65.5
Lenoir	55.7	60.4	59.5	65.0	65.1	52.4	50.8	60.0	65.7	70.7

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

Institution	Classrooms					Laboratories				
	2013	2012	2011	2010	2009	2013	2012	2011	2010	2009
Martin	52.8	46.6	48.3	48.2	41.2	54.1	50.7	52.3	43.2	42.8
Mayland	59.0	56.7	56.3	53.4	62.1	56.1	49.3	68.7	75.7	66.9
McDowell	38.8	44.4	42.2	54.1	56.2	43.9	44.1	48.3	44.1	49.0
Mitchell	56.7	58.2	62.9	61.3	63.4	60.8	68.1	64.9	72.4	66.4
Montgomery	38.0	38.3	39.7	39.4	43.5	52.2	52.3	51.8	58.0	57.5
Nash	52.1	49.5	52.0	48.5	57.8	60.6	47.6	53.9	51.3	53.4
Pamlico	36.2	42.8	36.7	43.9	42.1	30.9	30.2	45.9	40.9	39.4
Piedmont	38.5	37.9	47.0	49.9	48.7	40.1	44.1	46.5	60.7	52.3
Pitt	65.7	65.6	69.7	69.8	72.8	71.5	73.5	70.4	71.7	71.5
Randolph	59.5	58.0	57.7	56.5	54.0	51.6	56.3	51.7	50.4	66.5
Richmond	45.6	46.7	56.7	56.6	46.9	59.5	57.4	65.9	67.2	57.5
Roanoke-Chowan	46.9	59.3	47.9	51.6	43.1	47.2	55.2	55.3	46.5	43.7
Robeson	66.7	73.9	69.3	71.3	74.7	73.9	84.1	79.7	69.6	69.7
Rockingham	58.9	49.9	57.2	60.2	64.7	47.5	48.4	51.5	52.5	59.2
Rowan-Cabarrus	59.6	59.4	59.1	67.0	68.4	63.9	62.8	65.5	73.0	75.9
Sampson	59.2	57.5	65.6	66.3	69.4	88.0	81.3	73.8	73.9	72.7
Sandhills	55.9	58.4	57.4	58.8	57.0	55.1	54.9	61.3	64.4	57.8
South Piedmont	63.4	54.5	52.5	71.7	76.5	56.5	56.5	55.9	67.4	62.9
Southeastern	38.5	36.8	35.3	50.0	57.1	36.5	40.2	47.9	51.6	54.2
Southwestern	52.0	59.5	56.4	60.8	64.1	67.0	65.6	65.4	68.0	64.2
Stanly	45.5	42.2	49.7	50.2	48.3	29.9	31.7	36.2	36.9	38.7
Surry	65.7	59.8	58.0	61.3	68.3	71.9	61.5	62.9	66.9	65.5
Tri-County	45.9	44.0	46.8	45.5	50.8	73.1	43.7	54.7	48.6	60.4
Vance-Granville	49.8	55.5	55.1	56.3	60.0	55.1	58.6	64.9	56.5	63.2
Wake	67.1	66.8	68.4	65.4	65.9	73.7	77.3	75.8	72.2	75.9
Wayne	59.8	58.8	54.4	61.8	60.9	57.8	61.0	68.9	69.8	66.9
Western Piedmont	53.8	59.4	55.4	58.1	59.5	59.4	50.7	63.2	64.0	59.6
Wilkes	49.5	46.6	43.8	48.0	47.7	41.7	40.0	41.7	46.8	44.7
Wilson	53.9	53.0	46.7	51.5	47.6	52.4	54.0	55.9	56.3	58.3
Subtotal	57.9	58.0	58.4	60.0	61.8	59.5	59.5	61.7	62.1	63.7
Private Institutions										
NC Private Universities										
Barton	37.4	38.4	39.5	36.9	39.0	63.0	65.1	56.3	47.3	55.3
Campbell	51.8	53.9	53.1	52.5	54.6	48.5	52.5	56.1	49.2	49.9
Mars Hill	54.2	53.7	52.8	52.3	52.8	47.5	39.6	44.5	42.5	45.3
Pfeiffer	46.9	49.3	49.6	40.8	42.6	77.0	69.1	62.4	70.2	78.1
Subtotal	49.2	50.6	50.3	47.9	49.9	53.7	53.1	53.7	49.1	52.2
Grand Total	60.1	60.1	60.1	61.4	62.7	61.6	61.4	63.0	63.9	65.3

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

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

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

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

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

Table 8. Student Clock Hours of Instruction

Institution	2013			2012			2011		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Public Institutions									
Research Universities I									
NC State	298,001.0	71,738.5	23,346.5	300,258.5	68,220.5	21,653.0	308,107.5	72,499.0	26,160.5
UNC-Chapel Hill	277,060.0	19,915.0	9,286.5	278,061.0	27,289.5	9,575.5	266,436.0	20,760.5	6,208.5
Subtotal	575,061.0	91,653.5	32,633.0	578,319.5	95,510.0	31,228.5	574,543.5	93,259.5	32,369.0
Doctoral Universities I and II									
East Carolina	200,656.0	41,075.5	12,238.0	200,775.0	37,340.0	12,380.5	209,786.0	38,923.0	12,908.0
NC A&T	98,940.0	23,570.0	10,388.0	94,929.5	21,416.0	11,884.0	101,750.0	19,818.5	8,485.0
UNC Charlotte	268,101.5	47,785.5	7,287.0	259,785.5	47,391.0	7,865.5	236,601.5	47,424.5	7,717.5
UNC Greensboro	148,339.0	26,368.5	7,693.0	166,157.0	32,512.0	12,803.5	167,751.5	26,317.0	13,372.5
Subtotal	716,036.5	138,799.5	37,606.0	721,647.0	138,659.0	44,933.5	715,889.0	132,483.0	42,483.0
Master's (Comprehensive) Universities and Colleges I									
Appalachian	183,005.0	47,936.0	27,608.0	180,639.0	47,445.5	26,712.5	179,926.5	43,072.0	30,784.0
Fayetteville	44,768.5	12,839.0	5,469.0	46,136.0	12,781.5	5,203.5	45,252.0	11,820.0	3,985.0
NC Central	66,635.5	12,022.5	12,330.0	68,374.5	14,862.5	13,086.0	69,807.0	17,550.0	6,898.0
UNC Pembroke	52,607.5	8,452.5	1,847.0	54,101.0	8,654.0	2,074.5	50,619.5	6,677.5	4,814.5
UNC Wilmington	140,328.5	21,916.0	5,688.0	136,402.5	27,740.0	6,491.5	137,165.5	30,321.5	6,478.0
Western Carolina	92,837.5	22,281.0	13,576.5	86,859.0	20,604.5	13,529.0	81,249.5	20,698.0	12,043.5
Winston-Salem	39,494.5	9,580.5	6,579.5	50,775.5	11,313.5	6,777.5	55,140.5	11,906.0	6,655.5
Subtotal	619,677.0	135,027.5	73,098.0	623,287.5	143,401.5	73,874.5	619,160.5	142,045.0	71,658.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	16,872.5	9,091.5	1,735.5	23,769.0	9,652.0	2,441.0	24,210.5	9,111.0	374.0
UNC Asheville	34,003.0	7,070.0	13,986.5	35,920.0	9,406.0	9,769.0	38,597.5	8,936.0	9,550.5
Subtotal	50,875.5	16,161.5	15,722.0	59,689.0	19,058.0	12,210.0	62,808.0	18,047.0	9,924.5
Schools of Art, Music, and Design									
UNC School of the Arts	7,909.0	12,464.0	9,776.5	8,359.0	11,135.5	8,934.0	8,840.5	12,356.0	9,360.5
Subtotal	7,909.0	12,464.0	9,776.5	8,359.0	11,135.5	8,934.0	8,840.5	12,356.0	9,360.5
Community Colleges									
Alamance	34,744.5	13,762.5	79.0	37,727.5	12,775.5	176.0	38,478.5	14,502.5	1,079.0
Asheville-Buncombe	42,250.0	31,094.0	5,344.0	39,705.0	33,087.0	1,734.0	41,099.5	30,396.5	1,807.0
Beaufort Co.	15,875.5	5,214.0	1,068.0	13,733.5	7,118.0	485.5	13,966.0	7,153.0	1,695.0
Bladen	9,585.5	4,327.5	2,989.0	8,201.0	5,934.0	2,661.5	10,838.5	4,380.5	676.0
Blue Ridge	15,221.5	6,469.0	3,785.5	16,200.5	7,401.5	5,599.5	16,734.0	7,429.0	1,459.0
Brunswick	17,306.5	5,466.0	4,834.5	15,030.5	4,819.0	4,333.5	17,861.0	4,368.0	3,808.0
Caldwell	28,263.5	9,754.5	2,349.5	35,050.5	12,496.5	2,943.5	35,583.5	11,372.0	7,139.0
Cape Fear	61,750.0	44,932.0	6,911.0	68,780.0	44,805.5	7,656.0	68,944.0	44,445.5	4,367.5
Carteret	10,668.5	6,288.5	1,285.5	11,856.0	8,044.0	1,135.0	11,882.0	7,323.5	1,487.5
Catawba Valley	23,536.0	18,191.5	5,599.5	28,261.0	19,852.5	5,950.0	31,443.0	21,035.0	3,587.0
Central Carolina	33,603.0	15,088.0	2,099.0	34,313.0	15,369.0	3,025.0	47,187.5	14,174.5	4,202.0
Central Piedmont	155,864.5	35,675.5	7,435.5	149,254.5	29,751.0	9,868.0	151,180.5	29,060.0	8,732.5
Cleveland	13,973.5	12,696.5	2,323.0	15,261.0	13,779.5	1,938.0	18,773.0	13,734.0	1,680.0
Coastal Carolina	32,581.0	20,748.5	3,074.0	38,690.0	19,743.0	2,106.0	36,292.5	19,953.0	1,712.5
Coll. of Albemarle	10,535.5	6,536.0	3,162.5	13,802.0	7,819.0	3,081.0	17,740.0	9,117.0	2,220.5
Craven	23,901.0	8,064.5	1,679.0	24,021.5	8,137.0	1,251.0	24,168.0	8,111.0	1,461.0
Davidson County	27,842.0	10,418.0	2,944.5	28,375.0	13,162.5	5,557.0	30,516.0	13,550.0	5,214.5
Durham	34,878.0	11,806.5	729.0	49,289.5	14,631.5	751.0	43,883.5	16,332.5	1,061.0
Edgecombe	14,022.5	10,222.0	1,556.5	20,056.0	12,729.0	5,561.5	20,905.0	11,741.5	4,404.5
Fayetteville	76,550.0	38,098.0	4,732.0	66,626.0	35,451.5	2,981.0	70,418.0	30,775.5	1,482.0
Forsyth	64,495.0	30,089.5	10,549.5	66,434.0	32,909.0	12,668.5	71,630.5	34,507.5	12,392.0
Gaston	38,279.0	14,826.5	3,180.0	40,493.0	16,787.5	6,529.0	45,485.0	15,528.5	3,749.0
Guilford	123,014.5	34,490.5	8,451.5	126,745.5	30,207.0	7,277.5	118,280.5	34,645.5	11,986.5
Halifax	10,866.0	4,921.0	1,608.5	11,426.0	7,458.0	1,273.0	12,166.0	5,773.5	1,454.0
Haywood	9,018.0	10,163.5	791.0	9,422.5	13,027.5	526.0	9,275.5	12,056.0	544.0
Isothermal	9,361.5	9,455.5	3,651.5	11,882.0	11,267.0	4,033.5	12,112.5	12,347.5	2,744.0
James Sprunt	8,719.5	3,630.0	2,178.0	10,631.0	4,434.5	3,567.0	10,160.0	4,422.0	3,350.5
Johnston	32,698.5	9,637.0	1,887.0	37,550.0	9,616.5	3,581.5	37,643.5	11,680.5	3,125.5
Lenoir	21,993.5	9,917.5	4,429.5	24,505.0	9,162.5	4,837.0	25,401.0	10,080.0	7,884.0

Table 8. Student Clock Hours of Instruction

Institution	2013			2012			2011		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Martin	5,061.5	5,937.5	3,366.5	6,349.5	5,272.5	4,085.5	7,453.0	5,682.0	3,177.0
Mayland	8,294.5	2,784.0	348.0	9,608.0	2,560.5	1,052.5	9,941.0	2,684.5	661.0
McDowell	6,083.0	6,387.5	958.5	8,399.0	6,942.0	474.0	7,230.0	7,397.5	546.0
Mitchell	27,464.0	7,970.0	4,047.5	31,524.5	9,956.0	3,782.5	32,479.5	9,716.5	5,457.5
Montgomery	5,304.5	3,530.0	540.0	5,436.0	3,517.5	952.0	5,883.5	3,577.5	1,042.0
Nash	20,379.0	8,581.5	5,318.5	22,274.0	6,918.5	5,119.0	24,752.0	8,345.0	4,443.0
Pamlico	2,141.0	972.5	22.0	2,350.5	978.0	211.0	2,013.5	1,320.5	36.0
Piedmont	8,670.0	6,767.5	911.5	9,446.0	8,093.0	1,583.0	12,175.0	9,255.0	1,114.5
Pitt	61,503.5	24,023.0	2,246.0	64,207.0	25,871.5	2,441.0	58,261.0	25,472.0	2,962.0
Randolph	21,292.5	7,699.0	626.5	22,795.0	7,880.5	1,692.0	25,460.0	6,389.5	1,081.5
Richmond	17,514.0	8,307.5	1,382.0	18,310.5	8,297.0	1,368.0	19,639.0	9,739.0	1,670.0
Roanoke-Chowan	6,669.5	3,988.5	4,605.0	9,141.0	4,791.5	1,295.5	5,430.0	4,487.0	1,027.0
Robeson	20,289.5	16,271.5	1,618.5	21,140.5	15,384.5	1,348.0	23,595.0	17,451.0	1,900.5
Rockingham	16,817.0	6,573.0	2,615.0	18,961.0	8,321.5	3,558.0	19,544.5	8,596.5	3,166.0
Rowan-Cabarrus	48,593.5	18,370.0	1,614.0	46,608.5	20,574.5	389.0	51,336.5	24,144.5	728.5
Sampson	13,652.0	6,946.0	968.5	14,525.0	6,980.0	840.5	15,639.0	4,797.0	1,091.0
Sandhills	34,185.5	7,967.5	4,450.0	38,299.5	9,069.0	3,481.5	37,261.0	10,516.0	4,308.0
South Piedmont	12,996.0	7,751.5	1,178.0	12,709.0	7,651.5	1,578.5	11,885.0	7,987.0	2,416.0
Southeastern	8,946.5	4,445.0	1,752.5	10,910.5	4,713.0	2,423.5	12,381.5	5,881.5	1,112.5
Southwestern	13,607.5	8,097.5	1,515.5	18,872.5	7,464.5	2,220.5	13,963.5	7,762.5	1,208.5
Stanly	12,955.5	4,861.0	609.0	15,981.5	6,587.5	1,240.0	17,617.0	5,191.5	251.0
Surry	32,250.0	11,045.5	5,537.0	33,845.5	10,641.0	4,584.0	26,920.0	13,170.5	7,319.0
Tri-County	7,223.5	7,555.0	82.5	5,969.0	4,909.5	149.0	6,561.0	5,939.5	40.0
Vance-Granville	21,813.5	14,420.5	1,478.0	26,407.0	16,765.0	874.5	25,628.0	15,175.5	2,267.5
Wake	125,511.5	53,346.5	9,497.0	116,918.5	62,739.5	16,524.5	119,770.5	58,626.0	10,432.5
Wayne	18,549.0	16,568.5	3,184.0	20,263.0	16,539.0	5,810.5	20,425.0	16,478.0	5,587.0
Western Piedmont	15,493.0	9,869.5	2,074.0	20,280.0	10,133.0	1,108.0	25,547.5	11,147.0	1,295.0
Wilkes	25,582.0	10,052.5	2,181.5	25,379.0	8,900.5	2,360.0	24,057.5	9,264.0	2,043.0
Wilson	11,805.0	6,564.0	1,954.0	11,792.0	6,474.0	2,502.0	10,144.0	5,868.0	1,310.0
Subtotal	1,632,045.5	739,637.5	167,388.0	1,722,026.0	776,702.0	188,135.0	1,763,042.5	782,057.5	176,198.5
Private Institutions									
NC Private Universities									
Barton	11,681.5	3,628.0	1,050.5	11,632.5	3,510.0	833.0	11,641.0	3,525.5	537.0
Campbell	50,762.5	6,994.5	6,607.5	52,208.0	7,061.0	6,306.0	52,694.0	7,143.5	5,988.5
Mars Hill	16,943.0	3,218.0	1,686.0	14,975.0	3,149.0	1,770.0	13,196.0	3,561.5	1,624.5
Pfeiffer	10,192.0	2,102.5	741.5	10,231.0	2,260.5	781.0	11,256.5	1,839.5	446.0
Subtotal	89,579.0	15,943.0	10,085.5	89,046.5	15,980.5	9,690.0	88,787.5	16,070.0	8,596.0
Grand Total	3,691,183.5	1,149,686.5	346,309.0	3,802,374.5	1,200,446.5	369,005.5	3,833,071.5	1,196,318.0	350,590.0

TABLE 9: SPACE FACTORS

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

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

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

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.79:

$$\text{Classroom Space Factor} = \frac{18}{35 \times .65} = 0.79$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. The current average can be calculated by using the state averages for the three required indices from Tables 3, 7, and 16:

$$\text{Classroom Space Factor} = \frac{22}{19.8 \times .601} = 1.85$$

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				
	2013	2012	2011	2010	2009	2013	2012	2011	2010	2009	2013	2012	2011	2010	2009
Public Institutions															
Research Universities I															
NC State	0.84	0.82	0.81	0.83	0.83	3.80	3.97	3.63	3.46	3.55	1.42	1.41	1.35	1.32	1.34
UNC-Chapel Hill	0.96	0.98	1.06	1.03	1.02	4.32	3.24	4.83	4.59	4.77	1.19	1.18	1.33	1.29	1.29
Subtotal	0.90	0.90	0.93	0.92	0.92	3.92	3.76	3.90	3.71	3.81	1.31	1.30	1.34	1.31	1.32
Doctoral Universities I and II															
East Carolina	0.92	0.90	0.86	0.86	0.88	3.53	3.86	3.73	3.46	3.43	1.36	1.37	1.31	1.29	1.31
NC A&T	1.41	1.45	1.55	1.40	1.45	3.54	3.62	8.12	7.24	8.08	1.82	1.85	2.62	2.47	2.51
UNC Charlotte	0.82	0.84	0.86	0.73	0.76	3.73	3.60	3.45	3.14	3.42	1.26	1.26	1.29	1.14	1.25
UNC Greensboro	0.99	0.90	0.87	0.75	0.74	3.82	2.82	3.90	3.96	3.64	1.42	1.21	1.28	1.18	1.14
Subtotal	0.97	0.95	0.96	0.86	0.88	3.65	3.49	4.32	4.02	4.05	1.40	1.36	1.48	1.38	1.41
Master's (Comprehensive) Universities and Colleges I															
Appalachian	0.90	0.89	0.88	0.86	0.87	2.41	2.44	2.68	2.44	2.50	1.21	1.22	1.23	1.18	1.19
Fayetteville	1.18	1.06	1.24	1.08	1.01	4.06	3.28	3.56	3.20	2.82	1.82	1.54	1.72	1.52	1.34
NC Central	1.69	1.65	1.55	1.40	1.27	4.53	3.66	3.37	3.24	3.36	2.13	2.01	1.91	1.74	1.61
UNC Pembroke	1.58	1.55	1.35	1.15	1.18	3.39	3.45	3.73	3.36	3.00	1.83	1.81	1.63	1.38	1.39
UNC Wilmington	1.12	1.16	0.99	1.00	0.85	3.64	2.90	2.66	2.82	2.64	1.46	1.45	1.30	1.30	1.17
Western Carolina	1.02	1.11	1.04	1.08	1.12	3.84	3.98	3.45	3.51	4.64	1.57	1.66	1.53	1.59	1.83
Winston-Salem	1.76	1.37	1.26	1.27	1.20	5.64	4.72	4.39	3.73	3.94	2.51	1.98	1.81	1.78	1.71
Subtotal	1.18	1.17	1.10	1.06	1.02	3.48	3.19	3.14	3.00	3.13	1.60	1.55	1.48	1.42	1.40
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	3.71	2.64	2.11	1.76	1.79	6.26	5.90	6.16	5.41	4.61	4.61	3.58	3.21	2.72	2.58
UNC Asheville	1.24	1.39	1.19	1.16	1.18	4.92	4.45	4.38	4.65	4.80	1.87	2.02	1.79	1.78	1.80
Subtotal	2.06	1.88	1.55	1.41	1.43	5.68	5.19	5.28	5.06	4.69	2.93	2.68	2.38	2.19	2.15
Schools of Art, Music, and Design															
UNC School of the Arts	3.92	3.92	3.28	3.48	3.11	6.71	7.16	6.46	4.83	4.89	5.62	5.77	5.13	4.37	4.23
Subtotal	3.92	3.92	3.28	3.48	3.11	6.71	7.16	6.46	4.83	4.89	5.62	5.77	5.13	4.37	4.23
Community Colleges															
Alamance	2.05	1.87	1.84	1.64	1.78	4.31	4.64	4.09	3.34	3.33	2.69	2.57	2.45	2.14	2.35
Asheville-Buncombe	2.11	2.22	2.09	2.05	2.04	4.41	4.31	4.76	5.22	4.62	3.09	3.17	3.23	3.25	3.08
Beaufort Co.	3.03	3.56	2.62	2.74	3.39	9.66	7.26	7.06	6.65	6.75	4.67	4.82	4.13	4.16	4.66
Bladen	2.80	3.12	2.36	1.91	1.86	6.34	4.97	6.73	4.04	5.65	3.90	3.90	3.62	2.70	3.00
Blue Ridge	4.03	3.80	3.66	3.91	3.20	13.00	11.36	11.46	13.09	8.94	6.71	6.17	6.06	6.61	5.15
Brunswick	2.74	3.02	2.80	3.02	2.65	4.13	4.68	5.17	5.05	4.72	3.07	3.42	3.26	3.57	3.19
Caldwell	3.00	2.42	2.38	2.26	2.34	7.05	5.50	6.04	4.97	4.04	4.04	3.23	3.27	3.00	2.90
Cape Fear	1.79	1.52	1.55	1.53	1.52	3.23	2.88	2.88	3.16	3.15	2.40	2.06	2.07	2.18	2.19
Carteret	3.93	3.53	3.46	2.64	3.10	8.30	6.49	7.39	7.47	7.78	5.55	4.73	4.96	4.19	4.70
Catawba Valley	2.84	2.25	2.07	1.83	1.58	5.17	4.68	4.79	3.91	4.14	3.86	3.25	3.16	2.76	2.57
Central Carolina	3.61	3.35	2.44	2.81	2.50	6.92	6.18	6.70	5.87	4.94	4.64	4.23	3.42	3.69	3.23
Central Piedmont	2.11	2.14	2.17	2.09	1.82	6.67	7.55	7.55	7.42	6.11	2.96	3.04	3.04	2.93	2.50
Cleveland	3.36	3.08	2.37	2.06	1.97	4.60	4.24	3.89	3.59	3.89	3.95	3.63	3.02	2.69	2.71
Coastal Carolina	1.78	1.49	1.58	1.75	1.53	3.23	3.50	3.46	4.24	4.04	2.34	2.17	2.25	2.58	2.32
Coll. of Albemarle	5.26	3.73	3.16	2.94	3.20	11.91	7.98	6.35	6.59	6.62	7.81	5.27	4.24	3.90	4.14
Craven	2.04	2.05	2.03	2.13	2.72	7.29	6.99	7.01	6.91	6.16	3.37	3.30	3.28	3.40	4.03
Davidson County	2.35	2.31	2.28	2.10	2.37	5.92	4.69	4.60	4.33	3.97	3.32	3.06	2.99	2.81	2.92
Durham	2.53	1.81	1.97	1.72	1.55	7.02	5.61	5.03	4.98	5.92	3.66	2.68	2.80	2.54	2.45
Edgecombe	2.44	1.70	1.62	1.45	1.70	3.99	3.20	3.47	3.24	3.44	3.09	2.29	2.29	2.07	2.35
Fayetteville	2.09	2.39	2.11	2.11	1.87	4.27	4.53	5.04	5.16	4.94	2.82	3.13	3.00	3.02	2.75
Forsyth	2.22	1.87	1.47	1.58	1.51	5.03	5.00	3.66	4.04	4.41	3.11	2.91	2.18	2.37	2.42
Gaston	2.68	2.58	2.28	1.93	2.20	5.54	4.83	4.85	4.65	4.09	3.48	3.24	2.93	2.65	2.77
Guilford	1.59	1.55	1.59	1.37	1.42	5.33	6.08	5.17	5.83	5.86	2.41	2.42	2.40	2.11	2.16
Halifax	3.40	3.23	3.03	2.67	2.77	7.46	4.92	6.35	5.34	5.28	4.66	3.90	4.10	3.58	3.65
Haywood	3.58	3.17	3.57	2.93	3.10	7.42	6.25	7.39	6.54	5.50	5.62	4.96	5.73	5.05	4.48
Isothermal	5.16	3.82	3.11	2.59	2.18	5.38	4.44	4.10	3.33	3.28	5.27	4.12	3.61	2.97	2.70
James Sprunt	3.04	2.62	2.85	2.53	2.75	5.40	4.42	4.83	5.00	4.84	3.73	3.15	3.45	3.17	3.36
Johnston	2.47	2.18	2.18	2.20	2.69	6.83	6.84	5.63	5.58	6.52	3.46	3.13	3.00	3.01	3.63
Lenoir	3.24	3.13	2.91	2.89	2.79	7.09	6.87	6.55	5.27	4.75	4.44	4.15	3.94	3.56	3.35

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2013	2012	2011	2010	2009	2013	2012	2011	2010	2009	2013	2012	2011	2010	2009
Martin	4.53	3.45	2.94	3.92	5.07	5.39	6.07	5.64	6.39	7.77	4.99	4.64	4.11	5.09	6.29
Mayland	3.66	3.12	3.02	3.18	3.11	7.34	7.98	7.62	5.47	5.15	4.59	4.14	3.99	3.83	3.51
McDowell	3.87	2.80	3.25	5.00	4.33	4.87	4.48	4.41	4.18	4.12	4.38	3.56	3.84	4.54	4.22
Mitchell	2.52	2.20	2.16	1.88	1.96	5.65	4.52	4.63	4.93	5.60	3.22	2.75	2.73	2.46	2.63
Montgomery	3.59	3.41	3.13	3.23	2.97	5.00	4.58	4.66	4.81	4.96	4.15	3.87	3.71	3.87	3.68
Nash	2.37	2.17	1.86	2.24	1.92	4.52	5.61	4.38	4.36	4.66	3.01	2.98	2.49	2.86	2.60
Pamlico	6.47	5.89	6.88	4.70	4.56	10.87	10.81	8.00	7.22	6.82	7.84	7.34	7.32	5.54	5.33
Piedmont	4.16	3.82	2.96	2.44	2.30	4.43	3.70	3.24	2.89	3.06	4.28	3.77	3.08	2.63	2.60
Pitt	1.33	1.28	1.03	1.04	1.00	4.71	4.38	2.89	3.12	2.86	2.28	2.17	1.60	1.64	1.51
Randolph	3.06	2.48	2.17	1.92	2.08	10.03	9.37	11.50	8.09	6.48	4.91	4.25	4.04	3.38	3.55
Richmond	2.00	1.95	2.01	2.06	1.95	4.10	4.67	4.25	4.06	5.56	2.68	2.80	2.75	2.76	2.96
Roanoke-Chowan	2.68	1.96	3.29	2.54	2.89	5.76	4.79	5.12	5.71	5.78	3.83	2.93	4.12	3.54	3.88
Robeson	1.76	1.75	1.45	1.31	1.20	3.21	3.33	3.07	3.31	3.39	2.41	2.41	2.14	1.92	1.85
Rockingham	2.18	1.94	1.90	1.72	1.71	8.64	7.30	7.06	7.34	7.38	3.99	3.57	3.48	3.22	3.17
Rowan-Cabarrus	1.69	1.81	1.51	1.57	1.21	4.70	4.33	3.95	2.88	3.08	2.52	2.58	2.29	2.08	1.88
Sampson	2.30	2.16	2.01	1.93	2.03	4.98	4.95	7.21	5.11	6.48	3.20	3.07	3.23	2.87	3.14
Sandhills	2.51	2.14	1.87	2.09	1.94	6.77	5.80	5.00	4.86	5.22	3.32	2.85	2.56	2.77	2.66
South Piedmont	3.03	2.91	3.06	1.78	1.63	4.62	5.07	4.86	3.74	4.14	3.63	3.72	3.78	2.42	2.37
Southeastern	5.23	3.84	3.51	3.76	2.99	7.50	7.13	5.72	5.44	4.40	5.98	4.84	4.22	4.33	3.50
Southwestern	3.09	2.43	2.73	2.40	2.23	5.09	4.90	4.82	4.58	4.52	3.84	3.13	3.48	3.13	2.99
Stanly	2.52	2.30	2.11	2.43	1.99	7.22	5.45	6.92	4.13	4.50	3.80	3.22	3.21	3.06	2.75
Surry	2.56	2.49	2.74	2.31	2.28	6.16	5.92	5.52	4.43	5.74	3.48	3.31	3.65	3.05	3.28
Tri-County	4.02	4.87	4.43	4.41	4.74	4.44	6.83	5.65	5.46	5.53	4.24	5.75	5.01	4.90	5.11
Vance-Granville	2.22	2.19	2.17	2.41	2.22	4.51	3.92	4.42	3.93	3.44	3.13	2.86	3.01	3.05	2.74
Wake	1.58	1.70	1.37	1.46	1.48	3.56	3.10	3.01	3.08	3.32	2.17	2.19	1.91	2.01	2.11
Wayne	1.91	1.93	1.99	2.03	2.09	3.62	3.36	3.32	3.41	3.16	2.72	2.57	2.58	2.63	2.59
Western Piedmont	3.62	2.82	2.31	2.13	2.13	5.59	5.45	4.78	5.05	5.65	4.39	3.69	3.06	2.92	2.85
Wilkes	2.28	2.30	2.39	2.01	2.02	5.96	6.73	6.15	6.05	6.00	3.32	3.45	3.44	2.99	2.99
Wilson	3.53	3.40	4.00	3.22	2.93	5.18	5.57	6.14	4.86	5.29	4.12	4.17	4.78	3.83	3.83
Subtotal	2.35	2.21	2.08	1.99	1.95	5.27	4.97	4.83	4.62	4.59	3.26	3.06	2.92	2.80	2.76
Private Institutions															
NC Private Universities															
Barton	2.39	2.40	2.40	2.44	2.45	4.72	4.88	4.86	5.46	5.01	2.94	2.97	2.97	3.09	3.04
Campbell	1.95	1.68	1.67	1.67	1.69	5.32	4.20	4.15	5.61	4.23	2.36	1.98	1.96	2.03	1.96
Mars Hill	2.45	2.42	2.74	3.06	2.91	8.92	8.90	7.87	8.19	8.07	3.49	3.54	3.83	4.21	4.04
Pfeiffer	3.29	3.28	2.94	3.03	3.22	8.85	8.23	10.11	9.74	10.49	4.24	4.17	3.95	4.01	4.27
Subtotal	2.25	2.08	2.08	2.15	2.16	6.38	5.84	5.81	6.84	6.10	2.88	2.65	2.66	2.79	2.73
Grand Total	1.66	1.59	1.53	1.47	1.45	4.79	4.53	4.53	4.33	4.32	2.40	2.30	2.25	2.16	2.13

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

Classification	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Classrooms									
Public Institutions									
Research Universities I	30.8	28.7	26.9	66.0	65.2	64.5	0.96	0.90	0.84
Doctoral Universities I and II	30.5	28.1	24.2	67.9	62.5	54.7	1.41	0.97	0.82
Master's (Comprehensive) Universities I	30.3	26.0	19.0	70.6	61.6	45.0	1.76	1.18	0.90
Baccalaureate (Liberal Arts) Universities	28.5	17.9	10.8	61.0	54.1	44.1	3.71	2.06	1.24
Schools of Art, Music, and Design*	11.3	11.3	11.3	52.2	52.2	52.2	3.92	3.92	3.92
Community Colleges	28.0	16.9	8.9	79.4	57.9	36.2	6.47	2.35	1.33
Private Institutions									
NC Private Universities	17.7	16.0	11.8	54.2	49.2	37.4	3.29	2.25	1.95
Grand Total									
State Range	30.8	19.7	8.9	79.4	60.1	36.2	6.47	1.66	0.82
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Public Institutions									
Research Universities I	12.4	12.2	11.6	76.6	73.9	65.3	4.32	3.92	3.80
Doctoral Universities I and II	21.0	16.2	14.6	69.2	62.9	56.7	3.82	3.65	3.53
Master's (Comprehensive) Universities I	22.5	15.2	9.8	75.6	67.4	49.9	5.64	3.48	2.41
Baccalaureate (Liberal Arts) Universities	13.5	10.0	8.2	61.3	57.0	54.0	6.26	5.68	4.92
Schools of Art, Music, and Design*	11.6	11.6	11.6	61.9	61.9	61.9	6.71	6.71	6.71
Community Colleges	22.7	14.2	7.3	88.0	59.5	29.9	13.00	5.27	3.21
Private Institutions									
NC Private Universities	13.1	9.5	5.9	77.0	53.7	47.5	8.92	6.38	4.72
Grand Total									
State Range	22.7	14.1	5.9	88.0	61.6	29.9	13.00	4.79	2.41
Typical Standard	-	20.0	-	-	75.0	-	-	7.20	-

TABLE 11:

SPACE STANDARDS

(University of North Carolina only)

Space standards previously published in this study were selected from the Higher Education Facilities Planning and Management Manuals published by the Western Interstate Commission for Higher Education. While these published criteria were considered a useful baseline for subsequent space standards development both at the national level* and by individual states and institutions, the evolution of room configurations and needs at today's institutions of higher education had clarified the need for updated space planning standards in selected categories of space. To this end, the University of North Carolina, in conjunction with higher education consultants (Eva Klein and Associates, Ltd.), in 1997-98 developed space planning standards to be used as an additional variable in the evaluation of capital project needs at the UNC campuses.

It should be noted that the criteria presented here are *planning* guidelines for current and future needs based on specific assumptions of program, enrollment, employment, and/or research growth during a given planning period. They are therefore neither *programming* nor *design* standards for use as either architectural or cost estimation guides. In addition, these standards do not attempt to address quality issues of space in terms of either facility condition or suitability for current and future needs. Differences in institutional missions, program diversity, or specific strategic plans were also not included as components of the development. As a result, these standards are not intended as exclusive or absolute indicators for determination of project needs. Given these limitations, the adopted criteria are used within various standard formulas to develop totals for predicted space for each campus. These figures are in turn used, in comparison with inventoried space statistics, to calculate hypothetical surplus/deficit assignable square footages in the selected categories.

Space planning standards were developed for the first four series of HEGIS Room Use Codes as defined in both the national and N.C. facilities classification manuals. These standards were officially adopted by the UNC Board of Governors in October, 1998:

100 Series - Classroom Facilities - The standards apply only to the 110-Classroom Room Use Code. Room Use Code 115 (Classroom Service) is omitted in the calculations in accordance with typical comparative reporting practices in higher education.

*The most recent set of national space criteria was developed in 1985: Space Planning Guidelines, Council of Educational Facility Planners, International.

Space Standards

Table 11

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

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

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

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

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

CLASSROOM (110) STANDARDS

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

Space Standards

Table 11

CLASS (TEACHING) LABORATORY (210) STANDARDS

Space Factors are based on a Percent Student Station Utilization (Station Occupancy Ratio) of 75% and a Weekly Room Hour (Room Utilization Rate) standard of 20 hours.

<u>Teaching Lab Category</u>	<u>Discipline</u>	<u>ASF Per Station</u>	<u>Space Factor</u>
Highly Intensive	Engineering (including Textiles), Applied Design, Dance, Dramatic Arts.	108	7.2
Intensive	Agriculture, Architecture Biological Sciences, Health Professions, Library Sciences, Physical Sciences.	70	4.67
Moderately Intensive	Communications, Computer/ Info Tech, Education, Art, Home Economics, Law, Psychology.	50	3.33
Non-Intensive	Business, Cinematography, Music, Language, Letters, Mathematics, Public Affairs, Social Sciences.	33	2.2

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS

Currently, a research space planning standard ASF allowance of 9,000 square feet per \$1 million of organized research expenditures, averaged over five years, is recommended for application to only the two major research universities—UNC-Chapel Hill and N.C. State University. For all other UNC institutions, program considerations, and not planning standards, remain as the basis for justification for research space capital requests. A recommendation is in place to ultimately develop four categories of disciplines with corresponding ASF allowances per \$1 million of averaged expenditures:

Space Standards

Table 11

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

<u>Research Lab Category</u>	<u>Discipline</u>	<u>ASF per \$1 M Averaged Organized Research Expenditures</u>
Highly Intensive	Production Agriculture/ Animal, Crop, Poultry, Soil Sciences.	11,000
Intensive	Agricultural Sciences (other than Production Agriculture), Architecture and Related Programs, Conservation and Renewable Resources/Textiles, Forestry, Marine Sciences, Engineering, Health Professions, Physical Sciences.	9,000
Moderately Intensive	Biological Sciences, Home Economics, Psychology.	6,000
Non-Intensive	Applied Math/Statistics, Business, Communications, Education, Fine Arts, Languages, Law, Letters, Library Sciences, Public Affairs, Social Sciences.	4,000

OFFICE FACILITY (310/315, 350/355) STANDARDS

Office standards are based on an aggregation of all office facilities space (Office-310, Office Service-315, Conference Room-350, Conference Room Service-355). Four standards of ASF allowance, based on personnel categories, were developed.

Administrative	275 ASF
Instructional and Professional	190 ASF
Technical and Clerical	140 ASF
Graduate Assistants	95 ASF

Space Standards

Table 11

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

Central Libraries only (Program Code 41)

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

TABLE 12:

ENROLLMENTS

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

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

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of 1/2 FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of 1/2 FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The N.C. Community College System Office reports FTE based on its official "class membership" hour formula for calculation. Sixteen class membership hours per week for 16 weeks equate to one fall semester FTE. The total fall credit FTE is based on the total class membership hours per week times sixteen weeks divided by 256 (16 membership hours times 16 weeks).

For the community colleges, Table 12, for 2009-2012, 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 2013, the fall on-campus credit FTE is provided, but as a means of comparison, the total fall credit FTE (representing both on-campus and off-campus credit instruction) is listed for all community colleges. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

In 2011, a projection study was completed by the National Center for Education Statistics (NCES) which presents an estimate map of higher education headcount enrollments at the national level for the years 2009 through 2019, using enrollment data and demographic studies from the years 1994 to 2008.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 2000 and 2002, higher education enrollment increased from 15.3 million to 16.6 million, a growth of eight percent. Enrollment then increased from 17.5 million in 2000 to 19.1 million in 2008, an increase of nine percent over the period. This enrollment is expected to increase to 22.4 million by the year 2019, an increase of 17 percent from 2008.

Enrollments by Gender of Student

Women played a major role in the increase of enrollment between 2000-2008. Enrollment of women increased from 8.6 million in 2000 to 10.9 million in 2008 (27 percent). This number is projected to increase to 13.2 million by the year 2019, or an additional 21 percent. Enrollment of men rose from 6.7 million to 8.2 million between 2000 and 2008. This number is expected to increase to 9.2 million by 2019, a growth of 12 percent over the period. Women's share of college enrollments is projected to be 59% by 2019.

Enrollments in Public and Private Institutions

From 2000 to 2002, public institution enrollment grew from 11.8 million to 12.8 million. Enrollment increased to 13.0 million in 2005 followed by a rise to 13.9 million in 2008, for a net increase of seven percent over the period. This figure is expected to increase by another 18 percent to 16.5 million by the year 2019. Enrollment in private institutions grew from 3.6 million in 2000 to 5.1 million in 2008, an increase of 44 percent. Private enrollment is projected to reach a high of 5.9 million by 2019, which is an additional 15 percent growth.

North Carolina institutions experienced a headcount enrollment increase of 0.4 percent in 2013. Public institutions showed a 0.3 percent increase, while private enrollments increased this year by 0.7 percent. Enrollments for men increased by 0.7 percent and women increased by 0.1 percent. North Carolina's 2013 part-time enrollment decreased by 9.7 percent while the state's full-time enrollment increased by 3.6 percent.

* Hussar, William J. and Bailey, Tabitha M. ; *Projections of Education Statistics to 2019*; U.S. Department of Education, National Center for Education Statistics, March 2011.

Table 12. Summary of FTE Enrollment

	2013	2012	2011	2010	2009
Public Institutions					
Research Universities I	57,274	57,699	57,787	57,728	56,899
Doctoral Universities I and II	74,284	74,351	74,136	74,135	73,920
Master's (Comprehensive) Universities and Colleges I	62,516	62,237	61,346	61,753	61,494
Baccalaureate (Liberal Arts) Universities and Colleges I and II	5,743	6,099	6,238	6,674	6,545
Schools of Art, Music, and Design	902	870	884	860	863
Community Colleges	154,584	161,490	166,960	170,874	164,172
Private Institutions					
NC Private Universities	9,550	9,360	9,465	9,110	8,955
	364,853	372,106	376,816	381,134	372,848

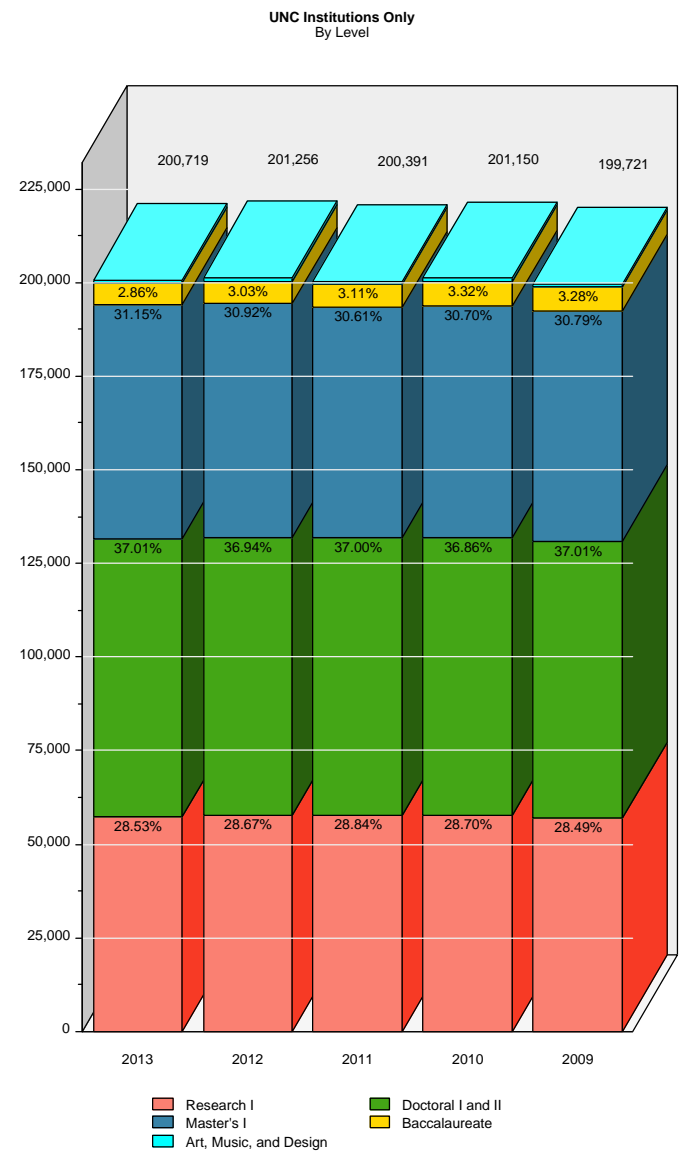
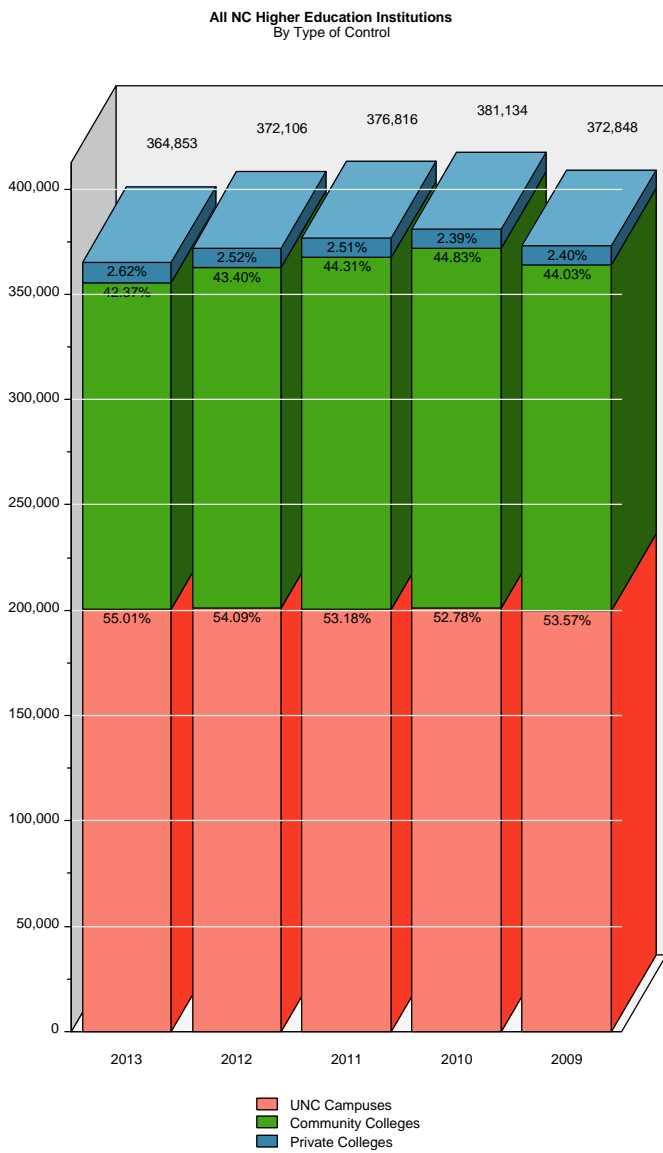


Table 12. FTE Enrollments by Institution

Institution	2013	2012		2011	2010	2009
	On-Campus	Total Public Institutions	On-Campus	On-Campus	On-Campus	On-Campus
Research Universities I						
NC State	29,928	-	30,296	30,638	30,397	29,875
NC State Veterinary Med	357	-	334	312	310	317
UNC-Chapel Hill	22,266	-	22,312	22,167	22,419	22,534
UNC-Chapel Hill Hlth Aff.	4,723	-	4,757	4,670	4,602	4,173
Subtotal	57,274	-	57,699	57,787	57,728	56,899
Doctoral Universities I and II						
East Carolina	21,840	-	21,830	22,352	22,727	22,397
East Carolina Hlth Aff.	2,430	-	2,368	2,236	2,164	2,147
NC A&T	9,844	-	9,859	10,063	9,983	9,792
UNC Charlotte	23,975	-	23,540	22,630	22,286	21,910
UNC Greensboro	16,195	-	16,754	16,855	16,975	17,674
Subtotal	74,284	-	74,351	74,136	74,135	73,920
Master's (Comprehensive) Universities and Colleges I						
Appalachian	17,097	-	16,815	16,654	16,388	16,153
Fayetteville	5,319	-	5,227	5,199	5,036	5,446
NC Central	7,477	-	7,869	7,587	7,813	7,730
UNC Pembroke	5,443	-	5,522	5,477	6,053	5,823
UNC Wilmington	13,106	-	12,871	12,321	12,214	12,060
Western Carolina	9,038	-	8,635	8,343	8,312	8,252
Winston-Salem	5,036	-	5,298	5,765	5,937	6,030
Subtotal	62,516	-	62,237	61,346	61,753	61,494
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	2,301	-	2,720	2,772	3,112	3,078
UNC Asheville	3,442	-	3,379	3,466	3,562	3,467
Subtotal	5,743	-	6,099	6,238	6,674	6,545
Schools of Art, Music, and Design						
UNC School of the Arts	902	(270)	870	884	860	863
Subtotal	902	(270)	870	884	860	863
Community Colleges						
Alamance	3,216	(3,426)	3,430	3,772	3,592	3,570
Asheville-Buncombe	5,798	(6,154)	6,148	5,888	5,670	5,358
Beaufort Co.	1,222	(1,566)	1,312	1,346	1,320	1,312
Bladen	1,116	(1,146)	1,232	1,432	1,612	1,474
Blue Ridge	1,430	(1,810)	1,422	1,540	1,586	1,664
Brunswick	1,050	(1,380)	980	1,020	1,034	1,140
Caldwell	2,404	(3,070)	2,952	3,154	3,060	3,154
Cape Fear	6,468	(7,494)	6,710	6,936	6,896	6,568
Carteret	938	(1,294)	1,066	1,072	1,152	1,170
Catawba Valley	2,730	(3,616)	2,974	3,272	3,542	3,528
Central Carolina	3,726	(3,972)	3,816	3,526	3,874	3,816
Central Piedmont	10,490	(14,176)	10,386	10,888	11,180	10,810
Cleveland	1,800	(2,740)	1,882	2,108	2,364	2,334
Coastal Carolina	2,808	(3,652)	2,902	2,918	3,132	3,050
Coll. of Albemarle	1,220	(2,024)	1,144	1,448	1,482	1,502
Craven	1,820	(2,560)	1,758	1,956	2,000	1,906
Davidson County	3,220	(3,220)	3,318	3,412	3,540	3,368
Durham	3,064	(3,706)	3,218	3,094	3,402	3,196
Edgecombe	1,556	(2,270)	1,698	1,826	2,040	1,890
Fayetteville	9,000	(9,178)	9,028	8,530	8,054	8,018
Forsyth	6,628	(7,190)	6,974	7,404	7,030	6,426
Gaston	4,624	(4,674)	4,850	4,858	5,174	5,218
Guilford	8,404	(10,372)	9,744	10,462	10,630	9,636
Halifax	810	(1,180)	986	1,098	1,186	1,178

Table 12. FTE Enrollments by Institution

Institution	2013		2012	2011	2010	2009
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
Haywood	1,106	(1,760)	1,158	1,308	1,428	1,178
Isothermal	1,338	(1,862)	1,566	1,542	1,842	1,910
James Sprunt	1,124	(1,130)	1,322	1,190	1,124	1,216
Johnston	2,578	(3,576)	2,686	2,852	2,842	2,560
Lenoir	2,288	(2,350)	2,266	2,518	2,670	2,556
Martin	632	(654)	650	712	688	664
Mayland	776	(938)	824	826	840	808
McDowell	964	(964)	1,094	1,096	1,296	1,268
Mitchell	1,854	(2,464)	2,006	2,280	2,302	2,192
Montgomery	658	(690)	680	642	682	686
Nash	2,100	(2,642)	2,050	2,122	2,280	2,010
Pamlico	78	(470)	84	148	178	228
Piedmont	1,230	(1,298)	1,402	1,762	2,024	2,090
Pitt	6,892	(7,392)	6,876	6,260	6,256	5,526
Randolph	1,746	(2,538)	1,686	1,760	1,892	1,690
Richmond	1,846	(1,974)	1,950	1,928	1,756	1,544
Roanoke-Chowan	568	(718)	576	648	594	546
Robeson	1,914	(1,940)	2,462	2,340	2,218	2,320
Rockingham	1,618	(1,618)	1,620	1,888	2,042	2,020
Rowan-Cabarrus	3,714	(5,386)	3,850	4,504	4,990	4,950
Sampson	1,092	(1,234)	1,078	1,150	1,238	1,190
Sandhills	2,486	(3,288)	2,588	2,740	2,898	2,806
South Piedmont	1,058	(1,742)	960	1,102	1,270	1,122
Southeastern	928	(1,274)	1,064	1,228	1,378	1,558
Southwestern	1,298	(1,998)	1,394	1,394	1,478	1,388
Stanly	1,986	(2,134)	2,118	2,376	2,296	2,314
Surry	2,750	(2,768)	2,750	2,808	2,748	2,776
Tri-County	588	(1,132)	674	722	770	744
Vance-Granville	2,802	(2,710)	2,896	3,174	3,092	3,084
Wake	11,074	(15,116)	11,248	10,784	10,394	9,216
Wayne	3,020	(3,266)	2,964	2,836	2,932	2,732
Western Piedmont	1,678	(2,110)	1,778	2,128	2,214	2,322
Wilkes	2,326	(2,456)	2,282	2,286	2,532	2,536
Wilson	932	(1,440)	958	946	1,138	1,136
Subtotal	154,584	(186,902)	161,490	166,960	170,874	164,172
Private Institutions						
NC Private Universities						
Barton	976	-	979	1,067	1,041	1,017
Campbell	5,617	-	5,432	5,426	5,265	5,047
Mars Hill	1,389	-	1,328	1,249	1,139	1,198
Pfeiffer	1,568	-	1,621	1,723	1,665	1,693
Subtotal	9,550	-	9,360	9,465	9,110	8,955
Grand Total	364,853	(187,172)	372,106	376,816	381,134	372,848



Campbell University School of Osteopathic Medicine, Campbell University

Fall 2013 marked a historical moment in North Carolina when Campbell University opened the first and only osteopathic medical school in the state. Responding to the need for primary care physicians in North Carolina, especially in rural areas, this medical school will primarily focus on training community-based osteopathic physicians who work in underserved regions. Doctors of osteopathic medicine practice a whole-person approach, which means they consider both the physical and mental needs of their patients. The 96,500 square foot Leon Levine Hall of Medicine Sciences consists of classrooms, clinical simulation laboratories, small group rooms, as well as student activity and administrative office space.

Interior Space Characteristics

Net-to-Gross Ratio	61
Summary Programs	64
Instruction, Research, and Public Service Subprograms	71
Academic Support Subprograms	78
Student Service and Physical Plant Operations Subprograms	82
Institutional Administrations, Independent Operations & Unassigned Subprograms	86
Assignable Area by Room Code	90
ASF Per Student Stations for Classrooms	98
ASF Per Student Stations for Class Laboratories	102

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TABLE 13:

NET-TO-GROSS RATIO

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

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its building service, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because GSF figures include these structures. The following institutions have parking decks (their gross areas are indicated in parentheses): Cape Fear CC (581,435 sq. ft.), Central Piedmont CC (1,115,530 sq. ft.), Wake Technical CC (350,216), Guilford Technical CC (140,814) Appalachian State University (384,144), UNC at Wilmington (308,801), N. C. State University (2,304,785 sq. ft.), N.C. State Veterinary Medicine, (179,528 sq. ft), UNC at Chapel Hill-Health Affairs (1,707,986 sq. ft.), UNC at Chapel Hill-Academic Affairs (1,245,597 sq. ft.), UNC at Charlotte (2,704,732), UNC at Greensboro (875,642), UNC at Asheville (136,854). Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Cape Fear CC (59.4%), Central Piedmont CC (63%), Wake Technical CC (62.7%), Guilford TCC (65.4%) (N.C. State University (63%), N.C. State Veterinary Medicine, (63.4%), UNC at Chapel Hill-Health Affairs (54.3%), UNC at Chapel Hill Academic Affairs (60.6%), UNC at Charlotte (58.6%), UNC at Greensboro (57.9%), Appalachian State University (62.5%), UNC at Wilmington (62.1%), UNC at Asheville (64%).

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 \$235 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .568. This means that new construction costs are approximately \$414 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$235}{.568} = \$414$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$414 in new construction costs.

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2013	2012	2011	2010	2009
Public Institutions							
Research Universities I							
NC State	16,097,535	8,683,235	53.9	53.3	53.1	54.4	55.5
NC State Veterinary Med	849,240	424,851	50.0	50.2	49.5	64.0	64.1
UNC-Chapel Hill	13,170,370	7,222,629	54.8	54.8	54.9	54.7	56.6
UNC-Chapel Hill Hlth Aff.	6,365,256	2,530,262	39.8	39.8	40.0	39.9	39.9
Subtotal	36,482,401	18,860,977	51.7	51.4	51.3	52.1	53.1
Doctoral Universities I and II							
East Carolina	4,906,467	3,272,813	66.7	68.6	68.4	68.3	68.7
East Carolina Hlth Aff.	1,556,358	827,019	53.1	56.3	56.2	56.1	59.0
NC A&T	3,165,804	2,218,401	70.1	70.1	70.3	70.7	71.5
UNC Charlotte	8,670,875	3,493,311	40.3	40.1	42.4	44.0	44.0
UNC Greensboro	6,053,737	2,997,367	49.5	47.8	49.3	46.1	46.2
Subtotal	24,353,241	12,808,911	52.6	53.0	54.5	54.5	54.9
Master's (Comprehensive) Universities and Colleges I							
Appalachian	4,895,596	2,821,238	57.6	59.1	58.7	58.1	58.6
Fayetteville	1,448,406	892,087	61.6	61.9	61.2	58.7	58.6
NC Central	2,263,733	1,457,852	64.4	64.4	64.4	63.3	63.3
UNC Pembroke	1,551,034	1,023,469	66.0	66.0	66.6	65.0	65.1
UNC Wilmington	3,818,579	2,179,820	57.1	59.7	57.5	57.9	66.8
Western Carolina	3,175,222	2,028,270	63.9	63.8	64.9	64.9	65.1
Winston-Salem	1,732,930	1,114,239	64.3	64.2	61.9	61.9	63.4
Subtotal	18,885,500	11,516,975	61.0	61.9	61.3	60.8	62.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	1,298,136	862,299	66.4	66.4	66.4	67.1	67.6
UNC Asheville	1,523,357	887,132	58.2	58.7	59.5	59.6	59.5
Subtotal	2,821,493	1,749,431	62.0	62.2	62.8	63.2	63.4
Schools of Art, Music, and Design							
UNC School of the Arts	1,052,659	738,551	70.2	70.0	69.9	69.9	69.7
Subtotal	1,052,659	738,551	70.2	70.0	69.9	69.9	69.7
Teaching Hospitals							
UNC Hospitals	2,499,249	1,358,302	54.3	54.3	54.3	54.3	54.3
Subtotal	2,499,249	1,358,302	54.3	54.3	54.3	54.3	54.3
Community Colleges							
Alamance	393,712	238,366	60.5	60.9	60.9	60.7	58.7
Asheville-Buncombe	894,841	511,055	57.1	57.4	57.1	57.1	57.0
Beaufort Co.	270,733	189,556	70.0	70.0	71.2	71.1	71.1
Bladen	150,920	110,946	73.5	74.6	75.3	75.3	75.5
Blue Ridge	401,360	290,314	72.3	72.3	72.2	72.1	71.6
Brunswick	389,291	254,175	65.3	65.4	65.9	64.7	64.7
Caldwell	490,265	340,713	69.5	69.5	69.2	69.1	69.1
Cape Fear	1,616,235	614,635	38.0	53.3	53.4	62.5	62.8
Carteret	236,630	167,124	70.6	70.6	69.6	69.6	69.6
Catawba Valley	566,125	365,292	64.5	64.5	64.5	69.2	69.2
Central Carolina	585,654	404,568	69.1	69.7	69.7	70.2	70.8
Central Piedmont	3,163,892	1,289,900	40.8	40.6	40.3	40.5	44.9
Cleveland	301,108	207,079	68.8	68.8	67.4	67.4	67.4
Coastal Carolina	331,906	218,626	65.9	67.9	68.0	68.0	68.0
Coll. of Albemarle	404,088	272,245	67.4	63.4	63.4	62.7	63.0
Craven	315,007	210,443	66.8	66.1	66.0	65.9	66.3
Davidson County	455,455	310,482	68.2	68.2	67.9	67.7	67.1
Durham	510,737	343,071	67.2	67.1	67.1	67.3	68.8
Edgecombe	245,878	169,084	68.8	69.0	68.7	68.7	68.7
Fayetteville	935,889	630,851	67.4	67.4	68.3	68.1	68.8
Forsyth	964,500	668,782	69.3	69.6	69.3	69.3	67.6
Gaston	714,567	475,497	66.5	65.9	66.3	66.8	66.8

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2013	2012	2011	2010	2009
Guilford	1,493,391	884,897	59.3	59.3	67.3	67.5	67.0
Halifax	275,321	187,362	68.1	68.1	68.1	68.1	68.1
Haywood	355,826	253,015	71.1	73.7	73.4	73.1	75.1
Isothermal	356,005	241,215	67.8	67.7	66.8	66.9	66.9
James Sprunt	166,650	117,674	70.6	70.9	70.9	70.9	71.7
Johnston	470,046	338,241	72.0	72.1	72.1	70.8	70.7
Lenoir	430,249	322,942	75.1	75.3	75.3	73.2	73.1
Martin	229,431	170,782	74.4	74.4	74.4	74.4	74.4
Mayland	159,916	113,020	70.7	71.9	72.4	70.6	72.3
McDowell	159,319	117,076	73.5	73.5	73.5	73.5	73.1
Mitchell	400,529	268,212	67.0	67.0	67.0	68.3	68.2
Montgomery	129,642	92,421	71.3	71.3	70.2	70.0	70.4
Nash	262,731	175,598	66.8	66.8	65.4	65.4	65.4
Pamlico	86,035	55,243	64.2	64.2	64.2	64.5	64.5
Piedmont	182,713	143,109	78.3	77.6	77.6	77.6	77.6
Pitt	582,222	376,412	64.7	64.7	63.9	64.1	64.5
Randolph	392,622	293,984	74.9	75.7	75.6	75.4	76.0
Richmond	253,209	177,786	70.2	70.1	70.5	70.5	70.7
Roanoke-Chowan	167,421	117,209	70.0	70.0	70.0	70.0	70.0
Robeson	279,660	201,239	72.0	72.0	72.1	69.2	70.2
Rockingham	327,731	230,981	70.5	70.8	70.8	70.8	70.4
Rowan-Cabarrus	518,864	378,353	72.9	73.3	73.3	73.1	74.9
Sampson	199,414	139,057	69.7	69.7	69.7	69.7	69.8
Sandhills	495,633	321,663	64.9	65.5	66.0	66.0	66.6
South Piedmont	404,558	322,160	79.6	76.2	58.7	75.6	75.6
Southeastern	247,000	183,591	74.3	72.3	72.4	72.3	72.5
Southwestern	294,802	203,835	69.1	69.1	71.3	71.0	71.0
Stanly	208,656	147,199	70.5	70.5	70.5	70.8	71.0
Surry	445,655	313,753	70.4	70.7	69.8	70.7	70.7
Tri-County	153,889	117,608	76.4	76.4	76.4	76.6	75.7
Vance-Granville	406,209	264,751	65.2	63.2	63.2	62.8	63.0
Wake	1,703,651	848,436	49.8	55.0	54.5	63.3	64.6
Wayne	402,962	255,443	63.4	63.5	62.3	62.2	62.2
Western Piedmont	398,912	287,293	72.0	72.1	71.9	72.0	72.0
Wilkes	410,580	298,201	72.6	72.6	71.8	71.7	72.0
Wilson	209,319	143,403	68.5	69.3	69.3	69.3	69.4
Subtotal	27,999,566	17,385,968	62.1	63.5	63.6	64.6	65.6
Private Institutions							
NC Private Universities							
Barton	495,166	350,454	70.8	70.8	70.8	70.8	70.8
Campbell	1,649,014	1,122,004	68.0	68.8	68.8	69.2	69.6
Mars Hill	804,814	543,596	67.5	68.0	68.0	68.0	68.0
Pfeiffer	558,149	373,986	67.0	67.0	66.9	70.0	70.3
Subtotal	3,507,143	2,390,040	68.1	68.6	68.6	69.3	69.5
Grand Total	117,601,252	66,809,155	56.8	57.3	57.5	57.9	58.9

TABLE 14:

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

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

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

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

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

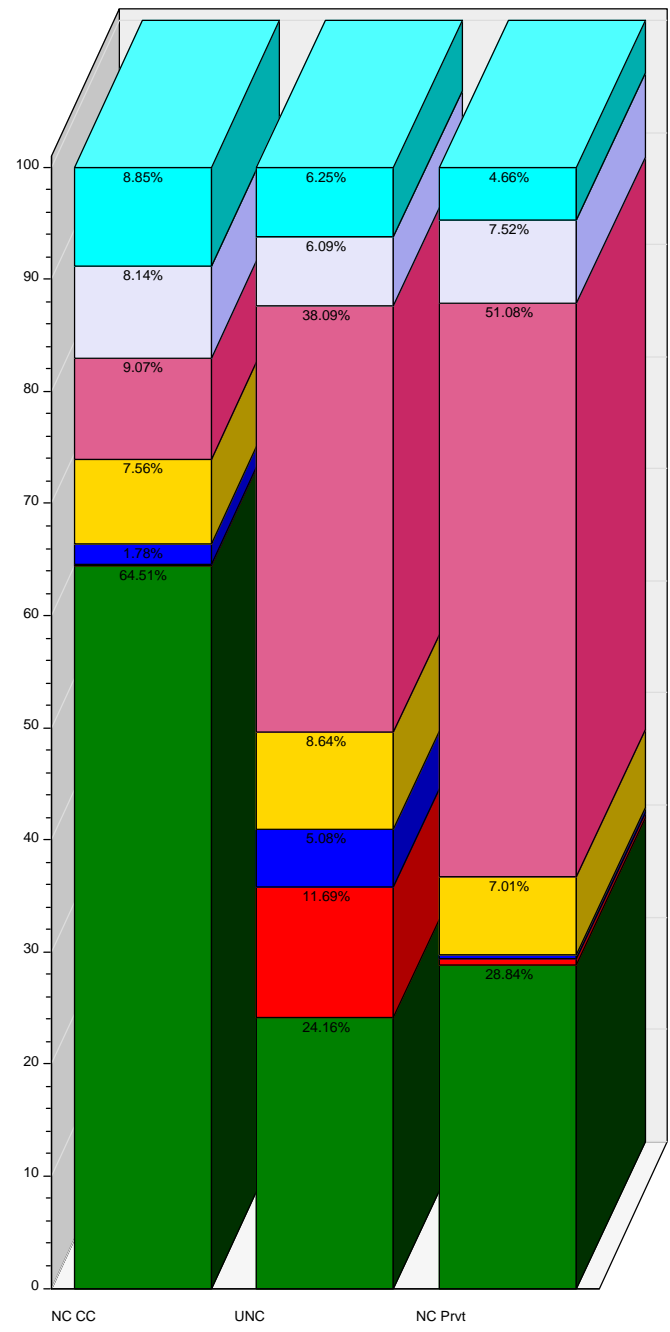
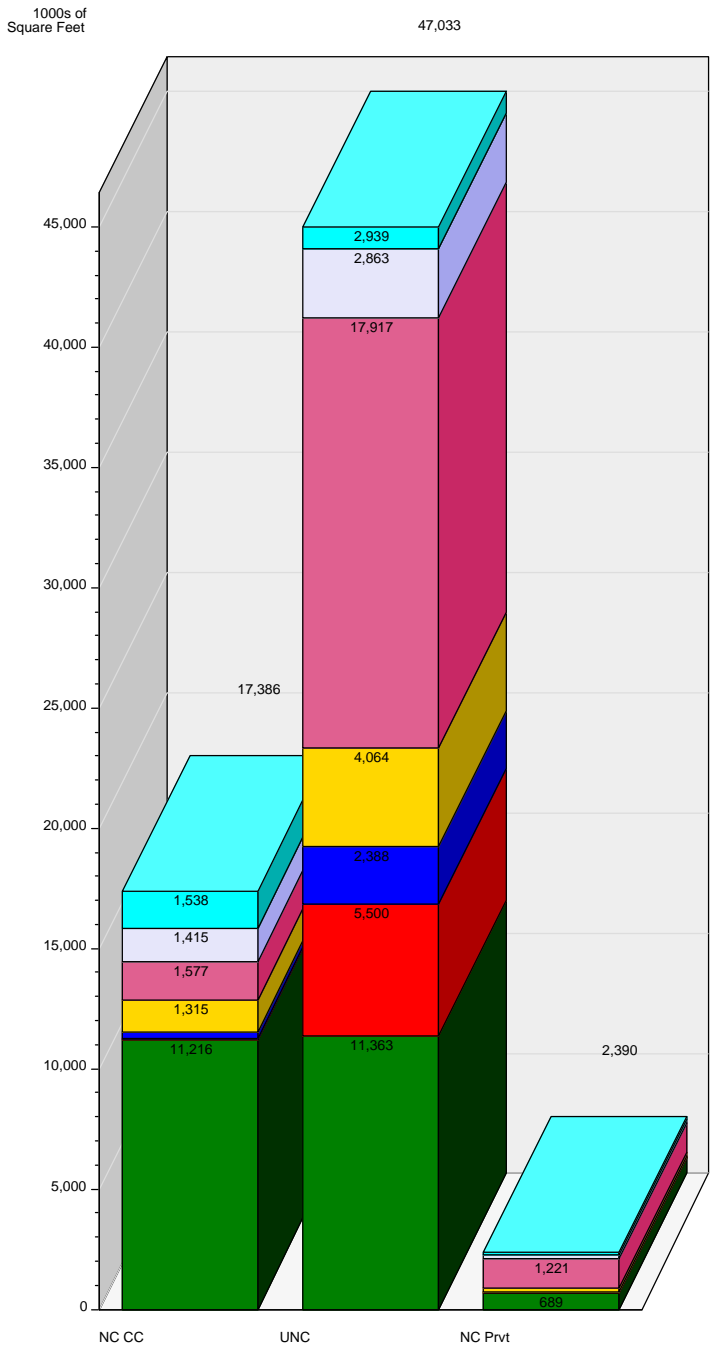
PROGRAM DEFINITIONS

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

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

- 80** **Student Financial Support Program.** This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.
- 90** **Independent Operations Program.** Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.
- 00** **Unassigned.** Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

Percentage Distribution of Assignable Area by Summary Programs



- Instruction
- Research
- Public Service
- Academic Support
- Student Services
- Inst. Admin.
- Other

- Instruction
- Research
- Public Service
- Academic Support
- Student Services
- Inst. Admin.
- Other

Table 14. Percentage Distribution of Assignable Area by Summary Programs

	Assignable Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Public Institutions										
Research Universities I										
NC State	8,683,235	18.7	29.3	3.9	7.3	28.4	5.7	1.3	2.0	3.3
NC State Veterinary Med	424,851	23.6	32.4	29.4	6.9	1.5	0.4	5.2	0.7	0.0
UNC-Chapel Hill	7,222,629	21.5	7.5	0.6	11.0	47.9	5.8	3.4	0.8	1.4
UNC-Chapel Hill Hlth Aff.	2,530,262	24.7	46.8	10.1	9.0	0.8	2.1	0.3	1.5	4.8
Subtotal	18,860,977	20.7	23.4	4.1	9.0	31.5	5.2	2.1	1.5	2.7
Doctoral Universities I and II										
East Carolina	3,272,813	28.7	2.3	0.7	6.5	42.6	5.6	3.0	1.4	9.3
East Carolina Hlth Aff.	827,019	26.1	21.3	31.4	12.2	-	4.7	3.2	-	1.1
NC A&T	2,218,401	35.6	7.0	1.1	13.1	29.8	11.5	1.4	0.0	0.4
UNC Charlotte	3,493,311	26.2	7.0	0.3	9.6	50.0	4.4	0.9	-	1.6
UNC Greensboro	2,997,367	22.5	5.9	0.4	10.5	45.4	7.6	2.3	0.2	5.3
Subtotal	12,808,911	27.6	6.5	2.6	9.8	40.3	6.7	2.0	0.4	4.2
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,821,238	27.4	0.6	2.7	5.6	54.2	4.8	1.6	2.3	0.9
Fayetteville	892,087	34.3	1.8	0.1	11.2	34.7	4.8	1.4	1.2	10.5
NC Central	1,457,852	35.1	2.5	0.6	7.6	36.1	6.5	0.7	1.3	9.6
UNC Pembroke	1,023,469	27.7	0.2	0.2	9.4	52.6	8.0	1.9	-	0.0
UNC Wilmington	2,179,820	21.2	5.4	0.9	8.1	54.0	7.5	1.1	-	1.9
Western Carolina	2,028,270	23.7	1.5	0.2	10.2	51.2	7.1	2.9	1.0	2.2
Winston-Salem	1,114,239	25.3	1.9	1.0	8.8	50.6	7.1	1.1	0.8	3.3
Subtotal	11,516,975	26.9	2.1	1.1	8.2	49.3	6.4	1.6	1.1	3.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	862,299	33.3	0.3	2.2	5.5	48.5	6.1	0.9	-	3.1
UNC Asheville	887,132	24.0	1.6	1.5	10.1	51.7	4.4	4.6	2.0	0.0
Subtotal	1,749,431	28.6	1.0	1.8	7.8	50.1	5.3	2.8	1.0	1.6
Schools of Art, Music, and Design										
UNC School of the Arts	738,551	42.5	-	3.4	4.5	34.0	7.0	1.9	0.3	6.5
Subtotal	738,551	42.5	-	3.4	4.5	34.0	7.0	1.9	0.3	6.5
Teaching Hospitals										
UNC Hospitals	1,358,302	1.0	0.5	81.8	-	-	10.8	1.8	1.0	3.1
Subtotal	1,358,302	1.0	0.5	81.8	-	-	10.8	1.8	1.0	3.1
Community Colleges										
Alamance	238,366	72.9	-	1.2	7.4	7.2	9.6	1.6	0.1	0.0
Asheville-Buncombe	511,055	63.7	-	2.0	5.3	6.3	7.4	1.7	9.9	3.7
Beaufort Co.	189,556	66.4	-	3.1	6.8	8.2	9.3	3.3	2.8	0.0
Bladen	110,946	62.9	-	0.6	8.5	14.0	7.8	5.5	0.7	0.0
Blue Ridge	290,314	63.4	-	0.0	6.4	15.1	5.3	3.9	5.9	0.0
Brunswick	254,175	40.5	-	1.0	3.5	7.0	7.1	2.8	31.7	6.4
Caldwell	340,713	67.0	-	0.0	5.8	11.7	4.5	4.3	6.7	0.1
Cape Fear	614,635	64.7	0.0	0.0	7.0	10.2	9.6	3.2	4.1	1.1
Carteret	167,124	74.4	-	-	6.9	7.8	9.0	0.9	1.0	0.0
Catawba Valley	365,292	71.0	-	-	7.5	6.5	7.5	-	5.3	2.2
Central Carolina	404,568	78.3	-	1.0	4.2	7.2	4.6	0.1	4.6	0.1
Central Piedmont	1,289,900	69.2	-	2.3	6.0	7.1	8.3	3.2	1.2	2.8
Cleveland	207,079	70.9	-	1.9	11.6	5.9	8.5	1.1	0.1	0.1
Coastal Carolina	218,626	74.4	-	0.1	11.1	6.2	6.1	2.1	-	0.0
Coll. of Albemarle	272,245	68.1	-	9.3	6.1	6.8	8.4	1.2	0.0	0.1
Craven	210,443	68.6	-	3.1	9.7	4.5	8.7	0.6	4.8	0.0
Davidson County	310,482	61.1	-	2.6	10.5	6.8	13.6	3.7	1.8	0.0
Durham	343,071	63.5	-	-	9.6	4.3	8.1	11.9	2.6	0.0
Edgecombe	169,084	57.8	-	12.7	8.7	8.5	7.0	1.3	4.0	0.0
Fayetteville	630,851	67.1	-	1.2	9.8	8.6	10.8	2.4	0.1	0.0
Forsyth	668,782	68.2	-	1.4	7.6	7.0	7.9	1.7	2.9	3.1

Table 14. Percentage Distribution of Assignable Area by Summary Programs

	Assignable Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Gaston	475,497	68.9	3.1	-	6.2	8.8	7.4	0.6	5.0	0.1
Guilford	884,897	65.4	-	0.7	7.0	6.1	7.8	2.5	1.1	9.5
Halifax	187,362	54.1	-	13.9	8.2	9.0	8.8	2.4	3.5	0.0
Haywood	253,015	60.1	-	0.8	6.7	9.7	10.7	3.8	1.9	6.3
Isothermal	241,215	65.3	-	9.4	6.9	5.6	7.5	3.1	2.2	0.0
James Sprunt	117,674	60.0	-	2.9	13.4	9.7	8.3	3.4	1.2	1.1
Johnston	338,241	62.4	-	0.4	10.6	13.0	9.0	3.6	0.9	0.0
Lenoir	322,942	66.1	-	1.4	7.4	9.4	5.9	2.7	7.0	0.0
Martin	170,782	45.1	-	1.4	7.9	38.7	3.8	2.3	0.6	0.0
Mayland	113,020	58.8	-	1.9	9.8	10.5	8.1	3.7	6.9	0.2
McDowell	117,076	64.3	-	1.7	6.5	7.2	9.7	5.0	5.6	0.0
Mitchell	268,212	60.4	-	0.1	7.4	15.6	10.3	1.3	1.9	3.1
Montgomery	92,421	65.4	-	0.3	9.3	11.1	9.1	2.3	2.6	0.0
Nash	175,598	67.7	-	0.3	7.4	7.9	7.2	1.0	8.5	0.0
Pamlico	55,243	67.2	-	0.8	10.7	7.7	8.7	3.8	1.1	0.0
Piedmont	143,109	58.6	-	4.2	6.7	13.7	13.4	3.2	0.2	0.0
Pitt	376,412	71.0	-	-	8.7	8.5	6.6	4.6	0.0	0.6
Randolph	293,984	64.0	-	-	3.6	8.5	15.8	0.4	6.1	1.6
Richmond	177,786	52.3	-	17.2	8.0	6.0	7.9	0.7	1.4	6.5
Roanoke-Chowan	117,209	43.3	-	2.3	9.6	14.4	8.6	3.6	18.3	0.0
Robeson	201,239	62.3	-	0.2	6.7	12.3	9.7	1.0	7.4	0.4
Rockingham	230,981	66.6	-	1.4	7.4	9.3	7.5	0.8	4.8	2.2
Rowan-Cabarrus	378,353	58.6	-	2.3	11.0	10.1	7.4	3.1	1.5	6.1
Sampson	139,057	64.0	-	0.9	10.1	9.0	7.4	2.2	6.3	0.0
Sandhills	321,663	70.1	-	-	7.6	13.4	6.8	0.8	1.4	0.0
South Piedmont	322,160	38.7	-	4.4	4.2	7.7	6.8	0.9	6.1	31.0
Southeastern	183,591	61.4	-	1.5	9.5	12.9	6.2	1.4	1.1	6.1
Southwestern	203,835	61.3	-	2.5	9.4	12.6	9.3	1.5	2.4	1.0
Stanly	147,199	62.7	-	0.6	6.7	10.1	12.2	3.0	4.6	0.1
Surry	313,753	75.9	-	-	7.5	6.1	5.6	1.3	3.6	0.0
Tri-County	117,608	69.4	-	0.1	8.6	7.9	13.8	0.2	-	0.0
Vance-Granville	264,751	56.2	-	8.2	8.7	8.3	7.7	1.0	2.9	7.1
Wake	848,436	70.0	-	-	6.6	8.9	6.8	2.2	1.3	4.2
Wayne	255,443	63.3	-	0.0	12.5	8.6	6.8	4.6	4.3	0.0
Western Piedmont	287,293	52.9	-	-	7.9	8.6	6.8	2.4	4.0	17.5
Wilkes	298,201	52.9	-	0.1	7.9	19.7	6.6	7.0	5.4	0.4
Wilson	143,403	66.7	-	0.4	7.2	8.7	14.7	2.3	-	0.0
Subtotal	17,385,968	64.5	0.1	1.8	7.6	9.1	8.1	2.5	3.5	2.8
Private Institutions										
NC Private Universities										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,122,004	27.8	1.1	-	6.4	55.2	5.8	2.3	1.3	0.1
Mars Hill	543,596	29.1	-	1.3	7.2	52.1	6.0	1.8	0.1	2.4
Pfeiffer	373,986	27.8	-	0.4	6.9	42.6	11.6	2.1	-	8.6
Subtotal	2,390,040	28.8	0.5	0.4	7.0	51.1	7.5	2.0	0.6	2.0
Grand Total	66,809,155	34.8	8.3	4.1	8.3	31.0	6.7	2.1	1.7	3.1

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TABLE 14a:

INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

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

- 11 **General Academic Instruction.** This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.
- 12 **Vocational/Technical Instruction.** This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.
- 13 **Requisite Preparatory/Remedial Instruction.** This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.
- 14 **General Studies.** This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).
- 15 **Occupational-Related Instruction.** This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.
- 16 **Social Roles/Interaction Instruction.** This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

- 17 **Home and Family Life Instruction.** This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.
- 18 **Personal Interest and Leisure Instruction.** This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or vocational pursuits or to improve his or her day-to-day living skills.
- 21 **Institutes and Research Centers.** This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)
- 22 **Individual or Project Research.** This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.
- 31 **Direct Patient Care.** This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.
- 32 **Health Care Supportive Services.** This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.
- 33 **Community Services.** This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

- 34** **Cooperative Extension Services.** This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.
- 35** **Public Broadcasting Services.** This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

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

	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
Public Institutions								
Research Universities I								
NC State	18.5	-	-	0.2	-	-	-	-
NC State Veterinary Med	23.6	-	-	-	-	-	-	-
UNC-Chapel Hill	20.7	-	-	0.5	0.3	-	-	-
UNC-Chapel Hill Hlth Aff.	24.1	-	0.0	0.1	0.4	-	-	-
Subtotal	20.2	-	0.0	0.3	0.2	-	-	-
Doctoral Universities I and II								
East Carolina	28.7	-	0.0	-	-	-	-	-
East Carolina Hlth Aff.	26.1	-	0.0	-	-	-	-	-
NC A&T	35.6	-	-	-	-	-	-	-
UNC Charlotte	26.1	-	-	-	0.1	-	-	-
UNC Greensboro	22.4	-	0.0	-	0.0	-	-	-
Subtotal	27.5	-	0.0	-	0.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	27.4	-	-	-	-	-	-	-
Fayetteville	34.1	-	-	0.3	-	-	-	-
NC Central	35.1	-	-	-	-	-	-	-
UNC Pembroke	27.7	-	-	-	-	-	-	-
UNC Wilmington	21.2	-	-	0.0	-	-	-	-
Western Carolina	23.3	-	-	0.2	-	-	-	0.3
Winston-Salem	25.1	-	0.2	-	-	-	-	-
Subtotal	26.8	-	0.0	0.0	-	-	-	0.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	32.7	-	0.3	0.2	-	-	-	-
UNC Asheville	23.6	-	-	0.3	-	-	-	0.1
Subtotal	28.1	-	0.2	0.2	-	-	-	0.1
Schools of Art, Music, and Design								
UNC School of the Arts	42.5	-	-	-	-	-	-	-
Subtotal	42.5	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
Subtotal	0.5	-	-	0.5	-	-	-	-
Community Colleges								
Alamance	10.4	47.8	-	8.1	6.5	0.1	-	-
Asheville-Buncombe	13.4	38.3	1.3	4.0	5.1	0.7	-	0.9
Beaufort Co.	1.3	51.4	1.5	1.1	11.1	-	-	-
Bladen	13.1	48.5	-	0.6	0.6	-	-	-
Blue Ridge	18.7	39.4	0.7	0.9	3.7	-	-	0.0
Brunswick	0.3	28.9	-	9.3	1.3	-	-	0.6
Caldwell	12.6	40.1	1.5	10.8	2.0	-	-	-
Cape Fear	12.1	46.8	0.1	3.3	2.5	-	-	-
Carteret	4.2	67.1	0.1	1.7	0.8	-	-	0.6
Catawba Valley	19.5	40.7	2.7	2.5	5.6	-	-	0.0
Central Carolina	5.2	62.2	3.9	4.7	2.3	-	-	-
Central Piedmont	22.7	37.0	0.2	2.8	6.5	-	-	-
Cleveland	10.5	56.1	0.7	1.9	0.6	-	1.1	-
Coastal Carolina	26.9	33.9	0.9	1.8	11.0	-	-	-
Coll. of Albemarle	23.2	30.4	0.3	7.5	6.6	-	-	-
Craven	19.7	41.3	2.2	1.7	3.7	-	-	-
Davidson County	23.6	32.0	2.3	1.6	1.5	-	0.1	-
Durham	1.5	54.0	0.8	6.0	1.2	-	-	-
Edgecombe	2.8	46.6	0.1	4.3	3.9	0.1	-	-
Fayetteville	3.7	47.3	-	6.8	8.6	-	0.6	0.1

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

	General Academic Instruction	Vocational Technical Instruction	Preparatory Remedial Instruction	General Studies	Occupational Related Instruction	Social Roles Instruction	Home & Family Life	Personal Leisure Instruction
	11	12	13	14	15	16	17	18
Forsyth	12.7	48.8	1.3	1.0	2.4	-	0.2	2.0
Gaston	21.0	35.0	1.0	6.2	5.5	0.1	-	-
Guilford	3.7	50.3	2.0	4.1	5.1	-	-	0.2
Halifax	12.5	39.7	0.0	1.5	0.4	-	-	-
Haywood	0.1	51.5	0.1	0.9	4.4	-	-	3.0
Isothermal	22.6	30.0	0.9	9.7	1.3	-	-	0.8
James Sprunt	13.4	37.2	0.5	5.8	3.1	-	-	-
Johnston	-	55.4	0.5	1.3	5.3	-	-	-
Lenoir	15.3	33.7	3.0	11.9	1.0	-	-	1.1
Martin	8.1	26.5	2.1	4.1	3.4	-	-	0.9
Mayland	6.3	40.0	1.4	5.7	5.4	-	-	-
McDowell	7.2	48.0	0.6	3.7	4.8	-	-	-
Mitchell	28.2	17.3	0.1	11.1	3.5	-	-	0.3
Montgomery	10.3	48.9	3.6	-	2.5	-	-	-
Nash	18.0	34.8	-	1.5	12.2	1.2	-	-
Pamlico	16.3	39.8	-	2.6	8.4	-	-	-
Piedmont	2.3	46.9	1.4	5.6	2.4	-	-	-
Pitt	17.9	46.4	1.4	2.1	2.5	0.7	-	0.1
Randolph	4.1	46.2	0.2	7.8	5.7	-	-	-
Richmond	3.5	40.4	0.1	8.0	0.3	-	-	-
Roanoke-Chowan	7.0	30.1	1.6	0.9	3.2	0.5	-	-
Robeson	8.4	40.6	0.1	7.6	5.7	-	-	-
Rockingham	26.0	32.7	1.4	0.2	6.2	-	-	-
Rowan-Cabarrus	7.1	43.5	1.0	3.5	3.3	-	-	0.2
Sampson	0.6	54.1	1.8	3.9	1.7	0.8	1.1	0.1
Sandhills	27.0	29.0	1.1	2.5	10.4	-	-	-
South Piedmont	4.4	30.0	1.9	1.5	1.0	-	-	-
Southeastern	18.2	26.0	4.8	1.5	11.0	-	-	-
Southwestern	19.9	29.0	1.8	1.1	9.4	-	-	-
Stanly	-	46.5	4.1	0.1	12.0	-	-	-
Surry	21.8	33.2	0.3	3.9	16.7	-	-	-
Tri-County	9.5	53.3	1.3	0.8	3.8	-	0.0	0.6
Vance-Granville	16.6	30.9	1.4	5.3	0.5	0.4	-	1.1
Wake	19.0	37.8	-	5.9	7.1	-	-	0.2
Wayne	9.5	46.3	-	7.0	0.4	-	-	-
Western Piedmont	22.8	17.6	-	12.0	0.5	-	-	-
Wilkes	17.3	29.3	-	3.9	2.3	-	-	-
Wilson	5.3	43.0	9.7	3.4	5.3	-	-	-
Subtotal	13.2	40.8	1.1	4.3	4.7	0.1	0.1	0.3
Private Institutions								
NC Private Universities								
Barton	32.7	-	-	-	-	-	-	-
Campbell	27.8	-	-	-	-	-	-	-
Mars Hill	29.1	-	-	-	-	-	-	-
Pfeiffer	27.8	-	-	-	-	-	-	-
Subtotal	28.8	-	-	-	-	-	-	-
Grand Total	21.3	10.6	0.3	1.2	1.3	0.0	0.0	0.1

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Public Institutions							
Research Universities I							
NC State	6.0	23.3	-	0.0	2.3	1.6	0.0
NC State Veterinary Med	-	32.4	16.5	12.9	-	-	-
UNC-Chapel Hill	0.3	7.2	0.0	0.1	0.4	0.0	0.1
UNC-Chapel Hill Hlth Aff.	2.2	44.6	4.2	5.5	0.4	0.1	-
Subtotal	3.2	20.2	0.9	1.1	1.3	0.8	0.1
Doctoral Universities I and II							
East Carolina	1.2	1.1	-	0.1	0.6	-	0.0
East Carolina Hlth Aff.	-	21.3	20.6	10.1	0.7	-	-
NC A&T	2.4	4.6	-	-	0.3	0.7	0.1
UNC Charlotte	3.1	3.9	-	-	0.3	-	-
UNC Greensboro	-	5.9	0.3	-	0.1	-	-
Subtotal	1.6	4.9	1.4	0.7	0.3	0.1	0.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	0.2	0.5	0.4	-	2.3	-	-
Fayetteville	-	1.8	-	-	0.1	-	0.0
NC Central	1.3	1.1	-	-	0.2	-	0.4
UNC Pembroke	-	0.2	-	-	0.2	-	-
UNC Wilmington	2.8	2.6	-	-	0.9	-	-
Western Carolina	0.8	0.7	-	-	0.2	-	0.0
Winston-Salem	-	1.9	-	-	1.0	-	0.0
Subtotal	0.9	1.2	0.1	-	0.9	-	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	0.3	-	-	1.9	-	0.3
UNC Asheville	0.3	1.3	-	-	1.5	-	-
Subtotal	0.2	0.8	-	-	1.7	-	0.2
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	3.4	-	-
Subtotal	-	-	-	-	3.4	-	-
Teaching Hospitals							
UNC Hospitals	-	0.5	33.4	48.4	-	-	-
Subtotal	-	0.5	33.4	48.4	-	-	-
Community Colleges							
Alamance	-	-	-	-	1.2	-	-
Asheville-Buncombe	-	-	-	-	1.3	0.7	-
Beaufort Co.	-	-	-	-	3.1	-	0.0
Bladen	-	-	-	-	0.6	-	-
Blue Ridge	-	-	-	-	0.0	-	-
Brunswick	-	-	-	-	1.0	-	-
Caldwell	-	-	-	-	0.0	-	-
Cape Fear	-	0.0	-	-	0.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	0.6	0.4	-	-
Central Piedmont	-	-	-	-	-	-	2.3
Cleveland	-	-	-	-	1.9	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
Coll. of Albemarle	-	-	-	-	9.3	-	-
Craven	-	-	-	-	1.8	-	1.3
Davidson County	-	-	-	-	2.6	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	12.7	-	-
Fayetteville	-	-	-	-	1.2	-	-

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Forsyth	-	-	-	-	0.6	-	0.8
Gaston	-	3.1	-	-	-	-	-
Guilford	-	-	-	-	0.7	-	-
Halifax	-	-	-	-	13.9	-	-
Haywood	-	-	-	-	0.8	-	-
Isothermal	-	-	-	-	8.2	-	1.2
James Sprunt	-	-	-	-	2.9	-	-
Johnston	-	-	-	-	0.4	-	-
Lenoir	-	-	-	-	1.4	-	-
Martin	-	-	-	-	1.4	-	-
Mayland	-	-	-	-	1.9	-	-
McDowell	-	-	-	-	1.7	-	-
Mitchell	-	-	-	-	0.1	-	-
Montgomery	-	-	-	-	0.3	-	-
Nash	-	-	-	-	0.3	-	-
Pamlico	-	-	-	-	0.8	-	-
Piedmont	-	-	-	-	4.2	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	-	-	-
Richmond	-	-	-	-	17.2	-	-
Roanoke-Chowan	-	-	-	-	2.3	-	-
Robeson	-	-	-	-	0.1	0.1	-
Rockingham	-	-	-	-	1.4	-	-
Rowan-Cabarrus	-	-	-	-	2.1	0.2	-
Sampson	-	-	-	-	0.9	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	4.4	-	-
Southeastern	-	-	-	-	0.8	-	0.7
Southwestern	-	-	-	-	2.5	-	-
Stanly	-	-	-	-	0.6	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	0.1	-	-
Vance-Granville	-	-	-	1.4	6.8	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	0.0	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	0.1	0.0	-	-
Wilson	-	-	-	-	0.4	-	-
Subtotal	-	0.1	-	0.0	1.5	0.0	0.2
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	1.1	-	-	-	-	-
Mars Hill	-	-	-	-	1.3	-	-
Pfeiffer	-	-	-	-	0.4	-	-
Subtotal	-	0.5	-	-	0.4	-	-
Grand Total	1.4	6.9	1.2	1.4	1.1	0.2	0.1

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

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

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

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

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

Table 14b. Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Public Institutions								
Research Universities I								
NC State	3.9	0.1	0.5	0.3	0.1	2.4	-	0.0
NC State Veterinary Med	2.9	-	1.0	0.4	-	2.7	-	-
UNC-Chapel Hill	8.4	0.5	0.1	0.5	0.1	1.3	0.0	0.2
UNC-Chapel Hill Hlth Aff.	2.5	0.0	0.0	0.1	2.2	4.1	0.0	0.0
Subtotal	5.4	0.2	0.3	0.4	0.4	2.2	0.0	0.1
Doctoral Universities I and II								
East Carolina	5.5	0.2	0.1	0.0	-	0.6	-	-
East Carolina Hlth Aff.	8.9	-	0.5	-	0.0	2.7	-	-
NC A&T	5.2	0.7	0.1	0.3	3.9	3.0	-	-
UNC Charlotte	5.7	0.0	0.2	0.5	-	3.2	0.0	-
UNC Greensboro	4.3	0.9	0.4	0.3	0.7	4.0	-	0.0
Subtotal	5.4	0.4	0.2	0.3	0.8	2.6	0.0	0.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3.7	-	0.3	0.3	0.3	0.9	-	-
Fayetteville	7.4	0.2	0.5	0.7	0.7	1.6	-	-
NC Central	4.3	0.3	0.1	0.4	0.5	1.8	-	0.2
UNC Pembroke	3.6	0.7	0.2	0.3	-	4.5	-	0.0
UNC Wilmington	5.2	0.2	-	0.6	-	2.0	-	0.0
Western Carolina	5.9	0.9	0.1	0.1	0.6	2.5	-	0.2
Winston-Salem	3.9	1.1	0.2	0.5	0.2	2.9	-	-
Subtotal	4.8	0.4	0.2	0.4	0.3	2.1	-	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	3.8	0.1	-	0.4	0.5	0.8	-	-
UNC Asheville	7.7	0.4	0.8	0.9	-	0.4	-	0.0
Subtotal	5.7	0.2	0.4	0.6	0.3	0.6	-	0.0
Schools of Art, Music, and Design								
UNC School of the Arts	2.5	0.2	0.0	0.0	0.1	1.7	-	-
Subtotal	2.5	0.2	0.0	0.0	0.1	1.7	-	-
Teaching Hospitals								
UNC Hospitals	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	4.6	0.4	-	-	1.0	1.5	-	-
Asheville-Buncombe	3.9	-	0.5	0.2	0.5	0.2	-	-
Beaufort Co.	4.7	-	0.8	0.1	-	1.2	-	-
Bladen	6.1	-	-	-	-	2.5	-	-
Blue Ridge	4.1	0.0	0.7	-	-	1.2	-	0.4
Brunswick	2.4	-	0.3	0.2	-	0.6	-	-
Caldwell	3.8	-	0.7	-	-	1.2	-	-
Cape Fear	4.9	0.0	0.5	0.0	0.9	0.8	-	-
Carteret	3.8	-	-	-	1.7	1.5	-	-
Catawba Valley	4.9	0.1	0.9	0.5	0.1	0.8	-	-
Central Carolina	3.5	-	0.2	-	0.1	0.4	-	-
Central Piedmont	4.3	0.1	0.4	0.2	-	0.7	0.0	0.2
Cleveland	6.9	0.2	3.0	-	-	1.4	-	-
Coastal Carolina	7.5	-	0.1	0.1	-	3.3	-	-
Coll. of Albemarle	4.3	0.3	-	-	-	1.5	-	-
Craven	7.4	-	-	0.0	-	2.2	-	-
Davidson County	7.5	-	0.2	-	2.0	0.8	-	-
Durham	4.5	-	0.4	0.1	-	4.1	0.4	0.1
Edgecombe	6.2	-	0.6	0.4	-	1.4	0.1	-
Fayetteville	3.8	0.1	1.2	0.1	1.9	2.6	-	-

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
Forsyth	2.7	-	0.7	0.4	-	3.4	0.1	0.3
Gaston	3.2	0.5	0.4	0.1	0.7	1.4	-	-
Guilford	3.2	-	0.3	0.0	2.1	1.5	-	-
Halifax	5.4	-	-	-	1.6	1.2	-	-
Haywood	5.6	0.2	0.0	0.1	-	0.9	-	-
Isothermal	4.4	-	-	-	-	2.5	-	-
James Sprunt	6.6	0.5	0.1	2.6	-	3.6	-	0.1
Johnston	7.1	0.9	0.7	-	1.4	0.7	-	-
Lenoir	5.1	0.9	0.1	0.0	-	1.4	-	-
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	7.5	-	0.6	-	-	1.8	-	-
McDowell	4.4	0.4	-	-	-	1.7	-	-
Mitchell	4.0	0.3	0.9	-	-	2.2	-	-
Montgomery	9.0	-	-	-	-	0.3	-	-
Nash	6.0	0.3	-	-	-	1.0	-	0.0
Pamlico	8.9	-	0.3	-	-	1.6	-	-
Piedmont	4.4	-	0.3	0.1	0.3	1.6	-	-
Pitt	5.7	-	0.1	0.1	0.6	2.2	-	-
Randolph	2.6	-	0.2	0.0	-	0.8	-	-
Richmond	6.0	-	0.7	0.4	-	0.9	-	-
Roanoke-Chowan	8.1	-	-	-	-	1.5	-	-
Robeson	5.5	-	0.1	-	-	1.2	-	-
Rockingham	4.3	0.9	-	-	1.2	1.0	-	-
Rowan-Cabarrus	6.0	-	0.5	1.7	0.2	2.4	0.2	0.0
Sampson	8.8	-	-	0.1	-	1.2	-	-
Sandhills	5.7	0.4	0.6	-	0.5	0.4	-	-
South Piedmont	3.0	-	0.4	-	-	0.8	-	-
Southeastern	5.7	0.2	1.1	0.4	1.6	0.6	-	-
Southwestern	4.4	-	0.4	0.4	1.4	2.9	-	-
Stanly	4.9	-	1.1	0.1	-	0.5	-	-
Surry	6.9	-	0.0	0.1	-	0.5	-	-
Tri-County	5.1	-	-	0.1	2.3	1.2	-	-
Vance-Granville	4.3	-	-	-	2.3	2.1	-	-
Wake	4.5	-	0.6	-	1.1	0.4	-	-
Wayne	7.7	-	1.1	0.6	1.4	1.6	0.1	-
Western Piedmont	5.2	-	0.2	0.1	-	2.4	-	-
Wilkes	6.0	0.1	0.1	-	1.0	0.8	-	-
Wilson	4.8	-	0.2	-	-	2.2	-	-
Subtotal	4.8	0.1	0.4	0.1	0.6	1.4	0.0	0.0
Private Institutions								
NC Private Universities								
Barton	6.9	0.7	0.4	-	-	0.7	-	-
Campbell	4.3	0.4	0.5	0.1	0.1	1.0	0.0	0.0
Mars Hill	4.7	0.8	1.1	-	-	0.5	-	-
Pfeiffer	6.0	-	0.0	-	-	0.8	-	0.1
Subtotal	5.0	0.5	0.6	0.0	0.0	0.8	0.0	0.0
Grand Total	5.0	0.3	0.3	0.3	0.5	1.9	0.0	0.0

TABLE 14c:

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

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

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

- 51 **Student Service Administration.** This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.
- 52 **Social and Cultural Development.** This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.
- 53 **Counseling and Career Guidance.** This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.
- 54 **Financial Aid Administration.** This subprogram includes those administrative activities carried out in support of the institution's financial aid program.
- 55 **Student Auxiliary Services.** This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.
- 56 **Intercollegiate Athletics.** This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.
- 57 **Student Health/Medical Services.** This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

- 71 **Physical Plant Administration.** This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.
- 72 **Building Maintenance.** This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.
- 73 **Custodial Services.** This subprogram consists of those activities related to custodial services in institutional buildings.
- 74 **Utilities.** This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.
- 75 **Landscape and Ground Maintenance.** This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.
- 76 **Major Repairs and Renovations.** This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Table 14c. Student Service and Physical Plant Operations Subprograms

	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter- coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Public Institutions												
Research Universities I												
NC State	0.2	2.3	0.1	0.1	20.4	4.7	0.5	0.1	0.4	0.1	0.2	0.4
NC State Veterinary Med	-	-	-	-	1.5	-	-	0.0	3.4	0.2	1.1	0.4
UNC-Chapel Hill	0.6	3.1	0.3	0.1	32.8	10.5	0.5	0.3	0.8	0.4	1.0	0.6
UNC-Chapel Hill Hlth Aff.	0.3	0.0	0.0	0.0	0.5	-	-	-	0.0	0.1	0.1	0.0
Subtotal	0.4	2.2	0.2	0.1	22.1	6.2	0.4	0.2	0.5	0.2	0.5	0.4
Doctoral Universities I and II												
East Carolina	0.1	7.2	0.1	0.1	30.1	4.5	0.3	0.4	1.7	0.1	0.0	0.5
East Carolina Hlth Aff.	-	-	-	-	-	-	-	-	-	0.1	3.1	-
NC A&T	0.2	2.9	0.5	0.3	24.3	1.5	0.3	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	1.3	5.8	0.3	0.1	37.6	4.4	0.4	0.3	0.5	0.1	0.0	-
UNC Greensboro	0.2	3.1	0.3	0.2	38.7	2.1	0.8	0.1	0.9	0.0	0.7	0.3
Subtotal	0.5	4.6	0.3	0.1	31.2	3.1	0.4	0.3	0.9	0.1	0.4	0.2
Master's (Comprehensive) Universities and Colleges I												
Appalachian	-	10.9	0.3	0.3	37.3	4.9	0.5	0.5	0.9	-	0.2	-
Fayetteville	0.7	3.0	0.5	0.0	26.4	3.4	0.5	0.4	0.2	0.1	0.2	0.5
NC Central	0.6	3.4	0.8	0.3	28.0	2.7	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	5.4	0.3	0.4	43.5	2.1	0.3	0.6	0.7	0.3	0.2	0.1
UNC Wilmington	0.8	6.7	0.4	-	41.4	4.4	0.4	0.3	0.2	0.2	0.2	0.2
Western Carolina	0.1	10.2	0.5	0.1	36.8	3.3	0.3	2.3	0.4	0.0	0.1	0.1
Winston-Salem	0.1	4.7	0.3	0.2	40.9	3.6	0.7	0.2	0.4	0.3	0.1	0.2
Subtotal	0.3	7.3	0.4	0.2	36.8	3.8	0.4	0.7	0.5	0.1	0.2	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.1	5.4	0.1	0.2	40.4	1.7	0.6	0.5	0.4	-	0.1	-
UNC Asheville	0.3	11.9	0.3	0.0	31.5	7.5	0.2	-	2.3	0.0	2.3	-
Subtotal	0.2	8.7	0.2	0.1	35.9	4.6	0.4	0.2	1.4	0.0	1.2	-
Schools of Art, Music, and Design												
UNC School of the Arts	0.1	9.9	0.2	0.4	22.8	-	0.6	0.4	0.4	-	-	0.9
Subtotal	0.1	9.9	0.2	0.4	22.8	-	0.6	0.4	0.4	-	-	0.9
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Subtotal	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Community Colleges												
Alamance	0.1	2.2	0.2	0.5	4.3	-	-	-	1.6	-	-	-
Asheville-Buncombe	0.9	0.8	0.7	0.5	3.4	-	-	0.6	0.2	0.5	-	0.0
Beaufort Co.	1.2	1.4	0.8	0.5	4.4	-	-	-	3.3	-	-	-
Bladen	0.4	8.0	0.9	0.2	4.6	-	-	-	3.1	0.4	0.2	1.7
Blue Ridge	0.3	9.6	1.4	-	3.8	-	-	-	2.2	0.6	-	1.0
Brunswick	0.4	0.7	0.1	0.3	5.4	-	0.0	-	2.4	0.2	-	0.1
Caldwell	0.0	7.5	1.2	0.2	2.7	-	-	0.0	4.2	-	-	0.0
Cape Fear	3.3	1.7	1.9	0.4	2.9	-	-	0.2	2.6	0.4	-	-
Carteret	0.7	2.0	1.8	0.1	3.0	-	-	0.7	-	0.1	-	0.1
Catawba Valley	0.1	3.8	0.9	0.0	1.6	-	-	-	-	-	-	-
Central Carolina	0.4	1.9	0.4	0.0	4.5	-	-	-	-	0.1	-	-
Central Piedmont	1.5	3.1	0.1	0.4	2.0	-	-	0.2	2.4	0.2	-	0.4
Cleveland	0.3	3.1	-	0.4	2.1	-	-	0.1	1.0	0.1	-	-
Coastal Carolina	0.1	1.4	1.0	0.1	3.5	-	-	0.3	1.8	0.1	-	-
Coll. of Albemarle	1.8	2.4	0.4	0.8	1.4	-	-	-	1.2	-	-	-
Craven	0.1	2.2	0.4	-	1.9	-	-	-	0.4	0.3	-	-
Davidson County	0.2	0.4	1.5	-	4.7	-	-	0.0	3.6	-	0.0	-
Durham	0.7	0.7	1.4	0.3	1.2	-	-	0.8	10.3	0.2	-	0.5
Edgecombe	0.6	6.1	0.2	0.3	1.3	-	-	0.7	0.6	0.0	-	-
Fayetteville	1.0	3.2	0.9	0.2	3.3	-	0.1	0.5	1.1	0.3	0.0	0.5

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
Forsyth	0.4	1.6	1.0	0.3	3.8	0.0	-	0.0	0.8	0.2	0.7	0.0
Gaston	0.8	3.9	0.6	0.4	3.2	-	0.0	-	0.3	0.1	0.0	0.2
Guilford	0.1	2.0	0.8	0.1	2.9	0.1	0.0	0.3	1.2	0.5	0.1	0.4
Halifax	0.4	2.7	0.7	0.7	4.5	-	-	0.1	2.4	-	-	-
Haywood	0.2	5.6	0.3	0.2	3.4	-	-	1.0	1.6	0.2	-	1.1
Isothermal	0.1	2.8	0.7	0.1	1.9	-	-	0.3	2.1	0.4	0.3	-
James Sprunt	1.2	2.1	2.1	1.1	3.2	-	-	-	3.3	0.1	-	-
Johnston	0.5	5.2	1.4	0.7	5.2	-	-	0.0	2.5	0.2	-	0.9
Lenoir	-	6.5	0.1	0.3	1.9	0.7	-	0.3	2.0	-	-	0.4
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	-	-	-	3.6	0.1	-	-
McDowell	0.4	-	1.3	0.1	5.4	-	-	-	2.9	-	-	2.1
Mitchell	1.1	6.3	1.5	0.5	6.1	-	-	0.1	1.1	0.2	-	-
Montgomery	0.7	4.5	1.1	0.3	4.4	-	-	0.1	1.8	0.1	-	0.3
Nash	1.1	0.0	0.9	0.2	5.6	-	-	-	1.0	-	-	-
Pamlico	1.5	-	1.5	0.2	4.5	-	-	-	3.8	-	-	-
Piedmont	3.3	0.7	2.7	0.2	6.7	-	-	-	2.4	0.1	-	0.8
Pitt	0.9	4.1	1.1	0.1	2.1	0.1	-	4.6	-	-	-	-
Randolph	0.9	1.3	0.8	0.6	4.9	-	-	0.2	0.0	0.2	-	-
Richmond	0.3	2.9	1.2	0.1	1.5	-	0.1	-	0.6	0.1	-	-
Roanoke-Chowan	-	10.2	1.2	0.2	2.7	-	-	-	-	-	-	3.6
Robeson	0.3	6.4	0.8	0.7	4.1	-	-	0.1	0.8	0.1	-	-
Rockingham	0.3	4.8	1.1	0.3	2.8	-	-	0.0	0.5	0.1	-	0.2
Rowan-Cabarrus	1.3	0.6	2.5	0.3	5.4	-	-	0.1	2.8	0.1	-	-
Sampson	0.1	3.1	1.0	0.1	4.7	-	-	0.1	2.1	-	-	-
Sandhills	0.1	4.9	1.0	0.3	7.1	-	-	-	0.4	0.1	-	0.3
South Piedmont	0.5	4.2	0.8	0.1	2.1	-	-	0.0	0.9	0.0	-	-
Southeastern	-	6.8	2.7	0.3	3.1	-	-	0.3	1.0	-	-	-
Southwestern	0.2	6.9	1.5	0.6	3.5	-	-	-	1.4	0.0	-	-
Stanly	1.2	2.9	0.9	0.5	4.7	-	-	0.1	2.9	-	-	-
Surry	0.5	0.7	0.5	0.2	4.1	0.1	-	0.0	1.3	-	-	-
Tri-County	0.5	4.4	0.9	0.2	1.8	-	-	-	-	-	0.2	-
Vance-Granville	1.1	-	2.6	0.6	4.0	0.1	-	0.1	0.8	-	-	-
Wake	0.6	1.5	2.1	0.3	4.4	0.1	-	0.3	1.9	-	-	-
Wayne	0.2	4.3	0.6	0.4	3.0	-	0.1	-	4.6	-	-	-
Western Piedmont	1.1	1.6	0.5	0.2	5.0	0.2	-	0.1	0.9	0.4	-	0.9
Wilkes	0.2	16.4	1.2	0.3	1.6	-	-	2.3	0.5	0.3	-	3.9
Wilson	0.3	3.8	1.0	0.7	2.9	-	-	0.7	1.5	0.2	-	-
Subtotal	0.7	3.6	1.0	0.3	3.4	0.0	0.0	0.3	1.7	0.2	0.0	0.3
Private Institutions												
NC Private Universities												
Barton	0.6	5.5	0.5	0.3	33.8	4.2	0.5	0.4	0.8	0.1	-	0.4
Campbell	0.3	4.1	0.4	0.2	41.1	8.9	0.2	0.1	2.0	0.1	-	0.1
Mars Hill	0.0	11.9	0.0	0.1	37.2	2.2	0.5	0.4	1.3	-	-	-
Pfeiffer	0.1	7.9	0.1	0.3	31.1	3.0	0.2	0.1	1.9	0.1	-	-
Subtotal	0.2	6.7	0.3	0.2	37.6	5.7	0.3	0.2	1.7	0.1	-	0.1
Grand Total	0.5	4.3	0.5	0.2	22.0	3.3	0.3	0.3	1.0	0.1	0.3	0.3

TABLE 14d:

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

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

- 61 **Executive Management.** This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.
- 62 **Financial Management and Operations.** This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.
- 63 **General Administration and Logistical Services.** This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.
- 64 **Administrative Computing Support.** This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.
- 65 **Faculty and Staff Auxiliary Services.** This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.
- 66 **Public Relations/Development.** This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.
- 67 **Student Recruitment and Admissions.** This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

- 68** **Student Records.** This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.
- 91** **Independent Operations/Institutional.** This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.
- 92** **Independent Operations/External Agencies.** This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.
- 01** **Capable of Use.** This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.
- 02** **Incapable of Use.** This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms which are under or in need of alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

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

	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
Public Institutions												
Research Universities I												
NC State	0.4	0.2	2.3	1.1	0.9	0.6	0.1	0.0	0.0	2.0	0.8	2.4
NC State Veterinary Med	-	-	0.1	0.2	0.1	-	-	-	-	0.7	-	-
UNC-Chapel Hill	0.3	0.7	2.4	1.3	0.3	0.8	0.2	0.0	0.3	0.5	0.9	0.5
UNC-Chapel Hill Hlth Aff.	0.1	0.3	1.4	0.2	0.1	0.0	0.0	0.0	0.9	0.6	2.6	2.1
Subtotal	0.3	0.4	2.2	1.1	0.5	0.6	0.1	0.0	0.3	1.2	1.1	1.6
Doctoral Universities I and II												
East Carolina	0.7	0.8	1.9	1.2	0.3	0.5	0.2	0.1	-	1.4	0.2	9.2
East Carolina Hlth Aff.	-	0.2	3.1	0.5	-	0.8	-	0.1	-	-	0.5	0.6
NC A&T	0.6	0.5	8.5	0.7	0.5	0.4	0.2	0.1	-	0.0	0.2	0.3
UNC Charlotte	0.4	0.4	1.4	0.4	0.6	0.6	0.3	0.2	-	-	0.0	1.6
UNC Greensboro	0.4	0.3	3.8	1.2	0.5	0.9	0.3	0.1	-	0.2	0.2	5.0
Subtotal	0.5	0.5	3.4	0.8	0.4	0.6	0.2	0.1	-	0.4	0.2	4.0
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.3	0.4	2.1	0.4	0.5	0.5	0.3	0.2	2.0	0.2	-	0.9
Fayetteville	1.1	0.8	1.5	0.1	0.9	0.3	0.1	0.1	0.1	1.1	4.8	5.6
NC Central	0.7	0.4	2.9	0.7	0.8	0.6	0.3	0.1	0.2	1.1	1.2	8.5
UNC Pembroke	0.5	0.5	4.7	0.1	1.2	0.6	0.2	0.2	-	-	-	-
UNC Wilmington	0.7	0.6	3.5	0.7	0.6	0.7	0.4	0.4	-	-	-	1.9
Western Carolina	0.5	0.4	0.8	0.6	3.1	0.9	0.3	0.3	0.5	0.5	0.0	2.2
Winston-Salem	0.8	0.9	2.0	0.6	1.9	0.6	0.2	0.1	0.6	0.2	0.9	2.4
Subtotal	0.6	0.5	2.4	0.5	1.3	0.6	0.3	0.2	0.7	0.4	0.6	2.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.7	0.5	1.5	0.9	2.0	0.2	0.2	0.2	-	-	0.3	2.9
UNC Asheville	0.8	0.8	0.5	0.0	0.8	0.4	1.1	0.0	-	2.0	0.0	-
Subtotal	0.8	0.6	1.0	0.4	1.4	0.3	0.6	0.1	-	1.0	0.2	1.4
Schools of Art, Music, and Design												
UNC School of the Arts	0.4	0.2	2.2	0.4	1.8	1.4	0.3	0.3	0.3	-	3.8	2.7
Subtotal	0.4	0.2	2.2	0.4	1.8	1.4	0.3	0.3	0.3	-	3.8	2.7
Teaching Hospitals												
UNC Hospitals	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
Subtotal	0.6	3.7	4.3	1.6	0.5	0.1	-	-	-	1.0	0.7	2.3
Community Colleges												
Alamance	1.7	1.0	3.8	0.8	1.0	0.4	0.2	0.6	-	0.1	-	-
Asheville-Buncombe	1.1	1.5	2.0	1.2	0.4	0.2	0.5	0.6	-	9.9	2.5	1.2
Beaufort Co.	1.5	1.7	3.1	0.3	0.9	1.0	0.4	0.3	-	2.8	-	-
Bladen	1.4	1.8	3.0	-	0.0	0.1	-	1.5	-	0.7	-	-
Blue Ridge	1.4	0.7	1.1	1.1	0.2	0.1	-	0.6	-	5.9	-	-
Brunswick	1.4	0.9	2.9	0.7	0.4	0.2	0.3	0.3	24.0	7.7	0.0	6.4
Caldwell	1.5	0.8	1.1	0.4	0.1	0.1	0.4	0.1	-	6.7	0.1	-
Cape Fear	2.3	2.0	2.7	0.6	0.6	0.6	0.6	0.3	-	4.1	0.9	0.2
Carteret	2.8	0.6	4.0	0.8	0.4	0.3	0.1	0.1	-	1.0	-	-
Catawba Valley	1.4	2.8	2.0	0.1	0.3	0.1	0.6	0.4	-	5.3	1.8	0.4
Central Carolina	1.9	0.4	1.0	0.4	0.4	0.1	0.0	0.3	4.6	-	0.1	-
Central Piedmont	0.6	0.8	2.7	2.2	0.1	0.4	1.1	0.3	0.1	1.1	-	2.8
Cleveland	1.1	2.1	2.9	0.2	1.1	0.9	0.0	0.2	-	0.1	0.1	-
Coastal Carolina	0.4	0.8	3.7	0.6	0.3	0.1	-	0.2	-	-	-	-
Coll. of Albemarle	1.0	1.1	3.0	0.9	1.1	0.5	0.5	0.2	-	0.0	0.1	-
Craven	1.6	1.3	2.2	1.0	-	0.2	1.6	0.7	-	4.8	-	-
Davidson County	0.8	0.8	9.7	-	1.7	0.5	-	0.2	-	1.8	-	-
Durham	1.1	0.6	2.0	1.2	0.8	0.6	1.4	0.5	-	2.6	-	-
Edgecombe	1.2	0.8	2.9	0.4	0.2	0.6	0.4	0.4	0.2	3.8	-	-
Fayetteville	1.5	1.2	4.6	1.0	0.2	0.2	1.7	0.4	-	0.1	-	-

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 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
Forsyth	1.3	0.9	3.1	0.9	0.7	0.3	0.5	0.3	-	2.9	1.9	1.2
Gaston	0.5	0.6	3.9	1.1	0.7	0.0	0.4	0.3	-	5.0	0.1	-
Guilford	0.5	1.2	4.7	0.7	0.3	0.1	0.3	0.1	-	1.1	1.2	8.3
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	3.5	-	-
Haywood	0.6	0.8	2.0	1.8	4.8	0.2	0.3	0.2	-	1.9	1.0	5.3
Isothermal	1.0	0.8	4.6	0.5	0.1	-	0.1	0.4	-	2.2	-	-
James Sprunt	1.3	3.5	0.4	1.7	0.3	0.7	-	0.3	-	1.2	1.1	-
Johnston	1.0	1.4	4.2	0.6	1.0	0.5	0.2	0.3	-	0.9	-	-
Lenoir	0.7	1.1	1.2	0.8	0.6	0.2	1.1	0.3	-	7.0	-	-
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	0.3	0.5	0.3	-	6.9	-	0.2
McDowell	0.7	1.1	3.9	1.7	1.9	0.1	-	0.3	-	5.6	-	-
Mitchell	2.4	1.8	3.0	1.7	0.8	-	0.6	-	-	1.9	0.3	2.7
Montgomery	4.7	1.1	1.3	1.2	-	0.3	0.1	0.3	-	2.6	-	-
Nash	0.9	0.6	3.7	0.5	0.6	0.3	0.3	0.3	8.5	-	-	-
Pamlico	3.6	1.9	0.8	2.3	-	-	-	0.2	-	1.1	-	-
Piedmont	2.3	1.0	7.2	0.5	1.8	0.2	0.0	0.3	-	0.2	-	-
Pitt	0.6	0.8	2.7	1.0	0.4	0.6	0.1	0.4	-	0.0	0.6	-
Randolph	0.4	0.6	13.3	0.7	0.4	0.4	-	0.0	1.3	4.8	-	1.6
Richmond	2.7	0.7	3.2	0.1	0.3	0.3	0.1	0.5	-	1.4	-	6.5
Roanoke-Chowan	1.2	1.1	4.5	0.9	-	-	0.5	0.4	-	18.3	-	-
Robeson	1.5	0.6	3.9	1.3	0.5	-	1.3	0.7	0.2	7.2	0.4	-
Rockingham	1.0	0.8	2.3	1.0	1.2	0.3	0.5	0.4	-	4.8	2.2	-
Rowan-Cabarrus	2.4	0.9	2.5	1.1	0.1	0.0	0.1	0.3	-	1.5	0.9	5.1
Sampson	1.7	1.5	2.4	0.8	-	0.2	0.1	0.7	-	6.3	-	-
Sandhills	0.6	0.7	1.0	0.8	2.3	0.9	0.3	0.3	-	1.4	-	-
South Piedmont	2.0	0.9	2.3	0.7	0.1	0.5	0.1	0.2	-	6.1	0.1	30.9
Southeastern	1.1	0.8	2.7	0.8	0.1	0.1	0.1	0.5	-	1.1	4.6	1.4
Southwestern	0.9	1.0	3.5	1.8	0.2	0.8	0.8	0.4	-	2.4	1.0	-
Stanly	4.5	1.3	3.1	1.3	0.2	0.1	0.9	1.0	-	4.6	0.0	0.1
Surry	0.9	0.6	2.0	1.4	0.1	0.2	0.2	0.2	-	3.6	-	-
Tri-County	1.7	0.7	10.3	0.9	-	-	0.1	0.2	-	-	-	-
Vance-Granville	0.9	0.7	3.5	0.9	0.6	0.4	0.3	0.3	-	2.9	1.8	5.3
Wake	0.8	0.3	2.8	1.1	0.2	0.2	0.9	0.5	-	1.3	0.1	4.1
Wayne	1.6	0.6	1.6	0.8	1.2	0.0	0.7	0.2	0.4	3.9	-	-
Western Piedmont	1.3	0.6	1.6	1.4	0.2	1.0	0.3	0.4	-	4.0	14.5	2.9
Wilkes	1.0	0.5	3.3	0.7	-	0.2	0.7	0.2	3.0	2.3	-	0.4
Wilson	3.2	1.5	5.6	0.7	2.3	0.5	0.6	0.3	-	-	-	-
Subtotal	1.3	1.0	3.2	1.0	0.6	0.3	0.5	0.3	0.6	2.9	0.7	2.1
Private Institutions												
NC Private Universities												
Barton	0.9	0.7	1.4	0.7	3.9	2.2	1.0	0.4	-	-	0.4	-
Campbell	0.5	0.3	0.6	0.4	2.5	0.3	1.0	0.1	0.4	0.9	0.0	0.1
Mars Hill	0.8	0.2	0.7	0.6	1.4	1.7	0.2	0.2	0.1	-	0.1	2.3
Pfeiffer	0.5	0.7	1.9	0.6	6.8	0.4	0.6	0.2	-	-	8.3	0.4
Subtotal	0.6	0.4	1.0	0.5	3.1	0.9	0.8	0.2	0.2	0.4	1.4	0.6
Grand Total	0.7	0.7	2.7	0.9	0.8	0.5	0.3	0.2	0.4	1.3	0.7	2.4

TABLE 15:

ASSIGNABLE AREA BY ROOM CODE

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed which includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on pp. 91-92; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth edition). This updated manual incorporates the codes and definitions presented in the 2006 national Postsecondary Education Facilities Inventory and Classification Manual.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions, which represent the Community College System, because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

<u>Room Use Code</u>	<u>HEGIS Norm (%)</u>	<u>All N.C. Institutions 2013 (%)</u>
Classroom (Series 100)	8.0	9.8
Laboratory (Series 200)	14.5	17.0
Office(Series 300)	13.0	20.8
Study (Series 400)	6.8	5.5
Special Use (Series 500)	8.9	9.1
General Use (Series 600)	12.0	10.8
Support (Series 700)	6.5	4.8
Health Care (Series 800)	1.4	1.9
Residential (Series 900)	26.7	17.6
Unclassified (Series 000)	2.2	2.6

Room Use Codes

100 Classroom Facilities

- 110 Classroom
- 115 Classroom Service

200 Laboratory Facilities

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

300 Office Facilities

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

400 Study Facilities

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

500 Special Use Facilities

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

- 590 Other (All Purpose)

600 General Use Facilities

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

700 Support Facilities

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

800 Health Care Facilities

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

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

900 Residential Facilities

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

000 Unclassified Facilities

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

Percentage Distribution of Assignable Square Footage by Room Codes

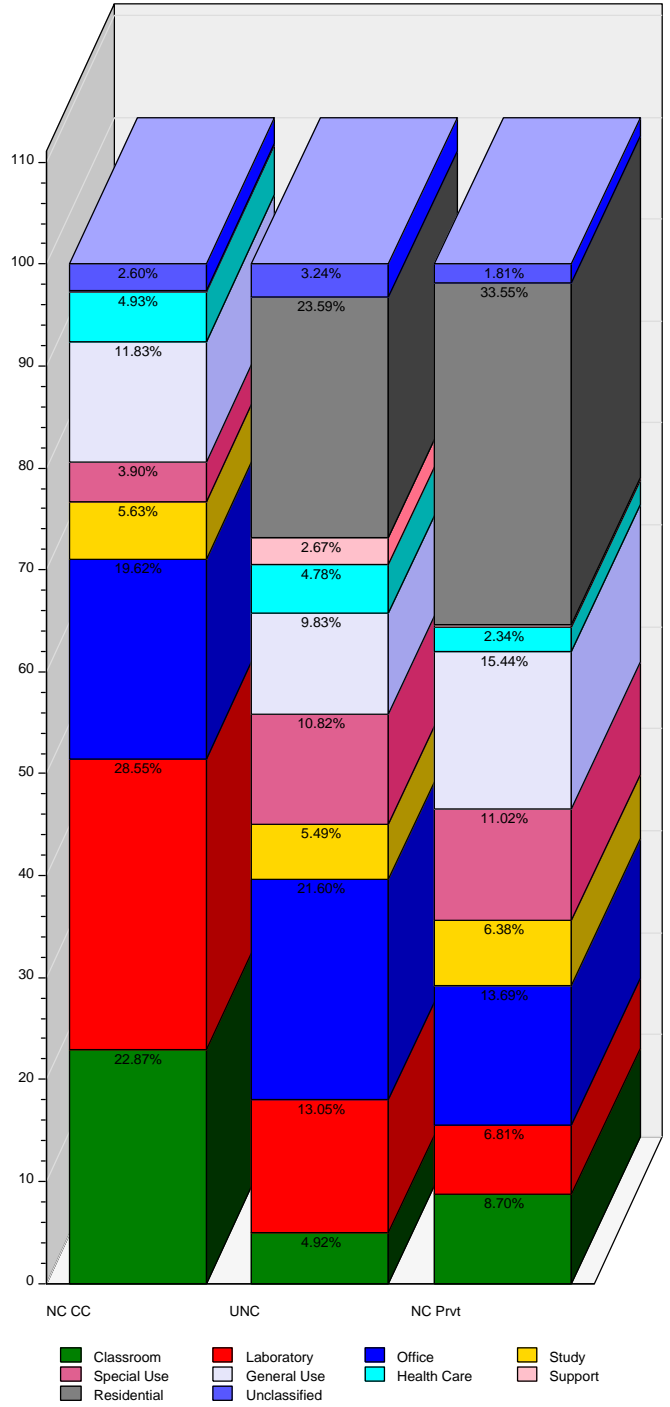
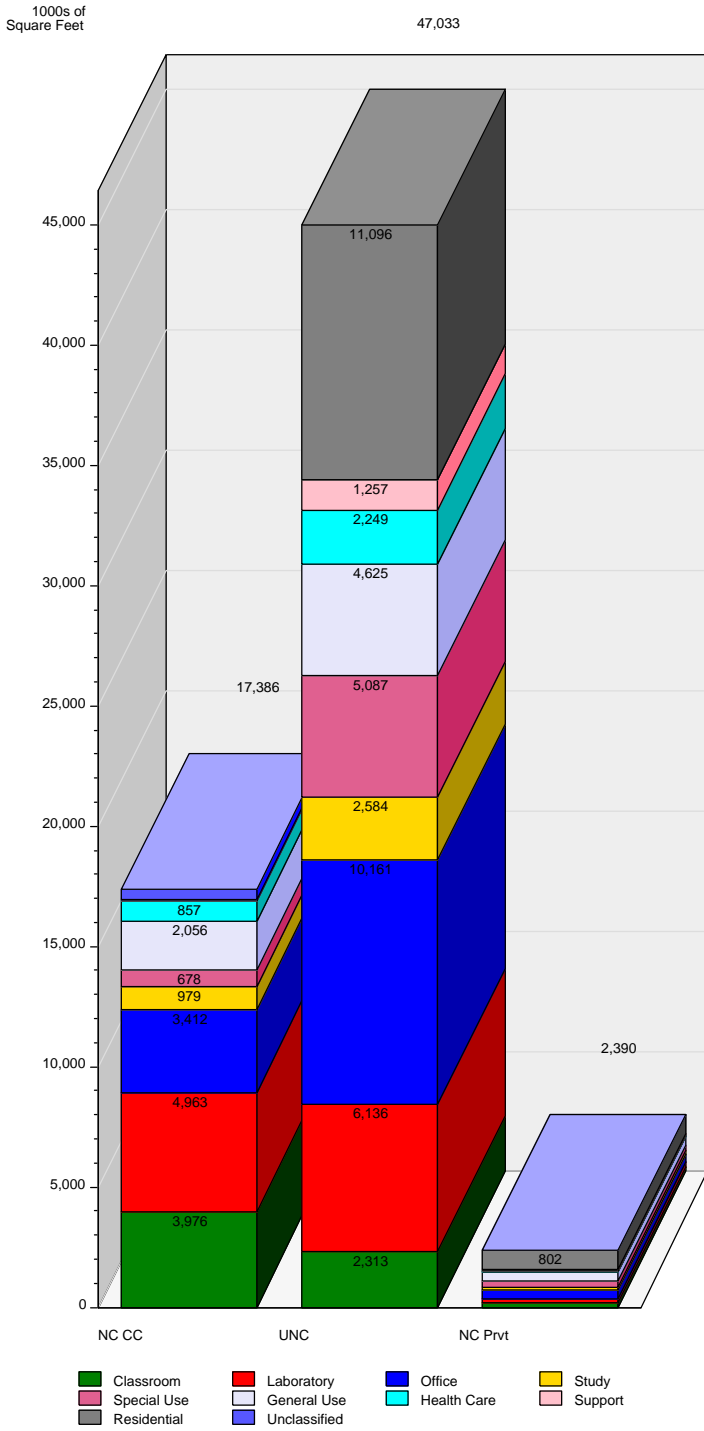


Table 15. Assignable Area by Room Codes

Institution	Total Assignable Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions									
Research Universities I									
NC State	8,683,235	262,765	3.0	1,606,003	18.5	1,840,590	21.2	348,337	4.0
NC State Veterinary Med	424,851	8,139	1.9	102,754	24.2	83,162	19.6	11,186	2.6
UNC-Chapel Hill	7,222,629	282,124	3.9	615,754	8.5	1,560,582	21.6	636,794	8.8
UNC-Chapel Hill Hlth Aff.	2,530,262	77,021	3.0	714,002	28.2	1,078,642	42.6	76,697	3.0
Subtotal	18,860,977	630,049	3.3	3,038,513	16.1	4,562,976	24.2	1,073,014	5.7
Doctoral Universities I and II									
East Carolina	3,272,813	189,011	5.8	321,066	9.8	646,646	19.8	208,647	6.4
East Carolina Hlth Aff.	827,019	44,262	5.4	162,026	19.6	310,377	37.5	64,369	7.8
NC A&T	2,218,401	146,166	6.6	323,014	14.6	426,690	19.2	133,315	6.0
UNC Charlotte	3,493,311	230,093	6.6	541,503	15.5	744,071	21.3	224,225	6.4
UNC Greensboro	2,997,367	153,508	5.1	326,763	10.9	608,588	20.3	136,819	4.6
Subtotal	12,808,911	763,040	6.0	1,674,372	13.1	2,736,372	21.4	767,375	6.0
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,821,238	170,280	6.0	253,219	9.0	522,471	18.5	91,968	3.3
Fayetteville	892,087	57,386	6.4	91,047	10.2	199,451	22.4	68,228	7.6
NC Central	1,457,852	118,863	8.2	145,052	9.9	310,585	21.3	103,315	7.1
UNC Pembroke	1,023,469	87,834	8.6	59,598	5.8	181,175	17.7	40,675	4.0
UNC Wilmington	2,179,820	161,650	7.4	217,768	10.0	377,362	17.3	119,221	5.5
Western Carolina	2,028,270	101,760	5.0	184,017	9.1	325,309	16.0	126,288	6.2
Winston-Salem	1,114,239	72,171	6.5	97,410	8.7	213,908	19.2	47,024	4.2
Subtotal	11,516,975	769,944	6.7	1,048,111	9.1	2,130,261	18.5	596,719	5.2
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	862,299	65,771	7.6	80,880	9.4	112,017	13.0	43,018	5.0
UNC Asheville	887,132	43,566	4.9	95,787	10.8	157,988	17.8	79,251	8.9
Subtotal	1,749,431	109,337	6.2	176,667	10.1	270,005	15.4	122,269	7.0
Schools of Art, Music, and Design									
UNC School of the Arts	738,551	31,175	4.2	187,379	25.4	89,693	12.1	21,245	2.9
Subtotal	738,551	31,175	4.2	187,379	25.4	89,693	12.1	21,245	2.9
Teaching Hospitals									
UNC Hospitals	1,358,302	9,926	0.7	10,829	0.8	371,821	27.4	3,244	0.2
Subtotal	1,358,302	9,926	0.7	10,829	0.8	371,821	27.4	3,244	0.2
Community Colleges									
Alamance	238,366	72,635	30.5	74,785	31.4	47,270	19.8	10,937	4.6
Asheville-Buncombe	511,055	91,755	18.0	177,857	34.8	131,264	25.7	16,788	3.3
Beaufort Co.	189,556	50,957	26.9	54,199	28.6	36,123	19.1	9,158	4.8
Bladen	110,946	28,406	25.6	29,147	26.3	22,403	20.2	9,039	8.1
Blue Ridge	290,314	67,396	23.2	93,661	32.3	44,116	15.2	13,885	4.8
Brunswick	254,175	50,818	20.0	29,777	11.7	37,231	14.6	7,865	3.1
Caldwell	340,713	88,515	26.0	82,296	24.2	62,078	18.2	19,006	5.6
Cape Fear	614,635	112,559	18.3	206,836	33.7	144,580	23.5	30,844	5.0
Carteret	167,124	42,637	25.5	59,058	35.3	34,627	20.7	6,761	4.0
Catawba Valley	365,292	69,908	19.1	117,024	32.0	64,755	17.7	22,346	6.1
Central Carolina	404,568	123,686	30.6	130,168	32.2	72,494	17.9	20,504	5.1
Central Piedmont	1,289,900	338,616	26.3	347,022	26.9	274,194	21.3	64,878	5.0
Cleveland	207,079	48,528	23.4	66,675	32.2	32,625	15.8	17,109	8.3
Coastal Carolina	218,626	58,733	26.9	81,160	37.1	42,654	19.5	15,190	6.9
Coll. of Albemarle	272,245	55,960	20.6	85,077	31.3	49,227	18.1	17,619	6.5
Craven	210,443	50,838	24.2	71,837	34.1	45,217	21.5	18,954	9.0
Davidson County	310,482	68,624	22.1	77,184	24.9	70,618	22.7	24,126	7.8
Durham	343,071	89,855	26.2	96,980	28.3	73,870	21.5	15,221	4.4
Edgecombe	169,084	35,546	21.0	44,623	26.4	30,428	18.0	12,318	7.3
Fayetteville	630,851	166,618	26.4	195,439	31.0	130,893	20.7	28,030	4.4

Table 15. Assignable Area by Room Codes

Institution	Total Assignable Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
		Forsyth	668,782	146,908	22.0	213,236	31.9	125,243	18.7
Gaston	475,497	107,403	22.6	151,298	31.8	106,446	22.4	31,040	6.5
Guilford	884,897	203,692	23.0	275,372	31.1	168,017	19.0	32,534	3.7
Halifax	187,362	37,203	19.9	47,966	25.6	34,385	18.4	11,164	6.0
Haywood	253,015	34,010	13.4	95,497	37.7	42,251	16.7	13,750	5.4
Isothermal	241,215	49,883	20.7	68,009	28.2	35,717	14.8	11,156	4.6
James Sprunt	117,674	27,013	23.0	23,656	20.1	36,136	30.7	10,267	8.7
Johnston	338,241	87,603	25.9	82,525	24.4	63,930	18.9	26,403	7.8
Lenoir	322,942	73,404	22.7	83,642	25.9	54,815	17.0	18,497	5.7
Martin	170,782	24,135	14.1	37,211	21.8	18,306	10.7	14,280	8.4
Mayland	113,020	31,524	27.9	26,485	23.4	21,992	19.5	10,255	9.1
McDowell	117,076	24,874	21.2	34,718	29.7	23,964	20.5	6,058	5.2
Mitchell	268,212	70,862	26.4	52,020	19.4	52,205	19.5	16,760	6.2
Montgomery	92,421	19,206	20.8	30,658	33.2	17,192	18.6	10,566	11.4
Nash	175,598	49,714	28.3	45,704	26.0	27,178	15.5	13,237	7.5
Pamlico	55,243	14,141	25.6	12,280	22.2	12,181	22.0	4,549	8.2
Piedmont	143,109	37,202	26.0	35,501	24.8	31,954	22.3	8,895	6.2
Pitt	376,412	82,071	21.8	129,366	34.4	86,538	23.0	22,804	6.1
Randolph	293,984	67,487	23.0	92,821	31.6	42,298	14.4	8,155	2.8
Richmond	177,786	35,709	20.1	41,527	23.4	28,271	15.9	10,560	5.9
Roanoke-Chowan	117,209	18,145	15.5	37,654	32.1	17,230	14.7	11,019	9.4
Robeson	201,239	37,206	18.5	60,367	30.0	44,230	22.0	12,560	6.2
Rockingham	230,981	39,311	17.0	65,770	28.5	36,975	16.0	11,606	5.0
Rowan-Cabarrus	378,353	88,575	23.4	93,700	24.8	91,148	24.1	23,277	6.2
Sampson	139,057	32,694	23.5	37,859	27.2	28,584	20.6	14,296	10.3
Sandhills	321,663	89,219	27.7	70,125	21.8	58,765	18.3	17,584	5.5
South Piedmont	322,160	40,142	12.5	51,962	16.1	49,759	15.4	11,916	3.7
Southeastern	183,591	48,799	26.6	46,388	25.3	37,596	20.5	13,907	7.6
Southwestern	203,835	42,990	21.1	51,161	25.1	40,747	20.0	11,142	5.5
Stanly	147,199	32,864	22.3	40,153	27.3	35,315	24.0	8,885	6.0
Surry	313,753	88,163	28.1	90,145	28.7	61,214	19.5	12,944	4.1
Tri-County	117,608	29,709	25.3	39,639	33.7	18,010	15.3	5,961	5.1
Vance-Granville	264,751	49,658	18.8	77,339	29.2	49,450	18.7	18,964	7.2
Wake	848,436	205,137	24.2	229,637	27.1	190,603	22.5	58,002	6.8
Wayne	255,443	36,807	14.4	83,337	32.6	51,256	20.1	19,597	7.7
Western Piedmont	287,293	58,040	20.2	73,771	25.7	47,392	16.5	16,173	5.6
Wilkes	298,201	59,251	19.9	76,397	25.6	46,067	15.4	16,665	5.6
Wilson	143,403	42,278	29.5	37,748	26.3	31,738	22.1	9,738	6.8
Subtotal	17,385,968	3,975,622	22.9	4,963,449	28.5	3,411,765	19.6	978,672	5.6
Private Institutions									
NC Private Universities									
Barton	350,454	28,852	8.2	24,220	6.9	57,007	16.3	21,578	6.2
Campbell	1,122,004	102,500	9.1	62,305	5.6	159,572	14.2	79,467	7.1
Mars Hill	543,596	42,502	7.8	46,988	8.6	65,204	12.0	28,959	5.3
Pfeiffer	373,986	34,151	9.1	29,152	7.8	45,508	12.2	22,401	6.0
Subtotal	2,390,040	208,005	8.7	162,665	6.8	327,291	13.7	152,405	6.4
Grand Total	66,809,155	6,497,098	9.7	11,261,985	16.9	13,900,184	20.8	3,714,943	5.6

Table 15. Assignable Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions												
Research Universities I												
NC State	1,556,487	17.9	672,771	7.7	449,453	5.2	26,391	0.3	1,635,652	18.8	284,786	3.3
NC State Veterinary Med	67,218	15.8	9,885	2.3	27,756	6.5	114,572	27.0	179	0.0	0	0.0
UNC-Chapel Hill	842,365	11.7	813,504	11.3	455,513	6.3	22,614	0.3	1,894,690	26.2	98,689	1.4
UNC-Chapel Hill Hlth Aff.	182,231	7.2	90,516	3.6	36,962	1.5	153,013	6.0	310	0.0	120,868	4.8
Subtotal	2,648,301	14.0	1,586,676	8.4	969,684	5.1	316,590	1.7	3,530,831	18.7	504,343	2.7
Doctoral Universities I and II												
East Carolina	321,209	9.8	297,794	9.1	153,441	4.7	5,345	0.2	830,000	25.4	299,654	9.2
East Carolina Hlth Aff.	44,768	5.4	7,280	0.9	52,430	6.3	132,188	16.0	1,280	0.2	8,039	1.0
NC A&T	320,221	14.4	229,000	10.3	194,961	8.8	6,519	0.3	429,127	19.3	9,388	0.4
UNC Charlotte	250,228	7.2	313,789	9.0	58,383	1.7	7,633	0.2	1,066,087	30.5	57,299	1.6
UNC Greensboro	114,104	3.8	331,692	11.1	259,148	8.6	9,654	0.3	903,709	30.2	153,382	5.1
Subtotal	1,050,530	8.2	1,179,555	9.2	718,363	5.6	161,339	1.3	3,230,203	25.2	527,762	4.1
Master's (Comprehensive) Universities and Colleges I												
Appalachian	402,056	14.3	394,611	14.0	84,903	3.0	11,733	0.4	865,642	30.7	24,355	0.9
Fayetteville	76,888	8.6	77,346	8.7	17,594	2.0	2,319	0.3	211,793	23.7	90,035	10.1
NC Central	126,492	8.7	159,983	11.0	26,300	1.8	2,805	0.2	324,897	22.3	139,560	9.6
UNC Pembroke	86,888	8.5	123,595	12.1	51,100	5.0	2,612	0.3	389,992	38.1	0	0.0
UNC Wilmington	125,226	5.7	273,200	12.5	87,246	4.0	4,676	0.2	772,224	35.4	41,247	1.9
Western Carolina	212,739	10.5	304,186	15.0	63,144	3.1	3,246	0.2	662,833	32.7	44,748	2.2
Winston-Salem	71,021	6.4	123,188	11.1	31,339	2.8	5,984	0.5	415,592	37.3	36,602	3.3
Subtotal	1,101,310	9.6	1,456,109	12.6	361,626	3.1	33,375	0.3	3,642,973	31.6	376,547	3.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	102,551	11.9	100,402	11.6	17,804	2.1	4,862	0.6	309,324	35.9	25,670	3.0
UNC Asheville	127,956	14.4	121,637	13.7	38,247	4.3	1,207	0.1	221,197	24.9	296	0.0
Subtotal	230,507	13.2	222,039	12.7	56,051	3.2	6,069	0.3	530,521	30.3	25,966	1.5
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	3.2	118,212	16.0	58,221	7.9	3,073	0.4	158,026	21.4	47,701	6.5
Subtotal	23,826	3.2	118,212	16.0	58,221	7.9	3,073	0.4	158,026	21.4	47,701	6.5
Teaching Hospitals												
UNC Hospitals	32,493	2.4	62,294	4.6	85,493	6.3	736,524	54.2	3,785	0.3	41,893	3.1
Subtotal	32,493	2.4	62,294	4.6	85,493	6.3	736,524	54.2	3,785	0.3	41,893	3.1
Community Colleges												
Alamance	6,206	2.6	17,907	7.5	8,626	3.6	-	-	-	-	0	0.0
Asheville-Buncombe	16,094	3.1	51,055	10.0	19,269	3.8	751	0.1	-	-	6,222	1.2
Beaufort Co.	3,102	1.6	25,009	13.2	11,008	5.8	-	-	-	-	0	0.0
Bladen	-	-	13,863	12.5	8,088	7.3	-	-	-	-	0	0.0
Blue Ridge	6,235	2.1	52,154	18.0	12,867	4.4	-	-	-	-	0	0.0
Brunswick	29,789	11.7	69,757	27.4	12,553	4.9	112	0.0	-	-	16,273	6.4
Caldwell	20,026	5.9	52,572	15.4	16,146	4.7	-	-	-	-	74	0.0
Cape Fear	27,903	4.5	59,270	9.6	24,705	4.0	-	-	1,033	0.2	6,905	1.1
Carteret	6,930	4.1	10,248	6.1	6,863	4.1	-	-	-	-	0	0.0
Catawba Valley	38,452	10.5	41,960	11.5	2,633	0.7	-	-	-	-	8,214	2.2
Central Carolina	11,379	2.8	41,428	10.2	2,630	0.7	1,954	0.5	-	-	325	0.1
Central Piedmont	32,537	2.5	124,115	9.6	72,447	5.6	-	-	-	-	36,091	2.8
Cleveland	15,067	7.3	16,628	8.0	10,447	5.0	-	-	-	-	0	0.0
Coastal Carolina	3,031	1.4	11,595	5.3	6,263	2.9	-	-	-	-	0	0.0
Coll. of Albemarle	7,204	2.6	44,182	16.2	12,976	4.8	-	-	-	-	0	0.0
Craven	1,875	0.9	19,908	9.5	1,814	0.9	-	-	-	-	0	0.0
Davidson County	18,581	6.0	28,276	9.1	22,931	7.4	142	0.0	-	-	0	0.0
Durham	2,555	0.7	23,492	6.8	41,098	12.0	-	-	-	-	0	0.0
Edgecombe	770	0.5	37,979	22.5	7,420	4.4	-	-	-	-	0	0.0
Fayetteville	24,802	3.9	53,721	8.5	30,970	4.9	378	0.1	-	-	0	0.0

Table 15. Assignable Area by Room Codes

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Forsyth	19,761	3.0	63,031	9.4	57,075	8.5	-	-	-	-	20,600	3.1
Gaston	13,932	2.9	53,054	11.2	11,576	2.4	748	0.2	-	-	0	0.0
Guilford	31,940	3.6	61,011	6.9	27,948	3.2	529	0.1	-	-	83,854	9.5
Halifax	7,060	3.8	41,002	21.9	8,582	4.6	-	-	-	-	0	0.0
Haywood	1,590	0.6	37,468	14.8	12,477	4.9	-	-	-	-	15,972	6.3
Isothermal	22,920	9.5	35,395	14.7	18,135	7.5	-	-	-	-	0	0.0
James Sprunt	3,795	3.2	11,716	10.0	3,811	3.2	-	-	-	-	1,280	1.1
Johnston	16,810	5.0	36,930	10.9	22,527	6.7	-	-	1,513	0.4	0	0.0
Lenoir	27,021	8.4	51,908	16.1	13,655	4.2	-	-	-	-	0	0.0
Martin	13,294	7.8	58,187	34.1	5,369	3.1	-	-	-	-	0	0.0
Mayland	452	0.4	16,358	14.5	5,689	5.0	-	-	-	-	265	0.2
McDowell	1,165	1.0	19,909	17.0	6,388	5.5	-	-	-	-	0	0.0
Mitchell	17,457	6.5	39,873	14.9	10,793	4.0	-	-	-	-	8,242	3.1
Montgomery	1,361	1.5	10,986	11.9	2,452	2.7	-	-	-	-	0	0.0
Nash	-	-	30,962	17.6	8,803	5.0	-	-	-	-	0	0.0
Pamlico	140	0.3	9,292	16.8	2,660	4.8	-	-	-	-	0	0.0
Piedmont	-	-	15,559	10.9	13,998	9.8	-	-	-	-	0	0.0
Pitt	20,896	5.6	16,947	4.5	17,189	4.6	-	-	-	-	601	0.2
Randolph	5,152	1.8	36,388	12.4	37,117	12.6	-	-	-	-	4,566	1.6
Richmond	989	0.6	42,030	23.6	6,959	3.9	226	0.1	-	-	11,515	6.5
Roanoke-Chowan	9,874	8.4	14,075	12.0	9,212	7.9	-	-	-	-	0	0.0
Robeson	1,538	0.8	38,216	19.0	7,122	3.5	-	-	-	-	0	0.0
Rockingham	30,804	13.3	34,477	14.9	7,019	3.0	-	-	-	-	5,019	2.2
Rowan-Cabarrus	3,843	1.0	37,394	9.9	19,904	5.3	-	-	-	-	20,512	5.4
Sampson	1,140	0.8	17,809	12.8	6,675	4.8	-	-	-	-	0	0.0
Sandhills	28,060	8.7	47,126	14.7	5,152	1.6	-	-	5,632	1.8	0	0.0
South Piedmont	1,291	0.4	49,254	15.3	18,160	5.6	-	-	-	-	99,676	30.9
Southeastern	11,272	6.1	17,915	9.8	5,055	2.8	-	-	-	-	2,659	1.4
Southwestern	18,202	8.9	28,481	14.0	9,042	4.4	-	-	-	-	2,070	1.0
Stanly	2,867	1.9	19,585	13.3	7,423	5.0	-	-	-	-	107	0.1
Surry	17,276	5.5	31,926	10.2	12,085	3.9	-	-	-	-	0	0.0
Tri-County	-	-	13,563	11.5	10,726	9.1	-	-	-	-	0	0.0
Vance-Granville	1,098	0.4	42,407	16.0	7,193	2.7	-	-	-	-	18,642	7.0
Wake	36,462	4.3	58,214	6.9	35,469	4.2	-	-	-	-	34,912	4.1
Wayne	9,574	3.7	27,651	10.8	26,787	10.5	434	0.2	-	-	0	0.0
Western Piedmont	2,250	0.8	30,767	10.7	13,478	4.7	-	-	-	-	45,422	15.8
Wilkes	24,074	8.1	51,118	17.1	23,424	7.9	-	-	-	-	1,205	0.4
Wilson	229	0.2	13,364	9.3	8,308	5.8	-	-	-	-	0	0.0
Subtotal	678,127	3.9	2,056,467	11.8	857,191	4.9	5,274	0.0	8,178	0.0	451,223	2.6
Private Institutions												
NC Private Universities												
Barton	50,010	14.3	55,955	16.0	7,677	2.2	741	0.2	104,414	29.8	0	0.0
Campbell	126,715	11.3	146,740	13.1	21,724	1.9	2,964	0.3	419,085	37.4	932	0.1
Mars Hill	44,666	8.2	120,198	22.1	14,584	2.7	2,291	0.4	165,217	30.4	12,987	2.4
Pfeiffer	41,948	11.2	46,094	12.3	11,930	3.2	338	0.1	113,088	30.2	29,376	7.9
Subtotal	263,339	11.0	368,987	15.4	55,915	2.3	6,334	0.3	801,804	33.5	43,295	1.8
Grand Total	6,028,433	9.0	7,050,339	10.6	3,162,544	4.7	1,268,578	1.9	11,906,321	17.8	2,018,730	3.0

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

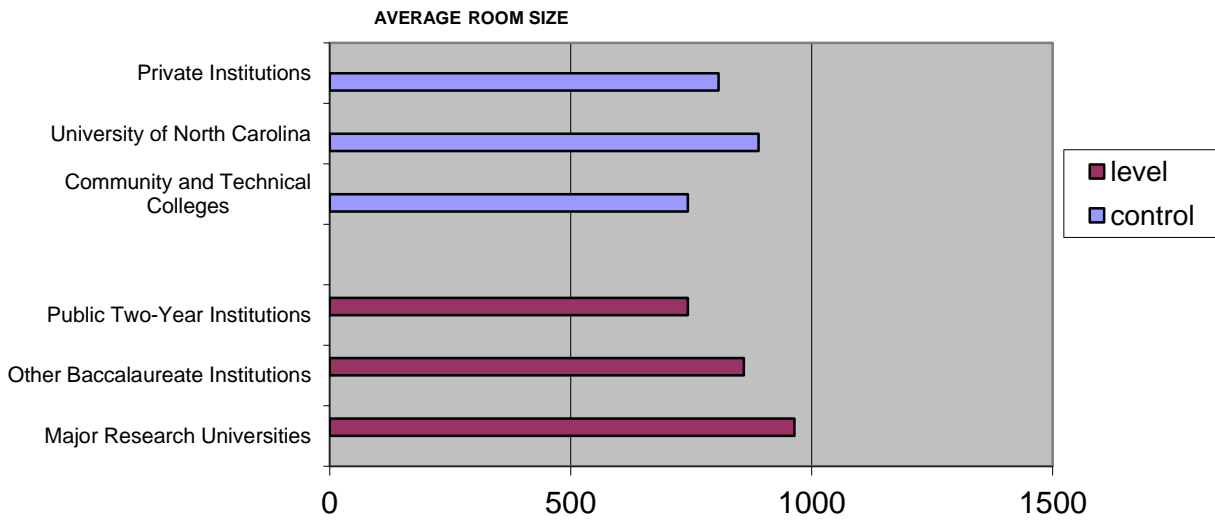
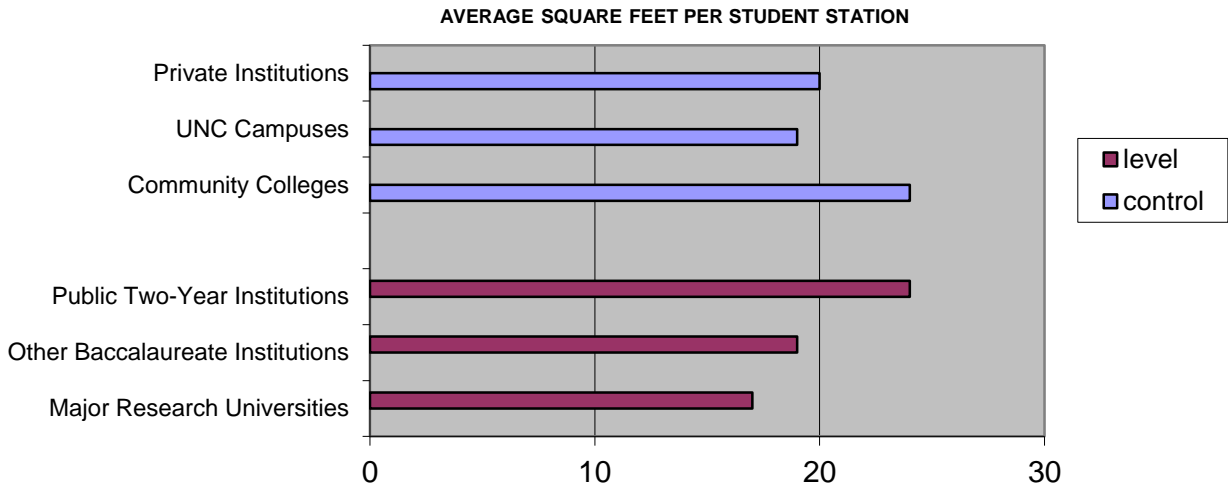


Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2013	2012	2011	2010	2009
Public Institutions									
Research Universities I									
NC State	238	14,735	62	250,551	17	17	17	17	16
NC State Veterinary Med	6	421	70	7,731	18	18	19	20	20
UNC-Chapel Hill	292	15,428	53	265,957	17	17	18	18	18
UNC-Chapel Hill Hlth Aff.	84	3,964	47	73,268	18	18	18	18	17
Subtotal	620	34,548	56	597,507	17	17	17	17	17
Doctoral Universities I and II									
East Carolina	207	10,483	51	184,319	18	17	17	17	17
East Carolina Hlth Aff.	52	2,165	42	43,437	20	18	18	18	18
NC A&T	154	7,248	47	139,525	19	19	19	19	19
UNC Charlotte	215	12,420	58	221,071	18	17	17	17	17
UNC Greensboro	147	8,698	59	147,059	17	17	17	17	17
Subtotal	775	41,014	53	735,411	18	18	18	18	17
Master's (Comprehensive) Universities and Colleges I									
Appalachian	205	8,360	41	164,239	20	20	20	19	19
Fayetteville	65	2,592	40	52,642	20	20	20	20	20
NC Central	142	6,095	43	112,831	19	19	18	18	18
UNC Pembroke	105	3,654	35	83,118	23	23	20	20	20
UNC Wilmington	172	7,884	46	156,643	20	20	19	20	19
Western Carolina	115	4,546	40	95,131	21	21	21	21	21
Winston-Salem	84	3,581	43	69,357	19	19	19	19	19
Subtotal	888	36,712	41	733,961	20	20	19	20	19
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	83	3,319	40	62,637	19	19	18	18	18
UNC Asheville	55	1,944	35	42,129	22	22	22	22	22
Subtotal	138	5,263	38	104,766	20	20	19	19	19
Schools of Art, Music, and Design									
UNC School of the Arts	53	1,253	24	30,971	25	26	25	25	24
Subtotal	53	1,253	24	30,971	25	26	25	25	24
Community Colleges									
Alamance	101	3,122	31	71,253	23	23	23	23	21
Asheville-Buncombe	113	3,449	31	89,138	26	26	26	26	27
Beaufort Co.	62	2,443	39	48,153	20	20	20	20	23
Bladen	42	1,144	27	26,856	23	23	23	23	22
Blue Ridge	76	1,993	26	61,391	31	31	31	32	31
Brunswick	66	1,938	29	47,350	24	24	25	22	22
Caldwell	103	3,044	30	84,903	28	28	28	28	27
Cape Fear	134	4,140	31	110,555	27	27	27	27	26
Carteret	63	1,524	24	41,910	28	28	27	27	27
Catawba Valley	84	2,655	32	66,812	25	26	25	25	26
Central Carolina	180	5,118	28	121,419	24	23	23	23	23
Central Piedmont	376	11,519	31	328,786	29	28	27	27	26
Cleveland	65	2,066	32	46,978	23	23	22	22	22
Coastal Carolina	92	2,793	30	57,907	21	21	21	21	21
Coll. of Albemarle	70	1,840	26	55,467	30	30	31	30	30
Craven	80	1,743	22	48,830	28	28	28	26	23
Davidson County	90	2,784	31	65,464	24	24	24	22	22
Durham	120	3,992	33	88,082	22	22	22	21	21
Edgecombe	66	1,733	26	34,174	20	20	20	20	20
Fayetteville	219	9,298	42	160,201	17	17	17	17	17
Forsyth	207	6,024	29	142,986	24	24	24	24	23
Gaston	132	4,457	34	102,412	23	23	23	22	23
Guilford	278	8,300	30	196,158	24	24	24	25	25
Halifax	47	1,279	27	36,899	29	29	29	29	29

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					
					2013	2012	2011	2010	2009	
Haywood	44	1,336	30	32,303	24	23	24	25	25	
Isothermal	64	2,095	33	48,308	23	23	21	21	21	
James Sprunt	40	1,113	28	26,478	24	24	24	24	24	
Johnston	112	3,425	31	80,687	24	24	24	24	24	
Lenoir	100	2,813	28	71,270	25	26	26	27	27	
Martin	29	782	27	22,906	29	29	29	29	29	
Mayland	45	1,178	26	30,384	26	26	26	26	31	
McDowell	36	1,095	30	23,513	21	21	21	24	23	
Mitchell	103	3,041	30	69,219	23	23	23	23	22	
Montgomery	27	803	30	19,031	24	24	24	24	24	
Nash	61	2,012	33	48,242	24	24	24	24	24	
Pamlico	21	483	23	13,849	29	29	29	29	29	
Piedmont	52	1,279	25	36,087	28	28	28	28	28	
Pitt	98	3,286	34	81,529	25	25	25	25	25	
Randolph	95	2,709	29	65,166	24	23	23	23	22	
Richmond	50	1,684	34	35,015	21	21	20	20	20	
Roanoke-Chowan	33	890	27	17,887	20	20	20	20	20	
Robeson	49	1,447	30	35,810	25	25	21	22	22	
Rockingham	48	1,626	34	36,625	23	22	22	23	23	
Rowan-Cabarrus	110	3,378	31	82,103	24	24	23	23	23	
Sampson	42	1,382	33	31,401	23	23	23	23	22	
Sandhills	109	3,699	34	85,900	23	23	22	22	22	
South Piedmont	60	1,512	25	39,394	26	25	25	25	25	
Southeastern	54	2,122	39	46,762	22	21	21	21	20	
Southwestern	57	1,427	25	42,034	29	29	30	30	30	
Stanly	50	1,869	37	32,682	17	18	18	18	18	
Surry	104	3,131	30	82,450	26	26	26	26	26	
Tri-County	44	1,061	24	29,063	27	27	27	29	28	
Vance-Granville	66	2,140	32	48,436	23	23	22	22	23	
Wake	230	8,559	37	198,623	23	23	24	23	23	
Wayne	55	1,711	31	35,455	21	21	21	21	21	
Western Piedmont	59	1,834	31	56,070	31	31	31	31	28	
Wilkes	96	3,050	32	58,415	19	19	19	19	20	
Wilson	55	1,839	33	41,628	23	22	22	22	22	
Subtotal	5,164	160,209	31	3,838,809	24	24	24	24	24	
Private Institutions										
NC Private Universities										
Barton	40	1,678	42	27,919	17	17	17	17	17	
Campbell	95	5,157	54	98,812	19	19	19	19	19	
Mars Hill	65	1,852	28	41,586	22	22	22	22	22	
Pfeiffer	50	1,603	32	33,536	21	21	21	20	20	
Subtotal	250	10,290	41	201,853	20	20	20	19	19	
Grand Total	7,888	289,289	37	6,243,278	22	21	21	21	21	

TABLE 17:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The University of North Carolina has developed ASF-per-station standards for four discipline categories of space (see Table 11-Space Standards):

Highly Intensive - 108 ASF	(Includes Engineering (including Textiles), Applied Design, Dance, and Dramatic Arts).
Intensive - 70 ASF	(Includes Architecture, Health Professions, Library Science, and Physical Sciences).
Moderately Intensive - 50 ASF	(Includes Agriculture, Biological Sciences, Communications, Computer/Information Technologies, Education, Art, Home Economics, Law, Psychology).
Non-Intensive - 33 ASF	(Includes Business, Cinematography, Music, Languages, Letters, Mathematics, Public Affairs, Social Sciences).

CLASS LABORATORIES

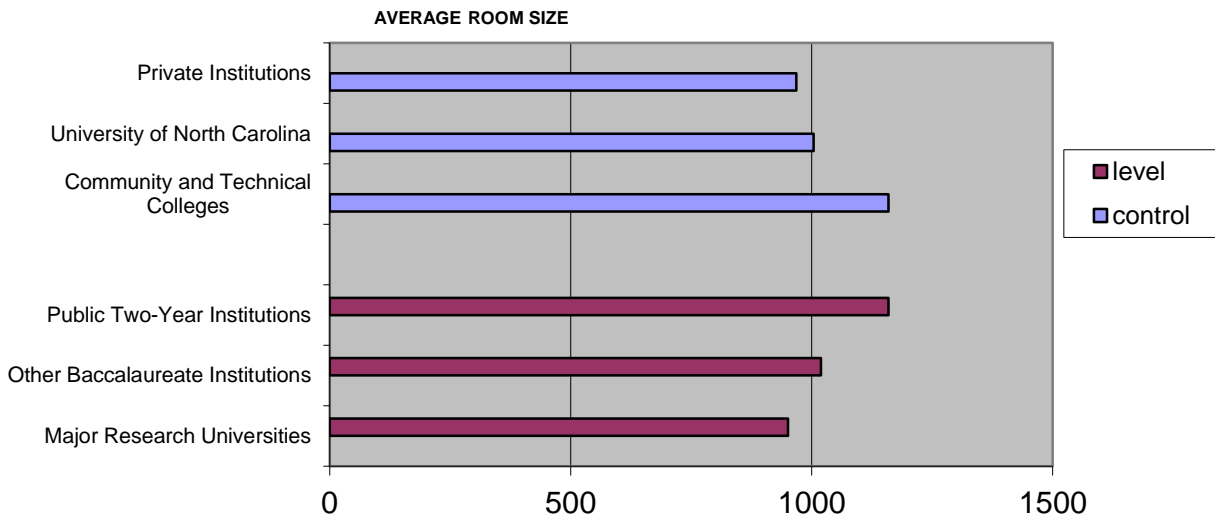
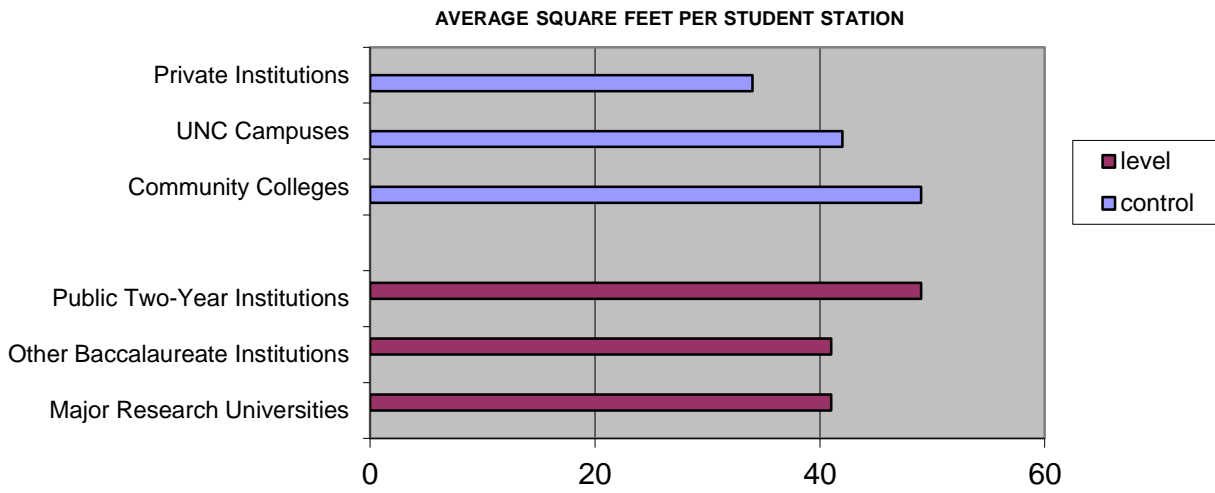


Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2013	2012	2011	2010	2009
Public Institutions									
Research Universities I									
NC State	259	6,523	25	272,908	42	43	41	43	44
NC State Veterinary Med	6	165	28	9,062	55	55	89	90	90
UNC-Chapel Hill	101	2,301	23	86,122	37	36	39	39	40
UNC-Chapel Hill Hlth Aff.	65	985	15	41,775	42	42	41	42	41
Subtotal	431	9,974	23	409,867	41	41	41	42	43
Doctoral Universities I and II									
East Carolina	148	3,772	25	145,096	38	38	38	38	38
East Carolina Hlth Aff.	47	787	17	35,093	45	39	39	39	39
NC A&T	84	2,127	25	83,374	39	37	40	40	41
UNC Charlotte	159	4,014	25	178,002	44	41	40	40	43
UNC Greensboro	69	2,090	30	100,601	48	46	48	48	48
Subtotal	507	12,790	25	542,166	42	40	40	41	42
Master's (Comprehensive) Universities and Colleges I									
Appalachian	118	2,603	22	115,595	44	45	45	45	45
Fayetteville	51	1,402	27	52,143	37	36	34	32	28
NC Central	62	1,292	21	54,469	42	42	40	39	39
UNC Pembroke	31	689	22	28,639	42	42	41	42	42
UNC Wilmington	84	2,053	24	79,757	39	39	39	43	43
Western Carolina	75	1,957	26	85,451	44	45	42	42	42
Winston-Salem	65	1,552	24	54,020	35	35	35	35	35
Subtotal	486	11,548	24	470,074	41	41	40	40	40
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	66	1,482	22	56,942	38	38	39	39	37
UNC Asheville	34	794	23	34,785	44	42	45	48	47
Subtotal	100	2,276	23	91,727	40	40	41	42	41
Schools of Art, Music, and Design									
UNC School of the Arts	67	1,616	24	83,575	52	50	50	50	50
Subtotal	67	1,616	24	83,575	52	50	50	50	50
Community Colleges									
Alamance	55	1,331	24	59,301	45	45	45	45	45
Asheville-Buncombe	106	2,874	27	137,138	48	49	48	48	50
Beaufort Co.	32	1,268	40	50,380	40	38	42	42	46
Bladen	23	522	23	27,416	53	57	57	58	58
Blue Ridge	52	1,175	23	84,102	72	72	72	73	77
Brunswick	18	406	23	22,567	56	56	56	54	54
Caldwell	61	1,279	21	68,743	54	54	54	55	55
Cape Fear	122	2,954	24	145,062	49	49	50	50	51
Carteret	44	1,012	23	52,170	52	52	52	52	52
Catawba Valley	90	1,883	21	94,078	50	50	50	51	52
Central Carolina	110	2,512	23	104,379	42	41	41	42	41
Central Piedmont	164	3,800	23	238,108	63	64	67	66	64
Cleveland	70	1,555	22	58,436	38	38	37	39	39
Coastal Carolina	58	1,493	26	66,922	45	46	46	46	46
Coll. of Albemarle	68	1,267	19	77,825	61	55	54	49	48
Craven	43	1,010	23	58,791	58	55	55	63	49
Davidson County	59	1,574	27	61,709	39	39	39	40	41
Durham	77	1,807	23	82,858	46	47	47	46	50
Edgecombe	41	853	21	40,792	48	48	48	48	48
Fayetteville	151	3,904	26	162,573	42	42	42	42	42
Forsyth	115	2,514	22	151,477	60	63	55	55	55
Gaston	70	1,892	27	82,139	43	43	43	43	43
Guilford	169	3,730	22	183,727	49	49	50	53	54
Halifax	29	598	21	36,689	61	61	61	60	60

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				
					2013	2012	2011	2010	2009
Haywood	70	1,302	19	75,407	58	59	67	66	57
Isothermal	47	1,040	22	50,836	49	49	49	48	48
James Sprunt	21	476	23	19,605	41	40	41	40	40
Johnston	54	1,350	25	65,787	49	49	49	50	50
Lenoir	64	1,596	25	70,317	44	47	48	43	42
Martin	25	578	23	32,022	55	55	55	55	55
Mayland	17	390	23	20,443	52	53	53	53	51
McDowell	23	633	28	31,089	49	49	50	49	46
Mitchell	41	978	24	45,012	46	46	46	44	44
Montgomery	17	317	19	17,650	56	48	47	54	56
Nash	35	774	22	38,785	50	50	49	49	49
Pamlico	14	257	18	10,568	41	41	41	41	41
Piedmont	28	772	28	29,971	39	39	39	41	41
Pitt	95	1,670	18	113,136	68	67	50	50	50
Randolph	53	1,249	24	77,256	62	64	63	60	62
Richmond	33	731	22	34,101	47	50	49	49	48
Roanoke-Chowan	19	468	25	22,972	49	49	49	45	45
Robeson	44	1,095	25	52,301	48	48	43	42	43
Rockingham	46	1,081	24	56,790	53	50	50	50	51
Rowan-Cabarrus	70	1,570	22	86,360	55	55	53	52	55
Sampson	26	585	23	34,582	59	59	59	59	57
Sandhills	57	1,246	22	53,961	43	42	42	42	43
South Piedmont	37	830	22	35,830	43	43	43	44	44
Southeastern	33	888	27	33,354	38	38	38	39	37
Southwestern	47	735	16	41,208	56	56	55	56	56
Stanly	28	1,060	38	35,082	33	33	33	33	32
Surry	47	1,127	24	68,046	60	51	48	48	48
Tri-County	31	616	20	33,538	54	54	54	55	61
Vance-Granville	61	1,673	27	65,047	39	43	41	41	40
Wake	166	3,664	22	190,084	52	51	50	50	50
Wayne	56	1,564	28	60,035	38	39	39	39	39
Western Piedmont	52	1,120	22	55,208	49	50	52	52	49
Wilkes	48	1,406	29	59,927	43	43	41	41	42
Wilson	32	737	23	34,018	46	48	48	49	51
Subtotal	3,364	78,791	23	3,897,710	49	50	49	49	49
Private Institutions									
NC Private Universities									
Barton	20	475	24	17,122	36	36	36	36	36
Campbell	35	1,323	38	37,244	28	31	31	31	31
Mars Hill	28	742	27	28,705	39	41	41	41	41
Pfeiffer	22	426	19	18,599	44	44	44	42	42
Subtotal	105	2,966	28	101,670	34	37	37	37	37
Grand Total	5,060	119,961	24	5,596,789	47	47	46	46	46

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Coastal Studies Institute, East Carolina University

Formed in 2003, the UNC Coastal Studies Institute is an inter-university partnership that offers applied, mission based research focusing specifically on coastal processes, estuarine ecology, and coastal sustainability for the maritime counties of North Carolina. A \$32.6 million facility to house the Institute was dedicated and officially opened in January 2014. The 83,791 square-foot, environmentally sustainable facility on Roanoke Island was built over two years on land surrounded by approximately 240 acres of marsh. Wastewater is treated on-site and to a high standard that allows it be used to flush toilets in the buildings. Storm water is captured and used or treated and infiltrated completely on-site. Four 12,000-gallon underground cisterns collect rainwater from the research and education building to set the stage for future research efforts for the treatment of captured rainwater for potable water. The research building has 60,000 square feet of classroom, research and teaching laboratories, and an auditorium. The 15,000 square foot marine operations building houses equipment, vehicles and vessels used in the institute’s research operations. East Carolina University was responsible for design and construction oversight and will provide maintenance at the facility.

Building Characteristics

Ownership of Buildings	109
Capital Investment in Buildings	112
Age of Buildings	116
Condition of Buildings.	120
Estimated Cost to Renovate and Replace Unsatisfactory Facilities	125

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TABLE 18:
OWNERSHIP OF BUILDINGS

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

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

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

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

Table 18. Ownership of Buildings

Institution	1		2		3		4		5		Other	Total Gross	
	Owned	%	Institution	%	Amortization	%	Leased or Rented	%	Nominal Rate	%			Sq. Ft.
	GSF		GSF		GSF		GSF		GSF		GSF		
Public Institutions													
Research Universities I													
NC State ***	12,933,152	80.3	2,536,328	15.8	782	0.0	451,660	2.8	162,687	1.0	12,926	0.1	16,097,535
NC State Veterinary Med	849,240	100.0	-	-	-	-	-	-	-	-	-	-	849,240
UNC-Chapel Hill ***	13,004,310	98.7	-	-	68,760	0.5	79,568	0.6	-	-	17,732	0.1	13,170,370
UNC-Chapel Hill Health Aff.**	5,405,482	84.9	537,875	8.5	129,503	2.0	279,238	4.4	-	-	13,158	0.2	6,365,256
Subtotal	32,192,184	88.2	3,074,203	8.4	199,045	0.5	810,466	2.2	162,687	0.4	43,816	0.1	36,482,401
Doctoral Universities I and II													
East Carolina	4,729,862	96.4	-	-	-	-	55,055	1.1	26,090	0.5	95,460	1.9	4,906,467
East Carolina Hlth Aff.	1,428,272	91.8	-	-	-	-	95,718	6.2	32,368	2.1	-	-	1,556,358
NC A&T	3,146,864	99.4	-	-	-	-	18,940	0.6	-	-	-	-	3,165,804
UNC Charlotte	4,781,127	55.1	3,751,749	43.3	137,999	1.6	-	-	-	-	-	-	8,670,875
UNC-Greensboro**	5,686,095	93.9	-	-	1,657	0.0	317,623	5.2	10,052	0.2	38,310	0.6	6,053,737
Subtotal	19,772,220	81.2	3,751,749	15.4	139,656	0.6	487,336	2.0	68,510	0.3	133,770	0.5	24,353,241
Master's (Comprehensive) Universities and Colleges I													
Appalachian	3,201,823	65.4	1,686,763	34.5	-	-	7,010	0.1	-	-	-	-	4,895,596
Fayetteville	1,204,832	83.2	243,574	16.8	-	-	-	-	-	-	-	-	1,448,406
NC Central	2,129,441	94.1	134,292	5.9	-	-	-	-	-	-	-	-	2,263,733
UNC Pembroke	1,326,190	85.5	-	-	89,078	5.7	135,766	8.8	-	-	-	-	1,551,034
UNC Wilmington	2,731,031	71.5	325,288	8.5	738,804	19.3	23,456	0.6	-	-	-	-	3,818,579
Western Carolina	2,162,569	68.1	673,451	21.2	314,227	9.9	24,975	0.8	-	-	-	-	3,175,222
Winston-Salem	1,123,462	64.8	127,536	7.4	397,407	22.9	84,525	4.9	-	-	-	-	1,732,930
Subtotal	13,879,348	73.5	3,190,904	16.9	1,539,516	8.2	275,732	1.5	-	-	-	-	18,885,500
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	999,982	77.0	152,476	11.7	145,678	11.2	-	-	-	-	-	-	1,298,136
UNC Asheville	1,119,008	73.5	404,349	26.5	-	-	-	-	-	-	-	-	1,523,357
Subtotal	2,118,990	75.1	556,825	19.7	145,678	5.2	-	-	-	-	-	-	2,821,493
Schools of Art, Music, and Design													
UNC School of the Arts	837,124	79.5	102,782	9.8	80,440	7.6	5,260	0.5	27,053	2.6	-	-	1,052,659
Subtotal	837,124	79.5	102,782	9.8	80,440	7.6	5,260	0.5	27,053	2.6	-	-	1,052,659
Teaching Hospitals													
UNC Hospitals**	2,434,713	97.4	-	-	-	-	57,815	2.3	-	-	6,721	0.3	2,499,249
Subtotal	2,434,713	97.4	-	-	-	-	57,815	2.3	-	-	6,721	0.3	2,499,249
Community Colleges													
Alamance	348,064	88.4	-	-	-	-	45,648	11.6	-	-	-	-	393,712
Asheville-Buncombe	876,841	98.0	-	-	-	-	-	-	18,000	2.0	-	-	894,841
Beaufort Co.	270,733	100.0	-	-	-	-	-	-	-	-	-	-	270,733
Bladen	145,808	96.6	-	-	-	-	5,112	3.4	-	-	-	-	150,920
Blue Ridge	401,360	100.0	-	-	-	-	-	-	-	-	-	-	401,360
Brunswick	389,291	100.0	-	-	-	-	-	-	-	-	-	-	389,291
Caldwell	490,265	100.0	-	-	-	-	-	-	-	-	-	-	490,265
Cape Fear	1,570,195	97.2	-	-	-	-	9,511	0.6	36,529	2.3	-	-	1,616,235
Carteret**	217,402	91.9	-	-	-	-	8,078	3.4	-	-	11,150	4.7	236,630
Catawba Valley	482,712	85.3	63,788	11.3	-	-	-	-	19,625	3.5	-	-	566,125
Central Carolina	455,332	77.7	-	-	-	-	8,232	1.4	122,090	20.8	-	-	585,654
Central Piedmont	3,073,759	97.2	-	-	-	-	90,133	2.8	-	-	-	-	3,163,892
Cleveland	293,295	97.4	-	-	-	-	-	-	7,813	2.6	-	-	301,108
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	336,377	83.2	-	-	-	-	4,440	1.1	63,271	15.7	-	-	404,088
Craven	312,947	99.3	-	-	-	-	-	-	2,060	0.7	-	-	315,007
Davidson County	450,126	98.8	-	-	-	-	5,329	1.2	-	-	-	-	455,455
Durham	493,195	96.6	-	-	-	-	17,542	3.4	-	-	-	-	510,737
Edgecombe	242,914	98.8	-	-	-	-	2,964	1.2	-	-	-	-	245,878

*Other is Category 6

**Other is Category 7

***Other is Category 8

Table 18. Ownership of Buildings

Institution	1		2		3		4		5		Other		Total Gross Sq. Ft.
	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		GSF %		
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Fayetteville*	903,797	96.6	-	-	-	-	-	-	5,690	0.6	26,402	2.8	935,889
Forsyth	905,748	93.9	-	-	-	-	5,844	0.6	52,908	5.5	-	-	964,500
Gaston	646,608	90.5	-	-	-	-	67,959	9.5	-	-	-	-	714,567
Guilford	1,424,945	95.4	-	-	-	-	67,389	4.5	-	-	1,057	0.1	1,493,391
Halifax	268,984	97.7	-	-	-	-	6,337	2.3	-	-	-	-	275,321
Haywood	355,826	100.0	-	-	-	-	-	-	-	-	-	-	355,826
Isothermal	301,583	84.7	-	-	-	-	54,422	15.3	-	-	-	-	356,005
James Sprunt	158,986	95.4	-	-	-	-	-	-	7,664	4.6	-	-	166,650
Johnston	391,381	83.3	-	-	-	-	31,764	6.8	46,901	10.0	-	-	470,046
Lenoir	412,309	95.8	-	-	-	-	5,940	1.4	12,000	2.8	-	-	430,249
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	159,916	100.0	-	-	-	-	-	-	-	-	-	-	159,916
McDowell	159,319	100.0	-	-	-	-	-	-	-	-	-	-	159,319
Mitchell	362,262	90.4	-	-	-	-	8,320	2.1	29,947	7.5	-	-	400,529
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
Nash	262,731	100.0	-	-	-	-	-	-	-	-	-	-	262,731
Pamlico	86,035	100.0	-	-	-	-	-	-	-	-	-	-	86,035
Piedmont	182,713	100.0	-	-	-	-	-	-	-	-	-	-	182,713
Pitt	582,222	100.0	-	-	-	-	-	-	-	-	-	-	582,222
Randolph	385,347	98.1	-	-	-	-	7,275	1.9	-	-	-	-	392,622
Richmond	253,209	100.0	-	-	-	-	-	-	-	-	-	-	253,209
Roanoke-Chowan	159,042	95.0	-	-	8,379	5.0	-	-	-	-	-	-	167,421
Robeson	265,260	94.9	-	-	-	-	-	-	14,400	5.1	-	-	279,660
Rockingham	327,731	100.0	-	-	-	-	-	-	-	-	-	-	327,731
Rowan-Cabarrus	399,126	76.9	62,333	12.0	-	-	19,525	3.8	37,880	7.3	-	-	518,864
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	486,971	98.3	-	-	-	-	8,662	1.7	-	-	-	-	495,633
South Piedmont	404,118	99.9	-	-	-	-	-	-	440	0.1	-	-	404,558
Southeastern	247,000	100.0	-	-	-	-	-	-	-	-	-	-	247,000
Southwestern	290,748	98.6	-	-	-	-	-	-	4,054	1.4	-	-	294,802
Stanly	190,474	91.3	-	-	-	-	13,582	6.5	-	-	4,600	2.2	208,656
Surry	386,062	86.6	-	-	-	-	-	-	59,593	13.4	-	-	445,655
Tri-County	138,389	89.9	-	-	-	-	-	-	15,500	10.1	-	-	153,889
Vance-Granville	397,903	98.0	-	-	-	-	8,306	2.0	-	-	-	-	406,209
Wake	1,588,634	93.2	-	-	-	-	82,867	4.9	32,150	1.9	-	-	1,703,651
Wayne	390,816	97.0	-	-	-	-	-	-	12,146	3.0	-	-	402,962
Western Piedmont	306,530	76.8	-	-	-	-	-	-	92,382	23.2	-	-	398,912
Wilkes	395,843	96.4	-	-	-	-	14,737	3.6	-	-	-	-	410,580
Wilson	206,079	98.5	-	-	-	-	-	-	3,240	1.5	-	-	209,319
Subtotal	26,525,656	94.7	126,121	0.5	8,379	0.0	599,918	2.1	696,283	2.5	43,209	0.2	27,999,566
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,649,014	100.0	-	-	-	-	-	-	-	-	-	-	1,649,014
Mars Hill	791,814	98.4	-	-	-	-	13,000	1.6	-	-	-	-	804,814
Pfeiffer	450,139	80.6	108,010	19.4	-	-	-	-	-	-	-	-	558,149
Subtotal	3,386,133	96.5	108,010	3.1	-	-	13,000	0.4	-	-	-	-	3,507,143
Grand Total	101,146,368	86.0	10,910,594	9.3	2,112,714	1.8	2,249,527	1.9	954,533	0.8	227,516	0.2	117,601,252

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

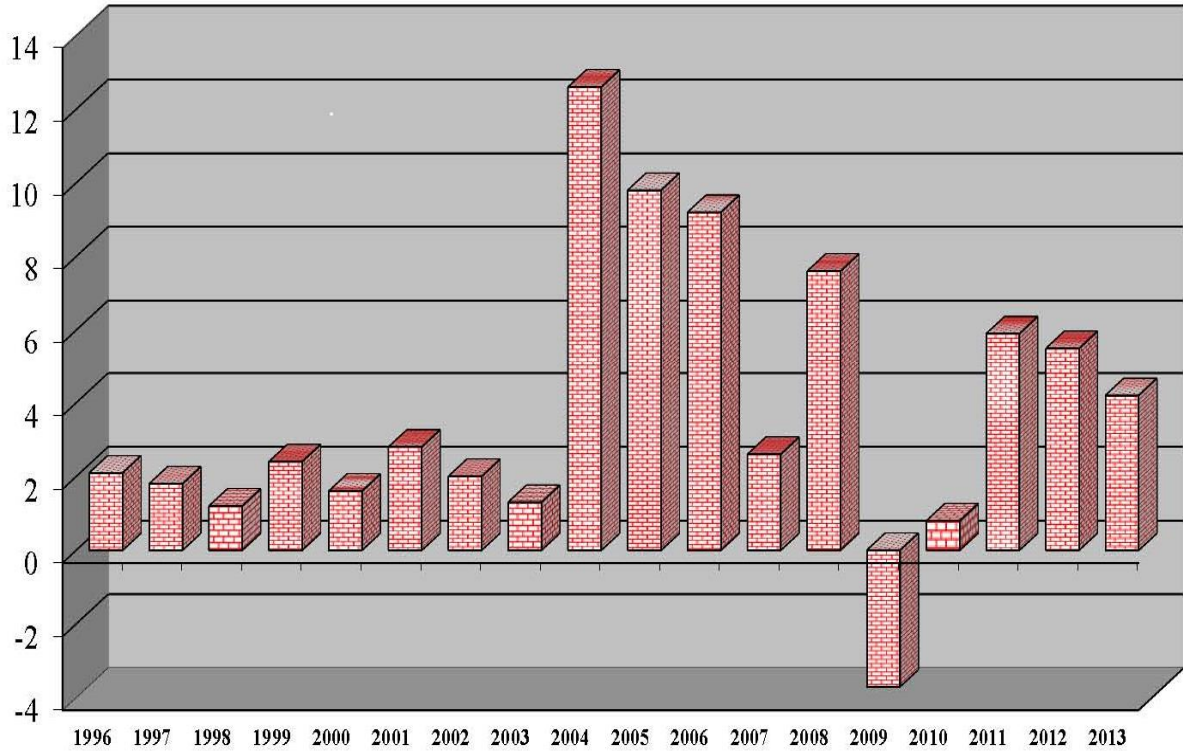
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

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

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication are derived by computing an average of the construction cost increases for Asheville, Charlotte, Durham, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. The following are the factors which have been used to increase the estimated replacement values each year. The construction cost factor reported by R.S. Means reflected a negative multiplier for the 2009 building replacement costs. This decrease in building values was a reflection of the devaluation of property both nationally and across North Carolina during the economic downturn. Property values have recovered, and this continued upward trend is reflected in the 2013 factor applied to the estimated replacement values for the current year.

<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>
1996	2.1%	2002	2.0%	2008	7.6%
1997	1.8%	2003	1.2%	2009	-3.7%
1998	1.2%	2004	12.6%	2010	0.8%
1999	2.4%	2005	9.8%	2011	5.9%
2000	1.6%	2006	9.2%	2012	5.5%
2001	2.8%	2007	2.6%	2013	4.2%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 109) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19 & 20. Capital Investment

Institution	Non-Residential Buildings				Residential Buildings			
	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Public Institutions								
Research Universities I								
NC State	1,016	\$960,318,761	\$3,763,782,919	13,386,919	122	\$140,592,638	\$521,322,938	2,710,616
NC State Veterinary Med	39	\$105,227,698	\$286,006,834	849,240	-	-	-	-
UNC-Chapel Hill	283	\$1,270,373,389	\$2,846,526,464	9,829,381	91	\$187,716,351	\$543,955,221	3,340,989
UNC-Chapel Hill Hlth Aff.	105	\$658,930,266	\$1,629,364,989	6,364,908	1	\$8,820	\$44,794	348
Subtotal	1,443	\$2,994,850,114	\$8,525,681,206	30,430,448	214	\$328,317,809	\$1,065,322,953	6,051,953
Doctoral Universities I and II								
East Carolina	135	\$266,072,888	\$1,052,915,342	3,732,819	18	\$45,170,000	\$217,512,087	1,173,648
East Carolina Hlth Aff.	52	\$243,683,573	\$466,940,173	1,556,358	-	-	-	-
NC A&T	103	\$195,667,383	\$691,262,646	2,575,305	15	\$29,214,424	\$128,494,488	590,499
UNC Charlotte	75	\$696,729,370	\$1,290,176,808	6,892,810	33	\$177,116,096	\$305,148,648	1,778,065
UNC Greensboro	95	\$276,435,555	\$1,532,283,097	4,250,236	28	\$73,425,447	\$637,169,026	1,803,501
Subtotal	460	\$1,678,588,769	\$5,033,578,066	19,007,528	94	\$324,925,967	\$1,288,324,249	5,345,713
Master's (Comprehensive) Universities and Colleges I								
Appalachian	72	\$389,704,135	\$850,229,800	3,535,493	22	\$69,745,565	\$209,903,268	1,360,103
Fayetteville	43	\$103,830,416	\$226,302,006	1,096,362	9	\$27,407,381	\$56,398,913	352,044
NC Central	51	\$174,078,332	\$556,113,743	1,555,538	14	\$60,025,638	\$187,177,235	708,195
UNC Pembroke	35	\$118,490,089	\$267,124,707	1,004,395	14	\$40,518,198	\$98,656,781	546,639
UNC Wilmington	99	\$305,194,869	\$546,997,361	2,525,123	54	\$141,227,668	\$228,377,318	1,293,456
Western Carolina	69	\$167,734,849	\$417,238,505	2,085,462	37	\$93,860,515	\$197,647,411	1,089,760
Winston-Salem	35	\$72,347,461	\$213,633,688	1,068,638	14	\$56,692,052	\$108,361,903	664,292
Subtotal	404	\$1,331,380,151	\$3,077,639,810	12,871,011	164	\$489,477,017	\$1,086,522,829	6,014,489
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	35	\$85,994,915	\$219,353,282	817,051	24	\$22,972,690	\$65,300,304	481,085
UNC Asheville	26	\$128,911,580	\$312,290,687	1,103,941	13	\$50,092,427	\$112,747,503	419,416
Subtotal	61	\$214,906,495	\$531,643,969	1,920,992	37	\$73,065,117	\$178,047,807	900,501
Schools of Art, Music, and Design								
UNC School of the Arts	49	\$64,021,390	\$187,906,200	834,053	18	\$10,893,157	\$30,357,745	218,606
Subtotal	49	\$64,021,390	\$187,906,200	834,053	18	\$10,893,157	\$30,357,745	218,606
Teaching Hospitals								
UNC Hospitals	30	\$456,844,106	\$881,113,088	2,499,249	-	-	-	-
Subtotal	30	\$456,844,106	\$881,113,088	2,499,249	-	-	-	-
Community Colleges								
Alamance	15	\$28,900,315	\$156,779,713	393,712	-	-	-	-
Asheville-Buncombe	24	\$119,206,462	\$211,184,877	894,841	-	-	-	-
Beaufort Co.	17	\$22,638,835	\$44,557,452	270,733	-	-	-	-
Bladen	24	\$8,626,162	\$23,282,792	150,920	-	-	-	-
Blue Ridge	15	\$35,342,638	\$68,889,641	401,360	-	-	-	-
Brunswick	19	\$43,507,286	\$71,138,693	389,291	-	-	-	-
Caldwell	22	\$43,597,730	\$92,981,975	490,265	-	-	-	-
Cape Fear	36	\$179,428,322	\$274,372,800	1,610,450	2	\$474,800	\$8,994,542	5,785
Carteret	17	\$17,478,813	\$44,880,474	236,630	-	-	-	-
Catawba Valley	17	\$33,898,394	\$82,530,087	566,125	-	-	-	-
Central Carolina	37	\$39,674,645	\$100,580,310	585,654	-	-	-	-
Central Piedmont	51	\$296,199,890	\$560,852,430	3,163,892	-	-	-	-
Cleveland	14	\$22,983,131	\$68,861,998	301,108	-	-	-	-
Coastal Carolina	15	\$25,802,443	\$62,609,429	331,906	-	-	-	-
Coll. of Albemarle	25	\$28,161,752	\$150,860,844	404,088	-	-	-	-
Craven	15	\$31,819,139	\$61,788,392	315,007	-	-	-	-
Davidson County	29	\$27,794,875	\$87,741,208	455,455	-	-	-	-
Durham	18	\$34,355,718	\$92,271,468	510,737	-	-	-	-
Edgecombe	12	\$19,385,035	\$43,972,586	245,878	-	-	-	-
Fayetteville	38	\$62,274,428	\$141,532,736	935,889	-	-	-	-
Forsyth	36	\$83,290,943	\$164,180,886	964,500	-	-	-	-

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
Gaston	28	\$88,906,476	\$168,093,664	714,567	-	-	-	-
Guilford	52	\$114,553,910	\$307,425,648	1,493,391	-	-	-	-
Halifax	16	\$17,710,747	\$39,015,716	275,321	-	-	-	-
Haywood	26	\$30,023,809	\$56,952,545	355,826	-	-	-	-
Isothermal	24	\$22,032,786	\$62,101,716	356,005	-	-	-	-
James Sprunt	12	\$8,500,536	\$25,745,235	166,650	-	-	-	-
Johnston	25	\$37,416,622	\$84,320,810	468,266	1	\$40,000	\$78,315	1,780
Lenoir	27	\$25,869,008	\$62,873,714	430,249	-	-	-	-
Martin	12	\$4,891,455	\$22,215,875	229,431	-	-	-	-
Mayland	16	\$14,150,346	\$30,093,967	159,916	-	-	-	-
McDowell	10	\$10,404,072	\$27,023,772	159,319	-	-	-	-
Mitchell	28	\$19,772,528	\$61,567,373	400,529	-	-	-	-
Montgomery	7	\$8,850,023	\$20,414,599	129,642	-	-	-	-
Nash	10	\$21,722,044	\$43,360,943	262,731	-	-	-	-
Pamlico	9	\$8,017,519	\$16,975,831	86,035	-	-	-	-
Piedmont	19	\$12,715,560	\$30,130,880	182,713	-	-	-	-
Pitt	26	\$60,645,544	\$103,851,785	582,222	-	-	-	-
Randolph	30	\$26,649,405	\$58,458,300	392,622	-	-	-	-
Richmond	11	\$23,990,083	\$50,808,281	253,209	-	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$27,859,286	167,421	-	-	-	-
Robeson	20	\$21,781,650	\$49,467,151	279,660	-	-	-	-
Rockingham	16	\$15,121,026	\$50,823,959	327,731	-	-	-	-
Rowan-Cabarrus	23	\$56,240,969	\$107,991,425	518,864	-	-	-	-
Sampson	14	\$16,606,673	\$34,788,945	199,414	-	-	-	-
Sandhills	27	\$45,573,443	\$92,180,357	490,288	1	\$52,000	\$1,044,163	5,345
South Piedmont	19	\$14,589,493	\$64,327,716	404,558	-	-	-	-
Southeastern	23	\$14,862,069	\$51,464,247	247,000	-	-	-	-
Southwestern	16	\$26,004,951	\$51,222,148	294,802	-	-	-	-
Stanly	15	\$12,860,020	\$37,887,016	208,656	-	-	-	-
Surry	23	\$27,967,296	\$70,855,483	445,655	-	-	-	-
Tri-County	20	\$6,785,112	\$24,174,584	153,889	-	-	-	-
Vance-Granville	21	\$31,600,629	\$71,134,609	406,209	-	-	-	-
Wake	37	\$143,500,145	\$237,987,569	1,703,651	-	-	-	-
Wayne	19	\$36,345,550	\$75,482,001	402,962	-	-	-	-
Western Piedmont	34	\$16,950,463	\$59,775,848	398,912	-	-	-	-
Wilkes	24	\$25,778,223	\$66,076,112	410,580	-	-	-	-
Wilson	15	\$10,922,905	\$35,104,225	209,319	-	-	-	-
Subtotal	1,259	\$2,294,384,819	\$5,085,884,126	27,986,656	4	\$566,800	\$10,117,020	12,910
Private Institutions								
NC Private Universities								
Barton	24	\$46,796,593	\$89,455,069	333,933	7	\$6,425,757	\$26,078,117	161,233
Campbell	55	\$127,929,548	\$220,440,899	1,041,350	77	\$38,044,510	\$99,711,698	607,664
Mars Hill	26	\$23,471,975	\$93,230,139	553,983	16	\$8,299,780	\$39,000,218	250,831
Pfeiffer	26	\$13,872,559	\$63,986,205	381,576	21	\$3,063,738	\$23,575,174	176,573
Subtotal	131	\$212,070,675	\$467,112,312	2,310,842	121	\$55,833,785	\$188,365,207	1,196,301
Grand Total	3,837	\$9,247,046,519	\$23,790,558,777	97,860,779	652	\$1,283,079,652	\$3,847,057,810	19,740,473

TABLE 21:
AGE OF BUILDINGS

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

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

Percentage Distribution of Gross Area by Age of Buildings

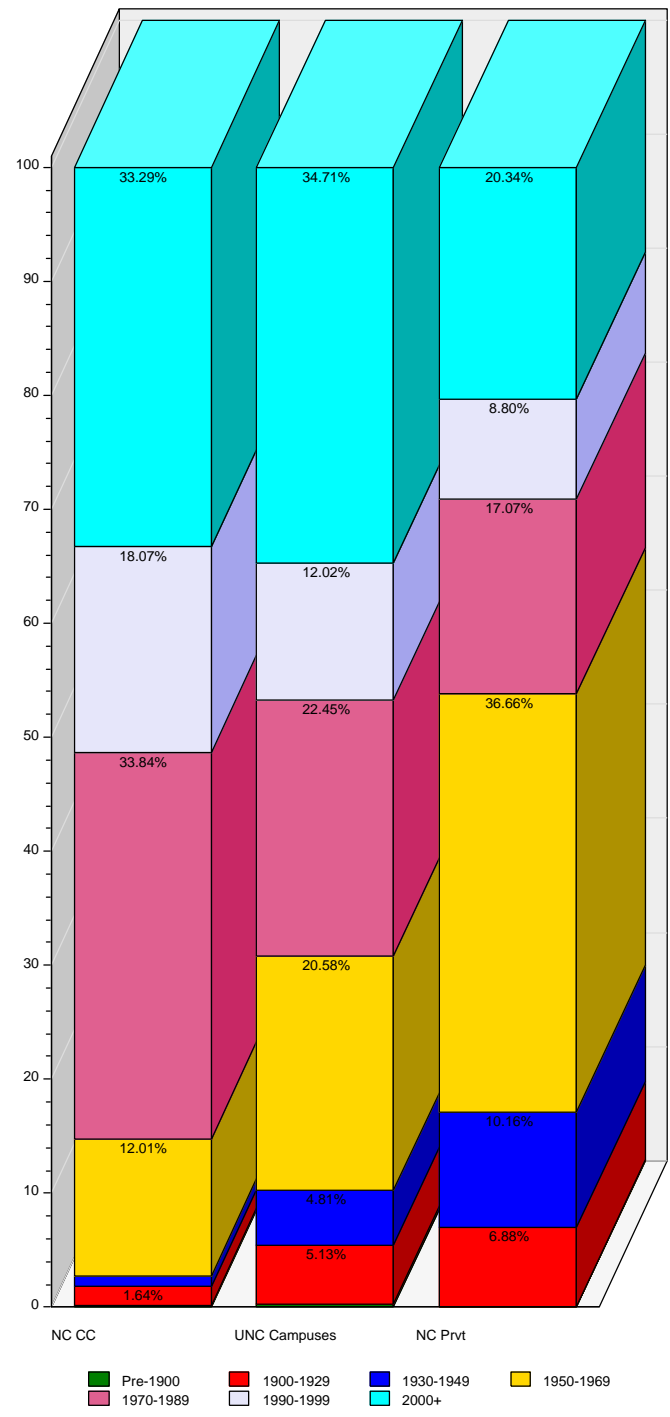
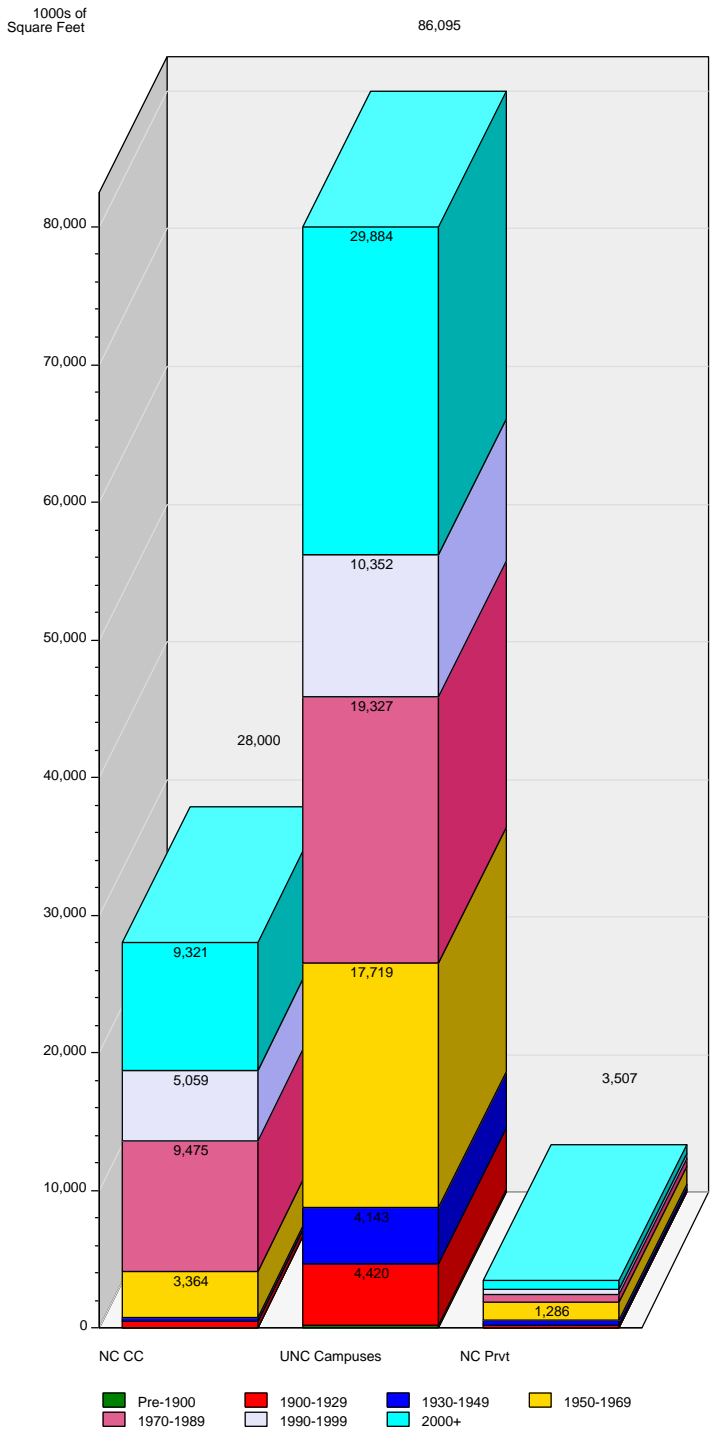


Table 21. Age of Buildings

Institution	Total Gross Square Feet	Period of Construction						
		Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
Public Institutions								
Research Universities I								
NC State	16,097,535	77,273	987,990	1,360,205	3,844,226	3,172,467	2,185,425	4,469,949
NC State Veterinary Med	849,240	-	-	30,615	19,706	375,514	11,659	411,746
UNC-Chapel Hill	13,170,370	135,326	1,346,694	901,210	2,640,112	2,209,497	1,255,394	4,682,137
UNC-Chapel Hill Hlth Aff.	6,365,256	-	-	130,462	932,475	1,701,026	1,216,330	2,384,963
Subtotal	36,482,401	212,599	2,334,684	2,422,492	7,436,519	7,458,504	4,668,808	11,948,795
Doctoral Universities I and II								
East Carolina	4,906,467	-	640,360	206,354	2,136,412	940,865	279,964	702,512
East Carolina Hlth Aff.	1,556,358	-	-	-	40,253	608,660	193,141	714,304
NC A&T	3,165,804	-	83,209	215,322	971,367	724,072	218,657	953,177
UNC Charlotte	8,670,875	-	-	-	495,060	2,005,462	1,478,198	4,692,155
UNC Greensboro	6,053,737	35,417	850,650	262,858	1,124,950	1,121,144	942,233	1,716,485
Subtotal	24,353,241	35,417	1,574,219	684,534	4,768,042	5,400,203	3,112,193	8,778,633
Master's (Comprehensive) Universities and Colleges I								
Appalachian	4,895,596	-	7,010	241,743	1,356,283	1,030,037	499,186	1,761,337
Fayetteville	1,448,406	-	23,364	129,538	307,764	426,887	235,374	325,479
NC Central	2,263,733	-	39,725	210,554	666,161	507,939	174,070	665,284
UNC Pembroke	1,551,034	-	-	-	399,815	436,020	59,142	656,057
UNC Wilmington	3,818,579	-	33,652	-	247,536	1,283,894	254,483	1,999,014
Western Carolina	3,175,222	2,563	56,107	196,152	885,958	1,030,404	2,046	1,001,992
Winston-Salem	1,732,930	-	71,407	56,786	311,767	402,231	310,091	580,648
Subtotal	18,885,500	2,563	231,265	834,773	4,175,284	5,117,412	1,534,392	6,989,811
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,298,136	-	92,594	57,955	255,429	336,100	108,377	447,681
UNC Asheville	1,523,357	-	-	-	266,193	288,793	415,944	552,427
Subtotal	2,821,493	-	92,594	57,955	521,622	624,893	524,321	1,000,108
Schools of Art, Music, and Design								
UNC School of the Arts	1,052,659	-	186,850	91,608	247,393	196,426	98,095	232,287
Subtotal	1,052,659	-	186,850	91,608	247,393	196,426	98,095	232,287
Teaching Hospitals								
UNC Hospitals	2,499,249	-	-	51,256	569,995	529,579	414,366	934,053
Subtotal	2,499,249	-	-	51,256	569,995	529,579	414,366	934,053
Community Colleges								
Alamance	393,712	-	-	-	-	192,616	51,209	149,887
Asheville-Buncombe	894,841	10,161	3,785	-	208,158	270,790	148,395	253,552
Beaufort Co.	270,733	-	-	-	-	128,628	49,928	92,177
Bladen	150,920	-	-	2,520	-	100,175	23,114	25,111
Blue Ridge	401,360	-	-	-	-	146,613	132,770	121,977
Brunswick	389,291	-	-	3,732	22,989	139,256	120,851	102,463
Caldwell	490,265	-	-	-	83,274	168,683	125,316	112,992
Cape Fear	1,616,235	-	-	-	61,015	207,553	214,475	1,133,192
Carteret	236,630	-	2,747	-	11,297	73,956	42,339	106,291
Catawba Valley	566,125	-	-	-	92,330	247,099	63,788	162,908
Central Carolina	585,654	-	23,866	30,035	64,027	108,306	147,387	212,033
Central Piedmont	3,163,892	-	105,483	32,313	218,838	838,648	598,736	1,369,874
Cleveland	301,108	-	-	-	-	190,666	45,260	65,182
Coastal Carolina	331,906	-	-	-	-	216,362	60,664	54,880
Coll. of Albemarle	404,088	-	-	5,268	81,790	178,389	21,800	116,841
Craven	315,007	-	-	-	-	117,255	76,480	121,272
Davidson County	455,455	-	-	3,286	122,284	132,048	129,771	68,066
Durham	510,737	-	-	-	163,189	140,578	89,912	117,058
Edgecombe	245,878	-	20,173	-	-	119,135	28,420	78,150
Fayetteville	935,889	-	-	3,905	202,223	224,864	245,829	259,068
Forsyth	964,500	-	-	-	193,801	245,100	217,139	308,460

Table 21. Age of Buildings

Institution	Total Gross Square Feet	Period of Construction						
		Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
Gaston	714,567	-	63,927	64,000	153,100	140,357	79,354	213,829
Guilford	1,493,391	1,931	-	11,050	125,597	362,219	326,443	666,151
Halifax	275,321	-	-	-	-	110,345	72,533	92,443
Haywood	355,826	-	-	-	11,300	184,394	80,037	80,095
Isothermal	356,005	-	3,119	-	57,962	164,503	61,000	69,421
James Sprunt	166,650	-	2,064	-	23,645	92,941	28,000	20,000
Johnston	470,046	-	-	-	4,948	220,976	91,949	152,173
Lenoir	430,249	-	5,940	-	132,719	154,795	83,666	53,129
Martin	229,431	-	-	-	-	163,591	65,840	-
Mayland	159,916	-	-	-	-	79,739	48,355	31,822
McDowell	159,319	-	-	-	30,104	78,131	18,950	32,134
Mitchell	400,529	28,793	91,303	36,915	58,766	80,908	-	103,844
Montgomery	129,642	-	-	-	600	73,986	48,678	6,378
Nash	262,731	-	-	-	-	159,068	57,099	46,564
Pamlico	86,035	-	-	-	-	40,957	8,932	36,146
Piedmont	182,713	-	-	-	-	134,984	8,705	39,024
Pitt	582,222	-	-	-	75,365	93,027	114,221	299,609
Randolph	392,622	-	-	-	43,991	188,850	52,683	107,098
Richmond	253,209	-	-	9,000	56,560	94,049	38,500	55,100
Roanoke-Chowan	167,421	-	-	-	8,379	114,542	13,000	31,500
Robeson	279,660	-	-	-	-	184,284	19,795	75,581
Rockingham	327,731	-	-	-	148,238	120,791	42,510	16,192
Rowan-Cabarrus	518,864	-	-	-	136,987	84,305	144,848	152,724
Sampson	199,414	-	-	-	4,109	115,265	36,689	43,351
Sandhills	495,633	-	-	-	122,021	143,522	68,051	162,039
South Piedmont	404,558	-	117,000	-	-	125,586	81,512	80,460
Southeastern	247,000	-	-	-	82,095	80,495	38,361	46,049
Southwestern	294,802	-	-	-	-	198,500	30,640	65,662
Stanly	208,656	-	4,600	-	21,381	94,681	46,016	41,978
Surry	445,655	-	-	-	88,195	169,885	67,162	120,413
Tri-County	153,889	-	-	25,130	11,758	96,669	15,600	4,732
Vance-Granville	406,209	-	16,000	-	3,069	235,030	59,403	92,707
Wake	1,703,651	-	-	-	92,808	337,280	233,204	1,040,359
Wayne	402,962	-	-	-	-	192,606	145,037	65,319
Western Piedmont	398,912	-	-	52,182	140,716	122,397	39,030	44,587
Wilkes	410,580	-	-	-	113,335	168,997	49,303	78,945
Wilson	209,319	-	-	-	90,580	86,103	10,170	22,466
Subtotal	27,999,566	40,885	460,007	279,336	3,363,543	9,475,478	5,058,859	9,321,458
Private Institutions								
NC Private Universities								
Barton	495,166	-	6,000	21,508	325,969	41,564	28,669	71,456
Campbell	1,649,014	-	118,919	44,966	435,406	354,796	204,426	490,501
Mars Hill	804,814	3,000	115,161	119,975	243,184	156,172	73,962	93,360
Pfeiffer	558,149	-	1,288	170,004	281,148	46,152	1,426	58,131
Subtotal	3,507,143	3,000	241,368	356,453	1,285,707	598,684	308,483	713,448
Grand Total	117,601,252	294,464	5,120,987	4,778,407	22,368,105	29,401,179	15,719,517	39,918,593

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 2013 FCAP cycle (March, 2014), 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. Condition of Buildings: Gross Square Footage

Institution	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Public Institutions													
Research Universities I													
NC State	8,679,753	53.9	3,946,360	24.5	2,108,794	13.1	1,344,475	8.4	18,153	0.1	-	-	16,097,535
NC State Veterinary Med	787,173	92.7	39,965	4.7	18,684	2.2	3,418	0.4	-	-	-	-	849,240
UNC-Chapel Hill	10,094,081	76.6	2,169,505	16.5	687,767	5.2	120,949	0.9	98,068	0.7	-	-	13,170,370
UNC-Chapel Hill Hlth Aff.	5,577,431	87.6	540,848	8.5	236,810	3.7	-	-	8,928	0.1	1,239	0.0	6,365,256
Subtotal	25,138,438	68.9	6,696,678	18.4	3,052,055	8.4	1,468,842	4.0	125,149	0.3	1,239	0.0	36,482,401
Doctoral Universities I and II													
East Carolina	1,425,217	29.0	962,847	19.6	492,209	10.0	2,026,047	41.3	-	-	147	0.0	4,906,467
East Carolina Hlth Aff.	1,009,283	64.8	32,015	2.1	493,410	31.7	8,806	0.6	-	-	12,844	0.8	1,556,358
NC A&T	1,594,471	50.4	130,194	4.1	431,351	13.6	1,009,788	31.9	-	-	-	-	3,165,804
UNC Charlotte	7,178,731	82.8	693,068	8.0	688,237	7.9	110,839	1.3	-	-	-	-	8,670,875
UNC Greensboro	4,299,818	71.0	1,076,666	17.8	363,376	6.0	312,781	5.2	1,096	0.0	-	-	6,053,737
Subtotal	15,507,520	63.7	2,894,790	11.9	2,468,583	10.1	3,468,261	14.2	1,096	0.0	12,991	0.1	24,353,241
Master's (Comprehensive) Universities and Colleges I													
Appalachian	4,461,405	91.1	260,551	5.3	133,000	2.7	40,640	0.8	-	-	-	-	4,895,596
Fayetteville	1,323,961	91.4	88,958	6.1	35,487	2.5	-	-	-	-	-	-	1,448,406
NC Central	1,924,111	85.0	130,106	5.7	121,789	5.4	81,348	3.6	6,379	0.3	-	-	2,263,733
UNC Pembroke	1,508,054	97.2	42,980	2.8	-	-	-	-	-	-	-	-	1,551,034
UNC Wilmington	3,783,432	99.1	5,066	0.1	-	-	30,081	0.8	-	-	-	-	3,818,579
Western Carolina	1,981,700	62.4	1,021,286	32.2	137,422	4.3	34,814	1.1	-	-	-	-	3,175,222
Winston-Salem	984,144	56.8	517,090	29.8	122,057	7.0	75,516	4.4	34,123	2.0	-	-	1,732,930
Subtotal	15,966,807	84.5	2,066,037	10.9	549,755	2.9	262,399	1.4	40,502	0.2	-	-	18,885,500
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	861,398	66.4	333,221	25.7	85,417	6.6	18,100	1.4	-	-	-	-	1,298,136
UNC Asheville	909,453	59.7	379,516	24.9	10,715	0.7	223,673	14.7	-	-	-	-	1,523,357
Subtotal	1,770,851	62.8	712,737	25.3	96,132	3.4	241,773	8.6	-	-	-	-	2,821,493
Schools of Art, Music, and Design													
UNC School of the Arts	734,565	69.8	218,874	20.8	55,219	5.2	42,817	4.1	1,184	0.1	-	-	1,052,659
Subtotal	734,565	69.8	218,874	20.8	55,219	5.2	42,817	4.1	1,184	0.1	-	-	1,052,659
Teaching Hospitals													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Subtotal	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Community Colleges													
Alamance	393,712	100.0	-	-	-	-	-	-	-	-	-	-	393,712
Asheville-Buncombe	747,566	83.5	147,275	16.5	-	-	-	-	-	-	-	-	894,841
Beaufort Co.	270,733	100.0	-	-	-	-	-	-	-	-	-	-	270,733
Bladen	147,980	98.1	420	0.3	-	-	2,520	1.7	-	-	-	-	150,920
Blue Ridge	338,260	84.3	-	-	63,100	15.7	-	-	-	-	-	-	401,360
Brunswick	362,570	93.1	3,732	1.0	20,314	5.2	-	-	-	-	2,675	0.7	389,291
Caldwell	490,265	100.0	-	-	-	-	-	-	-	-	-	-	490,265
Cape Fear	1,385,447	85.7	159,885	9.9	7,965	0.5	26,409	1.6	-	-	36,529	2.3	1,616,235
Carteret	222,586	94.1	-	-	5,197	2.2	8,847	3.7	-	-	-	-	236,630
Catawba Valley	566,125	100.0	-	-	-	-	-	-	-	-	-	-	566,125
Central Carolina	571,404	97.6	14,250	2.4	-	-	-	-	-	-	-	-	585,654
Central Piedmont	1,799,507	56.9	994,760	31.4	263,688	8.3	105,937	3.3	-	-	-	-	3,163,892
Cleveland	301,108	100.0	-	-	-	-	-	-	-	-	-	-	301,108
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	363,670	90.0	29,800	7.4	-	-	10,618	2.6	-	-	-	-	404,088
Craven	315,007	100.0	-	-	-	-	-	-	-	-	-	-	315,007
Davidson County	455,455	100.0	-	-	-	-	-	-	-	-	-	-	455,455
Durham	510,737	100.0	-	-	-	-	-	-	-	-	-	-	510,737
Edgecombe	245,878	100.0	-	-	-	-	-	-	-	-	-	-	245,878
Fayetteville	935,690	100.0	-	-	-	-	-	-	-	-	199	0.0	935,889
Forsyth	964,500	100.0	-	-	-	-	-	-	-	-	-	-	964,500
Gaston	714,567	100.0	-	-	-	-	-	-	-	-	-	-	714,567

Table 22. Condition of Buildings: Gross Square Footage

Institution	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	Sq. Ft.
Guilford	1,057,257	70.8	177,394	11.9	157,544	10.5	99,265	6.6	-	-	1,931	0.1	1,493,391
Halifax	275,321	100.0	-	-	-	-	-	-	-	-	-	-	275,321
Haywood	314,166	88.3	39,500	11.1	-	-	-	-	-	-	2,160	0.6	355,826
Isothermal	356,005	100.0	-	-	-	-	-	-	-	-	-	-	356,005
James Sprunt	163,986	98.4	-	-	-	-	2,664	1.6	-	-	-	-	166,650
Johnston	470,046	100.0	-	-	-	-	-	-	-	-	-	-	470,046
Lenoir	430,249	100.0	-	-	-	-	-	-	-	-	-	-	430,249
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	159,622	99.8	-	-	-	-	-	-	294	0.2	-	-	159,916
McDowell	159,319	100.0	-	-	-	-	-	-	-	-	-	-	159,319
Mitchell	196,819	49.1	37,035	9.2	55,755	13.9	110,920	27.7	-	-	-	-	400,529
Montgomery	129,642	100.0	-	-	-	-	-	-	-	-	-	-	129,642
Nash	262,731	100.0	-	-	-	-	-	-	-	-	-	-	262,731
Pamlico	84,556	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,035
Piedmont	182,713	100.0	-	-	-	-	-	-	-	-	-	-	182,713
Pitt	511,349	87.8	-	-	-	-	69,551	11.9	-	-	1,322	0.2	582,222
Randolph	392,622	100.0	-	-	-	-	-	-	-	-	-	-	392,622
Richmond	253,209	100.0	-	-	-	-	-	-	-	-	-	-	253,209
Roanoke-Chowan	167,421	100.0	-	-	-	-	-	-	-	-	-	-	167,421
Robeson	279,660	100.0	-	-	-	-	-	-	-	-	-	-	279,660
Rockingham	327,731	100.0	-	-	-	-	-	-	-	-	-	-	327,731
Rowan-Cabarrus	475,830	91.7	-	-	43,034	8.3	-	-	-	-	-	-	518,864
Sampson	199,414	100.0	-	-	-	-	-	-	-	-	-	-	199,414
Sandhills	395,392	79.8	57,779	11.7	-	-	42,462	8.6	-	-	-	-	495,633
South Piedmont	404,558	100.0	-	-	-	-	-	-	-	-	-	-	404,558
Southeastern	69,124	28.0	64,775	26.2	79,092	32.0	34,009	13.8	-	-	-	-	247,000
Southwestern	294,802	100.0	-	-	-	-	-	-	-	-	-	-	294,802
Stanly	208,656	100.0	-	-	-	-	-	-	-	-	-	-	208,656
Surry	445,655	100.0	-	-	-	-	-	-	-	-	-	-	445,655
Tri-County	153,025	99.4	-	-	-	-	-	-	-	-	864	0.6	153,889
Vance-Granville	390,209	96.1	-	-	16,000	3.9	-	-	-	-	-	-	406,209
Wake	1,599,385	93.9	-	-	-	-	104,266	6.1	-	-	-	-	1,703,651
Wayne	402,962	100.0	-	-	-	-	-	-	-	-	-	-	402,962
Western Piedmont	346,730	86.9	-	-	51,822	13.0	360	0.1	-	-	-	-	398,912
Wilkes	407,065	99.1	-	-	-	-	-	-	-	-	3,515	0.9	410,580
Wilson	209,319	100.0	-	-	-	-	-	-	-	-	-	-	209,319
Subtotal	24,840,654	88.7	1,726,605	6.2	764,990	2.7	617,828	2.2	294	0.0	49,195	0.2	27,999,566
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,559,535	94.6	45,196	2.7	44,283	2.7	-	-	-	-	-	-	1,649,014
Mars Hill	356,547	44.3	260,554	32.4	110,483	13.7	77,230	9.6	-	-	-	-	804,814
Pfeiffer	533,051	95.5	9,444	1.7	13,670	2.4	-	-	1,984	0.4	-	-	558,149
Subtotal	2,944,299	84.0	315,194	9.0	168,436	4.8	77,230	2.2	1,984	0.1	-	-	3,507,143
Grand Total	89,402,383	76.0	14,630,915	12.4	7,155,170	6.1	6,179,150	5.3	170,209	0.1	63,425	0.1	117,601,252

Table 22a. FCAP 2013: Facilities Maintenance and Repair

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

Institution	Appropriated Facilities	Non- Appropriated Facilities	Total Deficiency
N.C. State	399,715,261	114,606,282	514,321,543
UNC-Chapel Hill	438,498,198	235,955,844	674,454,042
East Carolina	330,010,146	111,772,601	441,782,747
UNC-Greensboro	174,654,908	177,345,414	352,000,322
Appalachian State	96,361,574	63,124,802	159,486,376
Fayetteville State	14,999,345	17,632,108	32,631,453
N.C. A&T State	72,010,766	21,066,617	93,077,383
N.C. Central	56,719,812	18,447,769	75,167,581
UNC-Charlotte	77,852,617	58,865,072	136,717,689
UNC-Pembroke	26,146,619	20,215,369	46,361,988
UNC-Wilmington	125,969,202	61,095,435	187,064,637
Western Carolina	109,841,849	91,166,239	201,008,088
Elizabeth City	34,434,027	79,719,014	114,153,041
UNC-Asheville	53,408,325	8,453,923	61,862,248
Winston-Salem State	73,201,874	38,487,210	111,689,084
N.C. School of the Arts	18,152,910	7,400,657	25,553,567
UNCCH-Health Affairs	283,399,830	237,247	283,637,077
ECU-Health Affairs	31,462,546	1,989,087	33,451,633
NCSU Vet School	15,019,578	25,549	15,045,127
UNC TOTAL	2,431,859,387	1,1,27,606,239	3,559,465,626

TABLE 23:

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

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

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

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

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

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

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

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

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

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

Institution	Total No. of Facilities	Original Building Cost	Estimated Replacement Cost	No. of Less Than Satisfactory Facilities	GSF of Less Than Satisfactory Facilities	Estimated Cost of Restoring Facilities to Satisfactory Condition
Public Institutions						
Research Universities I						
NC State	1,128	\$1,100,911,399	\$4,285,105,857	522	7,417,782	\$730,379,513
NC State Veterinary Med	39	\$105,227,698	\$286,006,834	14	62,067	\$3,570,146
UNC-Chapel Hill	374	\$1,458,089,740	\$3,390,481,685	68	3,076,289	\$215,850,864
UNC-Chapel Hill Hlth Aff.	105	\$658,939,086	\$1,629,409,783	23	787,825	\$66,140,439
Subtotal	1,646	\$3,323,167,923	\$9,591,004,159	627	11,343,963	\$1,015,940,962
Doctoral Universities I and II						
East Carolina	151	\$311,242,888	\$1,270,427,429	104	3,481,250	\$411,764,227
East Carolina Hlth Aff.	52	\$243,683,573	\$466,940,173	21	547,075	\$49,520,528
NC A&T	118	\$224,881,807	\$819,757,134	44	1,571,333	\$269,872,127
UNC Charlotte	107	\$873,845,466	\$1,595,325,456	30	1,492,144	\$99,199,388
UNC Greensboro	122	\$349,861,002	\$2,169,452,123	37	1,753,919	\$243,395,247
Subtotal	550	\$2,003,514,736	\$6,321,902,315	236	8,845,721	\$1,073,751,517
Master's (Comprehensive) Universities and Colleges I						
Appalachian	94	\$459,449,700	\$1,060,133,068	14	434,191	\$26,911,266
Fayetteville	52	\$131,237,797	\$282,700,919	10	124,445	\$4,380,014
NC Central	65	\$234,103,970	\$743,290,978	18	339,622	\$39,410,206
UNC Pembroke	49	\$159,008,287	\$365,781,488	2	42,980	\$1,789,268
UNC Wilmington	153	\$446,422,537	\$775,374,679	2	35,147	\$3,667,746
Western Carolina	106	\$261,595,364	\$614,885,916	44	1,193,522	\$44,256,409
Winston-Salem	49	\$129,039,513	\$321,995,591	25	748,786	\$41,175,939
Subtotal	568	\$1,820,857,168	\$4,164,162,639	115	2,918,693	\$161,590,848
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	59	\$108,967,605	\$284,653,586	25	436,738	\$22,807,573
UNC Asheville	38	\$179,004,007	\$425,038,190	17	613,904	\$73,420,672
Subtotal	97	\$287,971,612	\$709,691,776	42	1,050,642	\$96,228,245
Schools of Art, Music, and Design						
UNC School of the Arts	67	\$74,914,547	\$218,263,945	27	318,094	\$14,595,566
Subtotal	67	\$74,914,547	\$218,263,945	27	318,094	\$14,595,566
Teaching Hospitals						
UNC Hospitals	30	\$456,844,106	\$881,113,088	-	-	-
Subtotal	30	\$456,844,106	\$881,113,088	-	-	-
Community Colleges						
Alamance	15	\$28,900,315	\$156,779,713	-	-	-
Asheville-Buncombe	24	\$119,206,462	\$211,184,877	1	147,275	\$14,163,509
Beaufort Co.	17	\$22,638,835	\$44,557,452	-	-	-
Bladen	24	\$8,626,162	\$23,282,792	2	2,940	\$258,462
Blue Ridge	15	\$35,342,638	\$68,889,641	1	63,100	\$4,195,920
Brunswick	19	\$43,507,286	\$71,138,693	3	26,721	\$1,467,970
Caldwell	22	\$43,597,730	\$92,981,975	-	-	-
Cape Fear	36	\$179,903,122	\$283,367,342	9	230,788	\$16,337,589
Carteret	17	\$17,478,813	\$44,880,474	4	14,044	\$1,244,777
Catawba Valley	17	\$33,898,394	\$82,530,087	-	-	-
Central Carolina	37	\$39,674,645	\$100,580,310	1	14,250	\$293,676
Central Piedmont	51	\$296,199,890	\$560,852,430	25	1,364,385	\$62,721,663
Cleveland	14	\$22,983,131	\$68,861,998	-	-	-
Coastal Carolina	15	\$25,802,443	\$62,609,429	-	-	-
Coll. of Albemarle	25	\$28,161,752	\$150,860,844	5	40,418	\$3,542,924
Craven	15	\$31,819,139	\$61,788,392	-	-	-
Davidson County	29	\$27,794,875	\$87,741,208	-	-	-
Durham	18	\$34,355,718	\$92,271,468	-	-	-
Edgecombe	12	\$19,385,035	\$43,972,586	-	-	-
Fayetteville	38	\$62,274,428	\$141,532,736	1	199	\$10,987

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
Forsyth	36	\$83,290,943	\$164,180,886	-	-	-
Gaston	28	\$88,906,476	\$168,093,664	-	-	-
Guilford	52	\$114,553,910	\$307,425,648	19	436,134	\$36,019,516
Halifax	16	\$17,710,747	\$39,015,716	-	-	-
Haywood	26	\$30,023,809	\$56,952,545	2	41,660	\$1,323,071
Isothermal	24	\$22,032,786	\$62,101,716	-	-	-
James Sprunt	12	\$8,500,536	\$25,745,235	2	2,664	\$205,515
Johnston	26	\$37,456,622	\$84,399,125	-	-	-
Lenoir	27	\$25,869,008	\$62,873,714	-	-	-
Martin	12	\$4,891,455	\$22,215,875	-	-	-
Mayland	16	\$14,150,346	\$30,093,967	1	294	\$42,782
McDowell	10	\$10,404,072	\$27,023,772	-	-	-
Mitchell	28	\$19,772,528	\$61,567,373	11	203,710	\$15,663,194
Montgomery	7	\$8,850,023	\$20,414,599	-	-	-
Nash	10	\$21,722,044	\$43,360,943	-	-	-
Pamlico	9	\$8,017,519	\$16,975,831	1	1,479	\$95,361
Piedmont	19	\$12,715,560	\$30,130,880	-	-	-
Pitt	26	\$60,645,544	\$103,851,785	3	70,873	\$8,095,369
Randolph	30	\$26,649,405	\$58,458,300	-	-	-
Richmond	11	\$23,990,083	\$50,808,281	-	-	-
Roanoke-Chowan	9	\$9,704,773	\$27,859,286	-	-	-
Robeson	20	\$21,781,650	\$49,467,151	-	-	-
Rockingham	16	\$15,121,026	\$50,823,959	-	-	-
Rowan-Cabarrus	23	\$56,240,969	\$107,991,425	1	43,034	\$2,525,305
Sampson	14	\$16,606,673	\$34,788,945	-	-	-
Sandhills	28	\$45,625,443	\$93,224,520	7	100,241	\$5,567,312
South Piedmont	19	\$14,589,493	\$64,327,716	-	-	-
Southeastern	23	\$14,862,069	\$51,464,247	13	177,876	\$14,644,847
Southwestern	16	\$26,004,951	\$51,222,148	-	-	-
Stanly	15	\$12,860,020	\$37,887,016	-	-	-
Surry	23	\$27,967,296	\$70,855,483	-	-	-
Tri-County	20	\$6,785,112	\$24,174,584	1	864	\$80,458
Vance-Granville	21	\$31,600,629	\$71,134,609	1	16,000	\$168,413
Wake	37	\$143,500,145	\$237,987,569	2	104,266	\$1,898,212
Wayne	19	\$36,345,550	\$75,482,001	-	-	-
Western Piedmont	34	\$16,950,463	\$59,775,848	12	52,182	\$416,784
Wilkes	24	\$25,778,223	\$66,076,112	1	3,515	\$118,087
Wilson	15	\$10,922,905	\$35,104,225	-	-	-
Subtotal	1,261	\$2,294,951,619	\$5,096,001,146	129	3,158,912	\$191,101,703
Private Institutions						
NC Private Universities						
Barton	31	\$53,222,350	\$115,533,186	-	-	-
Campbell	130	\$165,974,058	\$320,152,597	11	89,479	\$4,412,061
Mars Hill	41	\$31,771,755	\$132,230,357	23	448,267	\$22,758,490
Pfeiffer	47	\$16,936,297	\$87,561,379	5	25,098	\$1,245,757
Subtotal	249	\$267,904,460	\$655,477,519	39	562,844	\$28,416,308
Grand Total	4,468	\$10,530,126,171	\$27,637,616,587	1,215	28,198,869	\$258,162,514

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Creative Arts Building, Haywood Community College

Haywood Community College’s objective when building this new \$10 million facility was to showcase its internationally recognized creative arts program and demonstrate the college’s commitment to sustainability. This 41,000 square foot building which accommodates the clay, jewelry, wood and fiber programs consists of three levels stepping down a heavily wooded, south facing hillside. Each of the four major studio spaces are arranged so they have access to ground level entry. This allowed the entire facility to be optimally oriented for solar access, provided excellent daylighting, natural ventilation, and 100 percent accessibility to the mobility impaired.

The building has a constructed wetland pond to reduce pollutants from storm water runoff and replenish local mountain streams with cleansed water. A rainwater harvesting system collected from the roof areas and utilizing a 25,000 gallon tank with UV treatment saves over 570,000 gallons of potable water each year. In addition, a 400 gallon storage tank is tied to seven solar collectors and provides the majority of domestic hot water needs. For heating, 152 solar collectors combined with a 15,000 gallon storage tank provides heat for the radiant floor heating system and 50 ton absorption chiller.

Over 85 percent of the facility’s regularly occupied spaces maximize daylighting by using fiber filled glazing with exterior lightshelves on southern exposures and north facing clerestories with clear glazing. Supplemental lighting is controlled by daylighting sensors that automatically dims light fixtures to optimum levels.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 131
 Accessible Area by Programs and Subprograms 135
 Accessible Area by Room Code 149

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TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

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

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

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

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

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2013	2012	2011	2010	2009
Public Institutions							
Research Universities I							
NC State	8,683,235	7,105,516	81.8	80.0	73.4	71.2	69.6
NC State Veterinary Med	424,851	379,336	89.3	89.3	81.0	77.4	76.9
UNC-Chapel Hill	7,222,629	7,215,241	99.9	91.3	91.0	91.0	88.2
UNC-Chapel Hill Hlth Aff.	2,530,262	2,527,534	99.9	98.3	98.4	98.3	93.9
Subtotal	18,860,977	17,227,627	91.3	87.2	83.8	82.7	80.4
Doctoral Universities I and II							
East Carolina	3,272,813	2,766,847	84.5	97.1	88.1	100.0	52.7
East Carolina Hlth Aff.	827,019	827,019	100.0	99.8	99.8	100.0	68.4
NC A&T	2,218,401	2,048,691	92.3	92.2	92.3	92.0	92.0
UNC Charlotte	3,493,311	3,284,067	94.0	93.0	92.7	94.5	95.8
UNC Greensboro	2,997,367	2,652,612	88.5	89.4	83.8	86.3	87.2
Subtotal	12,808,911	11,579,236	90.4	93.6	89.8	94.1	79.3
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,821,238	2,319,419	82.2	82.0	81.7	80.1	80.0
Fayetteville	892,087	810,850	90.9	90.5	89.8	89.0	88.4
NC Central	1,457,852	1,317,427	90.4	90.4	90.1	86.7	86.7
UNC Pembroke	1,023,469	915,881	89.5	89.5	89.0	87.5	87.5
UNC Wilmington	2,179,820	1,749,754	80.3	78.8	100.0	93.4	92.8
Western Carolina	2,028,270	1,507,319	74.3	74.3	73.7	73.6	73.0
Winston-Salem	1,114,239	935,912	84.0	84.0	83.6	83.6	81.3
Subtotal	11,516,975	9,556,562	83.0	82.5	86.3	84.0	83.5
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	862,299	718,949	83.4	83.4	83.2	82.6	81.7
UNC Asheville	887,132	855,783	96.5	96.5	96.3	94.2	93.6
Subtotal	1,749,431	1,574,732	90.0	90.1	89.7	88.2	87.6
Schools of Art, Music, and Design							
UNC School of the Arts	738,551	612,264	82.9	79.1	77.1	77.1	77.0
Subtotal	738,551	612,264	82.9	79.1	77.1	77.1	77.0
Teaching Hospitals							
UNC Hospitals	1,358,302	1,194,182	87.9	87.9	87.9	87.9	87.9
Subtotal	1,358,302	1,194,182	87.9	87.9	87.9	87.9	87.9
Community Colleges							
Alamance	238,366	238,005	99.8	99.6	99.6	99.6	99.5
Asheville-Buncombe	511,055	494,975	96.9	96.5	96.2	96.2	96.2
Beaufort Co.	189,556	189,075	99.7	99.7	99.7	99.7	99.7
Bladen	110,946	108,883	98.1	98.2	98.2	98.2	98.0
Blue Ridge	290,314	290,314	100.0	100.0	100.0	100.0	100.0
Brunswick	254,175	246,370	96.9	96.8	96.8	96.6	96.6
Caldwell	340,713	338,030	99.2	99.2	99.2	99.2	99.2
Cape Fear	614,635	606,908	98.7	98.4	98.4	99.2	99.2
Carteret	167,124	157,809	94.4	94.4	94.3	94.3	94.3
Catawba Valley	365,292	364,557	99.8	99.8	99.8	99.8	99.8
Central Carolina	404,568	403,002	99.6	99.6	99.6	99.6	98.8
Central Piedmont	1,289,900	1,274,931	98.8	98.8	98.7	98.7	98.9
Cleveland	207,079	205,869	99.4	99.4	99.4	99.4	99.4
Coastal Carolina	218,626	217,662	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	272,245	272,145	100.0	100.0	100.0	100.0	100.0
Craven	210,443	200,230	95.1	95.1	95.0	95.0	95.7
Davidson County	310,482	302,547	97.4	97.4	97.3	96.7	96.6
Durham	343,071	303,207	88.4	88.4	88.3	88.1	88.4
Edgecombe	169,084	161,175	95.3	95.3	95.3	95.3	95.3
Fayetteville	630,851	598,317	94.8	94.5	94.2	94.1	94.4
Forsyth	668,782	661,682	98.9	98.8	98.6	98.6	98.5

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2013	2012	2011	2010	2009
Gaston	475,497	449,552	94.5	94.5	94.4	93.6	93.6
Guilford	884,897	833,985	94.2	94.2	93.6	95.0	94.6
Halifax	187,362	186,839	99.7	99.7	99.7	99.7	99.7
Haywood	253,015	246,311	97.4	97.1	93.0	92.7	92.9
Isothermal	241,215	223,696	92.7	92.5	91.9	91.9	91.9
James Sprunt	117,674	112,227	95.4	93.9	93.9	93.9	93.8
Johnston	338,241	331,970	98.1	98.2	98.2	98.0	98.0
Lenoir	322,942	317,299	98.3	97.4	96.4	96.9	96.9
Martin	170,782	146,952	86.0	86.0	86.0	86.0	86.0
Mayland	113,020	109,108	96.5	96.8	96.9	96.5	96.6
McDowell	117,076	114,980	98.2	98.2	98.2	98.2	97.7
Mitchell	268,212	243,571	90.8	90.8	90.8	90.1	90.1
Montgomery	92,421	92,397	100.0	100.0	100.0	100.0	98.5
Nash	175,598	173,877	99.0	99.0	99.0	99.0	99.0
Pamlico	55,243	54,694	99.0	99.0	99.0	97.8	97.8
Piedmont	143,109	141,444	98.8	98.8	98.8	98.8	98.8
Pitt	376,412	376,038	99.9	99.9	99.2	99.1	99.0
Randolph	293,984	293,501	99.8	99.8	99.8	99.8	99.8
Richmond	177,786	166,319	93.6	93.1	93.3	93.3	92.7
Roanoke-Chowan	117,209	113,541	96.9	96.9	96.9	96.9	96.9
Robeson	201,239	201,215	100.0	100.0	100.0	100.0	100.0
Rockingham	230,981	214,337	92.8	92.8	92.8	92.8	92.8
Rowan-Cabarrus	378,353	378,326	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	321,663	310,491	96.5	97.0	96.8	96.8	96.7
South Piedmont	322,160	281,442	87.4	85.1	85.0	84.8	84.8
Southeastern	183,591	181,938	99.1	98.9	98.1	98.2	94.7
Southwestern	203,835	197,356	96.8	96.9	96.5	96.5	96.5
Stanly	147,199	146,727	99.7	99.7	99.7	99.7	99.7
Surry	313,753	308,023	98.2	98.1	98.1	97.8	97.8
Tri-County	117,608	114,591	97.4	97.4	97.4	97.4	97.4
Vance-Granville	264,751	258,282	97.6	97.3	97.3	97.3	97.3
Wake	848,436	837,313	98.7	98.7	98.5	96.6	96.7
Wayne	255,443	253,115	99.1	99.1	99.0	99.0	99.0
Western Piedmont	287,293	244,588	85.1	83.2	83.2	83.2	83.2
Wilkes	298,201	293,325	98.4	98.4	98.3	98.3	98.3
Wilson	143,403	140,260	97.8	97.8	97.8	97.8	97.8
Subtotal	17,385,968	16,863,193	97.0	96.8	96.6	96.5	96.4
Private Institutions							
NC Private Universities							
Barton	350,454	328,517	93.7	93.8	93.8	93.8	93.8
Campbell	1,122,004	820,481	73.1	71.8	71.8	72.0	71.1
Mars Hill	543,596	318,610	58.6	58.2	58.2	58.2	58.2
Pfeiffer	373,986	197,229	52.7	52.7	52.7	53.2	52.7
Subtotal	2,390,040	1,664,837	69.7	68.9	68.9	69.0	68.4
Grand Total	66,809,155	60,272,633	90.2	89.4	88.3	88.3	84.7

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TABLE 25:

ACCESSIBLE AREA

BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25. Percentage Distribution of Accessible Area by Summary Programs

	Accessible Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Public Institutions										
Research Universities I										
NC State	7,105,516	92.6	81.0	79.2	97.7	71.3	88.6	81.7	96.2	65.2
NC State Veterinary Med	379,336	68.9	92.3	98.7	100.0	100.0	100.0	90.7	100.0	-
UNC-Chapel Hill	7,215,241	99.9	100.0	99.7	100.0	99.9	99.9	100.0	99.8	99.2
UNC-Chapel Hill Hlth Aff.	2,527,534	99.9	99.9	99.7	99.8	99.9	100.0	99.8	100.0	99.7
Subtotal	17,227,627	96.1	88.8	90.4	99.1	88.1	94.1	94.1	97.6	80.2
Doctoral Universities I and II										
East Carolina	2,766,847	94.5	59.6	95.3	98.4	97.4	87.3	35.2	100.0	2.8
East Carolina Hlth Aff.	827,019	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0
NC A&T	2,048,691	98.3	99.2	100.0	98.2	78.6	99.3	78.1	100.0	100.0
UNC Charlotte	3,284,067	96.9	98.9	100.0	94.4	92.3	90.6	68.4	-	98.4
UNC Greensboro	2,652,612	95.8	90.7	98.9	89.6	85.0	96.0	77.9	100.0	75.3
Subtotal	11,579,236	96.5	93.9	99.6	95.2	90.0	94.3	62.8	100.0	37.5
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,319,419	89.3	73.4	32.7	100.0	78.5	79.0	88.9	100.0	100.0
Fayetteville	810,850	98.4	100.0	100.0	100.0	77.6	97.2	100.0	100.0	93.9
NC Central	1,317,427	90.9	98.1	96.5	94.9	91.3	76.8	76.0	99.5	88.2
UNC Pembroke	915,881	97.2	100.0	100.0	100.0	81.7	98.9	99.8	-	-
UNC Wilmington	1,749,754	98.0	86.9	87.6	98.3	67.6	91.3	98.8	-	88.5
Western Carolina	1,507,319	94.2	91.3	100.0	95.5	60.5	54.7	98.4	100.0	89.3
Winston-Salem	935,912	81.8	94.0	95.6	94.5	87.7	61.4	92.5	100.0	49.2
Subtotal	9,556,562	92.6	89.7	55.7	97.5	75.3	78.0	94.7	99.9	86.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	718,949	96.6	100.0	100.0	99.0	74.1	73.7	100.0	-	58.7
UNC Asheville	855,783	100.0	100.0	100.0	100.0	94.1	89.4	100.0	100.0	100.0
Subtotal	1,574,732	98.1	100.0	100.0	99.7	84.6	80.4	100.0	100.0	59.1
Schools of Art, Music, and Design										
UNC School of the Arts	612,264	91.5	-	100.0	86.6	84.4	59.8	8.0	100.0	53.3
Subtotal	612,264	91.5	-	100.0	86.6	84.4	59.8	8.0	100.0	53.3
Teaching Hospitals										
UNC Hospitals	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
Subtotal	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
Community Colleges										
Alamance	238,005	99.8	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Asheville-Buncombe	494,975	97.7	-	100.0	100.0	97.9	83.4	100.0	98.1	95.8
Beaufort Co.	189,075	99.9	-	100.0	100.0	99.4	98.6	100.0	100.0	-
Bladen	108,883	97.3	-	100.0	98.7	100.0	99.7	100.0	100.0	-
Blue Ridge	290,314	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Brunswick	246,370	98.6	-	100.0	100.0	100.0	97.7	100.0	92.6	100.0
Caldwell	338,030	99.8	-	100.0	100.0	95.5	96.4	100.0	100.0	100.0
Cape Fear	606,908	98.4	100.0	100.0	100.0	98.2	99.5	99.5	100.0	100.0
Carteret	157,809	96.3	-	-	71.1	91.9	97.7	100.0	100.0	-
Catawba Valley	364,557	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	403,002	99.6	-	100.0	98.5	100.0	100.0	100.0	100.0	100.0
Central Piedmont	1,274,931	99.2	-	97.5	99.3	99.3	98.6	94.2	100.0	95.0
Cleveland	205,869	100.0	-	100.0	100.0	100.0	93.1	100.0	100.0	100.0
Coastal Carolina	217,662	100.0	-	100.0	100.0	100.0	92.8	100.0	-	-
Coll. of Albemarle	272,145	99.9	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Craven	200,230	99.2	-	100.0	59.2	99.6	97.4	85.1	99.6	-
Davidson County	302,547	98.5	-	54.4	97.1	100.0	99.9	100.0	89.9	-
Durham	303,207	99.7	-	-	99.9	100.0	93.8	7.9	100.0	-
Edgecombe	161,175	93.8	-	100.0	98.1	100.0	100.0	100.0	76.2	-
Fayetteville	598,317	95.7	-	100.0	97.4	98.2	91.3	61.2	100.0	-
Forsyth	661,682	99.4	-	100.0	99.4	100.0	99.7	66.7	100.0	100.0

Table 25. Percentage Distribution of Accessible Area by Summary Programs

	Accessible Sq. Ft.	In- struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un- assigned 00
Gaston	449,552	93.8	100.0	-	100.0	98.6	87.0	80.2	100.0	100.0
Guilford	833,985	96.0	-	85.5	84.9	97.7	92.0	94.2	99.3	88.9
Halifax	186,839	100.0	-	98.8	100.0	100.0	99.1	98.4	100.0	-
Haywood	246,311	97.8	-	100.0	100.0	100.0	92.4	100.0	100.0	91.5
Isothermal	223,696	95.2	-	100.0	46.2	100.0	99.5	88.0	100.0	-
James Sprunt	112,227	96.0	-	100.0	100.0	100.0	100.0	66.7	100.0	0.0
Johnston	331,970	99.9	-	-	100.0	99.7	95.1	75.4	100.0	-
Lenoir	317,299	97.5	-	100.0	98.9	100.0	99.6	100.0	100.0	-
Martin	146,952	94.1	-	100.0	96.1	72.2	94.4	100.0	100.0	-
Mayland	109,108	99.9	-	22.9	100.0	100.0	88.1	73.9	100.0	100.0
McDowell	114,980	97.7	-	100.0	100.0	98.8	98.0	100.0	100.0	-
Mitchell	243,571	95.8	-	100.0	99.1	73.8	81.8	93.6	100.0	81.4
Montgomery	92,397	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Nash	173,877	99.5	-	100.0	100.0	99.8	91.3	100.0	100.0	-
Pamlico	54,694	99.9	-	100.0	100.0	100.0	99.0	76.9	100.0	-
Piedmont	141,444	98.3	-	97.6	100.0	100.0	99.7	100.0	100.0	-
Pitt	376,038	100.0	-	-	99.2	100.0	99.6	100.0	100.0	100.0
Randolph	293,501	99.9	-	-	100.0	99.8	99.5	100.0	100.0	100.0
Richmond	166,319	94.6	-	99.8	100.0	50.3	97.2	45.2	100.0	100.0
Roanoke-Chowan	113,541	100.0	-	100.0	100.0	100.0	63.5	100.0	100.0	-
Robeson	201,215	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	214,337	89.5	-	97.5	98.9	99.1	99.9	100.0	99.4	100.0
Rowan-Cabarrus	378,326	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	310,491	98.8	-	-	99.9	99.4	73.0	6.8	100.0	-
South Piedmont	281,442	100.0	-	100.0	100.0	100.0	98.1	98.5	100.0	59.7
Southeastern	181,938	98.8	-	100.0	100.0	99.8	100.0	100.0	100.0	97.8
Southwestern	197,356	97.3	-	100.0	100.0	100.0	98.8	2.4	100.0	100.0
Stanly	146,727	100.0	-	100.0	100.0	100.0	97.4	100.0	100.0	100.0
Surry	308,023	99.1	-	-	100.0	97.8	91.2	100.0	85.3	-
Tri-County	114,591	98.6	-	100.0	89.6	100.0	95.2	100.0	-	-
Vance-Granville	258,282	99.3	-	100.0	90.2	100.0	85.0	100.0	100.0	99.6
Wake	837,313	99.6	-	-	100.0	100.0	89.6	85.5	100.0	100.0
Wayne	253,115	98.8	-	100.0	100.0	99.5	98.7	100.0	100.0	-
Western Piedmont	244,588	99.9	-	-	100.0	99.1	95.6	40.7	100.0	25.5
Wilkes	293,325	99.0	-	92.3	100.0	94.9	99.7	100.0	98.7	100.0
Wilson	140,260	98.5	-	100.0	97.3	100.0	93.1	100.0	-	-
Subtotal	16,863,193	98.4	100.0	97.2	97.0	97.0	95.2	83.7	98.2	80.6
Private Institutions										
NC Private Universities										
Barton	328,517	99.9	-	-	99.3	86.4	100.0	100.0	-	100.0
Campbell	820,481	96.9	100.0	-	97.8	58.8	57.4	97.8	60.1	25.9
Mars Hill	318,610	69.9	-	86.1	92.9	45.4	54.3	99.6	-	71.7
Pfeiffer	197,229	85.1	-	100.0	56.0	45.1	25.6	9.0	-	28.4
Subtotal	1,664,837	89.4	100.0	88.5	90.5	57.5	58.4	84.1	58.6	42.0
Grand Total	60,272,633	96.6	89.7	88.8	97.1	83.7	89.9	84.3	97.8	69.0

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

	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
Public Institutions								
Research Universities I								
NC State	92.6	-	-	100.0	-	-	-	-
NC State Veterinary Med	68.9	-	-	-	-	-	-	-
UNC-Chapel Hill	99.9	-	-	99.9	99.8	-	-	-
UNC-Chapel Hill Hlth Aff.	99.9	-	100.0	99.9	100.0	-	-	-
Subtotal	96.0	-	100.0	99.9	99.9	-	-	-
Doctoral Universities I and II								
East Carolina	94.5	-	100.0	-	-	-	-	-
East Carolina Hlth Aff.	100.0	-	100.0	-	-	-	-	-
NC A&T	98.3	-	-	-	-	-	-	-
UNC Charlotte	96.9	-	-	-	100.0	-	-	-
UNC Greensboro	95.9	-	-	-	100.0	-	-	-
Subtotal	96.6	-	24.5	-	100.0	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	89.3	-	-	-	-	-	-	-
Fayetteville	98.4	-	-	100.0	-	-	-	-
NC Central	90.9	-	-	-	-	-	-	-
UNC Pembroke	97.2	-	-	-	-	-	-	-
UNC Wilmington	98.0	-	-	-	-	-	-	-
Western Carolina	94.1	-	-	100.0	-	-	-	100.0
Winston-Salem	81.6	-	100.0	-	-	-	-	-
Subtotal	92.5	-	100.0	99.4	-	-	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	96.6	-	100.0	100.0	-	-	-	-
UNC Asheville	100.0	-	-	100.0	-	-	-	100.0
Subtotal	98.0	-	100.0	100.0	-	-	-	100.0
Schools of Art, Music, and Design								
UNC School of the Arts	91.5	-	-	-	-	-	-	-
Subtotal	91.5	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hospitals	100.0	-	-	100.0	-	-	-	-
Subtotal	100.0	-	-	100.0	-	-	-	-
Community Colleges								
Alamance	100.0	99.7	-	100.0	100.0	100.0	-	-
Asheville-Buncombe	98.8	96.9	99.1	100.0	98.6	100.0	-	100.0
Beaufort Co.	100.0	100.0	100.0	100.0	99.4	-	-	-
Bladen	100.0	96.4	-	100.0	100.0	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Brunswick	100.0	98.1	-	100.0	100.0	-	-	100.0
Caldwell	100.0	99.7	100.0	100.0	100.0	-	-	-
Cape Fear	98.4	99.6	100.0	100.0	75.1	-	-	-
Carteret	100.0	96.0	100.0	96.1	100.0	-	-	100.0
Catawba Valley	100.0	99.5	100.0	100.0	100.0	-	-	100.0
Central Carolina	100.0	100.0	100.0	100.0	85.6	-	-	-
Central Piedmont	98.2	99.7	98.2	99.3	99.4	-	-	-
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	100.0	98.6	100.0	100.0	100.0	-	-	-
Davidson County	99.2	99.1	100.0	100.0	71.1	-	100.0	-
Durham	91.0	99.9	100.0	100.0	100.0	-	-	-
Edgecombe	100.0	92.3	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	97.0	-	100.0	83.4	-	100.0	100.0

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

	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
Forsyth	100.0	99.2	100.0	100.0	100.0	-	100.0	100.0
Gaston	100.0	98.9	100.0	100.0	30.1	100.0	-	-
Guilford	100.0	95.4	100.0	98.5	95.1	-	-	100.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	-
Haywood	100.0	97.5	100.0	100.0	100.0	-	-	100.0
Isothermal	94.5	96.2	100.0	95.8	100.0	-	-	55.4
James Sprunt	100.0	93.5	100.0	100.0	100.0	-	-	-
Johnston	-	99.8	100.0	100.0	100.0	-	-	-
Lenoir	99.8	95.2	100.0	100.0	100.0	-	-	100.0
Martin	100.0	90.1	100.0	100.0	98.0	-	-	100.0
Mayland	100.0	99.9	100.0	100.0	100.0	-	-	-
McDowell	100.0	96.9	100.0	100.0	100.0	-	-	-
Mitchell	92.0	99.4	100.0	99.7	100.0	-	-	60.1
Montgomery	100.0	100.0	100.0	-	99.0	-	-	-
Nash	100.0	99.3	-	100.0	99.3	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	100.0	99.9	100.0	100.0	100.0	-	-	-
Richmond	100.0	99.0	100.0	69.9	100.0	-	-	-
Roanoke-Chowan	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Robeson	100.0	100.0	100.0	100.0	100.0	-	-	-
Rockingham	86.9	94.0	100.0	100.0	74.2	-	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Sampson	100.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0
Sandhills	99.8	97.2	100.0	100.0	100.0	-	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-
Southeastern	98.3	100.0	91.1	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	82.4	-	-	-
Stanly	-	100.0	100.0	100.0	100.0	-	-	-
Surry	97.2	99.8	100.0	100.0	100.0	-	-	-
Tri-County	100.0	99.8	100.0	100.0	76.1	-	100.0	100.0
Vance-Granville	97.6	100.0	100.0	100.0	100.0	100.0	-	100.0
Wake	100.0	99.5	-	98.3	100.0	-	-	100.0
Wayne	100.0	98.3	-	100.0	100.0	-	-	-
Western Piedmont	99.9	99.7	-	100.0	100.0	-	-	-
Wilkes	100.0	98.2	-	100.0	100.0	-	-	-
Wilson	100.0	97.7	100.0	100.0	100.0	-	-	-
Subtotal	98.7	98.6	99.5	99.0	94.4	100.0	100.0	97.2
Private Institutions								
NC Private Universities								
Barton	99.9	-	-	-	-	-	-	-
Campbell	96.9	-	-	-	-	-	-	-
Mars Hill	69.9	-	-	-	-	-	-	-
Pfeiffer	85.1	-	-	-	-	-	-	-
Subtotal	89.4	-	-	-	-	-	-	-
Grand Total	95.5	98.6	99.0	99.1	94.7	100.0	100.0	97.5

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Public Institutions							
Research Universities I							
NC State	58.9	86.7	-	100.0	80.2	77.6	100.0
NC State Veterinary Med	-	92.3	100.0	97.0	-	-	-
UNC-Chapel Hill	99.4	100.0	100.0	100.0	99.6	100.0	99.9
UNC-Chapel Hill Hlth Aff.	100.0	99.9	100.0	99.5	100.0	100.0	-
Subtotal	64.4	92.6	100.0	98.8	83.1	78.3	99.9
Doctoral Universities I and II							
East Carolina	28.4	94.8	-	57.7	100.0	-	100.0
East Carolina Hlth Aff.	-	100.0	100.0	100.0	100.0	-	-
NC A&T	100.0	98.8	-	-	100.0	100.0	100.0
UNC Charlotte	99.2	98.7	-	-	100.0	-	-
UNC Greensboro	-	90.7	99.8	-	96.9	-	-
Subtotal	85.6	96.6	100.0	98.8	99.7	100.0	100.0
Master's (Comprehensive) Universities and Colleges I							
Appalachian	100.0	62.6	100.0	-	20.5	-	-
Fayetteville	-	100.0	-	-	100.0	-	100.0
NC Central	99.0	97.1	-	-	100.0	-	94.7
UNC Pembroke	-	100.0	-	-	100.0	-	-
UNC Wilmington	80.1	94.1	-	-	87.6	-	-
Western Carolina	83.7	100.0	-	-	100.0	-	100.0
Winston-Salem	-	94.0	-	-	95.4	-	100.0
Subtotal	85.3	92.8	100.0	-	48.3	-	95.4
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	100.0	-	-	100.0	-	100.0
UNC Asheville	100.0	100.0	-	-	100.0	-	-
Subtotal	100.0	100.0	-	-	100.0	-	100.0
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	100.0	-	-
Subtotal	-	-	-	-	100.0	-	-
Teaching Hospitals							
UNC Hospitals	-	100.0	79.7	89.1	-	-	-
Subtotal	-	100.0	79.7	89.1	-	-	-
Community Colleges							
Alamance	-	-	-	-	100.0	-	-
Asheville-Buncombe	-	-	-	-	100.0	100.0	-
Beaufort Co.	-	-	-	-	100.0	-	100.0
Bladen	-	-	-	-	100.0	-	-
Blue Ridge	-	-	-	-	100.0	-	-
Brunswick	-	-	-	-	100.0	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	100.0	-	-	100.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	100.0	100.0	-	-
Central Piedmont	-	-	-	-	-	-	97.5
Cleveland	-	-	-	-	100.0	-	-
Coastal Carolina	-	-	-	-	100.0	-	-
Coll. of Albemarle	-	-	-	-	100.0	-	-
Craven	-	-	-	-	100.0	-	100.0
Davidson County	-	-	-	-	54.4	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	100.0	-	-
Fayetteville	-	-	-	-	100.0	-	-

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Forsyth	-	-	-	-	100.0	-	100.0
Gaston	-	100.0	-	-	-	-	-
Guilford	-	-	-	-	85.5	-	-
Halifax	-	-	-	-	98.8	-	-
Haywood	-	-	-	-	100.0	-	-
Isothermal	-	-	-	-	100.0	-	100.0
James Sprunt	-	-	-	-	100.0	-	-
Johnston	-	-	-	-	-	-	-
Lenoir	-	-	-	-	100.0	-	-
Martin	-	-	-	-	100.0	-	-
Mayland	-	-	-	-	22.9	-	-
McDowell	-	-	-	-	100.0	-	-
Mitchell	-	-	-	-	100.0	-	-
Montgomery	-	-	-	-	100.0	-	-
Nash	-	-	-	-	100.0	-	-
Pamlico	-	-	-	-	100.0	-	-
Piedmont	-	-	-	-	97.6	-	-
Pitt	-	-	-	-	-	-	-
Randolph	-	-	-	-	-	-	-
Richmond	-	-	-	-	99.8	-	-
Roanoke-Chowan	-	-	-	-	100.0	-	-
Robeson	-	-	-	-	100.0	100.0	-
Rockingham	-	-	-	-	97.5	-	-
Rowan-Cabarrus	-	-	-	-	100.0	100.0	-
Sampson	-	-	-	-	100.0	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	100.0	-	-
Southeastern	-	-	-	-	100.0	-	100.0
Southwestern	-	-	-	-	100.0	-	-
Stanly	-	-	-	-	100.0	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	100.0	-	-
Vance-Granville	-	-	-	100.0	100.0	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	100.0	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	100.0	-	-	-
Wilson	-	-	-	-	100.0	-	-
Subtotal	-	100.0	-	100.0	96.9	100.0	98.2
Private Institutions							
NC Private Universities							
Barton	-	-	-	-	-	-	-
Campbell	-	100.0	-	-	-	-	-
Mars Hill	-	-	-	-	86.1	-	-
Pfeiffer	-	-	-	-	100.0	-	-
Subtotal	-	100.0	-	-	88.5	-	-
Grand Total	71.5	93.3	88.8	92.1	85.3	81.0	98.4

Table 25b. Accessible Area by Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Public Institutions								
Research Universities I								
NC State	99.9	-	99.6	89.7	62.3	98.9	-	100.0
NC State Veterinary Med	100.0	-	100.0	100.0	-	100.0	-	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	99.8	100.0	99.8
UNC-Chapel Hill Hlth Aff.	99.9	100.0	98.5	100.0	99.7	99.8	100.0	100.0
Subtotal	99.9	86.5	99.6	95.6	95.7	99.3	100.0	99.8
Doctoral Universities I and II								
East Carolina	99.7	100.0	100.0	100.0	-	85.3	-	-
East Carolina Hlth Aff.	100.0	-	100.0	-	100.0	100.0	-	-
NC A&T	100.0	100.0	100.0	100.0	95.0	98.7	-	-
UNC Charlotte	93.7	94.7	100.0	93.8	-	95.4	100.0	-
UNC Greensboro	85.4	99.6	100.0	36.5	98.2	93.5	-	100.0
Subtotal	95.4	99.6	100.0	79.1	95.6	95.1	100.0	100.0
Master's (Comprehensive) Universities and Colleges I								
Appalachian	100.0	-	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	100.0	100.0	100.0	100.0	100.0	-	-
NC Central	99.3	100.0	100.0	100.0	59.1	92.5	-	100.0
UNC Pembroke	100.0	100.0	100.0	100.0	-	100.0	-	100.0
UNC Wilmington	99.3	100.0	-	88.3	-	98.5	-	100.0
Western Carolina	100.0	82.7	57.6	18.4	100.0	93.1	-	100.0
Winston-Salem	100.0	92.9	100.0	100.0	31.2	91.2	-	-
Subtotal	99.8	91.8	96.6	92.5	87.2	96.2	-	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	100.0	100.0	-	100.0	90.3	100.0	-	-
UNC Asheville	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Subtotal	100.0	100.0	100.0	100.0	90.3	100.0	-	100.0
Schools of Art, Music, and Design								
UNC School of the Arts	100.0	100.0	100.0	42.2	100.0	64.8	-	-
Subtotal	100.0	100.0	100.0	42.2	100.0	64.8	-	-
Teaching Hospitals								
UNC Hospitals	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	100.0	100.0	-	-	100.0	100.0	-	-
Asheville-Buncombe	100.0	-	100.0	100.0	100.0	100.0	-	-
Beaufort Co.	100.0	-	100.0	100.0	-	100.0	-	-
Bladen	100.0	-	-	-	-	95.4	-	-
Blue Ridge	100.0	100.0	100.0	-	-	100.0	-	100.0
Brunswick	100.0	-	100.0	100.0	-	100.0	-	-
Caldwell	100.0	-	100.0	-	-	100.0	-	-
Cape Fear	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Carteret	100.0	-	-	-	-	76.4	-	-
Catawba Valley	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Central Carolina	98.2	-	100.0	-	100.0	100.0	-	-
Central Piedmont	99.8	100.0	92.7	100.0	-	99.7	100.0	100.0
Cleveland	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Carolina	100.0	-	100.0	100.0	-	100.0	-	-
Coll. of Albemarle	100.0	100.0	-	-	-	100.0	-	-
Craven	46.9	-	-	100.0	-	100.0	-	-
Davidson County	97.5	-	61.8	-	100.0	95.8	-	-
Durham	100.0	-	96.7	100.0	-	100.0	100.0	100.0
Edgecombe	97.3	-	100.0	100.0	-	100.0	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	93.4	94.9	-	-

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
Forsyth	98.4	-	100.0	100.0	-	99.8	100.0	100.0
Gaston	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Guilford	99.7	-	100.0	-	51.5	97.3	-	-
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	-	100.0	-	-
Martin	100.0	-	-	-	-	84.1	-	-
Mayland	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	96.7	-	-
Randolph	100.0	-	100.0	100.0	-	100.0	-	-
Richmond	100.0	-	100.0	100.0	-	100.0	-	-
Roanoke-Chowan	100.0	-	-	-	-	100.0	-	-
Robeson	100.0	-	100.0	-	-	100.0	-	-
Rockingham	100.0	100.0	-	-	100.0	92.2	-	-
Rowan-Cabarrus	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0
Sampson	100.0	-	-	100.0	-	100.0	-	-
Sandhills	99.8	100.0	100.0	-	100.0	100.0	-	-
South Piedmont	100.0	-	100.0	-	-	100.0	-	-
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Southwestern	100.0	-	100.0	100.0	100.0	100.0	-	-
Stanly	100.0	-	100.0	100.0	-	100.0	-	-
Surry	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County	82.3	-	-	100.0	100.0	100.0	-	-
Vance-Granville	80.2	-	-	-	100.0	100.0	-	-
Wake	100.0	-	100.0	-	100.0	100.0	-	-
Wayne	100.0	-	100.0	100.0	100.0	100.0	100.0	-
Western Piedmont	100.0	-	100.0	100.0	-	100.0	-	-
Wilkes	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson	99.3	-	-	-	-	100.0	-	-
Subtotal	97.3	100.0	98.7	99.8	87.6	98.7	100.0	100.0
Private Institutions								
NC Private Universities								
Barton	100.0	100.0	100.0	-	-	91.0	-	-
Campbell	100.0	100.0	91.9	100.0	100.0	90.2	100.0	100.0
Mars Hill	100.0	74.4	100.0	-	-	44.7	-	-
Pfeiffer	49.1	-	100.0	-	-	100.0	-	100.0
Subtotal	90.6	89.9	96.7	100.0	100.0	85.0	100.0	100.0
Grand Total	98.0	93.9	98.8	92.6	92.1	96.9	100.0	99.9

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

	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter- coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Public Institutions												
Research Universities I												
NC State	89.4	93.0	94.9	100.0	63.7	88.9	97.2	100.0	89.4	100.0	84.4	58.7
NC State Veterinary Med	-	-	-	-	100.0	-	-	100.0	99.0	100.0	100.0	-
UNC-Chapel Hill	99.9	100.0	100.0	98.8	99.9	100.0	99.9	100.0	100.0	100.0	99.9	99.9
UNC-Chapel Hill Hlth Aff.	99.8	100.0	100.0	100.0	99.9	-	-	-	100.0	99.6	100.0	100.0
Subtotal	97.1	96.7	98.2	99.4	84.5	96.1	98.5	100.0	96.6	99.9	97.0	79.5
Doctoral Universities I and II												
East Carolina	53.0	86.1	78.4	100.0	100.0	99.7	96.3	69.9	17.7	100.0	-	71.3
East Carolina Hlth Aff.	-	-	-	-	-	-	-	-	-	100.0	100.0	-
NC A&T	100.0	96.6	100.0	100.0	74.8	90.6	100.0	100.0	87.7	100.0	1.2	100.0
UNC Charlotte	85.7	79.5	97.4	100.0	94.0	95.7	99.4	97.9	53.9	84.3	16.9	-
UNC Greensboro	100.0	82.0	96.3	100.0	85.2	76.6	99.1	100.0	99.4	88.6	64.0	56.9
Subtotal	85.8	84.3	95.5	100.0	90.3	93.7	98.8	88.7	52.3	93.5	74.7	66.2
Master's (Comprehensive) Universities and Colleges I												
Appalachian	-	99.4	100.0	97.0	68.9	100.0	100.0	97.3	81.8	-	100.0	-
Fayetteville	100.0	100.0	100.0	100.0	70.8	98.2	100.0	100.0	100.0	100.0	100.0	100.0
NC Central	100.0	94.0	86.1	100.0	91.9	80.7	82.4	53.6	82.5	100.0	100.0	100.0
UNC Pembroke	100.0	81.6	100.0	100.0	80.5	100.0	44.6	100.0	100.0	98.7	100.0	100.0
UNC Wilmington	100.0	85.7	100.0	-	62.8	74.3	100.0	100.0	100.0	97.1	98.5	96.9
Western Carolina	100.0	98.6	100.0	100.0	45.9	94.4	100.0	100.0	87.7	100.0	100.0	100.0
Winston-Salem	75.1	100.0	100.0	100.0	85.5	99.0	65.4	66.2	98.8	96.3	100.0	100.0
Subtotal	99.2	95.4	96.8	98.9	68.9	91.5	89.2	96.8	88.5	97.9	99.7	99.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	100.0	100.0	70.6	95.0	-	100.0	100.0	-	100.0	-
UNC Asheville	100.0	93.8	100.0	100.0	97.5	79.6	100.0	-	100.0	100.0	100.0	-
Subtotal	100.0	95.7	100.0	100.0	82.6	82.4	29.6	100.0	100.0	100.0	100.0	-
Schools of Art, Music, and Design												
UNC School of the Arts	100.0	92.3	100.0	100.0	81.5	-	44.6	37.3	-	-	-	-
Subtotal	100.0	92.3	100.0	100.0	81.5	-	44.6	37.3	-	-	-	-
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	100.0	94.3	-	-
Subtotal	-	-	-	-	-	-	-	-	100.0	94.3	-	-
Community Colleges												
Alamance	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Buncombe	100.0	96.2	86.4	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Beaufort Co.	100.0	100.0	100.0	90.0	100.0	-	-	-	100.0	-	-	-
Bladen	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0	100.0
Blue Ridge	100.0	100.0	100.0	-	100.0	-	-	-	100.0	100.0	-	100.0
Brunswick	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	100.0
Caldwell	100.0	93.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Cape Fear	100.0	100.0	100.0	100.0	93.5	-	-	100.0	100.0	96.0	-	-
Carteret	100.0	87.9	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	-	-
Central Piedmont	98.3	99.9	100.0	98.4	99.4	-	-	100.0	97.8	97.1	-	67.3
Cleveland	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coll. of Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven	100.0	100.0	100.0	-	99.1	-	-	-	75.4	100.0	-	-
Davidson County	100.0	100.0	100.0	-	100.0	-	-	100.0	100.0	-	100.0	-
Durham	100.0	100.0	100.0	100.0	100.0	-	-	-	3.4	30.0	-	100.0
Edgecombe	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Fayetteville	100.0	95.0	100.0	100.0	100.0	-	100.0	100.0	33.2	77.8	100.0	69.1

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
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	11.9	100.0
Gaston	100.0	97.5	100.0	100.0	99.2	-	100.0	-	72.1	100.0	100.0	76.4
Guilford	100.0	93.3	100.0	100.0	99.9	100.0	100.0	100.0	93.6	100.0	51.8	100.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	-	-	-
Haywood	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Isothermal	100.0	100.0	100.0	100.0	100.0	-	-	100.0	82.2	100.0	100.0	-
James Sprunt	100.0	100.0	100.0	100.0	100.0	-	-	-	65.3	100.0	-	-
Johnston	100.0	100.0	100.0	100.0	99.1	-	-	100.0	100.0	100.0	-	-
Lenoir	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	100.0
Martin	100.0	68.5	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Mayland	-	100.0	100.0	100.0	100.0	-	-	-	73.5	100.0	-	-
McDowell	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell	100.0	68.4	87.2	100.0	69.1	-	-	-	100.0	100.0	-	-
Montgomery	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Nash	98.4	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico	100.0	-	100.0	100.0	100.0	-	-	-	76.9	-	-	-
Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	100.0
Pitt	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Randolph	100.0	100.0	100.0	100.0	99.7	-	-	100.0	100.0	100.0	-	-
Richmond	100.0	20.9	100.0	100.0	55.6	-	100.0	-	50.7	20.7	-	-
Roanoke-Chowan	-	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Rockingham	100.0	98.7	100.0	100.0	99.3	-	-	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	100.0	100.0	100.0	-	-	-	-	100.0	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	100.0	-	-
Southeastern	-	100.0	99.1	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry	100.0	80.4	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-
Tri-County	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	100.0	-
Vance-Granville	100.0	-	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-
Wake	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	83.3	-	-	-
Wayne	100.0	98.9	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
Western Piedmont	98.3	100.0	100.0	100.0	98.8	100.0	-	100.0	51.6	100.0	-	-
Wilkes	100.0	93.9	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Wilson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Subtotal	99.7	94.1	99.4	99.7	98.5	100.0	100.0	94.7	82.0	95.1	36.3	81.6
Private Institutions												
NC Private Universities												
Barton	100.0	100.0	100.0	100.0	81.8	100.0	100.0	100.0	100.0	100.0	-	100.0
Campbell	25.9	89.6	81.9	100.0	50.4	81.0	100.0	100.0	97.4	100.0	-	100.0
Mars Hill	100.0	64.8	100.0	100.0	37.1	76.6	39.8	98.4	100.0	-	-	-
Pfeiffer	100.0	71.2	100.0	100.0	34.4	75.2	100.0	-	9.8	-	-	-
Subtotal	62.6	77.4	87.5	100.0	49.5	82.2	78.1	93.9	82.2	82.4	-	100.0
Grand Total	95.6	91.9	98.2	99.6	79.9	93.4	92.0	94.6	80.1	96.8	89.4	76.9

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
Public Institutions												
Research Universities I												
NC State	99.6	99.5	99.1	94.9	38.4	98.6	100.0	100.0	84.3	96.5	80.5	60.0
NC State Veterinary Med	-	-	100.0	100.0	100.0	-	-	-	-	100.0	-	-
UNC-Chapel Hill	99.9	100.0	99.9	100.0	100.0	99.6	99.8	100.0	100.0	99.7	99.0	99.6
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	99.9	99.6	100.0	100.0	100.0	100.0	100.0	99.6	100.0
Subtotal	99.7	99.9	99.5	97.5	52.1	99.1	99.9	100.0	98.8	97.3	92.5	71.8
Doctoral Universities I and II												
East Carolina	88.3	70.1	88.5	99.0	96.3	89.6	55.0	79.2	-	100.0	61.4	1.7
East Carolina Hlth 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	83.2	100.0	100.0	100.0	-	100.0	100.0	100.0
UNC Charlotte	90.4	77.7	87.1	98.4	90.4	97.9	100.0	93.3	-	-	100.0	98.3
UNC Greensboro	99.8	100.0	96.7	99.4	75.1	96.6	96.3	100.0	-	100.0	1.4	78.4
Subtotal	93.3	82.8	96.1	99.3	85.7	96.1	90.1	92.8	-	100.0	57.3	36.8
Master's (Comprehensive) Universities and Colleges I												
Appalachian	100.0	90.8	73.4	100.0	91.9	74.2	85.4	17.0	100.0	100.0	-	100.0
Fayetteville	98.0	100.0	100.0	100.0	98.5	69.4	100.0	100.0	100.0	100.0	86.7	100.0
NC Central	100.0	100.0	63.6	97.2	92.5	70.2	29.5	100.0	100.0	99.4	77.1	89.7
UNC Pembroke	100.0	100.0	100.0	-	100.0	95.0	100.0	100.0	-	-	-	-
UNC Wilmington	98.9	93.7	96.1	100.0	52.5	73.9	100.0	99.4	-	-	-	88.5
Western Carolina	78.1	100.0	100.0	98.8	7.2	80.4	100.0	100.0	100.0	100.0	100.0	89.2
Winston-Salem	90.0	61.6	44.9	97.4	50.8	60.3	100.0	100.0	100.0	100.0	2.9	67.7
Subtotal	94.7	90.5	83.2	97.9	45.8	75.5	87.3	79.8	100.0	99.8	72.1	90.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	98.9	100.0	21.0	100.0	100.0	100.0	-	-	100.0	54.7
UNC Asheville	70.7	100.0	57.2	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Subtotal	84.3	100.0	87.4	100.0	44.5	100.0	100.0	100.0	-	100.0	100.0	54.7
Schools of Art, Music, and Design												
UNC School of the Arts	72.7	100.0	17.1	100.0	100.0	35.8	100.0	100.0	100.0	-	20.6	100.0
Subtotal	72.7	100.0	17.1	100.0	100.0	35.8	100.0	100.0	100.0	-	20.6	100.0
Teaching Hospitals												
UNC Hospitals	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
Subtotal	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
Community Colleges												
Alamance	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Asheville-Buncombe	48.8	100.0	78.7	100.0	81.8	-	100.0	100.0	-	98.1	95.4	96.4
Beaufort Co.	100.0	100.0	98.4	100.0	100.0	100.0	87.3	90.2	-	100.0	-	-
Bladen	98.2	100.0	100.0	-	100.0	100.0	-	100.0	-	100.0	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Brunswick	100.0	90.4	100.0	87.9	100.0	100.0	100.0	100.0	90.2	100.0	100.0	100.0
Caldwell	100.0	100.0	85.1	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Cape Fear	100.0	100.0	99.2	100.0	95.3	100.0	100.0	100.0	-	100.0	100.0	100.0
Carteret	92.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Catawba Valley	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	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	98.8	98.7	97.3	100.0	99.8	99.6	98.6	100.0	100.0	-	95.0
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	88.2	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	89.8	100.0	-	100.0	100.0	100.0	-	99.6	-	-
Davidson County	100.0	100.0	100.0	-	99.4	100.0	-	100.0	-	89.9	-	-
Durham	100.0	100.0	74.4	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Edgecombe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.2	-	-
Fayetteville	100.0	99.6	79.6	100.0	100.0	100.0	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
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.2	-	100.0	100.0	100.0
Gaston	42.6	100.0	82.3	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Guilford	100.0	94.5	94.1	75.9	65.4	100.0	94.2	100.0	-	99.3	13.4	100.0
Halifax	98.3	100.0	99.2	100.0	91.5	100.0	100.0	100.0	-	100.0	-	-
Haywood	100.0	100.0	59.3	100.0	100.0	100.0	100.0	100.0	-	100.0	46.9	100.0
Isothermal	99.1	100.0	100.0	93.6	100.0	-	100.0	100.0	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Johnston	100.0	100.0	100.0	100.0	56.6	100.0	100.0	100.0	-	100.0	-	-
Lenoir	100.0	100.0	98.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Martin	83.0	94.4	100.0	100.0	87.9	100.0	100.0	-	-	100.0	-	-
Mayland	100.0	100.0	61.8	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
McDowell	94.8	98.0	97.7	100.0	97.4	100.0	-	100.0	-	100.0	-	-
Mitchell	85.4	100.0	62.2	100.0	50.5	-	100.0	-	-	100.0	79.6	81.7
Montgomery	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Nash	100.0	100.0	88.6	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	97.6	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Randolph	100.0	100.0	99.4	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0
Richmond	100.0	100.0	100.0	100.0	100.0	100.0	100.0	56.5	-	100.0	-	100.0
Roanoke-Chowan	98.0	100.0	31.7	100.0	-	-	100.0	100.0	-	100.0	-	-
Robeson	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0	-
Rockingham	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	99.4	100.0	-
Rowan-Cabarrus	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Sampson	98.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Sandhills	100.0	100.0	100.0	100.0	32.3	74.9	88.9	93.6	-	100.0	-	-
South Piedmont	100.0	100.0	94.4	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	59.6
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	97.2	100.0
Southwestern	100.0	95.4	98.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Stanly	100.0	100.0	99.3	76.3	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Surry	100.0	96.4	100.0	70.5	60.6	100.0	100.0	100.0	-	85.3	-	-
Tri-County	100.0	100.0	93.5	100.0	-	-	100.0	100.0	-	-	-	-
Vance-Granville	100.0	100.0	67.4	100.0	100.0	100.0	100.0	100.0	-	100.0	98.3	100.0
Wake	100.0	100.0	74.4	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Wayne	98.5	100.0	96.2	100.0	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	30.6	-
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	81.7	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Subtotal	97.2	99.2	92.3	97.5	90.0	96.7	99.4	98.8	94.4	99.0	66.4	85.5
Private Institutions												
NC Private Universities												
Barton	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Campbell	87.1	80.3	77.3	98.6	30.6	2.4	85.5	95.7	-	88.9	100.0	-
Mars Hill	100.0	100.0	85.2	100.0	10.6	19.9	100.0	100.0	-	-	-	73.4
Pfeiffer	61.8	39.3	79.7	44.2	-	30.1	88.2	-	-	-	25.3	100.0
Subtotal	90.1	77.1	84.3	90.1	30.7	46.4	89.6	83.1	-	88.9	28.7	71.3
Grand Total	95.9	95.4	92.9	97.8	59.3	88.3	95.4	92.8	95.2	98.6	73.4	67.7

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TABLE 26:

ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply ensure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on pp. 94-95 lists all of the room codes which comprise the summary codes used in this table.

Table 26. Accessible Area by Room Codes

Institution	Total Accessible Area	Classroom Facilities		Laboratory Facilities		Office Facilities		Study Facilities	
		100 ASF	%	200 ASF	%	300 ASF	%	400 ASF	%
Public Institutions									
Research Universities I									
NC State	7,105,516	261,810	99.6	1,528,757	95.2	1,799,173	97.7	342,680	98.4
NC State Veterinary Med	379,336	7,986	98.1	87,113	84.8	81,494	98.0	11,186	100.0
UNC-Chapel Hill	7,215,241	281,820	99.9	615,438	99.9	1,558,006	99.8	636,747	100.0
UNC-Chapel Hill Hlth Aff.	2,527,534	76,943	99.9	713,636	99.9	1,077,589	99.9	76,697	100.0
Subtotal	17,227,627	628,559	99.8	2,944,944	96.9	4,516,262	99.0	1,067,310	99.5
Doctoral Universities I and II									
East Carolina	2,766,847	186,356	98.6	299,163	93.2	573,750	88.7	208,077	99.7
East Carolina Hlth Aff.	827,019	44,262	100.0	162,026	100.0	310,377	100.0	64,369	100.0
NC A&T	2,048,691	142,064	97.2	319,089	98.8	415,575	97.4	133,315	100.0
UNC Charlotte	3,284,067	211,337	91.8	535,128	98.8	703,539	94.6	212,512	94.8
UNC Greensboro	2,652,612	149,779	97.6	311,858	95.4	556,018	91.4	121,434	88.8
Subtotal	11,579,236	733,798	96.2	1,627,264	97.2	2,559,259	93.5	739,707	96.4
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,319,419	156,314	91.8	217,542	85.9	465,016	89.0	87,845	95.5
Fayetteville	810,850	57,355	99.9	91,047	100.0	191,195	95.9	66,912	98.1
NC Central	1,317,427	102,411	86.2	131,130	90.4	282,005	90.8	99,558	96.4
UNC Pembroke	915,881	86,688	98.7	59,598	100.0	172,917	95.4	40,598	99.8
UNC Wilmington	1,749,754	160,765	99.5	207,571	95.3	364,179	96.5	118,505	99.4
Western Carolina	1,507,319	96,174	94.5	178,255	96.9	315,059	96.8	126,178	99.9
Winston-Salem	935,912	56,253	77.9	73,902	75.9	182,344	85.2	47,024	100.0
Subtotal	9,556,562	715,960	93.0	959,045	91.5	1,972,715	92.6	586,620	98.3
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	718,949	61,688	93.8	80,804	99.9	108,845	97.2	39,922	92.8
UNC Asheville	855,783	43,566	100.0	95,787	100.0	150,039	95.0	79,251	100.0
Subtotal	1,574,732	105,254	96.3	176,591	100.0	258,884	95.9	119,173	97.5
Schools of Art, Music, and Design									
UNC School of the Arts	612,264	20,854	66.9	176,418	94.2	70,414	78.5	21,245	100.0
Subtotal	612,264	20,854	66.9	176,418	94.2	70,414	78.5	21,245	100.0
Teaching Hospitals									
UNC Hospitals	1,194,182	9,926	100.0	10,829	100.0	334,517	90.0	2,897	89.3
Subtotal	1,194,182	9,926	100.0	10,829	100.0	334,517	90.0	2,897	89.3
Community Colleges									
Alamance	238,005	72,635	100.0	74,604	99.8	47,090	99.6	10,937	100.0
Asheville-Buncombe	494,975	91,244	99.4	172,747	97.1	123,462	94.1	16,788	100.0
Beaufort Co.	189,075	50,957	100.0	54,069	99.8	35,772	99.0	9,158	100.0
Bladen	108,883	28,406	100.0	27,317	93.7	22,170	99.0	9,039	100.0
Blue Ridge	290,314	67,396	100.0	93,661	100.0	44,116	100.0	13,885	100.0
Brunswick	246,370	50,128	98.6	29,037	97.5	36,327	97.6	7,865	100.0
Caldwell	338,030	88,515	100.0	81,936	99.6	62,078	100.0	19,006	100.0
Cape Fear	606,908	111,682	99.2	202,169	97.7	143,798	99.5	30,844	100.0
Carteret	157,809	40,963	96.1	58,810	99.6	33,162	95.8	6,761	100.0
Catawba Valley	364,557	69,908	100.0	116,289	99.4	64,755	100.0	22,346	100.0
Central Carolina	403,002	123,686	100.0	130,168	100.0	71,054	98.0	20,378	99.4
Central Piedmont	1,274,931	337,563	99.7	342,166	98.6	271,600	99.1	64,781	99.9
Cleveland	205,869	48,528	100.0	66,675	100.0	32,603	99.9	17,109	100.0
Coastal Carolina	217,662	58,733	100.0	81,160	100.0	41,690	97.7	15,190	100.0
Coll. of Albemarle	272,145	55,960	100.0	84,977	99.9	49,227	100.0	17,619	100.0
Craven	200,230	50,838	100.0	70,726	98.5	45,073	99.7	10,664	56.3
Davidson County	302,547	67,429	98.3	72,134	93.5	69,433	98.3	24,126	100.0
Durham	303,207	89,855	100.0	96,524	99.5	70,517	95.5	15,221	100.0
Edgecombe	161,175	34,950	98.3	39,311	88.1	30,272	99.5	12,038	97.7
Fayetteville	598,317	154,996	93.0	189,574	97.0	127,729	97.6	28,030	100.0
Forsyth	661,682	146,908	100.0	210,640	98.8	124,911	99.7	22,642	98.8

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	%
Gaston	449,552	107,403	100.0	131,040	86.6	104,308	98.0	31,040	100.0
Guilford	833,985	196,381	96.4	263,002	95.5	162,703	96.8	32,462	99.8
Halifax	186,839	37,203	100.0	47,966	100.0	34,307	99.8	11,164	100.0
Haywood	246,311	31,292	92.0	95,497	100.0	41,667	98.6	13,750	100.0
Isothermal	223,696	46,979	94.2	63,547	93.4	35,245	98.7	2,447	21.9
James Sprunt	112,227	27,013	100.0	21,630	91.4	35,035	97.0	10,267	100.0
Johnston	331,970	87,460	99.8	81,074	98.2	63,776	99.8	26,403	100.0
Lenoir	317,299	73,404	100.0	78,458	93.8	54,356	99.2	18,497	100.0
Martin	146,952	24,135	100.0	34,613	93.0	17,073	93.3	14,280	100.0
Mayland	109,108	31,524	100.0	24,757	93.5	21,992	100.0	10,255	100.0
McDowell	114,980	23,621	95.0	34,209	98.5	23,667	98.8	6,058	100.0
Mitchell	243,571	69,903	98.6	50,804	97.7	47,586	91.2	16,760	100.0
Montgomery	92,397	19,206	100.0	30,658	100.0	17,168	99.9	10,566	100.0
Nash	173,877	49,714	100.0	45,654	99.9	26,391	97.1	13,237	100.0
Pamlico	54,694	14,141	100.0	12,280	100.0	12,112	99.4	4,549	100.0
Piedmont	141,444	37,037	99.6	35,466	99.9	31,798	99.5	7,732	86.9
Pitt	376,038	82,071	100.0	129,366	100.0	86,164	99.6	22,804	100.0
Randolph	293,501	67,294	99.7	92,821	100.0	42,008	99.3	8,155	100.0
Richmond	166,319	32,970	92.3	40,146	96.7	27,070	95.8	10,433	98.8
Roanoke-Chowan	113,541	18,145	100.0	37,654	100.0	17,151	99.5	11,019	100.0
Robeson	201,215	37,206	100.0	60,343	100.0	44,230	100.0	12,560	100.0
Rockingham	214,337	37,801	96.2	61,495	93.5	36,429	98.5	11,606	100.0
Rowan-Cabarrus	378,326	88,575	100.0	93,700	100.0	91,121	100.0	23,277	100.0
Sampson	137,870	32,694	100.0	37,859	100.0	28,537	99.8	14,296	100.0
Sandhills	310,491	89,219	100.0	68,951	98.3	58,418	99.4	17,584	100.0
South Piedmont	281,442	40,142	100.0	51,962	100.0	49,759	100.0	11,916	100.0
Southeastern	181,938	48,005	98.4	45,813	98.8	37,312	99.2	13,907	100.0
Southwestern	197,356	42,990	100.0	47,797	93.4	40,545	99.5	11,142	100.0
Stanly	146,727	32,864	100.0	40,153	100.0	34,843	98.7	8,885	100.0
Surry	308,023	87,903	99.7	90,145	100.0	58,819	96.1	12,944	100.0
Tri-County	114,591	29,709	100.0	38,561	97.3	17,906	99.4	4,910	82.4
Vance-Granville	258,282	48,642	98.0	77,339	100.0	49,315	99.7	16,715	88.1
Wake	837,313	205,034	99.9	228,197	99.4	190,258	99.8	57,340	98.9
Wayne	253,115	36,807	100.0	81,351	97.6	51,096	99.7	19,597	100.0
Western Piedmont	244,588	58,040	100.0	73,733	99.9	47,175	99.5	16,173	100.0
Wilkes	293,325	58,672	99.0	75,366	98.7	46,010	99.9	16,665	100.0
Wilson	140,260	40,883	96.7	37,748	100.0	31,088	98.0	9,688	99.5
Subtotal	16,863,193	3,933,362	98.9	4,855,849	97.8	3,361,277	98.5	955,510	97.6
Private Institutions									
NC Private Universities									
Barton	328,517	28,852	100.0	24,220	100.0	56,533	99.2	21,578	100.0
Campbell	820,481	100,826	98.4	62,054	99.6	138,311	86.7	79,018	99.4
Mars Hill	318,610	34,323	80.8	29,002	61.7	44,804	68.7	27,357	94.5
Pfeiffer	197,229	31,225	91.4	24,364	83.6	35,625	78.3	10,982	49.0
Subtotal	1,664,837	195,226	93.9	139,640	85.8	275,273	84.1	138,935	91.2
Grand Total	60,272,633	6,342,939	97.6	10,890,580	96.7	13,348,601	96.0	3,631,397	97.8

Table 26. Accessible Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions												
Research Universities I												
NC State	1,052,644	67.6	633,057	94.1	350,437	78.0	25,278	95.8	925,883	56.6	185,797	65.2
NC State Veterinary Med	41,947	62.4	9,885	100.0	25,553	92.1	113,993	99.5	179	100.0	0	-
UNC-Chapel Hill	842,268	100.0	812,829	99.9	455,494	100.0	22,594	99.9	1,892,168	99.9	97,877	99.2
UNC-Chapel Hill Hlth Aff.	181,926	99.8	90,496	100.0	36,943	99.9	152,434	99.6	310	100.0	120,560	99.7
Subtotal	2,118,785	80.0	1,546,267	97.5	868,427	89.6	314,299	99.3	2,818,540	79.8	404,234	80.2
Doctoral Universities I and II												
East Carolina	287,842	89.6	292,169	98.1	79,457	51.8	4,917	92.0	830,000	100.0	5,116	1.7
East Carolina Hlth Aff.	44,768	100.0	7,280	100.0	52,430	100.0	132,188	100.0	1,280	100.0	8,039	100.0
NC A&T	297,119	92.8	219,619	95.9	189,233	97.1	6,519	100.0	316,770	73.8	9,388	100.0
UNC Charlotte	208,838	83.5	283,878	90.5	44,680	76.5	7,545	98.8	1,020,248	95.7	56,362	98.4
UNC Greensboro	101,021	88.5	295,306	89.0	238,069	91.9	9,474	98.1	751,266	83.1	118,387	77.2
Subtotal	939,588	89.4	1,098,252	93.1	603,869	84.1	160,643	99.6	2,919,564	90.4	197,292	37.4
Master's (Comprehensive) Universities and Colleges I												
Appalachian	345,185	85.9	355,619	90.1	77,177	90.9	11,733	100.0	578,633	66.8	24,355	100.0
Fayetteville	76,341	99.3	76,364	98.7	17,594	100.0	2,319	100.0	147,413	69.6	84,310	93.6
NC Central	116,094	91.8	155,177	97.0	11,521	43.8	2,318	82.6	293,845	90.4	123,368	88.4
UNC Pembroke	86,888	100.0	113,438	91.8	51,100	100.0	1,312	50.2	303,342	77.8	0	-
UNC Wilmington	89,357	71.4	248,953	91.1	76,417	87.6	4,676	100.0	442,828	57.3	36,503	88.5
Western Carolina	193,105	90.8	291,605	95.9	61,376	97.2	3,246	100.0	202,409	30.5	39,912	89.2
Winston-Salem	69,465	97.8	119,073	96.7	24,627	78.6	3,484	58.2	341,779	82.2	17,961	49.1
Subtotal	976,435	88.7	1,360,229	93.4	319,812	88.4	29,088	87.2	2,310,249	63.4	326,409	86.7
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	98,312	95.9	93,889	93.5	17,544	98.5	-	-	203,409	65.8	14,536	56.6
UNC Asheville	111,596	87.2	121,637	100.0	38,247	100.0	1,207	100.0	214,157	96.8	296	100.0
Subtotal	209,908	91.1	215,526	97.1	55,791	99.5	1,207	19.9	417,566	78.7	14,832	57.1
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	100.0	109,249	92.4	34,697	59.6	1,259	41.0	128,881	81.6	25,421	53.3
Subtotal	23,826	100.0	109,249	92.4	34,697	59.6	1,259	41.0	128,881	81.6	25,421	53.3
Teaching Hospitals												
UNC Hospitals	32,493	100.0	53,825	86.4	84,162	98.4	619,855	84.2	3,785	100.0	41,893	100.0
Subtotal	32,493	100.0	53,825	86.4	84,162	98.4	619,855	84.2	3,785	100.0	41,893	100.0
Community Colleges												
Alamance	6,206	100.0	17,907	100.0	8,626	100.0	-	-	-	-	0	-
Asheville-Buncombe	16,094	100.0	50,363	98.6	17,838	92.6	751	100.0	-	-	5,688	91.4
Beaufort Co.	3,102	100.0	25,009	100.0	11,008	100.0	-	-	-	-	0	-
Bladen	-	-	13,863	100.0	8,088	100.0	-	-	-	-	0	-
Blue Ridge	6,235	100.0	52,154	100.0	12,867	100.0	-	-	-	-	0	-
Brunswick	29,789	100.0	64,286	92.2	12,553	100.0	112	100.0	-	-	16,273	100.0
Caldwell	20,026	100.0	50,790	96.6	15,605	96.6	-	-	-	-	74	100.0
Cape Fear	27,903	100.0	58,238	98.3	24,613	99.6	-	-	756	73.2	6,905	100.0
Carteret	2,052	29.6	9,198	89.8	6,863	100.0	-	-	-	-	0	-
Catawba Valley	38,452	100.0	41,960	100.0	2,633	100.0	-	-	-	-	8,214	100.0
Central Carolina	11,379	100.0	41,428	100.0	2,630	100.0	1,954	100.0	-	-	325	100.0
Central Piedmont	31,454	96.7	123,618	99.6	69,477	95.9	-	-	-	-	34,272	95.0
Cleveland	15,067	100.0	16,628	100.0	9,259	88.6	-	-	-	-	0	-
Coastal Carolina	3,031	100.0	11,595	100.0	6,263	100.0	-	-	-	-	0	-
Coll. of Albemarle	7,204	100.0	44,182	100.0	12,976	100.0	-	-	-	-	0	-
Craven	1,875	100.0	19,908	100.0	1,146	63.2	-	-	-	-	0	-
Davidson County	18,318	98.6	28,034	99.1	22,931	100.0	142	100.0	-	-	0	-
Durham	2,507	98.1	23,339	99.3	5,244	12.8	-	-	-	-	0	-
Edgecombe	770	100.0	36,414	95.9	7,420	100.0	-	-	-	-	0	-
Fayetteville	23,808	96.0	52,938	98.5	20,864	67.4	378	100.0	-	-	0	-

Table 26. Accessible Area by Room Codes

Institution	Special Use Facilities		General Use Facilities		Support Facilities		Health Care Facilities		Residential Facilities		Unclassified Facilities	
	500		600		700		800		900		000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Forsyth	19,761	100.0	63,031	100.0	53,189	93.2	-	-	-	-	20,600	100.0
Gaston	13,932	100.0	52,487	98.9	8,594	74.2	748	100.0	-	-	0	-
Guilford	21,706	68.0	59,352	97.3	23,812	85.2	-	-	-	-	74,567	88.9
Halifax	7,060	100.0	40,629	99.1	8,510	99.2	-	-	-	-	0	-
Haywood	1,590	100.0	37,468	100.0	10,427	83.6	-	-	-	-	14,620	91.5
Isothermal	22,920	100.0	35,395	100.0	17,163	94.6	-	-	-	-	0	-
James Sprunt	3,795	100.0	11,716	100.0	2,771	72.7	-	-	-	-	0	0.0
Johnston	16,810	100.0	36,930	100.0	19,517	86.6	-	-	-	-	0	-
Lenoir	27,021	100.0	51,908	100.0	13,655	100.0	-	-	-	-	0	-
Martin	3,120	23.5	48,362	83.1	5,369	100.0	-	-	-	-	0	-
Mayland	452	100.0	16,358	100.0	3,505	61.6	-	-	-	-	265	100.0
McDowell	1,165	100.0	19,872	99.8	6,388	100.0	-	-	-	-	0	-
Mitchell	9,765	55.9	33,229	83.3	8,813	81.7	-	-	-	-	6,711	81.4
Montgomery	1,361	100.0	10,986	100.0	2,452	100.0	-	-	-	-	0	-
Nash	-	-	30,762	99.4	8,119	92.2	-	-	-	-	0	-
Pamlico	140	100.0	9,292	100.0	2,180	82.0	-	-	-	-	0	-
Piedmont	-	-	15,413	99.1	13,998	100.0	-	-	-	-	0	-
Pitt	20,896	100.0	16,947	100.0	17,189	100.0	-	-	-	-	601	100.0
Randolph	5,152	100.0	36,388	100.0	37,117	100.0	-	-	-	-	4,566	100.0
Richmond	989	100.0	36,738	87.4	6,358	91.4	100	44.2	-	-	11,515	100.0
Roanoke-Chowan	9,874	100.0	14,075	100.0	5,623	61.0	-	-	-	-	0	-
Robeson	1,538	100.0	38,216	100.0	7,122	100.0	-	-	-	-	0	-
Rockingham	20,750	67.4	34,218	99.2	7,019	100.0	-	-	-	-	5,019	100.0
Rowan-Cabarrus	3,843	100.0	37,394	100.0	19,904	100.0	-	-	-	-	20,512	100.0
Sampson	-	-	17,809	100.0	6,675	100.0	-	-	-	-	0	-
Sandhills	26,655	95.0	46,147	97.9	2,894	56.2	-	-	623	11.1	0	-
South Piedmont	1,291	100.0	49,254	100.0	17,707	97.5	-	-	-	-	59,411	59.6
Southeastern	11,272	100.0	17,915	100.0	5,055	100.0	-	-	-	-	2,659	100.0
Southwestern	18,202	100.0	28,481	100.0	6,129	67.8	-	-	-	-	2,070	100.0
Stanly	2,867	100.0	19,585	100.0	7,423	100.0	-	-	-	-	107	100.0
Surry	17,276	100.0	30,169	94.5	10,767	89.1	-	-	-	-	0	-
Tri-County	-	-	13,563	100.0	9,942	92.7	-	-	-	-	0	-
Vance-Granville	1,098	100.0	42,407	100.0	4,206	58.5	-	-	-	-	18,560	99.6
Wake	36,462	100.0	58,214	100.0	26,896	75.8	-	-	-	-	34,912	100.0
Wayne	9,574	100.0	27,469	99.3	26,787	100.0	434	100.0	-	-	0	-
Western Piedmont	2,250	100.0	30,767	100.0	8,423	62.5	-	-	-	-	8,027	17.7
Wilkes	24,050	99.9	47,933	93.8	23,424	100.0	-	-	-	-	1,205	100.0
Wilson	-	-	13,364	100.0	7,489	90.1	-	-	-	-	0	-
Subtotal	629,909	92.9	2,012,095	97.8	751,515	87.7	4,619	87.6	1,379	16.9	357,678	79.3
Private Institutions												
NC Private Universities												
Barton	50,010	100.0	54,818	98.0	7,677	100.0	741	100.0	84,088	80.5	0	-
Campbell	109,355	86.3	132,542	90.3	21,150	97.4	2,964	100.0	174,261	41.6	0	0.0
Mars Hill	39,607	88.7	83,140	69.2	13,984	95.9	995	43.4	36,084	21.8	9,314	71.7
Pfeiffer	35,624	84.9	28,157	61.1	4,083	34.2	338	100.0	17,654	15.6	9,177	31.2
Subtotal	234,596	89.1	298,657	80.9	46,894	83.9	5,038	79.5	312,087	38.9	18,491	42.7
Grand Total	5,165,540	85.7	6,694,100	94.9	2,765,167	87.4	1,136,008	89.5	8,912,051	74.9	1,386,250	68.7

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Institutional Index

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

Institutional Index

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. State University	1-1	002972	Wake	Raleigh 27695	02, 04, 13
NCSU Veterinary School	1-1		Wake	Raleigh 27695	02, 04, 13
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Pfeiffer University	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Community College	1-3	009646	Person	Roxboro 27573	13
Pitt Community College	1-3	004062	Pitt	Greenville 27835	01, 03
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05, 13
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28145	06, 12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	02, 07
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	06
South Piedmont Community College	1-3	007985	Anson	Polkton 28135	08
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28804	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27599	04
U. of N. C. at Charlotte	1-1	002975	Mecklenburg	Charlotte 28223	08, 09, 12
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27402	06, 12, 13
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27599	04
U. of N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	05, 12

Institutional Index

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 2010 census.

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Index

- Academic administration (subprogram), 78, 80-81, 142-143
- Academic computer support (subprogram), 78, 80-81, 142-143
- Academic facilities, 15, 18-19
per FTE student, 16-19
- Academic personnel development (subprogram), 79-81, 142-143
- Academic support:
program, 65, 67-69, 136-137
subprograms, 78-81, 142-143
- Accessibility of facilities to mobility impaired, 131-133, 135-153
- Address, institutional, 155-157
- Administrative computer support (subprogram), 86-89, 146-147
- Age of buildings, 116-119
- Ancillary support (subprogram), 78, 80-81, 142-143
- Assignable square feet, 61-63, 132-133
distribution among programs, 64-89
distribution among room codes, 90-97
per student station, 50-52, 98-101
to gross square feet (ratio), 61-63
- Assignable square feet of academic facilities: See "Academic facilities"
- Average weekly room hours of instruction:
in classrooms, 20-23, 48, 50
in class labs, 24-27, 48, 51
- Average weekly use of student stations:
in classrooms, 28-31, 50
in class labs, 32-35, 51
- Building cost, 112-115
- Building maintenance (subprogram), 83-85, 144-145
- Buildings:
age of, 116-119
condition of, 120-123, 125-127
number of, 114-115
- Capacity/enrollment ratio, 9-13
- Class laboratories:
number of, 104-105
stations in, 102-105
utilization, 24-27, 32-35, 36-39, 41-47, 48, 50-51
- Classrooms:
accessibility to mobility impaired, 150-151
number of, 100-101
space, 90, 94-95
stations in, 98-101
utilization, 20-23, 28-31, 36-39, 41-43, 46-48, 50
- Clock hours: See "Student clock hours"
- Community services (subprogram), 72, 76, 77, 140, 141
- Condition of buildings, 120-124, 125-127
- Conference rooms, 50, 52
- Construction costs, 112-113
- Cooperative extension services (subprogram), 73, 76-77, 140-141
- Cost:
of construction, 112-115
to renovate or replace, 125-127
- Counseling & career guidance (subprogram), 82, 84-85, 144-145
- Course & curriculum development (subprogram), 79-81, 142-143
- Custodial services (subprogram), 83-85, 144-145
- Daytime instruction, 20, 32
in classrooms, 22-23, 30-31
in class labs, 26-27, 34-35
- Direct patient care (subprogram), 72, 76, 77, 140, 141
- Educational media services (subprogram), 78, 80-81, 142-143
- Enrollments:
headcount, 55
full-time equivalent (FTE), 16, 18-19, 54-58
- Estimated replacement cost: See "Replacement value"
- Executive management (subprogram) 86, 88-89, 146-147
- Extension services: See "Cooperative extension service"

Faculty & staff auxiliary services (subprogram), 86, 88-89, 146-147
 FCAP, 120, 124
 Financial aid administration (subprogram), 82, 84-85, 144-145
 Full-time equivalent (FTE) enrollment, 16, 18-19, 54-58

 General academic instruction (subprogram), 71, 74-75, 138-139
 General studies, nondegree (subprogram), 71, 74-75, 138-139
 General use facilities, 90-91, 93, 96-97, 152-153
 Gross square feet, 61-63, 114-115

 Headcount enrollments, 55
 Health care supportive services (subprogram), 72, 75, 77, 139, 141
 Home & family life instruction, nondegree (subprogram), 72, 74-75, 138-139
 High school enrollments, 4, 18

 Independent operations:
 program, 66-69, 136-137
 subprograms, 87-89, 146-147
 Independent operations/external agencies (subprogram), 87-89, 146-147
 Independent operations/institutional (subprogram), 87-89, 146-147
 Individual or project research (subprogram), 72, 76-77, 140-141
 Institutes & research centers (subprogram), 72, 76-77, 140-141
 Institutional administration:
 program, 65, 67-69, 136-137
 subprograms, 86-89, 146-147
 Instruction:
 program, 65, 67-69, 136-137
 subprograms, 71-72, 74-75, 138-139
 Instructional & library space, 9, 12-13
 Intercollegiate athletics (subprogram), 82, 84-85, 144-145

 Laboratories, 90-91, 93-95, 150-151
 See also "Class laboratories)
 Landscape & ground maintenance (subprogram), 83-85, 144-145
 Libraries, 53
 Library service (subprogram), 78, 80-81, 142-143
 Limitations and special situations, 3-5

 Major repairs & renovations (subprogram), 83
 Medical care facilities, 90-93, 96-97, 152-153
 Medical schools, 1-2, 4, 18
 Museums & galleries (subprogram), 78, 80-81, 142-143

 Net-to-gross ratio, 61-63
 Nighttime instruction, 20, 24, 28, 32
 in classrooms, 21-23, 29-31
 in class labs, 25-27, 33-35

 Occupation-related instruction, nondegree (subprogram), 71, 74, 75, 138-139
 Offices, 52, 90-91, 93-95, 150-151
 Ownership of buildings, 109-111

 Parking decks, 61
 Percent student station utilization, 36-39, 48
 Personal interest & leisure instruction, nondegree (subprogram), 72, 74-75, 78, 138-139
 Physical plant administration (subprogram), 83-85, 144-145
 Physical plant operations:
 program, 65, 68-69, 136-137
 subprograms, 83-85, 144-145
 Potential student hours of instruction, 36
 Program classification structure, 64-66, 71-73, 78-79, 82-83, 86-87
 Public broadcasting services (subprogram), 73, 76-77, 79, 140-141
 Public relations/development (subprogram), 86, 88-89, 146-147
 Public services:
 program, 65, 67-69, 136-137
 subprograms, 72-73, 76-77, 140-141

Renovations, 61, 125-127
Replacement value, 112-115
Requisite preparatory/remedial instruction,
(subprogram), 71, 74-75, 138-139
Research:
 program, 65, 67-69, 136-137
 subprograms, 72, 76-77, 140-141
Residential facilities, 90, 92-93, 96-97, 152-153
Room codes, 91-92
Room hours of instruction, total:
 in classrooms, 20-23, 48
 in class labs, 24, 26-27, 48

Secondary level enrollments, 4, 18
Section 504 of the Rehabilitation Act of 1973,
 131, 135, 149
Social & cultural development (subprogram),
 82, 84-85, 144-145
Social roles/interaction instruction, nondegree
(subprogram), 71, 74- 75, 138-139
Space factors, 44-48
Space standards, 49-53
Special use facilities, 90,91,93, 96-97, 152-153
Square feet: See “Assignable square feet,”
“Gross square feet”
Stations: See “Student stations”
Student auxiliary services (subprograms), 82,
 84-85, 144-145
Student clock hours, 10, 12-13, 41-43
Student financial support, 66
Student health/medical services (subprogram),
 82, 84-85, 144-145
Student records (subprogram), 87-89, 146-147
Student recruitment & admissions (subprogram),
 86, 88-89, 146-147
Student services:
 program, 65, 67-69, 136-137
 subprograms, 82, 84-85, 144-145
Student stations, 28-31, 32-35, 100-101, 104-105
 assignable square feet per, 50-51, 98-101,
 102-105
Study facilities, 90-91, 93-95, 150-151
Supporting facilities, 90-91, 93, 96-97, 152-153

Unassigned space:
 program, 66-69, 136-137
 subprogram, 87-89, 146-147
Unclassified space, 90, 92-93, 96-97, 152-153
Utilities (subprogram), 83-85, 144-145

Vocational/technical instruction (subprogram),
 71, 74-75, 138-139

