STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2014

Aviation Classroom Building, Guilford Technical Community College

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 2014

For
THE STATE OF NORTH CAROLINA

FORTY-EIGHTH EDITION

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

October 2015

Aviation Classroom Building
Guilford Technical Community College
(Cover page)

The Tar Heel State has a rich history in aviation. The first documented airplane was built outside of Murfreesboro by Henry Gatling in 1873 and the Wright Brothers achieved the first powered, sustained, heavier-than-air flight at Kitty Hawk in 1903*. This celebrated past is echoed by North Carolina's bright future in aviation. Large aviation companies, including Honda and TIMCO Aviation Services, are expanding their operations in the Piedmont Triad region. Currently, commercial and general aviation traffic accounts for revenues of about $26 billion each year and are responsible for creating approximately 108,850 jobs in North Carolina*.

Guilford Technical Community College is taking advantage of the aviation opportunities in its region. According to the North Carolina Community College System, the college provides, by far, one of the largest and most comprehensive aviation programs in North Carolina. The aviation program has been continually growing and in 2014, Guilford Technical Community College opened the Aviation Classroom Building; the third facility dedicated to its aviation program.

The 41,838 square foot facility designed by ESPA Architects and Planners and constructed by Monteith Construction Company cost just over $8.9 million. The building's design was inspired by images of aviation, driven by the goal of constructing a building of the future, and focused on making the facility a LEED (Leadership in Energy and Environmental Design) Gold project. GTCC's aviation management and career pilot programs are housed in the new building. The four story facility includes a flight simulator area, a logistics/dispatch lab and a learning resource center in addition to multiple classrooms, laboratories, administrative offices and other features. During the design process, the GTCC aviation department was able to meet with the design firm to discuss what they needed and wanted the new facility to be capable of achieving.

The new facility will enable Guilford Technical Community College to continue educating North Carolina's aviation workforce. The combination of cutting edge design and customized building features has resulted in a truly unique and highly efficient facility that will allow the GTCC aviation program to continue to grow in its role as a model of success. Practical, employer-focused, hands-on training is sought after by the large aviation companies in the area who are looking to GTCC graduates for their employment needs.

* North Carolina Department of Transportation (NCDOT); http://www.ncdot.gov/newsroom/

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Pfeiffer University	Colleen P. Keith	Sharon Bard Dir. of Facilities

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-eighth 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 2014 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 2014 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 2014 comprehensive planning studies. Other studies have been conducted resulting in detailed information pertinent to this study. This information has been incorporated into this study to continually broaden the information available. Detailed facility condition information for UNC institutions presented on page 124 is such an example.

Public senior institutions, community and technical colleges, and participating private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Technical Committee. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

Jeffrey D. Hill
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by UNC General Administration's Space Utilization and Analysis unit which is a division of Budget and Finance.

Institutions Included

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

Beginning in the Fall of 2002, the 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 36 campuses, Barton College, Campbell University, Mars Hill College, and Pfeiffer University have elected to participate in 2014. Each of these participating institutions is provided with building, room, and utilization reports for their campus, and will retain the ability to request special data analysis as part of this service. Campuses that rejoin the data collection effort under the fee for service agreement will be added at the beginning of each data collection cycle.

Because of the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina University and the University of

North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Facilities Inventory and Utilization Study separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

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

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

Procedures Used in Collecting Data

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

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

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

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the Space Utilization and Analysis staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Space Utilization and Analysis staff also assists institutions by taking the measurements of new buildings for which the institutions have provided CAD files. For the past several years, improved in-house data processing capabilities have allowed data search services, special analyses, and facilities survey assistance to be provided to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by Space Utilization and Analysis staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives a PDF of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided is one copy of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Budget and Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), and to the N.C. Community College System office (two-year public institutions only).

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

UNC School of the Arts instructs secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at the campus were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for this institution, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the UNC School of the Arts. It should also be noted that the programs conducted at the UNC School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. State University and N.C. A&T State University similarly show an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to these institutions' extensive instruction and research programs in Agriculture and Engineering, which require significantly more academic space per FTE student than is typical of other general academic programs.

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

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

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

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Martin Hall, University of North Carolina at Charlotte

Design for Martin Hall introduces a new model in housing for upperclassmen while responding to UNC Charlotte's campus design standards. The exterior of the 170,000 square foot building incorporates brick and cast stone to craft a building that implements traditionally classical elements with a distinctly regional twist. A primary entry leads into a large lobby and commons area designed to build a greater sense of community with opportunities for social, recreational and academic engagement. Facilitating student interaction is a key driver of the design, which also incorporates multiple smaller study / social spaces on every floor to add to the sense-of-place and create an intuitive building organization. The facility provides 404 beds for upperclassmen, incorporated into furnished 4-bedroom / 2-bath apartments—each with full-sized kitchens and their own washers and dryers.

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
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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
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Open Laboratory
225 Open Lab Service

310 Office
315 Office Service

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

510 Armory
515 Armory Service

520 Athletic or Physical Ed.
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.

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

Capacity / Enrollment Ratio

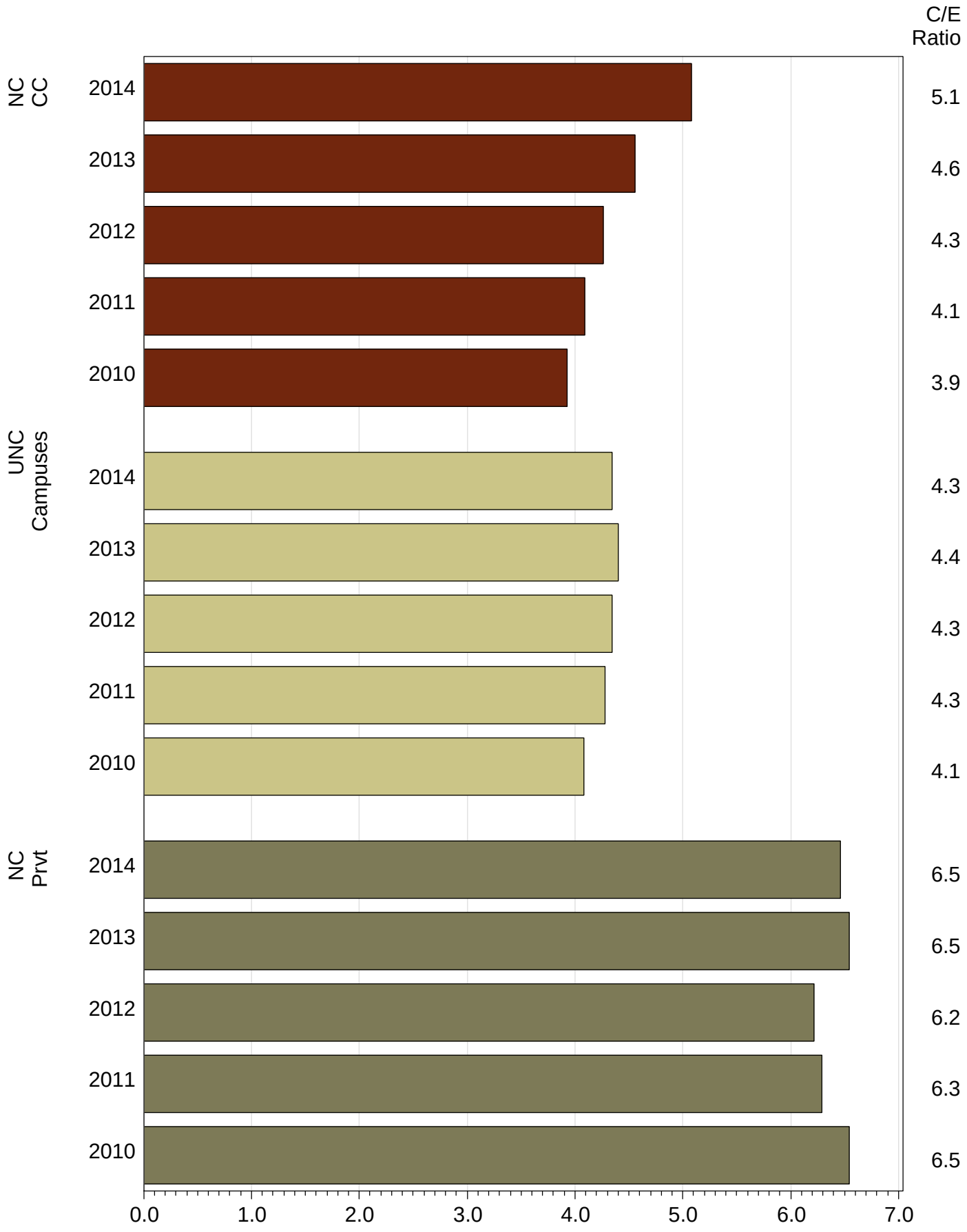

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2014	2013	2012	2011	2010
Public Institutions							
Research Universities I							
NC State	1,652,406	391,073.0	4.23	4.20	4.20	3.89	3.85
NC State Veterinary Med	-	-	-	-	-	-	-
UNC-Chapel Hill	1,825,997	301,181.5	6.06	5.95	5.80	6.18	5.71
UNC-Chapel Hill Hlth Aff.	-	-	-	-	-	-	-
Subtotal	***3,478,403***	***692,254.5***	***5.02***	***4.96***	***4.91***	***4.85***	***4.63***
Doctoral Universities I and II							
East Carolina	999,264	255,489.0	3.91	3.87	4.13	3.83	3.81
East Carolina Hlth Aff.	-	-	-	-	-	-	-
NC A&T	753,269	138,765.0	5.43	5.87	6.08	6.40	5.67
UNC Charlotte	1,001,852	334,058.0	3.00	3.23	3.26	3.17	2.88
UNC Greensboro	725,361	193,264.0	3.75	3.99	3.45	3.44	3.35
Subtotal	***3,479,746***	***921,576.0***	***3.78***	***3.96***	***3.94***	***3.90***	***3.66***
Master's (Comprehensive) Universities and Colleges I							
Appalachian	787,430	261,910.0	3.01	3.06	3.06	3.06	2.99
Fayetteville	325,884	60,267.0	5.41	5.17	4.54	4.92	4.47
NC Central	522,052	82,152.0	6.35	5.73	5.41	5.64	4.78
UNC Pembroke	306,249	63,437.0	4.83	4.86	4.73	4.63	4.02
UNC Wilmington	530,331	179,361.5	2.96	3.14	3.11	2.92	3.14
Western Carolina	550,468	130,585.0	4.22	4.25	4.50	4.43	4.50
Winston-Salem	284,024	53,673.5	5.29	5.47	4.41	4.11	4.06
Subtotal	***3,306,438***	***831,386.0***	***3.98***	***4.01***	***3.90***	***3.86***	***3.73***
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	293,271	19,894.5	14.74	10.59	8.18	8.33	6.75
UNC Asheville	242,829	56,263.0	4.32	4.42	4.63	4.37	4.85
Subtotal	***536,100***	***76,157.5***	***7.04***	***6.49***	***6.03***	***5.84***	***5.62***
Schools of Art, Music, and Design							
UNC School of the Arts	286,571	30,909.5	9.27	9.54	10.05	9.25	7.88
Subtotal	***286,571***	***30,909.5***	***9.27***	***9.54***	***10.05***	***9.25***	***7.88***
Community Colleges							
Alamance	180,178	43,923.5	4.10	3.71	3.55	3.33	2.94
Asheville-Buncombe	353,146	61,098.5	5.78	4.34	4.66	4.73	4.68
Beaufort Co.	132,913	17,186.0	7.73	6.00	6.25	5.10	5.21
Bladen	74,774	14,560.5	5.14	4.47	4.49	4.85	3.69
Blue Ridge	192,642	22,860.5	8.43	7.52	6.58	7.47	8.24
Brunswick	105,314	24,000.5	4.39	3.80	4.25	4.14	4.41
Caldwell	241,450	29,748.0	8.12	5.70	4.54	4.24	4.20
Cape Fear	419,423	110,603.0	3.79	3.66	3.04	3.13	3.08
Carteret	126,899	17,153.0	7.40	6.95	6.03	6.10	5.34
Catawba Valley	242,375	43,565.0	5.56	5.38	4.62	4.57	3.98
Central Carolina	314,167	56,606.5	5.55	6.30	5.65	4.53	5.01
Central Piedmont	906,458	188,157.5	4.82	4.34	4.47	4.46	4.26
Cleveland	160,048	22,552.5	7.10	5.47	5.12	4.42	3.98
Coastal Carolina	180,037	54,783.0	3.29	3.15	2.98	3.12	3.59
Coll. of Albemarle	186,371	18,933.5	9.84	9.26	6.43	5.46	5.06
Craven	160,706	29,466.5	5.45	4.72	4.71	4.65	4.79
Davidson County	207,206	37,346.0	5.55	5.01	4.37	4.28	4.01
Durham	230,202	53,067.0	4.34	4.86	3.57	3.72	3.37
Edgecombe	107,734	24,591.0	4.38	4.15	2.79	2.89	2.65
Fayetteville	442,859	100,872.0	4.39	3.70	4.17	4.10	4.08
Forsyth	441,386	89,657.5	4.92	4.18	3.85	3.06	3.23
Gaston	329,775	46,901.5	7.03	5.84	5.23	5.05	4.53
Guilford	612,651	159,582.0	3.84	3.47	3.51	3.39	3.06
Halifax	110,807	14,866.0	7.45	6.37	5.50	5.71	5.11
Haywood	164,912	19,703.5	8.37	8.17	6.84	7.69	6.75

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

Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2014	2013	2012	2011	2010
Isothermal	166,739	15,678.5	10.63	7.37	5.80	5.47	4.43
James Sprunt	74,216	13,178.5	5.63	5.03	4.08	4.31	4.59
Johnston	213,496	34,909.5	6.12	5.01	4.40	4.26	4.05
Lenoir	218,627	36,235.5	6.03	6.05	5.63	5.00	4.82
Martin	82,091	8,805.5	9.32	5.71	5.23	5.03	5.67
Mayland	74,351	10,596.5	7.02	6.43	5.53	5.50	5.27
McDowell	105,582	10,952.0	9.64	5.47	4.65	4.84	4.63
Mitchell	168,656	36,093.0	4.67	4.30	3.75	3.54	3.24
Montgomery	68,309	9,436.5	7.24	7.28	6.87	6.43	6.04
Nash	124,615	32,858.5	3.79	3.60	3.61	3.17	3.51
Pamlico	34,705	2,995.0	11.59	11.07	9.81	10.30	7.82
Piedmont	89,352	16,435.0	5.44	5.47	4.67	3.96	3.27
Pitt	284,880	76,761.0	3.71	3.25	3.08	2.42	2.49
Randolph	193,214	28,527.0	6.77	6.45	5.27	5.14	4.31
Richmond	111,502	24,533.0	4.54	3.73	3.81	3.59	3.65
Roanoke-Chowan	58,570	11,581.5	5.06	3.93	3.94	5.48	5.07
Robeson	127,259	29,970.0	4.25	3.38	3.40	2.97	2.73
Rockingham	158,535	23,116.5	6.86	6.09	5.24	5.23	5.10
Rowan-Cabarrus	232,231	62,116.5	3.74	3.47	3.61	3.22	2.83
Sampson	96,583	19,436.5	4.97	4.48	4.32	4.49	4.00
Sandhills	233,382	43,692.0	5.34	4.86	4.36	3.87	4.17
South Piedmont	121,835	22,956.5	5.31	5.57	5.19	5.13	3.39
Southeastern	127,649	14,240.0	8.96	8.11	6.47	6.12	6.31
Southwestern	132,453	24,351.0	5.44	5.67	4.64	5.40	4.74
Stanly	104,792	12,203.0	8.59	5.35	4.27	4.35	4.19
Surry	246,265	46,686.5	5.27	5.04	4.86	5.00	4.46
Tri-County	83,496	12,458.0	6.70	5.44	7.33	6.42	6.10
Vance-Granville	157,377	35,071.5	4.49	4.21	3.89	4.04	4.22
Wake	608,318	189,247.5	3.21	3.28	3.16	2.85	3.04
Wayne	173,263	33,600.5	5.16	4.29	3.89	3.92	4.10
Western Piedmont	169,270	24,061.5	7.03	6.06	5.11	4.24	4.07
Wilkes	188,940	33,509.5	5.64	4.57	4.71	4.80	4.29
Wilson	100,846	16,551.0	6.09	5.02	5.01	6.03	4.89
Subtotal	***11,755,832***	***2,314,629.0***	***5.08***	***4.56***	***4.26***	***4.09***	***3.93***
		Private Institutions					
NC Private Universities							
Barton	126,900	15,357.5	8.26	7.76	7.94	8.08	8.37
Campbell	331,772	67,607.0	4.91	5.15	4.54	4.52	4.65
Mars Hill	177,664	21,446.5	8.28	8.13	8.55	9.26	10.20
Pfeiffer	119,318	12,605.5	9.47	9.15	8.99	8.78	8.51
Subtotal	***755,654***	***117,016.5***	***6.46***	***6.54***	***6.22***	***6.29***	***6.54***
Grand Total	***23,598,744***	***4,983,929.0***	***4.73***	***4.53***	***4.34***	***4.23***	***4.05***

****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:

Institutional Level	Public	Private	Total
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 =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

Square Feet of Academic Facilities
Per FTE Student

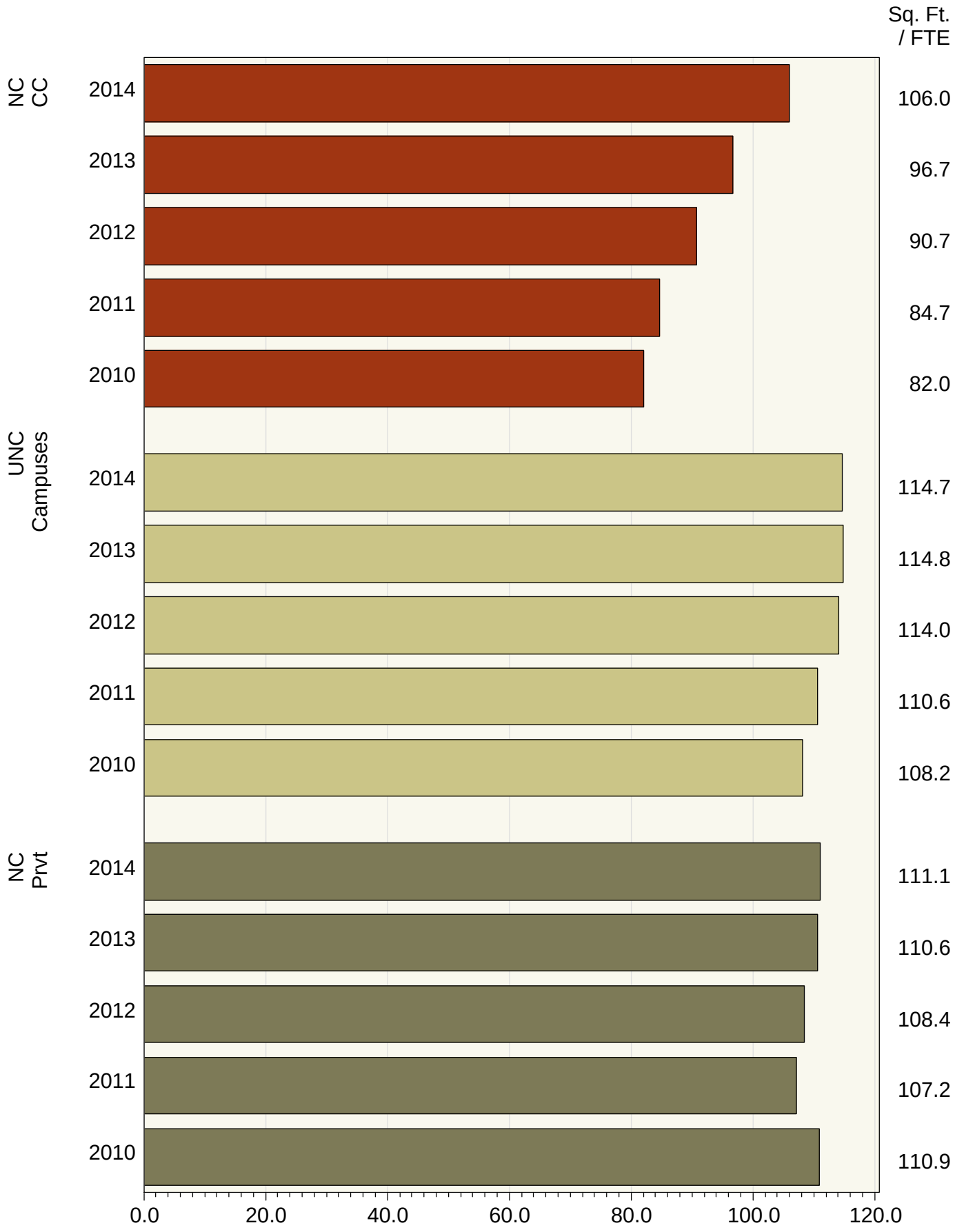


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2014	2013	2012	2011	2010
Public Institutions							
Research Universities I							
NC State	5,780,936	29,984	193	192	186	183	183
NC State Veterinary Med	*414,943*	*376*	*1,104*	*1,161*	*1,245*	*1,279*	*1,107*
UNC-Chapel Hill	3,674,088	22,263	165	164	163	155	153
UNC-Chapel Hill Hlth Aff.	*2,529,442*	*4,709*	*537*	*513*	*503*	*509*	*510*
Subtotal	***9,455,024***	***52,247***	***181***	***180***	***176***	***171***	***170***
Doctoral Universities I and II							
East Carolina	1,589,662	22,235	71	69	73	68	67
East Carolina Hlth Aff.	*862,476*	*2,484*	*347*	*335*	*319*	*338*	*349*
NC A&T	1,553,342	10,052	155	157	157	154	146
UNC Charlotte	1,741,389	24,716	70	72	73	70	67
UNC Greensboro	1,447,816	16,568	87	90	86	82	80
Subtotal	***6,332,209***	***73,571***	***86***	***87***	***88***	***84***	***81***
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,208,186	17,310	70	71	71	71	69
Fayetteville	523,052	5,133	102	98	92	86	84
NC Central	795,269	7,087	112	106	100	103	91
UNC Pembroke	474,709	5,525	86	87	86	79	72
UNC Wilmington	971,734	13,613	71	73	76	76	77
Western Carolina	845,703	9,324	91	93	97	94	95
Winston-Salem	486,246	4,854	100	97	92	80	78
Subtotal	***5,304,899***	***62,846***	***84***	***85***	***84***	***82***	***79***
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	408,173	1,767	231	178	150	144	124
UNC Asheville	406,911	3,496	116	117	123	115	121
Subtotal	***815,084***	***5,263***	***155***	***141***	***135***	***128***	***122***
Schools of Art, Music, and Design							
UNC School of the Arts	449,556	954	471	499	514	506	520
UNC Subtotal	***22,356,772***	***194,881***	***115***	***115***	***114***	***111***	***108***
Community Colleges							
Alamance	217,855	3,180	69	68	63	57	59
Asheville-Buncombe	440,820	5,138	86	74	69	71	77
Beaufort Co.	169,560	1,098	154	139	130	112	114
Bladen	96,702	1,138	85	85	78	68	60
Blue Ridge	231,823	1,232	188	162	162	149	144
Brunswick	139,697	1,048	133	133	139	138	147
Caldwell	291,317	2,330	125	117	95	89	92
Cape Fear	546,856	6,310	87	85	67	64	62
Carteret	157,060	904	174	166	146	144	134
Catawba Valley	296,673	2,672	111	118	106	95	83
Central Carolina	352,289	3,768	93	96	86	93	80
Central Piedmont	1,225,027	9,982	123	110	110	100	99
Cleveland	192,242	1,450	133	106	101	87	77
Coastal Carolina	208,273	2,830	74	73	72	72	67
Coll. of Albemarle	254,564	1,078	236	210	193	155	151
Craven	192,192	1,610	119	105	108	97	94
Davidson County	282,894	3,184	89	88	85	82	78
Durham	322,499	2,974	108	105	100	103	92
Edgecombe	148,714	1,324	112	95	87	81	72

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 2014 figures for these programs are: ASF: 332,078; FTE: 1014; ASF per FTE: 327. 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				
			2014	2013	2012	2011	2010
Fayetteville	583,644	8,578	68	65	64	63	67
Forsyth	596,390	6,278	95	90	78	60	63
Gaston	412,227	4,376	94	89	88	86	76
Guilford	1,046,624	7,176	146	89	77	70	70
Halifax	164,887	758	218	204	167	150	140
Haywood	198,443	960	207	179	165	157	134
Isothermal	225,605	1,122	201	168	138	130	109
James Sprunt	109,337	972	112	96	84	93	99
Johnston	282,476	2,382	119	113	110	103	94
Lenoir	261,204	2,300	114	115	115	103	94
Martin	104,352	516	202	165	161	147	152
Mayland	93,873	730	129	120	114	114	112
McDowell	136,365	878	155	104	92	92	77
Mitchell	219,940	1,662	132	118	109	94	88
Montgomery	80,748	708	114	123	118	123	115
Nash	148,480	2,236	66	70	72	66	62
Pamlico	51,918	80	649	666	618	351	295
Piedmont	131,743	1,186	111	105	92	73	64
Pitt	348,845	6,782	51	50	50	40	40
Randolph	252,801	1,540	164	143	136	129	119
Richmond	165,635	1,836	90	84	82	85	94
Roanoke-Chowan	79,453	478	166	141	139	123	135
Robeson	162,548	1,714	95	85	66	68	70
Rockingham	195,548	1,466	133	121	125	107	99
Rowan-Cabarrus	315,971	3,394	93	88	86	74	68
Sampson	117,946	1,000	118	108	109	103	95
Sandhills	271,647	2,306	118	107	100	87	82
South Piedmont	178,911	1,014	176	170	164	142	123
Southeastern	166,739	854	195	172	138	121	118
Southwestern	174,671	1,352	129	135	127	114	105
Stanly	132,835	1,998	66	64	61	55	55
Surry	284,762	2,560	111	103	101	98	88
Tri-County	110,159	514	214	188	164	153	141
Vance-Granville	227,713	2,530	90	82	79	73	74
Wake	746,775	11,088	67	67	66	60	63
Wayne	225,638	2,698	84	74	75	74	74
Western Piedmont	251,038	898	280	145	137	113	108
Wilkes	241,191	2,262	107	97	99	97	87
Wilson	123,735	828	149	134	132	134	114
Subtotal	***15,389,874***	***145,260***	***106***	***97***	***91***	***85***	***82***
		Private Institutions					
NC Private Universities							
Barton	174,428	978	178	179	178	163	168
Campbell	463,634	5,601	83	83	76	76	80
Mars Hill	229,046	1,395	164	165	180	192	210
Pfeiffer	188,963	1,532	123	121	117	109	106
Subtotal	***1,056,071***	***9,506***	***111***	***111***	***108***	***107***	***111***
Grand Total	***38,802,717***	***349,647***	***111***	***107***	***104***	***99***	***96***

**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 2014 figures for these programs are: ASF: 332,078; FTE: 1014; ASF per FTE: 327. 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 =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

Average Weekly Room Hours of Instruction
In Classrooms

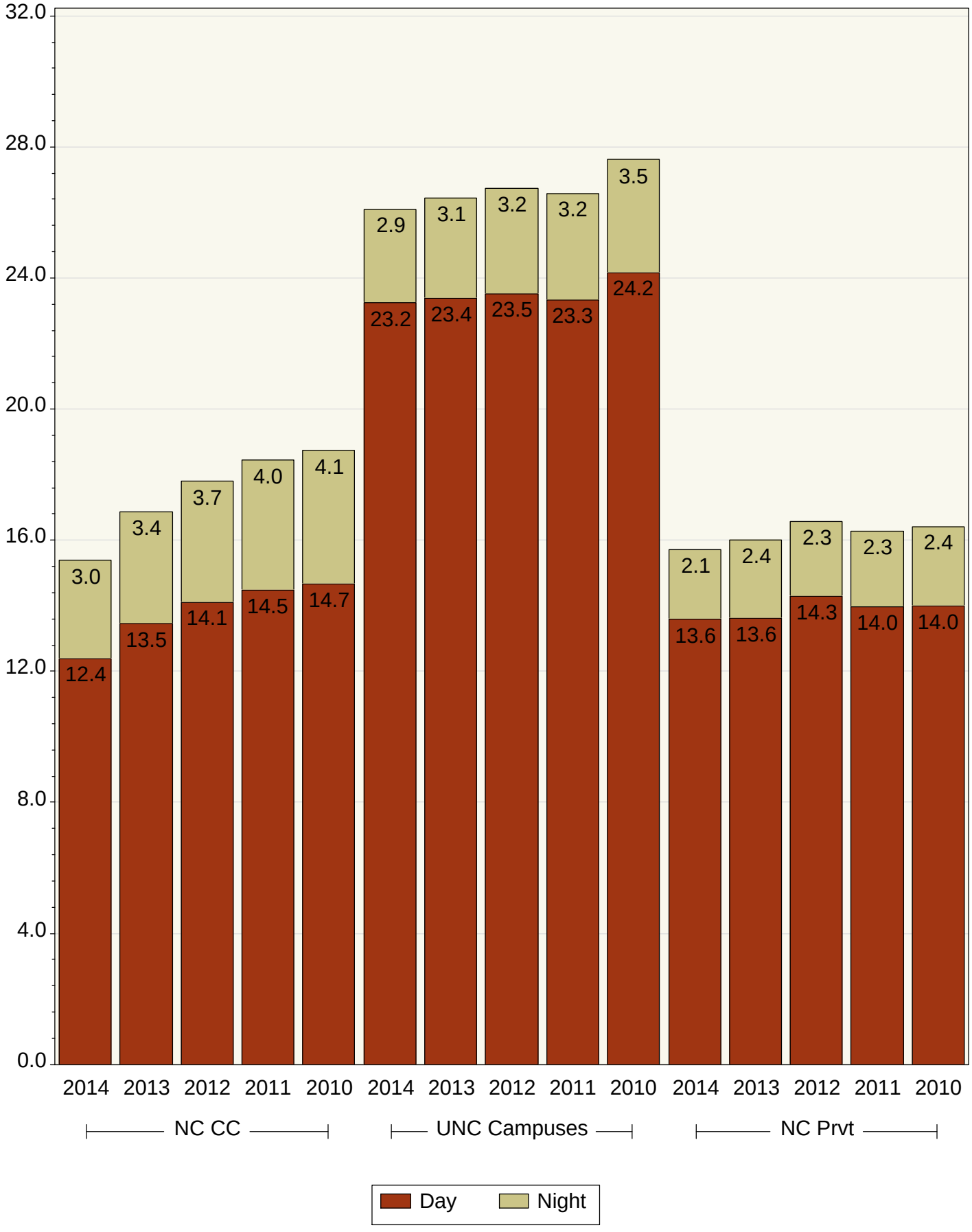


Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours 2014	2013	2012	2011	2010
Public Institutions								
Research Universities I								
NC State	7,142.0	27.9	2.4	30.3	30.8	29.9	29.3	28.2
UNC-Chapel Hill	7,520.5	25.5	1.8	27.3	26.9	26.8	24.0	24.5
Subtotal	***14,662.5***	***26.6***	***2.0***	***28.6***	***28.7***	***28.1***	***26.3***	***26.2***
Doctoral Universities I and II								
East Carolina	5,521.0	25.0	2.0	27.0	27.1	27.1	27.9	28.7
NC A&T	3,709.5	21.8	3.1	24.9	24.1	23.6	19.8	21.5
UNC Charlotte	6,816.0	24.7	5.8	30.5	30.5	30.2	31.1	31.4
UNC Greensboro	3,966.5	24.9	3.3	28.2	30.0	32.2	32.5	36.6
Subtotal	***20,013.0***	***24.2***	***3.7***	***27.9***	***28.0***	***28.3***	***27.6***	***29.2***
Master's (Comprehensive) Universities and Colleges I								
Appalachian	6,107.5	27.8	2.4	30.2	30.3	31.0	30.4	32.1
Fayetteville	1,854.5	22.2	6.3	28.5	30.3	33.1	28.4	34.3
NC Central	2,517.5	15.1	2.5	17.6	18.9	19.2	20.2	22.3
UNC Pembroke	2,463.0	19.7	3.6	23.3	23.0	23.3	24.7	28.3
UNC Wilmington	4,628.5	24.0	2.8	26.8	26.7	27.3	28.9	29.2
Western Carolina	3,322.5	26.0	2.9	28.9	28.0	26.0	28.2	29.0
Winston-Salem	1,781.5	19.2	3.0	22.2	24.2	29.7	31.4	30.4
Subtotal	***22,675.0***	***22.6***	***3.0***	***25.6***	***26.1***	***26.8***	***27.5***	***29.1***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	684.0	7.4	0.7	8.1	10.9	13.9	15.4	16.5
UNC Asheville	1,567.5	25.9	2.1	28.0	28.5	25.8	29.0	30.2
Subtotal	***2,251.5***	***14.8***	***1.2***	***16.0***	***17.8***	***19.2***	***21.8***	***23.0***
Schools of Art, Music, and Design								
UNC School of the Arts	562.0	10.1	0.5	10.6	11.3	11.7	11.6	10.2
Subtotal	***562.0***	***10.1***	***0.5***	***10.6***	***11.3***	***11.7***	***11.6***	***10.2***
Community Colleges								
Alamance	1,683.5	13.1	3.5	16.6	19.4	18.9	19.5	20.2
Asheville-Buncombe	1,711.5	12.1	2.7	14.8	18.8	15.7	18.2	20.8
Beaufort Co.	715.5	9.8	2.3	12.1	14.4	13.1	15.1	16.1
Bladen	476.0	10.1	2.4	12.5	18.0	18.3	18.5	19.2
Blue Ridge	1,117.5	11.9	2.8	14.7	16.3	15.9	15.9	14.9
Brunswick	1,051.5	13.9	1.5	15.4	18.9	17.9	20.3	15.9
Caldwell	1,221.0	9.2	1.8	11.0	14.8	17.6	17.3	18.3
Cape Fear	3,220.5	18.0	5.1	23.1	24.4	26.4	26.2	27.6
Carteret	767.5	8.7	3.0	11.7	14.8	14.6	14.1	15.4
Catawba Valley	1,212.5	11.6	1.9	13.5	16.4	18.1	20.6	21.0
Central Carolina	2,187.0	9.5	2.7	12.2	11.1	11.7	14.4	13.4
Central Piedmont	6,544.5	12.4	3.7	16.1	18.9	19.8	17.8	18.5
Cleveland	955.0	11.0	3.5	14.5	15.3	16.0	19.9	22.4
Coastal Carolina	1,741.0	15.2	3.1	18.3	20.2	23.9	22.1	21.3
Coll. of Albemarle	652.0	7.1	1.8	8.9	8.9	11.8	16.0	13.3
Craven	1,216.5	11.3	3.6	14.9	15.8	15.6	16.4	17.8
Davidson County	1,254.0	12.5	1.4	13.9	14.1	15.0	14.3	15.0
Durham	1,832.5	12.1	3.2	15.3	12.1	17.5	17.4	18.6
Edgecombe	1,093.0	13.0	3.1	16.1	13.5	18.3	20.0	19.2
Fayetteville	3,353.5	13.0	2.7	15.7	17.4	16.4	18.4	18.1
Forsyth	3,090.5	11.7	3.1	14.8	17.4	21.1	23.3	23.8
Gaston	1,501.5	8.9	2.4	11.3	13.1	14.5	16.5	19.3
Guilford	4,678.5	12.6	3.5	16.1	20.1	19.9	20.8	22.2
Halifax	687.5	12.5	2.2	14.7	16.3	15.3	15.5	15.2
Haywood	589.5	11.8	1.6	13.4	13.2	14.8	12.9	15.9
Isothermal	496.0	6.5	1.4	7.9	9.1	10.1	12.3	13.0
James Sprunt	605.0	11.2	3.5	14.7	15.7	16.7	14.8	16.8
Johnston	1,465.5	11.0	1.7	12.7	14.5	15.5	16.0	14.8
Lenoir	1,522.0	12.6	2.5	15.1	14.9	14.8	14.4	13.4

Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2014	2013	2012	2011	2010
Martin	310.5	9.4	1.3	10.7	12.4	17.9	19.5	16.2
Mayland	560.5	10.2	2.2	12.4	12.5	15.2	15.4	16.1
McDowell	524.0	9.0	3.4	12.4	15.4	15.1	13.1	8.8
Mitchell	1,379.0	11.0	2.2	13.2	14.6	16.4	15.3	17.3
Montgomery	450.0	13.5	3.2	16.7	17.5	18.6	18.7	17.9
Nash	1,223.5	15.0	3.6	18.6	20.3	20.9	23.8	21.6
Pamlico	252.0	8.0	4.0	12.0	11.2	10.6	10.6	12.7
Piedmont	721.0	11.2	2.7	13.9	15.1	16.5	17.8	20.7
Pitt	2,594.0	22.2	5.1	27.3	28.0	29.2	33.8	33.7
Randolph	1,082.0	9.0	2.3	11.3	11.2	14.7	16.4	19.4
Richmond	913.0	13.9	4.0	17.9	21.0	21.2	15.0	14.8
Roanoke-Chowan	341.0	9.0	3.1	12.1	15.0	16.4	11.4	14.6
Robeson	859.0	15.8	3.3	19.1	20.1	19.1	21.1	23.7
Rockingham	739.0	13.1	3.3	16.4	16.5	21.5	19.5	20.2
Rowan-Cabarrus	2,481.5	17.7	6.2	23.9	24.2	22.6	25.2	21.5
Sampson	736.0	12.2	5.3	17.5	17.7	19.1	17.8	18.2
Sandhills	1,648.5	11.4	2.5	13.9	16.0	17.3	20.1	17.6
South Piedmont	817.5	11.6	2.7	14.3	12.9	15.5	14.4	18.6
Southeastern	539.5	8.5	1.3	9.8	10.3	13.0	14.3	11.5
Southwestern	1,047.0	17.7	1.3	19.0	17.6	19.0	18.2	19.2
Stanly	472.5	7.9	1.0	8.9	16.0	18.2	17.2	14.3
Surry	1,503.0	12.3	2.1	14.4	15.4	16.8	15.5	17.7
Tri-County	578.0	8.9	2.7	11.6	14.0	11.3	12.5	12.6
Vance-Granville	1,230.0	15.0	3.9	18.9	20.3	18.2	18.2	16.0
Wake	5,080.0	17.9	4.4	22.3	22.3	20.8	24.1	22.6
Wayne	1,099.5	16.8	2.2	19.0	17.0	16.5	17.7	15.1
Western Piedmont	814.5	10.5	2.3	12.8	16.1	18.6	23.5	24.0
Wilkes	1,498.0	13.0	2.6	15.6	16.0	17.3	17.8	19.3
Wilson	591.5	8.4	2.4	10.8	12.6	13.5	12.9	14.2
Subtotal	***80,727.5***	***12.4***	***3.0***	***15.4***	***16.9***	***17.8***	***18.5***	***18.8***
			Private Institutions					
NC Private Universities								
Barton	630.0	13.3	2.5	15.8	17.4	17.0	16.4	17.1
Campbell	1,770.0	16.7	2.0	18.7	17.7	18.8	18.7	18.8
Mars Hill	922.0	12.6	1.5	14.1	16.0	16.9	14.8	13.8
Pfeiffer	607.0	9.2	3.0	12.2	11.8	12.0	13.4	14.4
Subtotal	***3,929.0***	***13.6***	***2.1***	***15.7***	***16.0***	***16.6***	***16.3***	***16.4***
Grand Total	***144,820.5***	***15.6***	***2.9***	***18.5***	***19.8***	***20.5***	***20.9***	***21.3***

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.

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

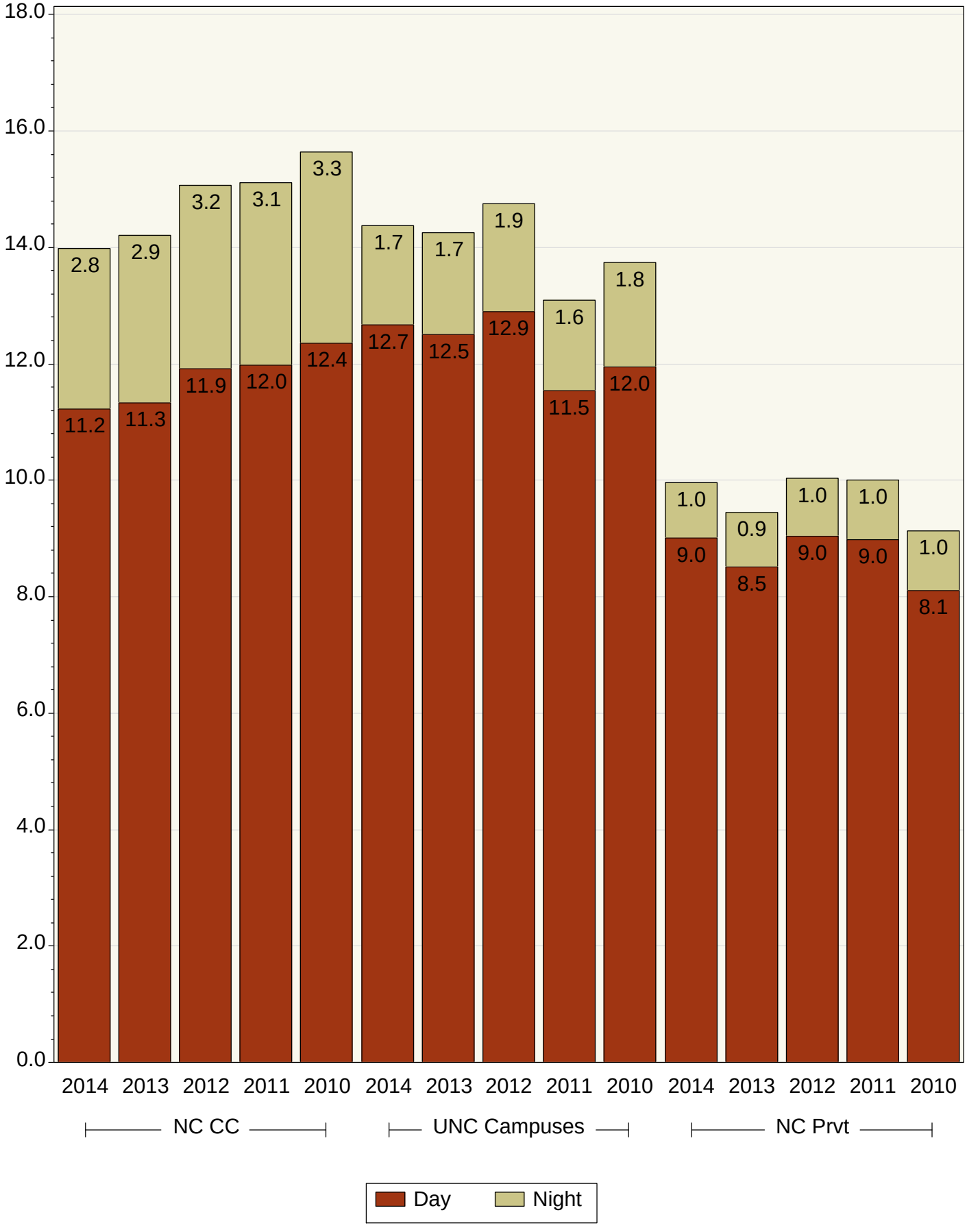


Table 4. Average Weekly Room Hours of Instruction in Class Laboratories

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours 2014	2013	2012	2011	2010
Public Institutions								
Research Universities I								
NC State	3,339.5	11.6	1.1	12.7	12.4	11.5	12.5	12.6
UNC-Chapel Hill	1,251.5	10.1	1.6	11.7	11.5	13.9	9.3	9.5
Subtotal	***4,591.0***	***11.2***	***1.3***	***12.5***	***12.2***	***12.1***	***11.4***	***11.6***
Doctoral Universities I and II								
East Carolina	2,361.0	13.1	1.8	14.9	15.6	14.3	14.4	16.2
NC A&T	1,209.0	12.9	1.5	14.4	14.5	14.0	5.3	6.2
UNC Charlotte	2,476.5	14.1	2.7	16.8	15.6	16.7	16.7	16.3
UNC Greensboro	1,361.5	17.0	1.9	18.9	21.0	24.0	16.7	16.9
Subtotal	***7,408.0***	***14.0***	***2.0***	***16.0***	***16.2***	***16.5***	***12.2***	***12.9***
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,752.0	20.7	2.5	23.2	22.6	22.4	19.5	21.9
Fayetteville	594.0	9.8	1.4	11.2	12.2	15.9	14.5	17.5
NC Central	534.5	7.5	1.1	8.6	10.1	10.9	12.8	13.1
UNC Pembroke	541.5	16.5	1.0	17.5	17.1	15.8	15.2	14.9
UNC Wilmington	1,532.5	14.2	2.8	17.0	14.9	18.1	18.6	18.5
Western Carolina	1,144.0	13.1	1.8	14.9	14.0	14.2	15.2	15.9
Winston-Salem	565.0	9.4	1.3	10.7	9.8	12.5	13.2	13.6
Subtotal	***7,663.5***	***13.9***	***1.9***	***15.8***	***15.2***	***16.5***	***16.3***	***17.1***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	433.5	5.9	0.3	6.2	8.2	8.9	8.5	9.3
UNC Asheville	363.0	12.4	2.7	15.1	13.5	13.4	14.1	13.9
Subtotal	***796.5***	***7.6***	***0.9***	***8.5***	***10.0***	***10.7***	***10.7***	***11.1***
Schools of Art, Music, and Design								
UNC School of the Arts	770.5	10.1	1.5	11.6	11.6	11.3	12.2	15.2
Subtotal	***770.5***	***10.1***	***1.5***	***11.6***	***11.6***	***11.3***	***12.2***	***15.2***
Community Colleges								
Alamance	919.0	13.3	3.4	16.7	16.6	16.3	17.4	19.2
Asheville-Buncombe	1,684.5	12.6	3.2	15.8	17.6	17.9	16.3	16.2
Beaufort Co.	341.0	7.9	2.5	10.4	10.5	13.8	14.7	16.2
Bladen	460.0	13.2	4.5	17.7	15.9	19.2	12.4	20.2
Blue Ridge	666.5	10.3	2.5	12.8	12.2	13.1	12.6	11.2
Brunswick	348.0	16.6	2.8	19.4	18.3	18.9	15.8	17.7
Caldwell	558.5	7.0	1.6	8.6	10.4	11.8	11.5	14.0
Cape Fear	2,685.5	19.2	4.6	23.8	20.9	24.3	23.8	22.0
Carteret	442.0	7.2	2.8	10.0	9.1	9.4	9.2	10.0
Catawba Valley	1,227.5	11.7	2.0	13.7	14.0	16.0	15.3	17.7
Central Carolina	917.0	7.3	1.2	8.5	8.8	10.3	10.2	11.2
Central Piedmont	2,483.5	11.0	3.6	14.6	13.9	12.9	12.8	13.5
Cleveland	781.0	7.8	3.2	11.0	12.4	14.1	14.0	14.4
Coastal Carolina	1,239.5	20.2	2.3	22.5	20.9	22.1	21.4	20.5
Coll. of Albemarle	495.5	6.5	1.3	7.8	7.3	9.6	12.4	9.8
Craven	626.0	11.2	3.7	14.9	13.0	12.3	12.2	12.5
Davidson County	631.5	9.0	1.7	10.7	10.2	14.7	13.0	13.3
Durham	903.5	8.3	3.4	11.7	9.0	12.7	14.1	13.5
Edgecombe	591.5	10.5	3.9	14.4	17.1	18.4	17.1	16.2
Fayetteville	2,113.5	10.9	2.5	13.4	15.0	13.6	13.9	13.3
Forsyth	1,850.5	13.1	3.0	16.1	17.0	17.8	20.1	19.2
Gaston	785.5	8.5	2.9	11.4	13.2	14.1	14.1	15.4
Guilford	1,775.5	8.2	1.8	10.0	11.1	10.0	11.7	10.4
Halifax	379.0	11.6	1.4	13.0	13.3	12.9	14.9	15.4
Haywood	799.0	10.6	2.1	12.7	12.7	12.5	11.4	12.9
Isothermal	479.0	7.9	2.1	10.0	12.2	13.8	15.4	17.9
James Sprunt	311.0	11.2	3.6	14.8	13.4	15.5	13.9	13.9
Johnston	499.5	9.0	1.4	10.4	11.9	10.6	12.8	13.0
Lenoir	779.0	9.9	2.3	12.2	10.8	11.9	11.4	11.2

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

Institution	Total Room Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
				2014	2013	2012	2011	2010
Martin	385.5	13.2	2.2	15.4	16.4	15.1	16.7	16.6
Mayland	144.5	6.1	1.9	8.0	10.7	12.7	10.2	12.9
McDowell	466.5	12.2	3.9	16.1	21.4	22.3	20.4	23.8
Mitchell	445.5	9.0	1.9	10.9	12.8	14.9	15.0	11.9
Montgomery	379.5	16.0	6.4	22.4	22.7	20.8	19.9	19.6
Nash	549.5	12.0	4.7	16.7	16.9	17.5	19.2	20.3
Pamlico	185.5	10.5	2.7	13.2	11.0	11.0	9.5	12.3
Piedmont	496.5	14.3	3.5	17.8	19.7	22.1	23.3	21.8
Pitt	1,497.5	13.1	2.5	15.6	16.4	17.2	20.0	17.7
Randolph	457.0	7.2	1.6	8.8	10.6	10.3	9.6	13.7
Richmond	614.5	11.8	3.6	15.4	16.9	17.3	15.8	16.4
Roanoke-Chowan	303.0	11.7	4.3	16.0	17.3	17.8	16.4	16.0
Robeson	851.5	15.9	3.0	18.9	19.3	16.9	17.9	19.9
Rockingham	497.5	7.6	3.2	10.8	10.5	11.9	11.7	11.9
Rowan-Cabarrus	1,355.5	14.1	5.6	19.7	17.4	18.7	20.5	24.2
Sampson	325.5	9.5	3.0	12.5	12.6	13.3	10.4	14.4
Sandhills	559.5	8.6	1.2	9.8	9.9	11.3	12.3	12.2
South Piedmont	547.5	12.6	2.2	14.8	15.0	14.5	15.1	16.4
Southeastern	356.5	10.5	0.6	11.1	13.0	12.0	13.0	12.3
Southwestern	682.0	11.8	1.9	13.7	13.4	15.1	15.4	16.1
Stanly	302.0	10.1	1.5	11.6	15.6	18.6	13.5	20.0
Surry	606.0	11.4	1.8	13.2	13.5	14.0	14.1	15.7
Tri-County	384.0	10.1	3.1	13.2	15.4	16.0	16.3	18.5
Vance-Granville	1,105.5	14.1	3.7	17.8	14.8	18.2	13.6	17.0
Wake	3,099.0	15.1	3.6	18.7	17.3	19.0	19.7	19.8
Wayne	806.5	11.9	2.5	14.4	15.9	17.2	16.2	15.8
Western Piedmont	662.0	10.7	2.6	13.3	14.5	16.6	16.3	15.6
Wilkes	701.5	12.6	2.4	15.0	16.3	15.1	14.9	13.1
Wilson	546.5	13.8	4.5	18.3	17.1	15.5	13.6	16.7
Subtotal	***47,086.5***	***11.2***	***2.8***	***14.0***	***14.2***	***15.0***	***15.1***	***15.7***
			Private Institutions					
NC Private Universities								
Barton	207.0	9.8	0.6	10.4	9.6	9.8	11.8	11.6
Campbell	452.5	10.7	2.3	13.0	13.1	13.4	12.5	10.1
Mars Hill	263.5	9.1	0.3	9.4	7.6	8.5	8.9	9.4
Pfeiffer	123.5	5.6	0.0	5.6	5.8	7.1	6.0	5.7
Subtotal	***1,046.5***	***9.0***	***1.0***	***10.0***	***9.4***	***10.0***	***10.0***	***9.1***
Grand Total	***69,362.5***	***11.6***	***2.4***	***14.0***	***14.1***	***14.9***	***14.4***	***14.9***

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

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

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

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

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

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

Average Weekly Room Use of Student Stations
In Classrooms

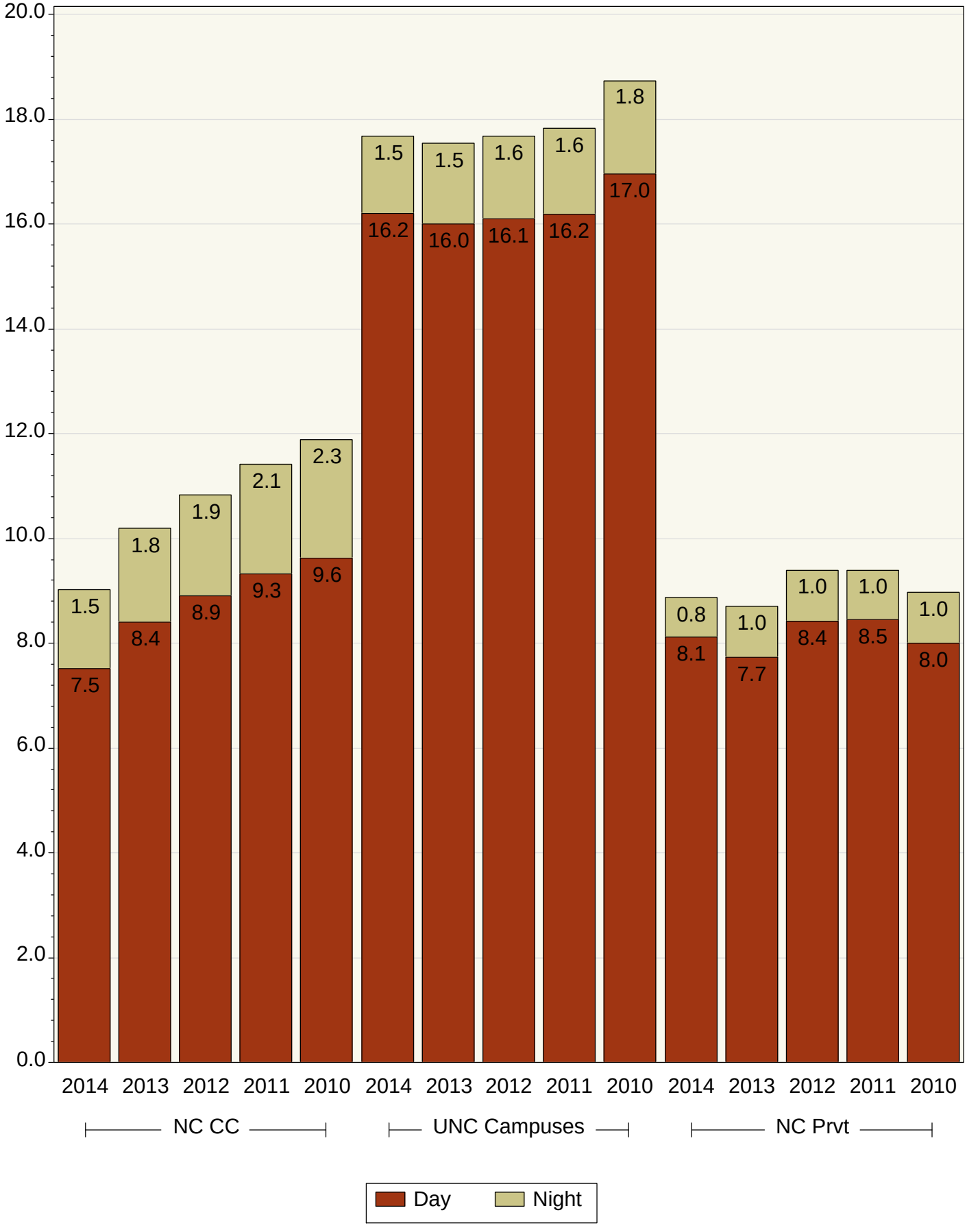


Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2014	2013	2012	2011	2010
Public Institutions									
Research Universities I									
NC State	14,773	293,932	18.8	1.1	19.9	20.2	20.7	20.6	20.1
UNC-Chapel Hill	14,311	267,018	17.7	1.0	18.7	18.0	17.7	16.8	17.1
Subtotal	***29,084***	***560,950***	***18.2***	***1.0***	***19.2***	***19.1***	***19.1***	***18.7***	***18.6***
Doctoral Universities I and II									
East Carolina	10,462	198,575	17.9	1.1	19.0	19.2	19.2	20.1	20.1
NC A&T	7,059	101,687	13.0	1.4	14.4	13.6	13.3	12.5	13.8
UNC Charlotte	12,892	276,115	18.1	3.4	21.5	21.6	20.5	20.0	23.0
UNC Greensboro	8,523	152,073	16.4	1.5	17.9	17.1	18.8	19.5	22.3
Subtotal	***38,936***	***728,450***	***16.7***	***2.0***	***18.7***	***18.4***	***18.5***	***18.4***	***20.2***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	8,283	183,693	20.8	1.4	22.2	21.9	22.0	22.2	22.4
Fayetteville	2,593	42,944	13.7	2.8	16.5	17.2	18.7	16.2	18.7
NC Central	6,135	61,782	8.9	1.2	10.1	10.9	11.2	11.6	12.5
UNC Pembroke	3,689	52,799	12.8	1.5	14.3	14.4	14.8	14.7	17.3
UNC Wilmington	7,902	145,554	16.7	1.7	18.4	17.8	17.3	19.5	20.0
Western Carolina	4,779	96,654	18.6	1.6	20.2	20.4	18.8	20.0	19.7
Winston-Salem	3,289	37,927	10.6	0.9	11.5	11.1	14.2	15.4	15.2
Subtotal	***36,670***	***621,351***	***15.4***	***1.5***	***16.9***	***16.8***	***17.1***	***17.7***	***18.3***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	3,161	12,564	3.8	0.2	4.0	5.1	7.1	8.4	10.1
UNC Asheville	1,988	34,047	16.1	1.0	17.1	17.4	16.1	18.3	18.9
Subtotal	***5,149***	***46,611***	***8.6***	***0.5***	***9.1***	***9.6***	***10.8***	***12.5***	***13.8***
Schools of Art, Music, and Design									
UNC School of the Arts	1,253	7,646	5.9	0.3	6.2	6.4	6.7	7.5	7.0
Subtotal	***1,253***	***7,646***	***5.9***	***0.3***	***6.2***	***6.4***	***6.7***	***7.5***	***7.0***
Community Colleges									
Alamance	3,122	30,491	8.0	1.8	9.8	11.1	12.2	12.4	13.9
Asheville-Buncombe	3,519	32,427	7.8	1.4	9.2	12.2	11.7	12.4	12.9
Beaufort Co.	2,363	11,040	4.0	0.7	4.7	6.5	5.6	7.5	7.2
Bladen	1,027	7,976	6.9	0.9	7.8	8.4	7.5	9.9	12.1
Blue Ridge	1,993	12,470	5.4	0.9	6.3	7.6	8.2	8.6	8.1
Brunswick	2,027	14,621	6.7	0.5	7.2	8.9	8.1	9.0	7.4
Caldwell	3,258	20,268	5.5	0.7	6.2	9.3	11.5	11.6	12.2
Cape Fear	4,401	61,132	11.4	2.5	13.9	14.9	17.8	17.3	17.7
Carteret	1,513	9,849	5.1	1.4	6.5	7.0	7.7	7.8	10.2
Catawba Valley	2,718	23,586	7.7	1.0	8.7	8.9	11.5	12.0	13.9
Central Carolina	5,102	39,810	6.3	1.5	7.8	6.6	7.0	9.5	8.2
Central Piedmont	12,267	141,368	9.0	2.5	11.5	13.5	13.3	12.5	12.9
Cleveland	2,101	11,476	4.5	1.0	5.5	6.8	7.4	9.4	10.8
Coastal Carolina	2,908	30,633	9.1	1.4	10.5	11.7	14.0	13.2	12.0
Coll. of Albemarle	1,781	10,608	4.7	1.3	6.0	5.7	8.0	9.9	10.2
Craven	1,821	19,371	8.3	2.3	10.6	13.7	13.6	13.7	12.2
Davidson County	2,784	24,322	8.1	0.6	8.7	10.0	10.2	10.3	10.3
Durham	3,992	37,740	7.5	2.0	9.5	8.7	12.1	11.1	12.5
Edgecombe	1,771	15,446	7.4	1.3	8.7	8.1	11.6	12.2	13.6
Fayetteville	9,058	63,027	5.9	1.0	6.9	8.2	7.2	7.9	7.8
Forsyth	6,081	55,664	7.5	1.7	9.2	10.7	12.8	16.4	15.2
Gaston	4,517	30,458	5.6	1.1	6.7	8.6	8.8	10.0	11.5
Guilford	8,586	108,758	10.2	2.4	12.6	14.8	15.3	15.2	18.1
Halifax	1,279	9,178	6.3	0.9	7.2	8.5	8.9	9.5	10.7
Haywood	1,349	9,241	6.3	0.5	6.8	6.7	7.2	6.6	8.5
Isothermal	2,073	6,962	2.9	0.5	3.4	4.5	6.0	6.6	8.0
James Sprunt	1,136	6,812	5.0	1.0	6.0	7.9	9.1	8.4	9.5
Johnston	3,504	26,524	6.7	0.8	7.5	9.6	10.8	10.8	10.8

Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2014	2013	2012	2011	2010
Lenoir	2,837	21,809	6.8	0.9	7.7	7.8	8.3	8.8	9.5
Martin	782	3,681	4.1	0.6	4.7	6.5	8.4	9.8	7.4
Mayland	1,185	7,180	4.9	1.2	6.1	7.1	8.3	8.6	8.3
McDowell	1,225	5,055	3.1	1.1	4.2	5.5	7.7	6.6	4.7
Mitchell	3,053	25,135	6.9	1.3	8.2	9.0	10.4	10.6	12.0
Montgomery	806	5,534	5.5	1.4	6.9	6.6	6.9	7.5	7.3
Nash	2,172	21,139	8.2	1.6	9.8	10.1	11.1	12.9	10.8
Pamlico	483	2,081	3.0	1.3	4.3	4.4	4.9	4.1	6.1
Piedmont	1,297	8,979	5.8	1.1	6.9	6.7	7.4	9.5	11.6
Pitt	3,158	51,919	13.8	2.6	16.4	18.7	19.3	24.0	23.9
Randolph	2,645	19,589	6.0	1.4	7.4	7.8	9.4	10.5	11.9
Richmond	1,714	14,260	7.1	1.3	8.4	10.4	10.6	10.1	9.8
Roanoke-Chowan	728	6,037	5.8	2.5	8.3	7.5	10.2	6.1	7.9
Robeson	1,304	15,256	10.0	1.7	11.7	14.1	14.3	14.8	16.8
Rockingham	1,574	14,563	7.7	1.6	9.3	10.3	11.5	11.8	13.3
Rowan-Cabarrus	3,222	41,586	10.1	2.8	12.9	14.3	13.4	15.2	14.9
Sampson	1,382	13,312	6.9	2.8	9.7	9.9	10.5	11.3	11.8
Sandhills	3,928	30,881	6.9	1.0	7.9	9.2	10.6	12.0	10.7
South Piedmont	1,406	13,081	7.7	1.6	9.3	8.6	8.7	8.1	14.2
Southeastern	2,163	8,119	3.4	0.3	3.7	4.2	5.6	6.0	5.6
Southwestern	1,358	14,963	10.6	0.5	11.1	9.5	11.9	10.9	12.6
Stanly	1,901	7,006	3.3	0.4	3.7	6.9	7.7	8.5	7.4
Surry	3,131	29,856	8.2	1.3	9.5	10.3	10.4	9.4	11.3
Tri-County	1,270	7,388	5.0	0.8	5.8	6.8	5.6	6.2	6.5
Vance-Granville	2,104	19,502	7.8	1.5	9.3	10.1	10.4	10.2	9.3
Wake	8,490	121,157	11.9	2.4	14.3	14.7	13.6	17.2	15.8
Wayne	1,796	19,440	10.1	0.8	10.9	10.9	10.8	10.5	10.4
Western Piedmont	2,130	11,730	4.7	0.8	5.5	8.4	11.0	13.4	14.5
Wilkes	3,110	22,761	6.4	1.0	7.4	8.4	8.3	8.1	9.7
Wilson	1,839	8,773	3.9	0.8	4.7	6.4	6.5	5.6	7.0
Subtotal	***162,244***	***1,463,013***	***7.5***	***1.5***	***9.0***	***10.2***	***10.8***	***11.4***	***11.9***
				Private Institutions					
NC Private Universities									
Barton	1,678	11,008	5.9	0.7	6.6	6.9	6.9	6.9	6.8
Campbell	5,157	54,470	9.8	0.7	10.5	9.8	11.3	11.5	11.4
Mars Hill	1,852	15,829	8.0	0.5	8.5	9.1	9.3	8.2	7.4
Pfeiffer	1,603	9,969	5.1	1.1	6.2	6.4	6.5	7.2	6.5
Subtotal	***10,290***	***91,276***	***8.1***	***0.8***	***8.9***	***8.7***	***9.4***	***9.4***	***9.0***
Grand Total	***283,626***	***3,519,296***	***10.9***	***1.5***	***12.4***	***13.1***	***13.6***	***14.0***	***14.5***

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

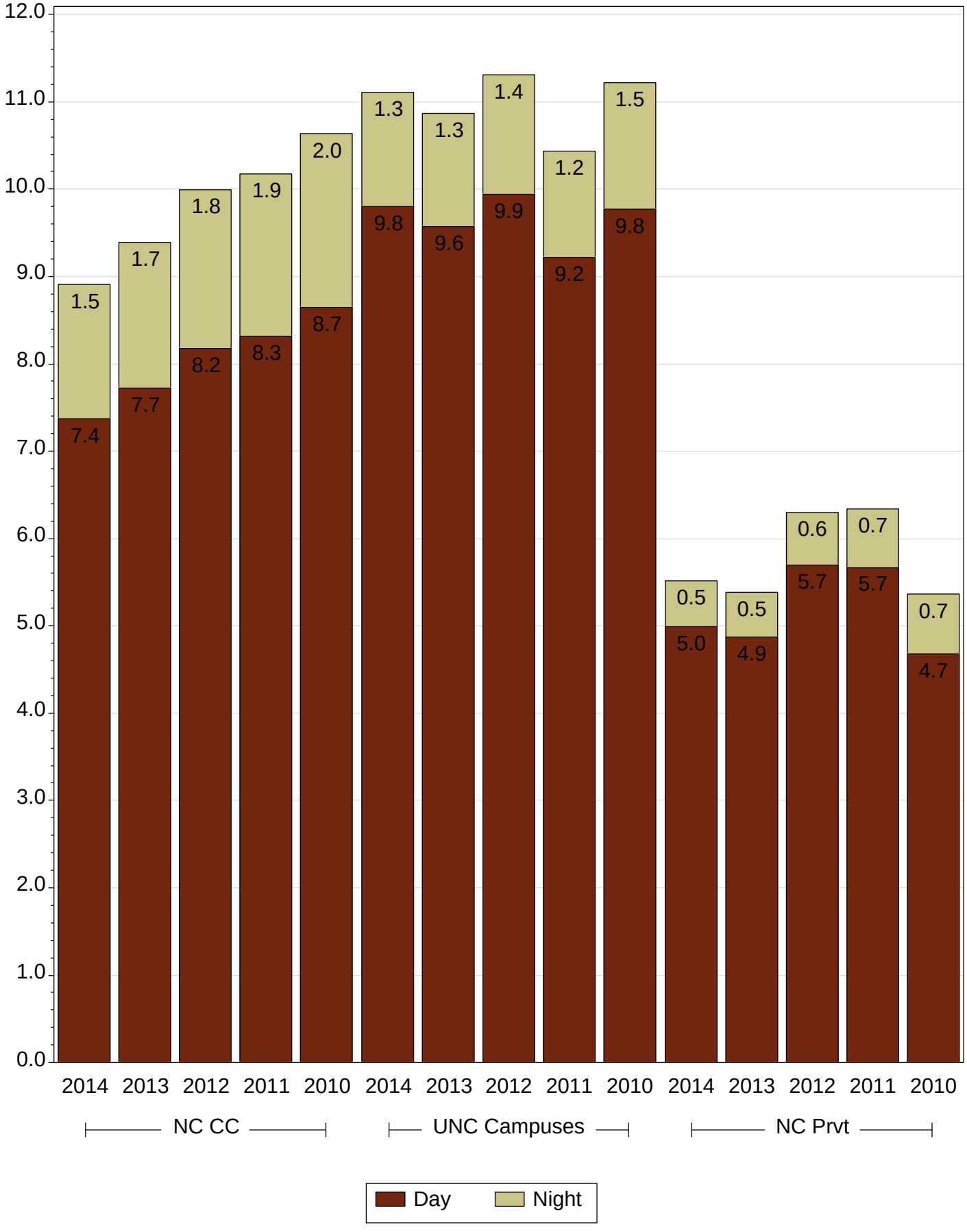


Table 6. Average Weekly Use of Student Stations in Class Laboratories

Institution	No. of Stations	Total Student Clock Hours	Average Daytime Hours	Average Nighttime Hours	All Hours				
					2014	2013	2012	2011	2010
Public Institutions									
Research Universities I									
NC State	6,782	76,414	10.4	0.9	11.3	11.0	10.9	11.3	12.4
UNC-Chapel Hill	2,949	24,012	6.6	1.5	8.1	8.6	11.2	8.1	8.6
Subtotal	***9,731***	***100,426***	***9.2***	***1.1***	***10.3***	***10.4***	***11.0***	***10.5***	***11.2***
Doctoral Universities I and II									
East Carolina	4,113	42,788	9.0	1.4	10.4	10.9	9.8	10.2	11.0
NC A&T	2,119	24,133	10.4	1.0	11.4	11.1	10.3	4.9	5.5
UNC Charlotte	4,031	50,442	10.4	2.1	12.5	12.0	11.3	11.5	12.9
UNC Greensboro	2,186	28,451	11.9	1.1	13.0	12.6	16.4	12.3	12.0
Subtotal	***12,449***	***145,813***	***10.2***	***1.5***	***11.7***	***11.5***	***11.5***	***9.4***	***10.2***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,630	49,888	16.9	2.1	19.0	18.4	18.2	16.6	18.2
Fayetteville	1,439	12,219	7.3	1.2	8.5	9.2	11.0	9.6	10.0
NC Central	1,292	10,530	7.3	0.8	8.1	9.3	11.5	11.9	12.0
UNC Pembroke	689	8,917	12.4	0.5	12.9	12.2	12.2	11.0	12.5
UNC Wilmington	2,193	28,309	11.2	1.8	13.0	10.7	13.3	14.6	15.2
Western Carolina	2,003	24,080	10.5	1.5	12.0	11.4	11.3	12.1	12.0
Winston-Salem	1,209	9,287	7.0	0.7	7.7	6.2	7.4	8.0	9.3
Subtotal	***11,455***	***143,229***	***11.1***	***1.4***	***12.5***	***11.7***	***12.8***	***12.7***	***13.4***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	1,550	6,404	4.0	0.1	4.1	6.1	6.5	6.3	7.1
UNC Asheville	551	5,643	8.4	1.8	10.2	8.9	9.5	10.4	10.3
Subtotal	***2,101***	***12,046***	***5.2***	***0.6***	***5.8***	***7.1***	***7.7***	***7.8***	***8.3***
Schools of Art, Music, and Design									
UNC School of the Arts	1,562	12,817	7.0	1.2	8.2	7.7	6.9	7.7	10.3
Subtotal	***1,562***	***12,817***	***7.0***	***1.2***	***8.2***	***7.7***	***6.9***	***7.7***	***10.3***
Community Colleges									
Alamance	1,331	13,412	8.2	1.8	10.0	10.3	9.6	10.9	13.6
Asheville-Buncombe	2,929	26,818	7.5	1.7	9.2	10.8	11.4	10.2	9.3
Beaufort Co.	1,308	5,021	3.1	0.8	3.9	4.1	5.2	5.9	6.3
Bladen	617	6,335	7.6	2.7	10.3	8.2	11.3	8.4	14.3
Blue Ridge	1,175	7,049	4.7	1.3	6.0	5.5	6.3	6.3	5.6
Brunswick	406	5,378	12.2	1.1	13.3	13.5	11.9	10.7	10.7
Caldwell	1,424	7,895	4.7	0.8	5.5	7.6	9.8	8.9	11.0
Cape Fear	2,909	44,853	12.9	2.5	15.4	15.2	17.1	17.2	15.9
Carteret	1,012	6,559	5.2	1.3	6.5	6.2	8.0	7.0	7.0
Catawba Valley	1,867	16,593	7.6	1.3	8.9	9.6	10.8	10.6	13.2
Central Carolina	2,488	14,620	5.2	0.6	5.8	6.0	6.7	6.2	7.2
Central Piedmont	4,215	41,372	7.6	2.2	9.8	9.4	8.6	8.9	9.0
Cleveland	1,585	10,249	5.0	1.5	6.5	8.2	8.9	9.5	10.8
Coastal Carolina	1,418	21,156	13.9	1.0	14.9	13.9	13.3	13.5	10.9
Coll. of Albemarle	1,235	6,253	4.3	0.8	5.1	5.1	6.9	8.5	7.4
Craven	1,009	7,764	6.0	1.7	7.7	7.9	7.9	7.9	9.1
Davidson County	1,585	10,612	5.8	0.9	6.7	6.6	8.4	8.5	9.3
Durham	1,807	14,561	5.7	2.3	8.0	6.5	8.3	9.3	9.3
Edgecombe	859	7,001	6.4	1.7	8.1	12.0	14.9	13.7	14.7
Fayetteville	4,021	34,139	7.0	1.5	8.5	9.8	9.3	8.4	8.2
Forsyth	2,514	27,530	9.0	1.9	10.9	12.0	12.5	15.0	13.6
Gaston	1,880	12,830	5.5	1.3	6.8	7.8	8.9	8.9	9.3
Guilford	3,854	38,886	8.7	1.4	10.1	9.3	8.1	9.8	9.2
Halifax	598	4,259	6.5	0.7	7.2	8.3	12.5	9.7	11.2
Haywood	1,234	9,401	6.6	1.0	7.6	7.8	9.5	9.1	10.1
Isothermal	1,044	7,697	6.3	1.1	7.4	9.0	10.9	11.8	14.4
James Sprunt	479	3,381	5.6	1.5	7.1	7.7	9.0	8.4	7.9
Johnston	1,218	7,219	5.2	0.7	5.9	7.1	7.1	8.6	8.9

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				
					2014	2013	2012	2011	2010
Lenoir	1,596	9,965	5.4	0.9	6.3	6.2	6.8	7.4	8.1
Martin	578	4,702	7.0	1.1	8.1	10.3	9.1	9.8	8.7
Mayland	416	2,327	4.2	1.4	5.6	7.2	6.6	6.9	9.6
McDowell	783	5,486	6.0	1.0	7.0	10.1	11.0	11.4	11.8
Mitchell	978	7,096	6.1	1.2	7.3	8.2	10.2	10.0	8.9
Montgomery	318	3,175	7.0	3.0	10.0	11.1	10.5	10.1	11.2
Nash	746	7,447	7.6	2.4	10.0	11.1	9.0	11.1	11.1
Pamlico	257	859	2.4	0.9	3.3	3.8	3.8	5.1	5.7
Piedmont	772	6,001	6.2	1.6	7.8	8.8	10.5	12.0	14.3
Pitt	1,668	21,709	10.8	2.2	13.0	14.4	15.3	17.4	16.1
Randolph	1,234	7,268	4.9	1.0	5.9	6.1	6.9	5.5	7.4
Richmond	897	8,553	7.5	2.0	9.5	11.3	10.8	11.6	12.1
Roanoke-Chowan	468	3,970	6.3	2.2	8.5	8.5	10.2	9.6	7.8
Robeson	1,045	14,031	11.5	1.9	13.4	14.9	14.5	13.9	12.8
Rockingham	1,052	6,764	4.7	1.7	6.4	6.1	6.9	7.1	6.9
Rowan-Cabarrus	1,547	18,948	9.0	3.2	12.2	11.7	12.7	13.3	18.0
Sampson	585	5,750	8.3	1.5	9.8	11.8	11.9	8.2	11.6
Sandhills	1,246	8,944	6.4	0.8	7.2	6.4	7.3	8.5	8.7
South Piedmont	880	7,547	7.3	1.2	8.5	9.4	8.5	9.0	11.8
Southeastern	868	4,152	4.4	0.4	4.8	5.0	5.3	6.7	7.2
Southwestern	790	8,203	9.2	1.2	10.4	11.0	11.4	11.5	12.2
Stanly	1,000	3,583	3.1	0.5	3.6	4.5	6.0	4.8	8.0
Surry	1,107	9,658	7.7	1.0	8.7	9.8	8.6	8.7	10.8
Tri-County	576	4,882	5.6	2.9	8.5	12.3	8.0	9.6	10.0
Vance-Granville	1,674	13,905	7.1	1.2	8.3	8.6	11.0	9.3	10.4
Wake	3,726	56,693	12.5	2.7	15.2	14.5	16.6	16.7	16.3
Wayne	1,491	13,444	7.8	1.2	9.0	10.6	11.6	11.8	11.6
Western Piedmont	1,096	8,965	6.7	1.5	8.2	8.8	9.2	10.9	10.4
Wilkes	1,341	8,317	5.6	0.6	6.2	7.2	6.3	6.7	6.7
Wilson	706	6,270	7.0	1.9	8.9	8.9	8.7	7.9	10.0
Subtotal	***79,462***	***707,444***	***7.4***	***1.5***	***8.9***	***9.4***	***10.0***	***10.1***	***10.7***
				Private Institutions					
NC Private Universities									
Barton	475	3,390	7.0	0.2	7.2	7.6	7.3	7.4	6.6
Campbell	1,323	7,005	4.3	1.0	5.3	5.3	7.5	7.5	5.5
Mars Hill	742	3,791	5.0	0.1	5.1	4.3	4.6	5.2	5.0
Pfeiffer	426	2,136	5.0	0.0	5.0	5.0	5.3	4.3	4.3
Subtotal	***2,966***	***16,321***	***5.0***	***0.5***	***5.5***	***5.4***	***6.3***	***6.4***	***5.4***
Grand Total	***119,726***	***1,138,094***	***8.1***	***1.4***	***9.5***	***9.7***	***10.3***	***10.2***	***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).

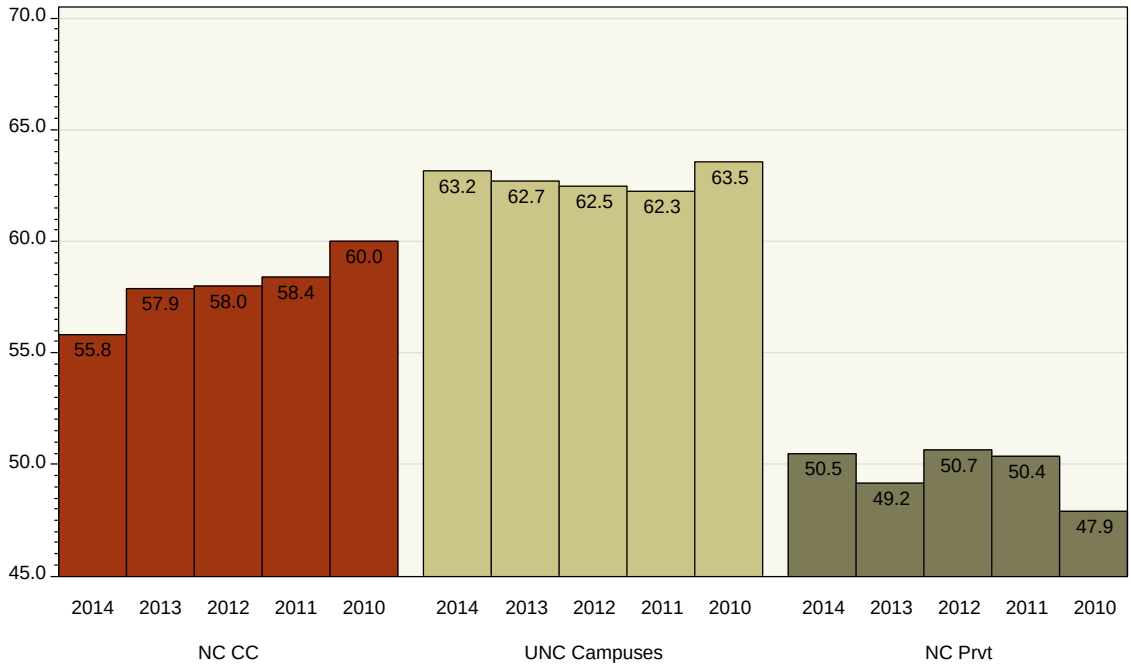
The University of North Carolina standards are 65% for classrooms and 75% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized configuration and/or equipment, are usually closer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

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

Percent of Student Station Utilization
Classrooms and Class Laboratories

In Classrooms



In Laboratories

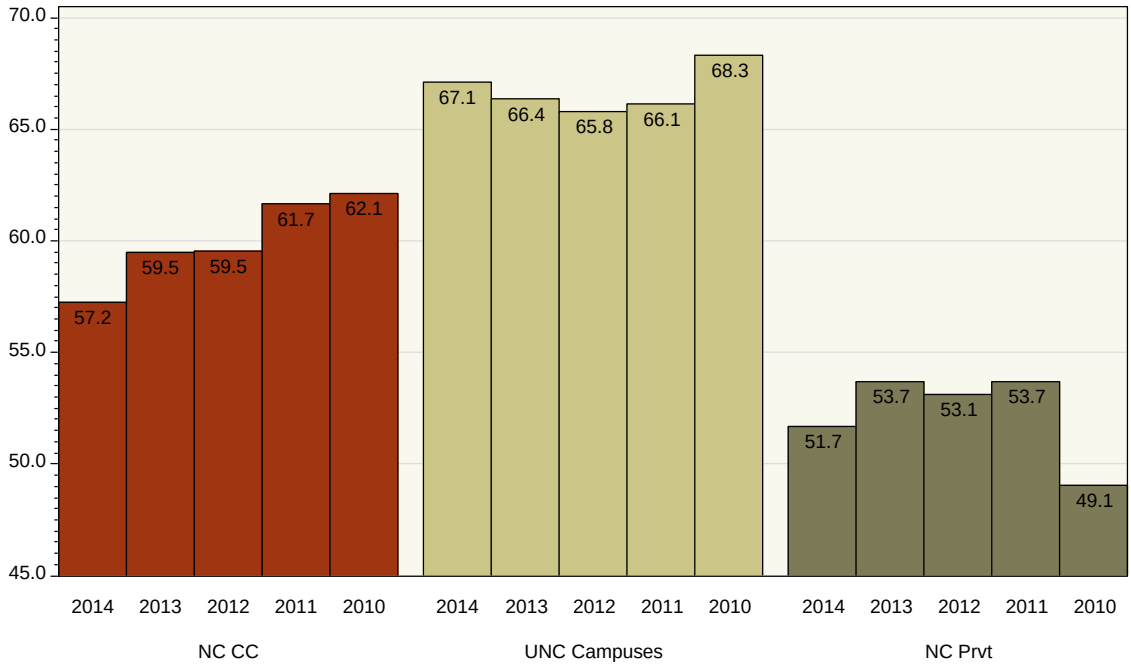


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2014	2013	2012	2011	2010	2014	2013	2012	2011	2010
Public Institutions										
Research Universities I										
NC State	65.2	64.5	66.3	66.9	65.7	77.7	76.6	75.4	78.9	84.0
UNC-Chapel Hill	64.9	66.0	66.4	65.0	66.7	57.7	65.3	71.7	73.4	75.2
Subtotal	***65.1***	***65.2***	***66.4***	***66.0***	***66.2***	***71.7***	***73.9***	***74.3***	***77.6***	***81.8***
Doctoral Universities I and II										
East Carolina	64.3	63.8	63.8	64.2	64.1	56.6	56.7	54.3	55.1	56.1
NC A&T	56.0	54.7	53.4	57.5	57.4	72.8	69.2	70.8	75.8	72.6
UNC Charlotte	65.9	67.9	65.0	61.2	70.0	67.0	67.6	63.4	59.9	70.5
UNC Greensboro	64.3	58.2	61.1	58.2	61.1	68.4	60.6	62.3	63.0	61.8
Subtotal	***63.6***	***62.5***	***62.0***	***60.7***	***64.2***	***64.6***	***62.9***	***61.4***	***60.8***	***64.2***
Master's (Comprehensive) Universities and Colleges I										
Appalachian	69.5	68.9	68.8	70.5	68.3	76.5	75.6	75.2	78.0	77.0
Fayetteville	55.6	54.5	54.5	54.8	52.4	63.7	61.2	59.9	55.6	50.0
NC Central	51.9	51.2	50.5	51.3	52.7	66.7	74.0	79.2	69.1	67.8
UNC Pembroke	59.2	59.9	62.0	58.1	59.6	65.4	65.0	66.1	61.7	65.1
UNC Wilmington	63.3	63.6	60.4	65.3	66.1	69.6	66.0	68.3	72.9	75.9
Western Carolina	68.0	70.6	70.7	69.2	66.4	63.9	64.7	61.8	62.8	60.7
Winston-Salem	48.3	45.0	48.2	48.5	50.2	53.3	49.9	47.5	50.8	64.2
Subtotal	***62.1***	***61.6***	***60.9***	***61.8***	***61.4***	***68.3***	***67.4***	***67.0***	***67.4***	***68.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	41.8	44.1	48.2	46.6	51.6	48.3	54.0	56.9	50.4	51.6
UNC Asheville	59.8	61.0	59.3	60.7	60.7	60.0	61.3	65.3	68.1	65.1
Subtotal	***53.6***	***54.1***	***54.3***	***54.3***	***56.5***	***53.2***	***57.0***	***60.7***	***57.8***	***57.0***
Schools of Art, Music, and Design										
UNC School of the Arts	53.4	52.2	50.3	58.1	60.9	65.4	61.9	56.1	55.9	60.8
Subtotal	***53.4***	***52.2***	***50.3***	***58.1***	***60.9***	***65.4***	***61.9***	***56.1***	***55.9***	***60.8***
Community Colleges										
Alamance	51.4	50.5	57.1	54.0	58.9	53.8	55.3	52.0	55.1	62.9
Asheville-Buncombe	65.5	66.5	75.4	68.9	63.9	49.9	54.3	55.9	59.4	51.8
Beaufort Co.	35.6	40.1	42.1	45.9	42.0	35.2	38.2	38.8	42.2	39.9
Bladen	56.9	46.3	39.9	49.5	58.7	54.8	47.3	53.4	59.6	69.2
Blue Ridge	42.3	46.2	49.4	52.6	51.5	43.5	40.5	43.9	48.7	50.1
Brunswick	50.2	42.2	47.0	50.5	44.0	67.6	70.4	60.0	62.9	53.1
Caldwell	57.0	62.0	62.4	63.5	63.7	53.6	59.0	67.9	63.7	63.8
Cape Fear	58.8	60.0	63.6	63.9	62.7	62.8	67.8	67.9	69.4	67.9
Carteret	48.6	46.5	49.9	51.3	62.0	53.6	56.0	69.7	64.4	65.0
Catawba Valley	61.9	52.3	60.9	56.8	61.3	61.1	66.7	65.7	65.5	71.0
Central Carolina	57.8	53.2	54.3	61.7	58.9	62.3	61.4	61.6	59.2	60.8
Central Piedmont	69.1	70.7	65.8	67.5	67.8	62.3	63.6	62.5	63.8	61.5
Cleveland	38.7	44.4	45.6	45.4	47.0	45.2	51.3	50.3	55.9	62.7
Coastal Carolina	55.1	55.7	56.7	58.1	53.4	64.1	63.9	59.0	61.4	52.6
Coll. of Albemarle	59.2	54.2	55.9	55.7	61.0	56.2	60.2	63.0	62.8	70.9
Craven	65.8	79.4	79.8	75.4	64.5	51.5	58.8	60.8	62.5	68.7
Davidson County	54.6	61.0	57.9	62.6	61.9	53.9	56.3	49.6	59.8	67.8
Durham	54.7	67.8	61.7	56.3	59.0	56.3	60.5	59.5	59.8	63.9
Edgecombe	48.9	53.1	58.1	56.2	66.7	46.1	57.5	67.6	66.9	74.7
Fayetteville	42.1	45.2	42.0	40.6	40.3	61.1	61.6	62.8	56.6	58.5
Forsyth	57.3	57.4	56.4	64.2	59.3	63.7	66.0	66.4	68.9	65.7
Gaston	59.9	66.2	60.7	61.1	59.5	57.2	56.2	58.0	59.5	53.7
Guilford	73.9	71.4	71.7	67.8	75.7	76.9	66.3	56.9	65.6	73.7
Halifax	44.0	46.9	52.0	54.6	61.9	44.7	50.4	78.6	54.5	60.4
Haywood	53.1	52.1	49.6	51.6	47.4	49.7	50.4	55.4	55.9	54.4
Isothermal	39.5	43.2	48.3	50.3	56.2	60.0	65.7	69.0	67.3	73.1
James Sprunt	36.8	46.4	52.2	54.5	56.1	43.6	53.4	50.2	57.6	50.6
Johnston	52.8	59.7	63.9	61.7	69.3	53.1	56.9	62.6	63.5	64.1
Lenoir	52.3	55.7	60.4	59.5	65.0	46.1	52.4	50.8	60.0	65.7
Martin	43.3	52.8	46.6	48.3	48.2	44.6	54.1	50.7	52.3	43.2

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

Institution	Classrooms					Laboratories				
	2014	**2013**	**2012**	**2011**	**2010**	**2014**	**2013**	**2012**	**2011**	**2010**
Mayland	49.7	59.0	56.7	56.3	53.4	56.9	56.1	49.3	68.7	75.7
McDowell	32.8	38.8	44.4	42.2	54.1	39.4	43.9	44.1	48.3	44.1
Mitchell	56.9	56.7	58.2	62.9	61.3	61.0	60.8	68.1	64.9	72.4
Montgomery	43.1	38.0	38.3	39.7	39.4	48.4	52.2	52.3	51.8	58.0
Nash	49.1	52.1	49.5	52.0	48.5	57.9	60.6	47.6	53.9	51.3
Pamlico	34.3	36.2	42.8	36.7	43.9	26.6	30.9	30.2	45.9	40.9
Piedmont	43.8	38.5	37.9	47.0	49.9	40.9	40.1	44.1	46.5	60.7
Pitt	59.4	65.7	65.6	69.7	69.8	69.3	71.5	73.5	70.4	71.7
Randolph	55.6	59.5	58.0	57.7	56.5	61.8	51.6	56.3	51.7	50.4
Richmond	41.8	45.6	46.7	56.7	56.6	55.6	59.5	57.4	65.9	67.2
Roanoke-Chowan	64.8	46.9	59.3	47.9	51.6	51.5	47.2	55.2	55.3	46.5
Robeson	60.2	66.7	73.9	69.3	71.3	70.3	73.9	84.1	79.7	69.6
Rockingham	53.4	58.9	49.9	57.2	60.2	48.9	47.5	48.4	51.5	52.5
Rowan-Cabarrus	54.5	59.6	59.4	59.1	67.0	58.5	63.9	62.8	65.5	73.0
Sampson	58.5	59.2	57.5	65.6	66.3	76.8	88.0	81.3	73.8	73.9
Sandhills	53.3	55.9	58.4	57.4	58.8	63.3	55.1	54.9	61.3	64.4
South Piedmont	59.2	63.4	54.5	52.5	71.7	51.1	56.5	56.5	55.9	67.4
Southeastern	36.9	38.5	36.8	35.3	50.0	39.4	36.5	40.2	47.9	51.6
Southwestern	56.4	52.0	59.5	56.4	60.8	64.1	67.0	65.6	65.4	68.0
Stanly	39.6	45.5	42.2	49.7	50.2	25.6	29.9	31.7	36.2	36.9
Surry	67.0	65.7	59.8	58.0	61.3	67.6	71.9	61.5	62.9	66.9
Tri-County	46.9	45.9	44.0	46.8	45.5	55.5	73.1	43.7	54.7	48.6
Vance-Granville	48.5	49.8	55.5	55.1	56.3	45.4	55.1	58.6	64.9	56.5
Wake	64.5	67.1	66.8	68.4	65.4	71.7	73.7	77.3	75.8	72.2
Wayne	53.3	59.8	58.8	54.4	61.8	52.1	57.8	61.0	68.9	69.8
Western Piedmont	43.9	53.8	59.4	55.4	58.1	55.8	59.4	50.7	63.2	64.0
Wilkes	45.5	49.5	46.6	43.8	48.0	38.8	41.7	40.0	41.7	46.8
Wilson	48.4	53.9	53.0	46.7	51.5	45.9	52.4	54.0	55.9	56.3
Subtotal	***55.8***	***57.9***	***58.0***	***58.4***	***60.0***	***57.2***	***59.5***	***59.5***	***61.7***	***62.1***
				Private Institutions						
NC Private Universities										
Barton	38.4	37.4	38.4	39.5	36.9	56.8	63.0	65.1	56.3	47.3
Campbell	53.5	51.8	53.9	53.1	52.5	48.9	48.5	52.5	56.1	49.2
Mars Hill	54.1	54.2	53.7	52.8	52.3	44.0	47.5	39.6	44.5	42.5
Pfeiffer	47.2	46.9	49.3	49.6	40.8	79.5	77.0	69.1	62.4	70.2
Subtotal	***50.5***	***49.2***	***50.6***	***50.3***	***47.9***	***51.7***	***53.7***	***53.1***	***53.7***	***49.1***
Grand Total	***59.5***	***60.1***	***60.1***	***60.1***	***61.4***	***60.4***	***61.6***	***61.4***	***63.0***	***63.9***

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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	2014			2013			2012		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Public Institutions									
Research Universities I									
NC State	293,932.0	76,414.0	20,727.0	298,001.0	71,738.5	23,346.5	300,258.5	68,220.5	21,653.0
UNC-Chapel Hill	267,018.0	24,012.0	10,151.5	277,060.0	19,915.0	9,286.5	278,061.0	27,289.5	9,575.5
Subtotal	***560,950.0***	***100,426.0***	***30,878.5***	***575,061.0***	***91,653.5***	***32,633.0***	***578,319.5***	***95,510.0***	***31,228.5***
Doctoral Universities I and II									
East Carolina	198,574.5	42,787.5	14,127.0	200,656.0	41,075.5	12,238.0	200,775.0	37,340.0	12,380.5
NC A&T	101,687.0	24,132.5	12,945.5	98,940.0	23,570.0	10,388.0	94,929.5	21,416.0	11,884.0
UNC Charlotte	276,115.0	50,442.0	7,501.0	268,101.5	47,785.5	7,287.0	259,785.5	47,391.0	7,865.5
UNC Greensboro	152,073.0	28,450.5	12,740.5	148,339.0	26,368.5	7,693.0	166,157.0	32,512.0	12,803.5
Subtotal	***728,449.5***	***145,812.5***	***47,314.0***	***716,036.5***	***138,799.5***	***37,606.0***	***721,647.0***	***138,659.0***	***44,933.5***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	183,692.5	49,888.0	28,329.5	183,005.0	47,936.0	27,608.0	180,639.0	47,445.5	26,712.5
Fayetteville	42,943.5	12,218.5	5,105.0	44,768.5	12,839.0	5,469.0	46,136.0	12,781.5	5,203.5
NC Central	61,781.5	10,530.0	9,840.5	66,635.5	12,022.5	12,330.0	68,374.5	14,862.5	13,086.0
UNC Pembroke	52,799.0	8,917.0	1,721.0	52,607.5	8,452.5	1,847.0	54,101.0	8,654.0	2,074.5
UNC Wilmington	145,554.0	28,308.5	5,499.0	140,328.5	21,916.0	5,688.0	136,402.5	27,740.0	6,491.5
Western Carolina	96,653.5	24,080.0	9,851.5	92,837.5	22,281.0	13,576.5	86,859.0	20,604.5	13,529.0
Winston-Salem	37,927.0	9,286.5	6,460.0	39,494.5	9,580.5	6,579.5	50,775.5	11,313.5	6,777.5
Subtotal	***621,351.0***	***143,228.5***	***66,806.5***	***619,677.0***	***135,027.5***	***73,098.0***	***623,287.5***	***143,401.5***	***73,874.5***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	12,564.0	6,403.5	927.0	16,872.5	9,091.5	1,735.5	23,769.0	9,652.0	2,441.0
UNC Asheville	34,046.5	5,642.5	16,574.0	34,003.0	7,070.0	13,986.5	35,920.0	9,406.0	9,769.0
Subtotal	***46,610.5***	***12,046.0***	***17,501.0***	***50,875.5***	***16,161.5***	***15,722.0***	***59,689.0***	***19,058.0***	***12,210.0***
Schools of Art, Music, and Design									
UNC School of the Arts	7,646.0	12,817.0	10,446.5	7,909.0	12,464.0	9,776.5	8,359.0	11,135.5	8,934.0
Subtotal	***7,646.0***	***12,817.0***	***10,446.5***	***7,909.0***	***12,464.0***	***9,776.5***	***8,359.0***	***11,135.5***	***8,934.0***
Community Colleges									
Alamance	30,491.0	13,411.5	21.0	34,744.5	13,762.5	79.0	37,727.5	12,775.5	176.0
Asheville-Buncombe	32,427.0	26,817.5	1,854.0	42,250.0	31,094.0	5,344.0	39,705.0	33,087.0	1,734.0
Beaufort Co.	11,039.5	5,020.5	1,126.0	15,875.5	5,214.0	1,068.0	13,733.5	7,118.0	485.5
Bladen	7,975.5	6,335.0	250.0	9,585.5	4,327.5	2,989.0	8,201.0	5,934.0	2,661.5
Blue Ridge	12,469.5	7,048.5	3,342.5	15,221.5	6,469.0	3,785.5	16,200.5	7,401.5	5,599.5
Brunswick	14,620.5	5,378.0	4,002.0	17,306.5	5,466.0	4,834.5	15,030.5	4,819.0	4,333.5
Caldwell	20,268.0	7,895.0	1,585.0	28,263.5	9,754.5	2,349.5	35,050.5	12,496.5	2,943.5
Cape Fear	61,131.5	44,852.5	4,619.0	61,750.0	44,932.0	6,911.0	68,780.0	44,805.5	7,656.0
Carteret	9,849.0	6,558.5	745.5	10,668.5	6,288.5	1,285.5	11,856.0	8,044.0	1,135.0
Catawba Valley	23,586.0	16,593.0	3,386.0	23,536.0	18,191.5	5,599.5	28,261.0	19,852.5	5,950.0
Central Carolina	39,809.5	14,619.5	2,177.5	33,603.0	15,088.0	2,099.0	34,313.0	15,369.0	3,025.0
Central Piedmont	141,367.5	41,372.0	5,418.0	155,864.5	35,675.5	7,435.5	149,254.5	29,751.0	9,868.0
Cleveland	11,475.5	10,249.0	828.0	13,973.5	12,696.5	2,323.0	15,261.0	13,779.5	1,938.0
Coastal Carolina	30,633.0	21,155.5	2,994.5	32,581.0	20,748.5	3,074.0	38,690.0	19,743.0	2,106.0
Coll. of Albemarle	10,607.5	6,253.0	2,073.0	10,535.5	6,536.0	3,162.5	13,802.0	7,819.0	3,081.0
Craven	19,370.5	7,764.0	2,332.0	23,901.0	8,064.5	1,679.0	24,021.5	8,137.0	1,251.0
Davidson County	24,321.5	10,612.0	2,412.5	27,842.0	10,418.0	2,944.5	28,375.0	13,162.5	5,557.0
Durham	37,740.0	14,561.0	766.0	34,878.0	11,806.5	729.0	49,289.5	14,631.5	751.0
Edgecombe	15,445.5	7,001.0	2,144.5	14,022.5	10,222.0	1,556.5	20,056.0	12,729.0	5,561.5
Fayetteville	63,026.5	34,138.5	3,707.0	76,550.0	38,098.0	4,732.0	66,626.0	35,451.5	2,981.0
Forsyth	55,663.5	27,529.5	6,464.5	64,495.0	30,089.5	10,549.5	66,434.0	32,909.0	12,668.5
Gaston	30,458.0	12,829.5	3,614.0	38,279.0	14,826.5	3,180.0	40,493.0	16,787.5	6,529.0
Guilford	108,757.5	38,885.5	11,939.0	123,014.5	34,490.5	8,451.5	126,745.5	30,207.0	7,277.5
Halifax	9,178.0	4,259.0	1,429.0	10,866.0	4,921.0	1,608.5	11,426.0	7,458.0	1,273.0
Haywood	9,240.5	9,401.0	1,062.0	9,018.0	10,163.5	791.0	9,422.5	13,027.5	526.0
Isothermal	6,961.5	7,697.0	1,020.0	9,361.5	9,455.5	3,651.5	11,882.0	11,267.0	4,033.5
James Sprunt	6,811.5	3,381.0	2,986.0	8,719.5	3,630.0	2,178.0	10,631.0	4,434.5	3,567.0
Johnston	26,523.5	7,218.5	1,167.5	32,698.5	9,637.0	1,887.0	37,550.0	9,616.5	3,581.5
Lenoir	21,809.0	9,965.0	4,461.5	21,993.5	9,917.5	4,429.5	24,505.0	9,162.5	4,837.0
Martin	3,681.0	4,701.5	423.0	5,061.5	5,937.5	3,366.5	6,349.5	5,272.5	4,085.5
Mayland	7,180.0	2,326.5	1,090.0	8,294.5	2,784.0	348.0	9,608.0	2,560.5	1,052.5

Table 8. Student Clock Hours of Instruction

Institution	2014			2013			2012		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
McDowell	5,055.0	5,485.5	411.5	6,083.0	6,387.5	958.5	8,399.0	6,942.0	474.0
Mitchell	25,135.0	7,096.0	3,862.0	27,464.0	7,970.0	4,047.5	31,524.5	9,956.0	3,782.5
Montgomery	5,534.0	3,174.5	728.0	5,304.5	3,530.0	540.0	5,436.0	3,517.5	952.0
Nash	21,138.5	7,447.0	4,273.0	20,379.0	8,581.5	5,318.5	22,274.0	6,918.5	5,119.0
Pamlico	2,081.0	859.0	55.0	2,141.0	972.5	22.0	2,350.5	978.0	211.0
Piedmont	8,978.5	6,001.0	1,455.5	8,670.0	6,767.5	911.5	9,446.0	8,093.0	1,583.0
Pitt	51,918.5	21,708.5	3,134.0	61,503.5	24,023.0	2,246.0	64,207.0	25,871.5	2,441.0
Randolph	19,588.5	7,268.0	1,670.5	21,292.5	7,699.0	626.5	22,795.0	7,880.5	1,692.0
Richmond	14,259.5	8,552.5	1,721.0	17,514.0	8,307.5	1,382.0	18,310.5	8,297.0	1,368.0
Roanoke-Chowan	6,036.5	3,970.0	1,575.0	6,669.5	3,988.5	4,605.0	9,141.0	4,791.5	1,295.5
Robeson	15,255.5	14,030.5	684.0	20,289.5	16,271.5	1,618.5	21,140.5	15,384.5	1,348.0
Rockingham	14,562.5	6,764.0	1,790.0	16,817.0	6,573.0	2,615.0	18,961.0	8,321.5	3,558.0
Rowan-Cabarrus	41,585.5	18,947.5	1,583.5	48,593.5	18,370.0	1,614.0	46,608.5	20,574.5	389.0
Sampson	13,312.0	5,749.5	375.0	13,652.0	6,946.0	968.5	14,525.0	6,980.0	840.5
Sandhills	30,880.5	8,944.0	3,867.5	34,185.5	7,967.5	4,450.0	38,299.5	9,069.0	3,481.5
South Piedmont	13,080.5	7,547.0	2,329.0	12,996.0	7,751.5	1,178.0	12,709.0	7,651.5	1,578.5
Southeastern	8,118.5	4,152.0	1,969.5	8,946.5	4,445.0	1,752.5	10,910.5	4,713.0	2,423.5
Southwestern	14,963.0	8,203.0	1,185.0	13,607.5	8,097.5	1,515.5	18,872.5	7,464.5	2,220.5
Stanly	7,005.5	3,582.5	1,615.0	12,955.5	4,861.0	609.0	15,981.5	6,587.5	1,240.0
Surry	29,855.5	9,657.5	7,173.5	32,250.0	11,045.5	5,537.0	33,845.5	10,641.0	4,584.0
Tri-County	7,388.0	4,882.0	188.0	7,223.5	7,555.0	82.5	5,969.0	4,909.5	149.0
Vance-Granville	19,502.0	13,904.5	1,665.0	21,813.5	14,420.5	1,478.0	26,407.0	16,765.0	874.5
Wake	121,157.0	56,693.0	11,397.5	125,511.5	53,346.5	9,497.0	116,918.5	62,739.5	16,524.5
Wayne	19,440.0	13,443.5	717.0	18,549.0	16,568.5	3,184.0	20,263.0	16,539.0	5,810.5
Western Piedmont	11,730.0	8,964.5	3,367.0	15,493.0	9,869.5	2,074.0	20,280.0	10,133.0	1,108.0
Wilkes	22,760.5	8,317.0	2,432.0	25,582.0	10,052.5	2,181.5	25,379.0	8,900.5	2,360.0
Wilson	8,773.0	6,270.0	1,508.0	11,805.0	6,564.0	1,954.0	11,792.0	6,474.0	2,502.0
Subtotal	***1,463,013.0***	***707,443.5***	***144,172.5***	***1,632,045.5***	***739,637.5***	***167,388.0***	***1,722,026.0***	***776,702.0***	***188,135.0***
				Private Institutions					
NC Private Universities									
Barton	11,008.0	3,389.5	960.0	11,681.5	3,628.0	1,050.5	11,632.5	3,510.0	833.0
Campbell	54,469.5	7,005.0	6,132.5	50,762.5	6,994.5	6,607.5	52,208.0	7,061.0	6,306.0
Mars Hill	15,829.0	3,790.5	1,827.0	16,943.0	3,218.0	1,686.0	14,975.0	3,149.0	1,770.0
Pfeiffer	9,969.0	2,135.5	501.0	10,192.0	2,102.5	741.5	10,231.0	2,260.5	781.0
Subtotal	***91,275.5***	***16,320.5***	***9,420.5***	***89,579.0***	***15,943.0***	***10,085.5***	***89,046.5***	***15,980.5***	***9,690.0***
Grand Total	***3,519,295.5***	***1,138,094.0***	***326,539.5***	***3,691,183.5***	***1,149,686.5***	***346,309.0***	***3,802,374.5***	***1,200,446.5***	***369,005.5***

TABLE 9:

SPACE FACTORS

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

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

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

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

An alternative formula is:

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

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

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

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

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:

$$\text{Classroom Space Factor} = \frac{22}{18.5 \text{ X } .595} = 1.99$$

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				
	2014	2013	2012	2011	2010	2014	2013	2012	2011	2010	2014	2013	2012	2011	2010
Public Institutions															
Research Universities I															
NC State	0.86	0.84	0.82	0.81	0.83	3.62	3.80	3.97	3.63	3.46	1.43	1.42	1.41	1.35	1.32
UNC-Chapel Hill	0.93	0.96	0.98	1.06	1.03	4.02	4.32	3.24	4.83	4.59	1.19	1.19	1.18	1.33	1.29
Subtotal	***0.90***	***0.90***	***0.90***	***0.93***	***0.92***	***3.72***	***3.92***	***3.76***	***3.90***	***3.71***	***1.32***	***1.31***	***1.30***	***1.34***	***1.31***
Doctoral Universities I and II															
East Carolina	0.91	0.92	0.90	0.86	0.86	3.60	3.53	3.86	3.73	3.46	1.38	1.36	1.37	1.31	1.29
NC A&T	1.35	1.41	1.45	1.55	1.40	3.49	3.54	3.62	8.12	7.24	1.76	1.82	1.85	2.62	2.47
UNC Charlotte	0.82	0.82	0.84	0.86	0.73	3.09	3.73	3.60	3.45	3.14	1.17	1.26	1.26	1.29	1.14
UNC Greensboro	0.94	0.99	0.90	0.87	0.75	3.66	3.82	2.82	3.90	3.96	1.37	1.42	1.21	1.28	1.18
Subtotal	***0.95***	***0.97***	***0.95***	***0.96***	***0.86***	***3.42***	***3.65***	***3.49***	***4.32***	***4.02***	***1.36***	***1.40***	***1.36***	***1.48***	***1.38***
Master's (Comprehensive) Universities and Colleges I															
Appalachian	0.88	0.90	0.89	0.88	0.86	2.34	2.41	2.44	2.68	2.44	1.20	1.21	1.22	1.23	1.18
Fayetteville	1.23	1.18	1.06	1.24	1.08	4.41	4.06	3.28	3.56	3.20	1.93	1.82	1.54	1.72	1.52
NC Central	1.84	1.69	1.65	1.55	1.40	5.17	4.53	3.66	3.37	3.24	2.33	2.13	2.01	1.91	1.74
UNC Pembroke	1.59	1.58	1.55	1.35	1.15	3.21	3.39	3.45	3.73	3.36	1.83	1.83	1.81	1.63	1.38
UNC Wilmington	1.08	1.12	1.16	0.99	1.00	2.98	3.64	2.90	2.66	2.82	1.39	1.46	1.45	1.30	1.30
Western Carolina	1.02	1.02	1.11	1.04	1.08	3.72	3.84	3.98	3.45	3.51	1.56	1.57	1.66	1.53	1.59
Winston-Salem	1.73	1.76	1.37	1.26	1.27	4.71	5.64	4.72	4.39	3.73	2.31	2.51	1.98	1.81	1.78
Subtotal	***1.18***	***1.18***	***1.17***	***1.10***	***1.06***	***3.29***	***3.48***	***3.19***	***3.14***	***3.00***	***1.58***	***1.60***	***1.55***	***1.48***	***1.42***
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	5.09	3.71	2.64	2.11	1.76	9.22	6.26	5.90	6.16	5.41	6.49	4.61	3.58	3.21	2.72
UNC Asheville	1.27	1.24	1.39	1.19	1.16	4.19	4.92	4.45	4.38	4.65	1.68	1.87	2.02	1.79	1.78
Subtotal	***2.30***	***2.06***	***1.88***	***1.55***	***1.41***	***6.87***	***5.68***	***5.19***	***5.28***	***5.06***	***3.24***	***2.93***	***2.68***	***2.38***	***2.19***
Schools of Art, Music, and Design															
UNC School of the Arts	4.05	3.92	3.92	3.28	3.48	6.21	6.71	7.16	6.46	4.83	5.41	5.62	5.77	5.13	4.37
Subtotal	***4.05***	***3.92***	***3.92***	***3.28***	***3.48***	***6.21***	***6.71***	***7.16***	***6.46***	***4.83***	***5.41***	***5.62***	***5.77***	***5.13***	***4.37***
Community Colleges															
Alamance	2.34	2.05	1.87	1.84	1.64	4.42	4.31	4.64	4.09	3.34	2.97	2.69	2.57	2.45	2.14
Asheville-Buncombe	2.86	2.11	2.22	2.09	2.05	5.26	4.41	4.31	4.76	5.22	3.95	3.09	3.17	3.23	3.25
Beaufort Co.	4.24	3.03	3.56	2.62	2.74	10.17	9.66	7.26	7.06	6.65	6.09	4.67	4.82	4.13	4.16
Bladen	2.83	2.80	3.12	2.36	1.91	4.84	6.34	4.97	6.73	4.04	3.72	3.90	3.90	3.62	2.70
Blue Ridge	4.92	4.03	3.80	3.66	3.91	11.93	13.00	11.36	11.46	13.09	7.45	6.71	6.17	6.06	6.61
Brunswick	3.32	2.74	3.02	2.80	3.02	4.20	4.13	4.68	5.17	5.05	3.56	3.07	3.42	3.26	3.57
Caldwell	4.49	3.00	2.42	2.38	2.26	9.37	7.05	5.50	6.04	4.97	5.86	4.04	3.23	3.27	3.00
Cape Fear	1.86	1.79	1.52	1.55	1.53	3.10	3.23	2.88	2.88	3.16	2.38	2.40	2.06	2.07	2.18
Carteret	4.27	3.93	3.53	3.46	2.64	7.95	8.30	6.49	7.39	7.47	5.74	5.55	4.73	4.96	4.19
Catawba Valley	2.99	2.84	2.25	2.07	1.83	5.50	5.17	4.68	4.79	3.91	4.02	3.86	3.25	3.16	2.76
Central Carolina	3.04	3.61	3.35	2.44	2.81	6.88	6.92	6.18	6.70	5.87	4.07	4.64	4.23	3.42	3.69
Central Piedmont	2.51	2.11	2.14	2.17	2.09	5.98	6.67	7.55	7.55	7.42	3.29	2.96	3.04	3.04	2.93
Cleveland	4.15	3.36	3.08	2.37	2.06	5.79	4.60	4.24	3.89	3.59	4.92	3.95	3.63	3.02	2.69
Coastal Carolina	2.23	1.78	1.49	1.58	1.75	2.77	3.23	3.50	3.46	4.24	2.45	2.34	2.17	2.25	2.58
Coll. of Albemarle	5.48	5.26	3.73	3.16	2.94	11.70	11.91	7.98	6.35	6.59	7.79	7.81	5.27	4.24	3.90
Craven	2.61	2.04	2.05	2.03	2.13	7.56	7.29	6.99	7.01	6.91	4.03	3.37	3.30	3.28	3.40
Davidson County	2.72	2.35	2.31	2.28	2.10	5.82	5.92	4.69	4.60	4.33	3.66	3.32	3.06	2.99	2.81
Durham	2.33	2.53	1.81	1.97	1.72	5.69	7.02	5.61	5.03	4.98	3.27	3.66	2.68	2.80	2.54
Edgecombe	2.26	2.44	1.70	1.62	1.45	5.83	3.99	3.20	3.47	3.24	3.37	3.09	2.29	2.29	2.07
Fayetteville	2.49	2.09	2.39	2.11	2.11	4.89	4.27	4.53	5.04	5.16	3.34	2.82	3.13	3.00	3.02
Forsyth	2.60	2.22	1.87	1.47	1.58	5.50	5.03	5.00	3.66	4.04	3.56	3.11	2.91	2.18	2.37
Gaston	3.41	2.68	2.58	2.28	1.93	6.37	5.54	4.83	4.85	4.65	4.29	3.48	3.24	2.93	2.65
Guilford	1.89	1.59	1.55	1.59	1.37	4.92	5.33	6.08	5.17	5.83	2.68	2.41	2.42	2.40	2.11
Halifax	4.02	3.40	3.23	3.03	2.67	8.61	7.46	4.92	6.35	5.34	5.48	4.66	3.90	4.10	3.58
Haywood	3.50	3.58	3.17	3.57	2.93	7.48	7.42	6.25	7.39	6.54	5.50	5.62	4.96	5.73	5.05
Isothermal	6.89	5.16	3.82	3.11	2.59	6.65	5.38	4.44	4.10	3.33	6.76	5.27	4.12	3.61	2.97
James Sprunt	4.02	3.04	2.62	2.85	2.53	5.80	5.40	4.42	4.83	5.00	4.61	3.73	3.15	3.45	3.17
Johnston	3.10	2.47	2.18	2.18	2.20	8.51	6.83	6.84	5.63	5.58	4.26	3.46	3.13	3.00	3.01
Lenoir	3.29	3.24	3.13	2.91	2.89	7.06	7.09	6.87	6.55	5.27	4.47	4.44	4.15	3.94	3.56
Martin	6.22	4.53	3.45	2.94	3.92	6.81	5.39	6.07	5.64	6.39	6.55	4.99	4.64	4.11	5.09
Mayland	4.23	3.66	3.12	3.02	3.18	9.15	7.34	7.98	7.62	5.47	5.43	4.59	4.14	3.99	3.83

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2014	**2013**	**2012**	**2011**	**2010**	**2014**	**2013**	**2012**	**2011**	**2010**	**2014**	**2013**	**2012**	**2011**	**2010**
McDowell	5.53	3.87	2.80	3.25	5.00	9.71	4.87	4.48	4.41	4.18	7.71	4.38	3.56	3.84	4.54
Mitchell	2.76	2.52	2.20	2.16	1.88	6.34	5.65	4.52	4.63	4.93	3.55	3.22	2.75	2.73	2.46
Montgomery	3.44	3.59	3.41	3.13	3.23	5.56	5.00	4.58	4.66	4.81	4.21	4.15	3.87	3.71	3.87
Nash	2.48	2.37	2.17	1.86	2.24	4.96	4.52	5.61	4.38	4.36	3.12	3.01	2.98	2.49	2.86
Pamlico	6.65	6.47	5.89	6.88	4.70	12.30	10.87	10.81	8.00	7.22	8.31	7.84	7.34	7.32	5.54
Piedmont	4.02	4.16	3.82	2.96	2.44	4.99	4.43	3.70	3.24	2.89	4.41	4.28	3.77	3.08	2.63
Pitt	1.52	1.33	1.28	1.03	1.04	5.27	4.71	4.38	2.89	3.12	2.63	2.28	2.17	1.60	1.64
Randolph	3.25	3.06	2.48	2.17	1.92	10.87	10.03	9.37	11.50	8.09	5.31	4.91	4.25	4.04	3.38
Richmond	2.51	2.00	1.95	2.01	2.06	4.76	4.10	4.67	4.25	4.06	3.35	2.68	2.80	2.75	2.76
Roanoke-Chowan	2.58	2.68	1.96	3.29	2.54	5.79	5.76	4.79	5.12	5.71	3.85	3.83	2.93	4.12	3.54
Robeson	2.21	1.76	1.75	1.45	1.31	3.75	3.21	3.33	3.07	3.31	2.95	2.41	2.41	2.14	1.92
Rockingham	2.35	2.18	1.94	1.90	1.72	8.59	8.64	7.30	7.06	7.34	4.33	3.99	3.57	3.48	3.22
Rowan-Cabarrus	1.87	1.69	1.81	1.51	1.57	4.47	4.70	4.33	3.95	2.88	2.68	2.52	2.58	2.29	2.08
Sampson	2.36	2.30	2.16	2.01	1.93	6.01	4.98	4.95	7.21	5.11	3.46	3.20	3.07	3.23	2.87
Sandhills	3.01	2.51	2.14	1.87	2.09	6.03	6.77	5.80	5.00	4.86	3.69	3.32	2.85	2.56	2.77
South Piedmont	3.30	3.03	2.91	3.06	1.78	5.05	4.62	5.07	4.86	3.74	3.94	3.63	3.72	3.78	2.42
Southeastern	5.77	5.23	3.84	3.51	3.76	7.89	7.50	7.13	5.72	5.44	6.49	5.98	4.84	4.22	4.33
Southwestern	2.67	3.09	2.43	2.73	2.40	5.42	5.09	4.90	4.82	4.58	3.64	3.84	3.13	3.48	3.13
Stanly	5.14	2.52	2.30	2.11	2.43	8.44	7.22	5.45	6.92	4.13	6.26	3.80	3.22	3.21	3.06
Surry	2.76	2.56	2.49	2.74	2.31	6.89	6.16	5.92	5.52	4.43	3.77	3.48	3.31	3.65	3.05
Tri-County	4.61	4.02	4.87	4.43	4.41	6.37	4.44	6.83	5.65	5.46	5.31	4.24	5.75	5.01	4.90
Vance-Granville	2.45	2.22	2.19	2.17	2.41	4.76	4.51	3.92	4.42	3.93	3.41	3.13	2.86	3.01	3.05
Wake	1.63	1.58	1.70	1.37	1.46	3.33	3.56	3.10	3.01	3.08	2.17	2.17	2.19	1.91	2.01
Wayne	1.98	1.91	1.93	1.99	2.03	4.93	3.62	3.36	3.32	3.41	3.18	2.72	2.57	2.58	2.63
Western Piedmont	5.09	3.62	2.82	2.31	2.13	5.94	5.59	5.45	4.78	5.05	5.46	4.39	3.69	3.06	2.92
Wilkes	2.64	2.28	2.30	2.39	2.01	8.66	5.96	6.73	6.15	6.05	4.25	3.32	3.45	3.44	2.99
Wilson	4.75	3.53	3.40	4.00	3.22	5.25	5.18	5.57	6.14	4.86	4.96	4.12	4.17	4.78	3.83
Subtotal	***2.68***	***2.35***	***2.21***	***2.08***	***1.99***	***5.57***	***5.27***	***4.97***	***4.83***	***4.62***	***3.62***	***3.26***	***3.06***	***2.92***	***2.80***
						Private Institutions									
NC Private Universities															
Barton	2.54	2.39	2.40	2.40	2.44	5.05	4.72	4.88	4.86	5.46	3.13	2.94	2.97	2.97	3.09
Campbell	1.81	1.95	1.68	1.67	1.67	5.32	5.32	4.20	4.15	5.61	2.21	2.36	1.98	1.96	2.03
Mars Hill	2.63	2.45	2.42	2.74	3.06	7.57	8.92	8.90	7.87	8.19	3.58	3.49	3.54	3.83	4.21
Pfeiffer	3.36	3.29	3.28	2.94	3.03	8.71	8.85	8.23	10.11	9.74	4.31	4.24	4.17	3.95	4.01
Subtotal	***2.21***	***2.25***	***2.08***	***2.08***	***2.15***	***6.23***	***6.38***	***5.84***	***5.81***	***6.84***	***2.82***	***2.88***	***2.65***	***2.66***	***2.79***
Grand Total	***1.76***	***1.66***	***1.59***	***1.53***	***1.47***	***4.87***	***4.79***	***4.53***	***4.53***	***4.33***	***2.52***	***2.40***	***2.30***	***2.25***	***2.16***

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	30.3	28.6	27.2	65.2	65.1	64.9	0.93	0.90	0.86
Doctoral Universities I and II	30.6	27.9	24.9	65.9	63.6	56.0	1.35	0.95	0.82
Master's (Comprehensive) Universities I	30.2	25.7	17.6	69.5	62.1	48.3	1.84	1.18	0.88
Baccalaureate (Liberal Arts) Universities	28.0	16.1	8.1	59.8	53.6	41.8	5.09	2.30	1.27
Schools of Art, Music, and Design*	10.6	10.6	10.6	53.4	53.4	53.4	4.05	4.05	4.05
Community Colleges	27.3	15.4	7.9	73.9	55.8	32.8	6.89	2.68	1.52
Private Institutions									
NC Private Universities	18.6	15.7	12.1	54.1	50.5	38.4	3.36	2.21	1.81
Grand Total									
State Range	30.6	18.6	7.9	73.9	59.5	32.8	6.89	1.76	0.82
Typical Standard	-	35.0	-	-	65.0	-	-	0.79	-
Class Laboratories									
Public Institutions									
Research Universities I	12.7	12.4	11.7	77.7	71.7	57.7	4.02	3.72	3.62
Doctoral Universities I and II	18.9	16.0	14.4	72.8	64.6	56.6	3.66	3.42	3.09
Master's (Comprehensive) Universities I	23.1	15.8	8.6	76.5	68.3	53.3	5.17	3.29	2.34
Baccalaureate (Liberal Arts) Universities	15.1	8.5	6.2	60.0	53.2	48.3	9.22	6.87	4.19
Schools of Art, Music, and Design*	11.7	11.7	11.7	65.4	65.4	65.4	6.21	6.21	6.21
Community Colleges	23.8	14.0	7.7	76.9	57.2	25.6	12.30	5.57	2.77
Private Institutions									
NC Private Universities	12.9	10.0	5.6	79.5	51.7	44.0	8.71	6.23	5.05
Grand Total									
State Range	23.8	14.0	5.6	79.5	60.4	25.6	12.30	4.87	2.34
Typical Standard	-	20.0	-	-	75.0	-	-	7.20	-

**Only one institution in this category*

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

Teaching Lab Category	Discipline	ASF Per Station	Space Factor
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, Cinematograpy, 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)

Research Lab Category	Discipline	ASF per $l M Averaged Organized Research Expenditures
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 *(Includes 410-Study Room and* 50% of *430-Open-Stack Study Room space)*	25 ASF per station for 20% of FTE students plus 8% of FTE faculty.
Stack Space (*Includes 420-Stack and 50% of 430-Open-Stack Study Room Space)*	0.08 ASF per volume
Service Space *(Includes 440-Processing Room and 455-Study Service space)*	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 2014, 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.

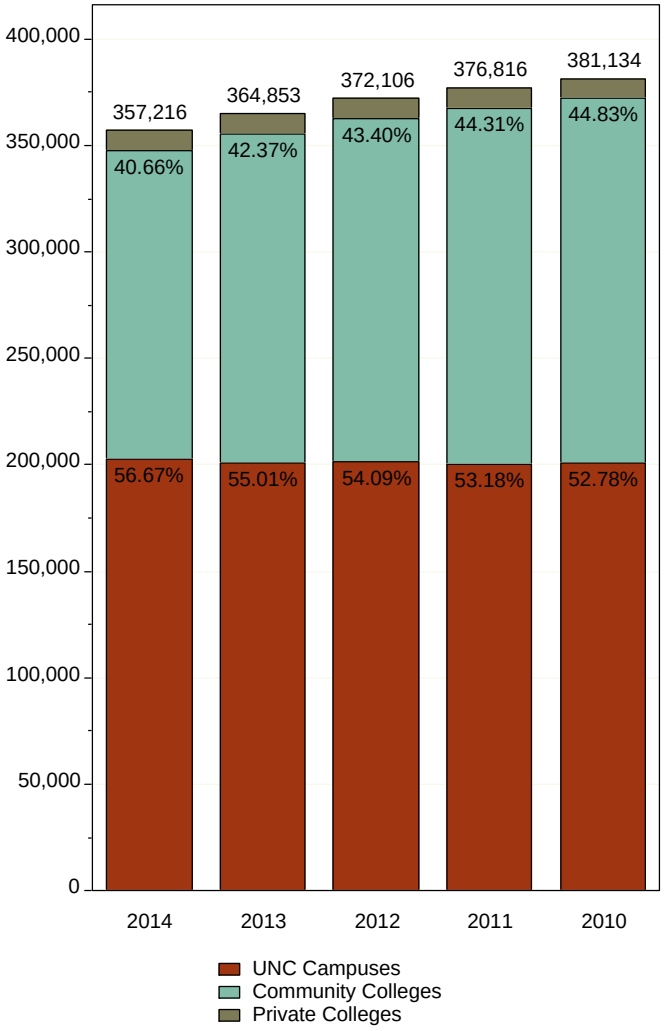
North Carolina institutions experienced a headcount enrollment increase of 0.6 percent in 2014. Public institutions showed a 0.9 percent increase, while private enrollments decreased this year by 0.3 percent. Enrollments for men increased by 9.4 percent and women increased by 6.7 percent. North Carolina's 2014 part-time enrollment increased by 1.9 percent while the state's full-time enrollment increased by 9.7 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

	2014	2013	2012	2011	2010
	Public Institutions				
Research Universities I	57,332	57,274	57,699	57,787	57,728
Doctoral Universities I and II	76,055	74,284	74,351	74,136	74,135
Master's (Comprehensive) Universities and Colleges I	62,846	62,516	62,237	61,346	61,753
Baccalaureate (Liberal Arts) Universities and Colleges I and II	5,263	5,743	6,099	6,238	6,674
Schools of Art, Music, and Design	954	902	870	884	860
Community Colleges	145,260	154,584	161,490	166,960	170,874
	Private Institutions				
NC Private Universities	9,506	9,550	9,360	9,465	9,110
	357,216	***364,853***	***372,106***	***376,816***	***381,134***

All NC Higher Education Institutions
By Type of Control



UNC Institutions Only
By Level

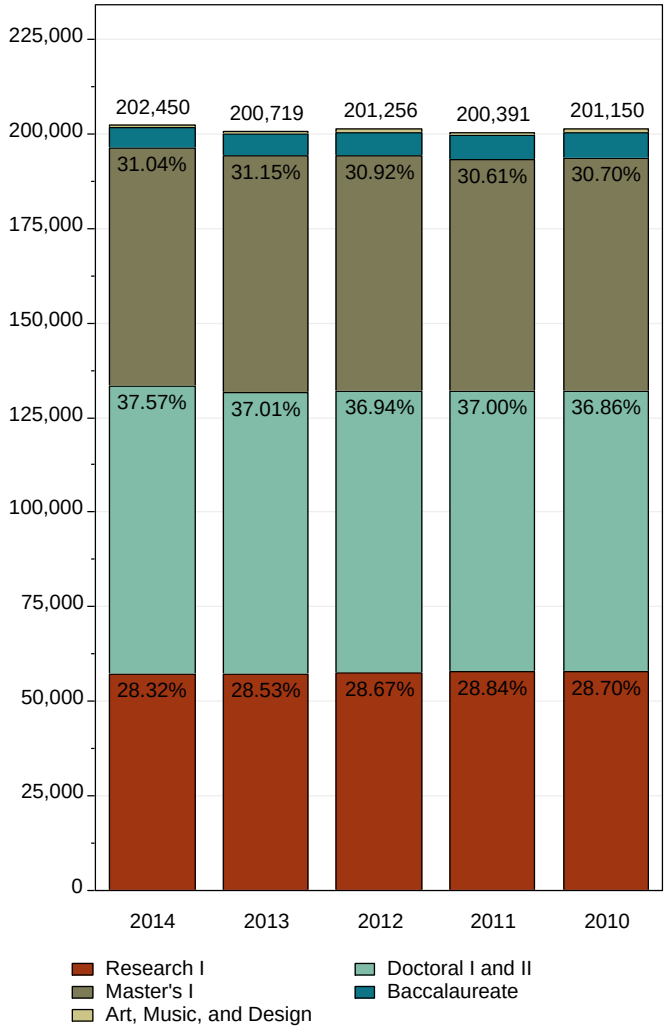


Table 12. FTE Enrollments by Institution

Institution	2014 On-Campus	2014 Total	2013 On-Campus	2012 On-Campus	2011 On-Campus	2010 On-Campus
Public Institutions						
Research Universities I						
NC State	29,984	-	29,928	30,296	30,638	30,397
NC State Veterinary Med	376	-	357	334	312	310
UNC-Chapel Hill	22,263	-	22,266	22,312	22,167	22,419
UNC-Chapel Hill Hlth Aff.	4,709	-	4,723	4,757	4,670	4,602
Subtotal	***57,332***	***-***	***57,274***	***57,699***	***57,787***	***57,728***
Doctoral Universities I and II						
East Carolina	22,235	-	21,840	21,830	22,352	22,727
East Carolina Hlth Aff.	2,484	-	2,430	2,368	2,236	2,164
NC A&T	10,052	-	9,844	9,859	10,063	9,983
UNC Charlotte	24,716	-	23,975	23,540	22,630	22,286
UNC Greensboro	16,568	-	16,195	16,754	16,855	16,975
Subtotal	***76,055***	***-***	***74,284***	***74,351***	***74,136***	***74,135***
Master's (Comprehensive) Universities and Colleges I						
Appalachian	17,310	-	17,097	16,815	16,654	16,388
Fayetteville	5,133	-	5,319	5,227	5,199	5,036
NC Central	7,087	-	7,477	7,869	7,587	7,813
UNC Pembroke	5,525	-	5,443	5,522	5,477	6,053
UNC Wilmington	13,613	-	13,106	12,871	12,321	12,214
Western Carolina	9,324	-	9,038	8,635	8,343	8,312
Winston-Salem	4,854	-	5,036	5,298	5,765	5,937
Subtotal	***62,846***	***-***	***62,516***	***62,237***	***61,346***	***61,753***
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	1,767	-	2,301	2,720	2,772	3,112
UNC Asheville	3,496	-	3,442	3,379	3,466	3,562
Subtotal	***5,263***	***-***	***5,743***	***6,099***	***6,238***	***6,674***
Schools of Art, Music, and Design						
UNC School of the Arts	954	(265)	902	870	884	860
Subtotal	***954***	***(265)***	***902***	***870***	***884***	***860***
Community Colleges						
Alamance	3,180	(3,376)	3,216	3,430	3,772	3,592
Asheville-Buncombe	5,138	(5,568)	5,798	6,148	5,888	5,670
Beaufort Co.	1,098	(1,534)	1,222	1,312	1,346	1,320
Bladen	1,138	(1,154)	1,116	1,232	1,432	1,612
Blue Ridge	1,232	(1,670)	1,430	1,422	1,540	1,586
Brunswick	1,048	(1,398)	1,050	980	1,020	1,034
Caldwell	2,330	(2,918)	2,404	2,952	3,154	3,060
Cape Fear	6,310	(7,568)	6,468	6,710	6,936	6,896
Carteret	904	(1,248)	938	1,066	1,072	1,152
Catawba Valley	2,672	(3,782)	2,730	2,974	3,272	3,542
Central Carolina	3,768	(4,040)	3,726	3,816	3,526	3,874
Central Piedmont	9,982	(13,924)	10,490	10,386	10,888	11,180
Cleveland	1,450	(2,478)	1,800	1,882	2,108	2,364
Coastal Carolina	2,830	(3,682)	2,808	2,902	2,918	3,132
Coll. of Albemarle	1,078	(1,908)	1,220	1,144	1,448	1,482
Craven	1,610	(2,344)	1,820	1,758	1,956	2,000
Davidson County	3,184	(3,184)	3,220	3,318	3,412	3,540
Durham	2,974	(3,636)	3,064	3,218	3,094	3,402
Edgecombe	1,324	(2,016)	1,556	1,698	1,826	2,040
Fayetteville	8,578	(8,762)	9,000	9,028	8,530	8,054
Forsyth	6,278	(6,796)	6,628	6,974	7,404	7,030
Gaston	4,376	(4,476)	4,624	4,850	4,858	5,174
Guilford	7,176	(9,504)	8,404	9,744	10,462	10,630
Halifax	758	(1,122)	810	986	1,098	1,186
Haywood	960	(1,630)	1,106	1,158	1,308	1,428
Isothermal	1,122	(1,650)	1,338	1,566	1,542	1,842

2014 UNCSA FTE enrollment including high school students is 1,219.

Total community college FTE enrollment includes both on- and off-campus students. See pages 54-55.

Table 12. FTE Enrollments by Institution

Institution	2014		2013	2012	2011	2010
	On-Campus	Total	On-Campus	On-Campus	On-Campus	On-Campus
James Sprunt	972	(978)	1,124	1,322	1,190	1,124
Johnston	2,382	(3,280)	2,578	2,686	2,852	2,842
Lenoir	2,300	(2,434)	2,288	2,266	2,518	2,670
Martin	516	(548)	632	650	712	688
Mayland	730	(854)	776	824	826	840
McDowell	878	(878)	964	1,094	1,096	1,296
Mitchell	1,662	(2,226)	1,854	2,006	2,280	2,302
Montgomery	708	(744)	658	680	642	682
Nash	2,236	(2,834)	2,100	2,050	2,122	2,280
Pamlico	80	(388)	78	84	148	178
Piedmont	1,186	(1,192)	1,230	1,402	1,762	2,024
Pitt	6,782	(7,190)	6,892	6,876	6,260	6,256
Randolph	1,540	(2,350)	1,746	1,686	1,760	1,892
Richmond	1,836	(1,996)	1,846	1,950	1,928	1,756
Roanoke-Chowan	478	(676)	568	576	648	594
Robeson	1,714	(1,734)	1,914	2,462	2,340	2,218
Rockingham	1,466	(1,466)	1,618	1,620	1,888	2,042
Rowan-Cabarrus	3,394	(5,314)	3,714	3,850	4,504	4,990
Sampson	1,000	(1,140)	1,092	1,078	1,150	1,238
Sandhills	2,306	(3,188)	2,486	2,588	2,740	2,898
South Piedmont	1,014	(1,696)	1,058	960	1,102	1,270
Southeastern	854	(1,192)	928	1,064	1,228	1,378
Southwestern	1,352	(2,074)	1,298	1,394	1,394	1,478
Stanly	1,998	(2,212)	1,986	2,118	2,376	2,296
Surry	2,560	(2,586)	2,750	2,750	2,808	2,748
Tri-County	514	(1,010)	588	674	722	770
Vance-Granville	2,530	(2,614)	2,802	2,896	3,174	3,092
Wake	11,088	(15,478)	11,074	11,248	10,784	10,394
Wayne	2,698	(2,862)	3,020	2,964	2,836	2,932
Western Piedmont	898	(1,810)	1,678	1,778	2,128	2,214
Wilkes	2,262	(2,418)	2,326	2,282	2,286	2,532
Wilson	828	(1,380)	932	958	946	1,138
Subtotal	***145,260***	***(180,110)***	***154,584***	***161,490***	***166,960***	***170,874***
		Private Institutions				
NC Private Universities						
Barton	978	-	976	979	1,067	1,041
Campbell	5,601	-	5,617	5,432	5,426	5,265
Mars Hill	1,395	-	1,389	1,328	1,249	1,139
Pfeiffer	1,532	-	1,568	1,621	1,723	1,665
Subtotal	***9,506***	***-***	***9,550***	***9,360***	***9,465***	***9,110***
Grand Total	***357,216***	***(180,375)***	***364,853***	***372,106***	***376,816***	***381,134***

2014 UNCSA FTE enrollment including high school students is 1,219.
Total community college FTE enrollment includes both on- and off-campus students. See pages 54-55.

Rudolph Jones Student Center, Fayetteville State University

While the Rudolph Jones Student Center may look familiar from the outside, the interior space has been completely transformed. Completed in 2014, the $23 million renovation added 24,000 square feet to the building which now includes a 500-seat ballroom, an updated cafeteria with an additional 150 seats, and a 100-seat movie theatre with a downstairs grill. The updated Student Center now has ample space for students to gather including multiple lounge areas, a common area with a fireplace, and a canopy covered patio adjacent to a new amphitheater. In addition to the new and improved amenities for students, the renovation included the addition of office space for Student Services personnel. The Office of Student Engagement, Office of Career Services, Dean of Students, Photography, Student Government Association, Student Activities Council, AUTOS Commuter Student Association, Fayettevillian Yearbook, and the VOICE Student Newspaper are all housed in the new facility making it easier for students to access multiple campus resources in a central location.

Interior Space Characteristics

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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 (389,144), UNC at Wilmington (308,801), N. C. State University (2,304,930 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 (62.7%), Wake Technical CC (62.8%), Guilford TCC (67.8), (N.C. State University (63.9%), N.C. State Veterinary Medicine (63.6%), UNC at Chapel Hill-Health Affairs (54.1%), UNC at Chapel Hill Academic Affairs (60.7%), UNC at Charlotte (59.3%), UNC at Greensboro (57.3%), Appalachian State University (62.5%), UNC at Wilmington (64.8%), 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 $242 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .566. This means that new construction costs are approximately $428 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$242}{.566} = \$428$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $428 in new construction costs.

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2014	2013	2012	2011	2010
Public Institutions							
Research Universities I							
NC State	16,227,646	8,890,870	54.8	53.9	53.3	53.1	54.4
NC State Veterinary Med	849,240	426,169	50.2	50.0	50.2	49.5	64.0
UNC-Chapel Hill	13,210,016	7,264,128	55.0	54.8	54.8	54.9	54.7
UNC-Chapel Hill Hlth Aff.	6,674,849	2,688,346	40.3	39.8	39.8	40.0	39.9
Subtotal	***36,961,751***	***19,269,513***	***52.1***	***51.7***	***51.4***	***51.3***	***52.1***
Doctoral Universities I and II							
East Carolina	4,890,948	3,218,401	65.8	66.7	68.6	68.4	68.3
East Carolina Hlth Aff.	1,688,178	875,753	51.9	53.1	56.3	56.2	56.1
NC A&T	3,258,141	2,253,845	69.2	70.1	70.1	70.3	70.7
UNC Charlotte	9,004,790	3,738,962	41.5	40.3	40.1	42.4	44.0
UNC Greensboro	6,162,624	3,027,887	49.1	49.5	47.8	49.3	46.1
Subtotal	***25,004,681***	***13,114,848***	***52.4***	***52.6***	***53.0***	***54.5***	***54.5***
Master's (Comprehensive) Universities and Colleges I							
Appalachian	4,895,596	2,820,633	57.6	57.6	59.1	58.7	58.1
Fayetteville	2,260,070	903,039	40.0	61.6	61.9	61.2	58.7
NC Central	2,263,733	1,458,957	64.4	64.4	64.4	64.4	63.3
UNC Pembroke	1,555,816	1,025,855	65.9	66.0	66.0	66.6	65.0
UNC Wilmington	3,818,579	2,275,241	59.6	57.1	59.7	57.5	57.9
Western Carolina	3,175,222	2,029,026	63.9	63.9	63.8	64.9	64.9
Winston-Salem	1,884,337	1,202,525	63.8	64.3	64.2	61.9	61.9
Subtotal	***19,853,353***	***11,715,276***	***59.0***	***61.0***	***61.9***	***61.3***	***60.8***
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	1,364,337	860,493	63.1	66.4	66.4	66.4	67.1
UNC Asheville	1,546,153	902,504	58.4	58.2	58.7	59.5	59.6
Subtotal	***2,910,490***	***1,762,997***	***60.6***	***62.0***	***62.2***	***62.8***	***63.2***
Schools of Art, Music, and Design							
UNC School of the Arts	1,047,300	740,404	70.7	70.2	70.0	69.9	69.9
Subtotal	***1,047,300***	***740,404***	***70.7***	***70.2***	***70.0***	***69.9***	***69.9***
Teaching Hospitals							
UNC Hospitals	2,499,249	1,358,302	54.3	54.3	54.3	54.3	54.3
Subtotal	***2,499,249***	***1,358,302***	***54.3***	***54.3***	***54.3***	***54.3***	***54.3***
Community Colleges							
Alamance	393,712	238,366	60.5	60.5	60.9	60.9	60.7
Asheville-Buncombe	894,841	514,143	57.5	57.1	57.4	57.1	57.1
Beaufort Co.	270,733	189,556	70.0	70.0	70.0	71.2	71.1
Bladen	151,112	110,859	73.4	73.5	74.6	75.3	75.3
Blue Ridge	401,360	290,539	72.4	72.3	72.3	72.2	72.1
Brunswick	389,291	254,175	65.3	65.3	65.4	65.9	64.7
Caldwell	512,099	351,691	68.7	69.5	69.5	69.2	69.1
Cape Fear	1,616,235	614,635	38.0	38.0	53.3	53.4	62.5
Carteret	236,630	167,592	70.8	70.6	70.6	69.6	69.6
Catawba Valley	569,821	371,707	65.2	64.5	64.5	64.5	69.2
Central Carolina	577,422	398,976	69.1	69.1	69.7	69.7	70.2
Central Piedmont	3,262,766	1,346,953	41.3	40.8	40.6	40.3	40.5
Cleveland	305,295	208,136	68.2	68.8	68.8	67.4	67.4
Coastal Carolina	331,906	221,248	66.7	65.9	67.9	68.0	68.0
Coll. of Albemarle	399,648	268,273	67.1	67.4	63.4	63.4	62.7
Craven	315,907	211,127	66.8	66.8	66.1	66.0	65.9
Davidson County	455,455	310,482	68.2	68.2	68.2	67.9	67.7
Durham	510,737	343,079	67.2	67.2	67.1	67.1	67.3
Edgecombe	246,568	169,774	68.9	68.8	69.0	68.7	68.7
Fayetteville	937,418	632,069	67.4	67.4	67.4	68.3	68.1
Forsyth	964,500	668,782	69.3	69.3	69.6	69.3	69.3
Gaston	714,567	476,877	66.7	66.5	65.9	66.3	66.8
Guilford	1,893,185	1,187,991	62.8	59.3	59.3	67.3	67.5
Halifax	275,321	187,362	68.1	68.1	68.1	68.1	68.1

Table 13. Net-to-Gross Ratio

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net-to-Gross %				
			2014	2013	2012	2011	2010
Haywood	338,124	240,434	71.1	71.1	73.7	73.4	73.1
Isothermal	356,527	242,357	68.0	67.8	67.7	66.8	66.9
James Sprunt	166,650	117,343	70.4	70.6	70.9	70.9	70.9
Johnston	461,518	327,530	71.0	72.0	72.1	72.1	70.8
Lenoir	430,249	320,365	74.5	75.1	75.3	75.3	73.2
Martin	229,431	170,782	74.4	74.4	74.4	74.4	74.4
Mayland	159,916	113,860	71.2	70.7	71.9	72.4	70.6
McDowell	205,440	153,130	74.5	73.5	73.5	73.5	73.5
Mitchell	400,529	268,682	67.1	67.0	67.0	67.0	68.3
Montgomery	129,642	92,469	71.3	71.3	71.3	70.2	70.0
Nash	263,595	175,759	66.7	66.8	66.8	65.4	65.4
Pamlico	86,035	55,243	64.2	64.2	64.2	64.2	64.5
Piedmont	184,463	145,573	78.9	78.3	77.6	77.6	77.6
Pitt	586,052	378,859	64.6	64.7	64.7	63.9	64.1
Randolph	396,822	296,388	74.7	74.9	75.7	75.6	75.4
Richmond	253,209	177,758	70.2	70.2	70.1	70.5	70.5
Roanoke-Chowan	167,421	117,493	70.2	70.0	70.0	70.0	70.0
Robeson	279,660	201,239	72.0	72.0	72.0	72.1	69.2
Rockingham	327,731	230,853	70.4	70.5	70.8	70.8	70.8
Rowan-Cabarrus	518,864	378,894	73.0	72.9	73.3	73.3	73.1
Sampson	199,414	139,057	69.7	69.7	69.7	69.7	69.7
Sandhills	503,483	327,042	65.0	64.9	65.5	66.0	66.0
South Piedmont	404,558	328,178	81.1	79.6	76.2	58.7	75.6
Southeastern	247,000	183,581	74.3	74.3	72.3	72.4	72.3
Southwestern	294,802	203,425	69.0	69.1	69.1	71.3	71.0
Stanly	227,972	152,384	66.8	70.5	70.5	70.5	70.8
Surry	445,655	312,069	70.0	70.4	70.7	69.8	70.7
Tri-County	153,889	117,427	76.3	76.4	76.4	76.4	76.6
Vance-Granville	406,209	264,141	65.0	65.2	63.2	63.2	62.8
Wake	1,752,392	881,238	50.3	49.8	55.0	54.5	63.3
Wayne	402,962	262,254	65.1	63.4	63.5	62.3	62.2
Western Piedmont	398,774	288,461	72.3	72.0	72.1	71.9	72.0
Wilkes	427,953	313,434	73.2	72.6	72.6	71.8	71.7
Wilson	209,319	143,540	68.6	68.5	69.3	69.3	69.3
Subtotal	***28,642,789***	***17,855,634***	***62.3***	***62.1***	***63.5***	***63.6***	***64.6***
		Private Institutions					
NC Private Universities							
Barton	495,166	350,454	70.8	70.8	70.8	70.8	70.8
Campbell	1,654,614	1,127,462	68.1	68.0	68.8	68.8	69.2
Mars Hill	804,814	543,596	67.5	67.5	68.0	68.0	68.0
Pfeiffer	558,149	373,986	67.0	67.0	67.0	66.9	70.0
Subtotal	***3,512,743***	***2,395,498***	***68.2***	***68.1***	***68.6***	***68.6***	***69.3***
Grand Total	***120,432,356***	***68,212,472***	***56.6***	***56.8***	***57.3***	***57.5***	***57.9***

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

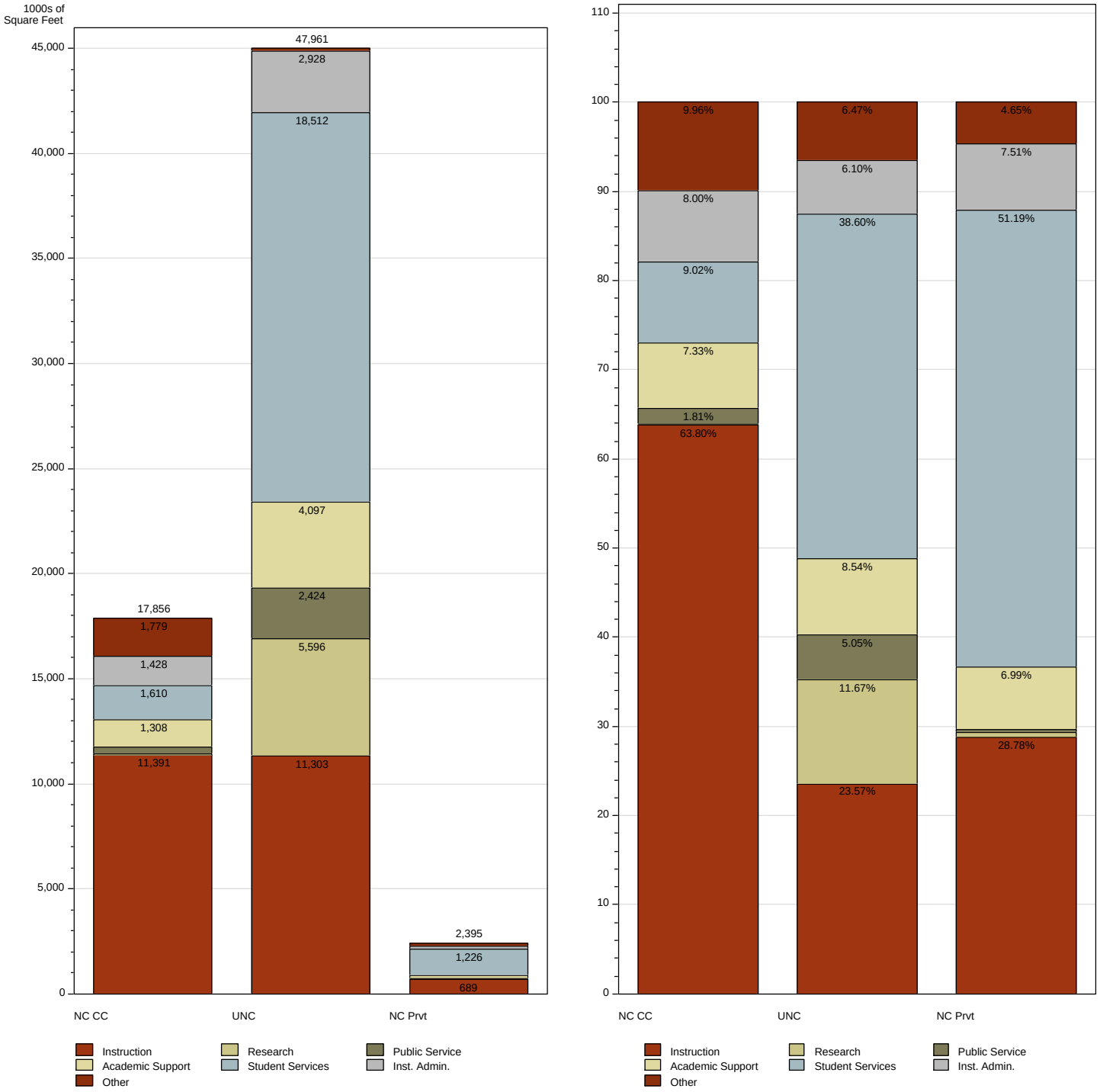

Table 14. Percentage Distribution of Assignable Area by Summary Programs

	Assignable Sq. Ft.	Instruction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Unassigned 00
					Public Institutions					
Research Universities I										
NC State	8,890,870	18.4	28.9	3.8	7.0	29.7	5.9	1.3	1.6	3.4
NC State Veterinary Med	426,169	23.1	32.6	29.4	6.9	1.5	0.6	5.2	0.7	0.0
UNC-Chapel Hill	7,264,128	21.4	7.3	0.6	11.0	47.8	5.9	3.3	0.8	1.8
UNC-Chapel Hill Hlth Aff.	2,688,346	23.5	44.9	9.4	8.1	0.7	2.0	0.3	1.9	9.1
Subtotal	***19,269,513***	***20.3***	***23.1***	***3.9***	***8.7***	***31.9***	***5.2***	***2.0***	***1.3***	***3.5***
Doctoral Universities I and II										
East Carolina	3,218,401	29.7	2.7	0.6	6.6	40.7	7.6	3.0	1.4	7.8
East Carolina Hlth Aff.	875,753	26.2	19.6	35.2	11.7	0.1	3.6	2.3	-	1.3
NC A&T	2,253,845	34.2	7.9	1.1	13.2	30.4	11.4	1.4	0.0	0.4
UNC Charlotte	3,738,962	22.9	7.4	0.2	10.0	46.4	3.9	0.8	-	8.3
UNC Greensboro	3,027,887	22.2	5.6	0.4	10.4	50.9	7.4	2.4	0.4	0.2
Subtotal	***13,114,848***	***26.6***	***6.7***	***2.8***	***9.9***	***40.2***	***6.9***	***1.9***	***0.4***	***4.5***
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,820,633	27.4	0.6	2.7	5.6	54.2	4.8	1.6	2.3	0.9
Fayetteville	903,039	33.9	1.8	0.1	11.1	40.8	4.7	1.4	1.3	4.8
NC Central	1,458,957	35.2	2.5	0.6	7.6	36.1	6.5	0.7	1.3	9.6
UNC Pembroke	1,025,855	27.6	0.2	0.2	9.4	52.6	8.0	1.9	-	0.2
UNC Wilmington	2,275,241	20.4	5.2	1.0	7.8	55.9	7.1	1.0	-	1.5
Western Carolina	2,029,026	23.9	1.5	0.2	10.2	51.0	7.1	2.9	1.0	2.2
Winston-Salem	1,202,525	21.7	1.6	1.0	8.1	56.2	6.7	1.1	0.7	3.1
Subtotal	***11,715,276***	***26.3***	***2.0***	***1.1***	***8.1***	***50.8***	***6.3***	***1.6***	***1.0***	***2.8***
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	860,493	32.2	0.3	2.2	5.7	50.0	5.7	0.9	-	3.1
UNC Asheville	902,504	23.7	1.6	1.2	10.3	52.2	4.0	4.8	1.6	0.5
Subtotal	***1,762,997***	***27.9***	***1.0***	***1.7***	***8.1***	***51.1***	***4.8***	***2.9***	***0.8***	***1.8***
Schools of Art, Music, and Design										
UNC School of the Arts	740,404	41.7	-	3.4	4.5	34.2	6.5	3.0	0.3	6.5
Subtotal	***740,404***	***41.7***	***-***	***3.4***	***4.5***	***34.2***	***6.5***	***3.0***	***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	514,143	65.6	-	2.0	5.2	6.3	7.4	1.7	8.3	3.6
Beaufort Co.	189,556	66.4	-	3.1	6.8	8.2	9.3	3.3	2.8	0.0
Bladen	110,859	63.6	-	0.3	8.9	13.0	8.6	5.6	-	0.0
Blue Ridge	290,539	63.7	-	0.0	6.4	15.1	5.3	3.5	5.9	0.0
Brunswick	254,175	40.7	-	1.0	3.5	7.0	7.1	2.8	31.5	6.4
Caldwell	351,691	68.0	-	0.0	5.6	11.3	4.3	4.2	6.5	0.1
Cape Fear	614,635	65.4	0.0	0.0	7.0	10.2	9.6	3.2	4.1	0.5
Carteret	167,592	74.6	-	-	7.2	7.3	9.0	0.9	1.0	0.0
Catawba Valley	371,707	64.9	-	-	7.8	12.8	5.4	-	5.7	3.3
Central Carolina	398,976	78.0	-	1.0	4.3	7.3	4.6	0.1	4.6	0.1
Central Piedmont	1,346,953	70.0	-	2.2	5.8	7.5	8.7	3.2	1.1	1.5
Cleveland	208,136	71.4	-	1.9	11.2	5.8	8.5	1.1	-	0.1
Coastal Carolina	221,248	74.7	-	0.1	11.1	6.1	6.0	2.1	-	0.0
Coll. of Albemarle	268,273	68.9	-	8.9	6.2	6.5	8.0	1.4	0.0	0.1
Craven	211,127	68.9	-	3.1	9.6	4.4	8.5	0.6	4.8	0.0
Davidson County	310,482	61.3	-	2.6	10.5	6.6	13.6	3.7	1.8	0.0
Durham	343,079	63.5	-	-	9.6	4.3	8.1	11.9	2.6	0.0
Edgecombe	169,774	58.0	-	12.6	8.7	8.5	7.0	1.3	4.0	0.0
Fayetteville	632,069	67.1	-	1.2	9.8	8.6	10.8	2.4	0.1	0.0
Forsyth	668,782	68.5	-	1.2	7.6	7.0	7.9	1.7	2.9	3.0
Gaston	476,877	68.9	3.1	-	6.2	8.7	7.5	0.6	4.9	0.1
Guilford	1,187,991	52.0	-	1.5	5.4	5.1	5.9	1.8	0.8	27.5
Halifax	187,362	54.1	-	13.9	8.2	9.0	8.8	2.4	3.5	0.0

Table 14. Percentage Distribution of Assignable Area by Summary Programs

	Assignable Sq. Ft.	Instruction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Unassigned 00
Haywood	240,434	63.9	-	0.9	7.1	10.3	11.8	4.0	2.0	0.0
Isothermal	242,357	65.5	-	9.4	6.9	5.6	7.5	3.1	2.2	0.0
James Sprunt	117,343	61.1	-	2.9	13.5	9.8	8.3	3.4	-	1.1
Johnston	327,530	62.5	-	0.4	10.3	13.7	9.4	3.4	0.4	0.0
Lenoir	320,365	66.2	-	1.4	6.9	9.3	6.3	2.7	7.2	0.0
Martin	170,782	45.1	-	1.4	7.9	38.7	3.8	2.3	0.6	0.0
Mayland	113,860	59.1	-	1.9	9.8	10.4	8.1	3.7	6.8	0.2
McDowell	153,130	70.0	-	1.3	5.0	5.5	9.9	3.8	4.3	0.2
Mitchell	268,682	60.6	-	0.1	6.6	15.5	10.2	1.3	1.9	3.8
Montgomery	92,469	65.4	-	0.3	9.3	11.1	9.1	2.3	2.5	0.0
Nash	175,759	68.4	-	0.3	7.4	7.9	6.5	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	145,573	58.7	-	4.2	6.6	14.0	13.1	3.2	0.2	0.0
Pitt	378,859	70.8	-	-	9.0	8.5	6.6	4.6	0.0	0.6
Randolph	296,388	64.3	-	-	3.7	8.5	15.7	0.4	6.3	1.1
Richmond	177,758	58.7	-	17.2	8.0	6.0	8.0	0.7	1.4	0.0
Roanoke-Chowan	117,493	42.0	-	2.3	9.6	14.2	8.7	3.6	19.6	0.0
Robeson	201,239	61.4	-	0.2	6.7	12.7	9.5	1.1	7.0	1.4
Rockingham	230,853	66.6	-	1.4	7.4	9.3	7.6	0.8	4.8	2.2
Rowan-Cabarrus	378,894	57.0	-	2.3	9.9	9.9	6.9	3.4	1.5	9.1
Sampson	139,057	64.0	-	0.9	10.1	9.0	7.4	2.2	6.3	0.0
Sandhills	327,042	71.0	-	-	7.5	13.2	6.7	0.3	1.3	0.0
South Piedmont	328,178	38.4	-	4.2	3.9	8.1	6.7	1.0	7.3	30.5
Southeastern	183,581	62.7	-	1.6	9.4	9.6	6.9	1.4	1.2	7.3
Southwestern	203,425	61.7	-	2.5	9.4	11.8	9.5	1.5	2.3	1.4
Stanly	152,384	64.2	-	0.5	6.4	9.8	11.8	2.9	4.4	0.0
Surry	312,069	76.1	-	0.1	7.7	6.3	5.2	1.3	3.2	0.0
Tri-County	117,427	71.8	-	0.1	8.6	7.9	11.4	0.2	-	0.0
Vance-Granville	264,141	55.8	-	8.2	8.4	8.7	7.8	1.0	2.9	7.3
Wake	881,238	66.4	-	-	6.4	8.2	7.4	2.3	1.3	8.0
Wayne	262,254	61.8	-	1.9	11.3	9.8	6.1	4.5	4.6	0.0
Western Piedmont	288,461	54.9	-	-	8.0	8.2	7.1	2.5	1.9	17.4
Wilkes	313,434	55.5	-	0.1	7.6	18.8	5.9	6.7	5.1	0.4
Wilson	143,540	66.0	-	0.4	7.1	8.6	16.0	1.9	-	0.0
Subtotal	***17,855,634***	***63.8***	***0.1***	***1.8***	***7.3***	***9.0***	***8.0***	***2.5***	***3.4***	***4.1***
				Private Institutions						
NC Private Universities										
Barton	350,454	32.7	-	-	8.8	45.4	11.1	1.6	-	0.4
Campbell	1,127,462	27.7	1.1	-	6.3	55.4	5.8	2.3	1.3	0.1
Mars Hill	543,596	29.1	-	1.3	7.2	52.1	6.0	1.8	0.1	2.4
Pfeiffer	373,986	27.8	-	0.4	6.9	42.6	11.6	2.1	-	8.6
Subtotal	***2,395,498***	***28.8***	***0.5***	***0.4***	***7.0***	***51.2***	***7.5***	***2.0***	***0.6***	***2.0***
Grand Total	***68,212,472***	***34.3***	***8.2***	***4.0***	***8.2***	***31.3***	***6.6***	***2.1***	***1.6***	***3.7***

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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	18.2	-	-	0.2	-	-	-	-
NC State Veterinary Med	23.1	-	-	-	-	-	-	-
UNC-Chapel Hill	20.6	-	-	0.5	0.3	-	-	-
UNC-Chapel Hill Hlth Aff.	23.1	-	0.0	0.1	0.3	-	-	-
Subtotal	***19.9***	***-***	***0.0***	***0.3***	***0.1***	***-***	***-***	***-***
Doctoral Universities I and II								
East Carolina	29.7	-	0.0	-	-	-	-	-
East Carolina Hlth Aff.	26.1	-	0.0	-	0.1	-	-	-
NC A&T	34.2	-	-	-	-	-	-	-
UNC Charlotte	22.9	-	-	-	-	-	-	-
UNC Greensboro	22.2	-	0.0	-	0.0	-	-	-
Subtotal	***26.5***	***-***	***0.0***	***-***	***0.0***	***-***	***-***	***-***
Master's (Comprehensive) Universities and Colleges I								
Appalachian	27.4	-	-	-	-	-	-	-
Fayetteville	33.7	-	-	0.3	-	-	-	-
NC Central	35.2	-	-	-	-	-	-	-
UNC Pembroke	27.6	-	-	-	-	-	-	-
UNC Wilmington	20.4	-	-	0.0	-	-	-	-
Western Carolina	23.5	-	-	0.2	-	-	-	0.3
Winston-Salem	21.5	-	0.2	-	-	-	-	-
Subtotal	***26.2***	***-***	***0.0***	***0.0***	***-***	***-***	***-***	***0.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	31.7	-	0.3	0.2	-	-	-	-
UNC Asheville	23.4	-	-	0.3	-	-	-	0.1
Subtotal	***27.4***	***-***	***0.2***	***0.2***	***-***	***-***	***-***	***0.1***
Schools of Art, Music, and Design								
UNC School of the Arts	41.7	-	-	-	-	-	-	-
Subtotal	***41.7***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Teaching Hospitals								
UNC Hospitals	0.5	-	-	0.5	-	-	-	-
Subtotal	***0.5***	***-***	***-***	***0.5***	***-***	***-***	***-***	***-***
Community Colleges								
Alamance	10.4	47.8	-	8.1	6.5	0.1	-	-
Asheville-Buncombe	13.3	39.8	1.3	4.0	6.2	-	-	0.9
Beaufort Co.	2.0	50.7	1.6	1.0	11.1	-	-	-
Bladen	24.2	38.1	-	0.6	0.6	-	-	-
Blue Ridge	18.7	39.4	0.7	1.2	3.7	-	-	0.0
Brunswick	0.3	29.1	-	9.3	1.3	-	-	0.6
Caldwell	12.6	41.5	1.4	10.5	1.9	-	-	-
Cape Fear	13.1	46.7	0.1	3.3	2.2	-	-	-
Carteret	4.6	66.9	0.1	1.7	0.8	-	-	0.6
Catawba Valley	19.1	36.6	2.7	2.3	4.1	-	-	0.3
Central Carolina	5.3	61.7	4.0	4.8	2.3	-	-	-
Central Piedmont	24.4	35.4	0.4	3.8	6.0	-	-	-
Cleveland	10.5	57.4	-	1.9	0.6	-	1.1	-
Coastal Carolina	26.5	38.9	0.9	1.7	6.7	-	-	-
Coll. of Albemarle	24.7	30.6	0.3	6.5	6.7	-	-	-
Craven	20.4	41.0	2.0	1.7	3.9	-	-	-
Davidson County	23.8	32.0	2.3	1.6	1.5	-	0.1	-
Durham	1.5	54.0	0.8	6.0	1.2	-	-	-
Edgecombe	2.8	46.4	0.1	4.7	3.9	0.1	-	-
Fayetteville	3.7	47.4	-	6.8	8.6	-	0.6	0.1
Forsyth	12.9	48.8	1.3	1.0	2.4	-	0.2	2.0
Gaston	21.2	34.8	1.0	6.2	5.5	0.1	-	-

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
Guilford	4.7	38.8	1.5	3.0	3.8	-	-	0.1
Halifax	12.5	39.7	0.0	1.5	0.4	-	-	-
Haywood	0.1	54.9	0.1	1.0	4.6	-	-	3.2
Isothermal	22.2	31.6	0.9	8.7	1.3	-	-	0.8
James Sprunt	13.4	37.3	0.5	6.7	3.1	-	-	-
Johnston	-	54.5	0.5	1.5	5.5	-	0.4	-
Lenoir	15.4	33.7	3.2	11.8	1.0	-	-	1.1
Martin	8.1	26.5	2.1	4.1	3.4	-	-	0.9
Mayland	6.3	40.4	1.3	5.7	5.4	-	-	-
McDowell	5.5	57.6	0.4	2.8	3.6	-	-	-
Mitchell	28.9	17.0	0.1	10.8	3.4	-	-	0.3
Montgomery	10.2	49.0	3.6	-	2.6	-	-	-
Nash	18.2	35.0	-	1.0	13.0	1.2	-	-
Pamlico	16.3	39.8	-	2.6	8.4	-	-	-
Piedmont	3.4	46.1	1.4	5.5	2.4	-	-	-
Pitt	17.4	45.9	1.4	2.8	2.5	0.7	-	0.1
Randolph	4.3	45.3	0.2	7.4	7.1	-	-	-
Richmond	3.5	46.8	0.1	8.0	0.3	-	-	-
Roanoke-Chowan	8.2	25.8	2.6	0.9	4.0	0.5	-	-
Robeson	10.2	39.3	0.1	6.4	5.5	-	-	-
Rockingham	26.0	33.6	1.4	0.2	5.3	-	-	-
Rowan-Cabarrus	7.1	42.1	1.0	3.4	3.3	-	-	0.2
Sampson	0.6	54.1	1.8	3.9	1.7	0.8	1.1	0.1
Sandhills	28.8	28.6	1.1	2.4	10.1	-	-	-
South Piedmont	4.5	28.4	2.2	2.4	1.0	-	-	-
Southeastern	19.7	25.9	5.4	1.5	10.3	-	-	-
Southwestern	19.2	29.4	1.8	1.1	9.8	-	-	0.4
Stanly	0.0	47.8	1.2	6.5	8.6	-	-	-
Surry	21.3	34.1	0.3	3.7	16.8	-	-	-
Tri-County	12.6	52.6	1.3	0.8	3.8	-	0.0	0.6
Vance-Granville	17.8	29.2	1.5	5.3	0.5	0.4	-	1.1
Wake	18.4	35.7	-	5.7	6.3	-	-	0.2
Wayne	9.1	44.9	1.0	6.9	-	-	-	-
Western Piedmont	22.7	19.6	-	12.1	0.5	-	-	-
Wilkes	16.4	33.1	-	3.7	2.2	-	-	-
Wilson	5.3	42.4	9.7	3.4	5.3	-	-	-
Subtotal	***13.5***	***40.1***	***1.1***	***4.4***	***4.5***	***0.0***	***0.1***	***0.3***
			Private Institutions					
NC Private Universities								
Barton	32.7	-	-	-	-	-	-	-
Campbell	27.7	-	-	-	-	-	-	-
Mars Hill	29.1	-	-	-	-	-	-	-
Pfeiffer	27.8	-	-	-	-	-	-	-
Subtotal	***28.8***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Grand Total	***20.9***	***10.5***	***0.3***	***1.2***	***1.2***	***0.0***	***0.0***	***0.1***

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

	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
			Public Institutions				
Research Universities I							
NC State	5.9	23.0	-	0.0	2.0	1.8	0.0
NC State Veterinary Med	-	32.6	16.4	12.9	-	0.1	-
UNC-Chapel Hill	0.3	7.1	0.0	0.1	0.4	0.0	0.1
UNC-Chapel Hill Hlth Aff.	1.5	43.4	4.0	5.0	0.3	0.1	-
Subtotal	***3.0***	***20.1***	***0.9***	***1.0***	***1.1***	***0.8***	***0.1***
Doctoral Universities I and II							
East Carolina	1.4	1.2	-	0.1	0.5	-	0.0
East Carolina Hlth Aff.	-	19.6	22.0	12.5	0.7	-	-
NC A&T	2.4	5.5	-	-	0.3	0.7	0.1
UNC Charlotte	2.9	4.5	-	-	0.2	-	-
UNC Greensboro	-	5.6	0.3	-	0.2	-	-
Subtotal	***1.6***	***5.1***	***1.5***	***0.9***	***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	2.6	2.6	-	-	1.0	-	-
Western Carolina	0.8	0.7	-	-	0.2	-	0.0
Winston-Salem	-	1.6	-	-	0.9	-	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	-	-	1.8	-	0.3
UNC Asheville	0.3	1.3	-	-	1.2	-	-
Subtotal	***0.2***	***0.8***	***-***	***-***	***1.5***	***-***	***0.2***
Schools of Art, Music, and Design							
UNC School of the Arts	-	-	-	-	3.4	-	-
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	-	-	-	-	0.3	-	-
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	-	-	-	-	-	-	2.2
Cleveland	-	-	-	-	1.9	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
Coll. of Albemarle	-	-	-	-	8.9	-	-
Craven	-	-	-	-	1.8	-	1.3
Davidson County	-	-	-	-	2.6	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	12.6	-	-
Fayetteville	-	-	-	-	1.2	-	-
Forsyth	-	-	-	-	0.6	-	0.6
Gaston	-	3.1	-	-	-	-	-

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
Guilford	-	-	-	-	1.5	-	-
Halifax	-	-	-	-	13.9	-	-
Haywood	-	-	-	-	0.9	-	-
Isothermal	-	-	-	-	8.1	-	1.2
James Sprunt	-	-	-	-	2.9	-	-
Johnston	-	-	-	-	0.4	-	-
Lenoir	-	-	-	-	1.4	-	-
Martin	-	-	-	-	1.4	-	-
Mayland	-	-	-	-	1.9	-	-
McDowell	-	-	-	-	1.3	-	-
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	-	-	-	-	4.2	-	-
Southeastern	-	-	-	-	0.9	-	0.7
Southwestern	-	-	-	-	2.5	-	-
Stanly	-	-	-	-	0.5	-	-
Surry	-	-	-	0.1	-	-	-
Tri-County	-	-	-	-	0.1	-	-
Vance-Granville	-	-	-	1.4	6.8	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	1.9	-	-
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	***1.3***	***6.9***	***1.2***	***1.4***	***1.0***	***0.3***	***0.1***

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

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

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

41 **Library Services**. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 **Museums and Galleries**. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental exhibit areas are included under the appropriate Instruction Subprogram.

43 **Educational Media Services**. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 **Academic Computer Support**. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 **Ancillary Support**. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 **Academic Administration**. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 **Course and Curriculum Development**. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 **Academic Personnel Development**. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b. Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
				Public Institutions				
Research Universities I								
NC State	3.8	0.1	0.4	0.4	0.1	2.3	-	0.0
NC State Veterinary Med	2.9	-	1.0	0.4	0.0	2.6	-	-
UNC-Chapel Hill	8.4	0.5	0.1	0.4	0.1	1.4	0.0	0.2
UNC-Chapel Hill Hlth Aff.	2.3	0.0	0.0	0.1	2.1	3.6	0.0	0.0
Subtotal	***5.3***	***0.2***	***0.2***	***0.4***	***0.4***	***2.1***	***0.0***	***0.1***
Doctoral Universities I and II								
East Carolina	5.6	0.2	0.1	0.0	0.0	0.6	-	-
East Carolina Hlth Aff.	8.4	-	0.5	-	0.2	2.6	-	-
NC A&T	5.1	0.7	0.1	0.3	3.8	3.2	-	-
UNC Charlotte	5.7	0.1	0.3	0.4	0.0	3.6	0.0	-
UNC Greensboro	4.2	0.9	0.4	0.3	0.6	4.0	-	0.0
Subtotal	***5.4***	***0.4***	***0.2***	***0.2***	***0.8***	***2.8***	***0.0***	***0.0***
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3.7	-	0.3	0.3	0.3	0.9	-	-
Fayetteville	7.3	0.2	0.5	0.7	0.7	1.6	-	-
NC Central	4.3	0.3	0.1	0.4	0.5	1.8	-	0.2
UNC Pembroke	3.6	0.7	0.2	0.3	-	4.5	-	0.0
UNC Wilmington	5.0	0.2	-	0.6	-	1.9	-	0.0
Western Carolina	5.8	0.9	0.1	0.1	0.6	2.5	-	0.2
Winston-Salem	3.6	1.0	0.2	0.4	0.2	2.7	-	-
Subtotal	***4.7***	***0.4***	***0.2***	***0.4***	***0.3***	***2.1***	***-***	***0.1***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	4.1	0.1	-	0.4	0.4	0.7	-	-
UNC Asheville	7.6	0.4	0.9	1.1	-	0.4	-	0.1
Subtotal	***5.9***	***0.2***	***0.4***	***0.7***	***0.2***	***0.5***	***-***	***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	-	-	-	-	2.8	-	-
Blue Ridge	4.1	0.0	0.7	-	-	1.2	-	0.4
Brunswick	2.4	-	0.3	0.2	-	0.6	-	-
Caldwell	3.7	-	0.7	-	-	1.2	-	-
Cape Fear	4.9	0.0	0.5	0.0	0.9	0.8	-	-
Carteret	3.8	-	-	-	1.6	1.8	-	-
Catawba Valley	4.9	0.1	0.8	0.2	-	1.8	-	-
Central Carolina	3.6	-	0.2	-	0.2	0.4	-	-
Central Piedmont	4.2	0.1	0.3	0.1	-	0.7	0.1	0.4
Cleveland	6.9	-	3.0	-	-	1.3	-	-
Coastal Carolina	7.4	-	0.1	0.1	-	3.4	-	-
Coll. of Albemarle	4.4	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	-	-
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	2.5	-	0.2	0.0	1.5	1.1	-	-

Table 14b. Academic Support Subprograms

	Library Services	Museums & Galleries	Educational & Media Services	Academic Computing Support	Ancillary Support	Academic Admin.	Course & Curriculum Dev.	Academic Personnel Dev.
	41	**42**	**43**	**44**	**45**	**46**	**47**	**48**
Halifax	5.4	-	-	-	1.6	1.2	-	-
Haywood	5.9	0.2	0.0	0.1	-	1.0	-	-
Isothermal	4.4	-	-	-	-	2.5	-	-
James Sprunt	6.6	0.5	0.1	2.6	-	3.6	-	0.1
Johnston	4.3	0.9	0.7	-	1.4	0.8	-	2.2
Lenoir	4.5	0.9	0.1	0.0	-	1.4	-	-
Martin	6.0	-	-	-	-	1.9	-	-
Mayland	7.4	-	0.6	-	-	1.8	-	-
McDowell	3.3	0.3	-	-	-	1.3	-	-
Mitchell	3.2	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	4.3	-	0.3	0.1	0.3	1.5	-	-
Pitt	5.7	-	0.1	0.1	-	3.1	-	-
Randolph	2.6	-	0.2	0.1	-	0.8	-	-
Richmond	6.0	-	0.7	0.4	-	0.9	-	-
Roanoke-Chowan	8.0	-	-	-	-	1.6	-	-
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	1.3	0.2	0.0
Sampson	8.8	-	-	0.1	-	1.2	-	-
Sandhills	5.7	0.4	0.6	-	0.5	0.4	-	-
South Piedmont	2.8	-	0.4	-	-	0.7	-	-
Southeastern	5.7	0.2	1.0	0.4	1.6	0.7	-	-
Southwestern	4.4	-	0.4	0.4	1.4	2.8	-	-
Stanly	4.8	-	1.1	0.1	-	0.5	-	-
Surry	7.2	-	0.0	0.1	-	0.4	-	-
Tri-County	5.1	-	-	0.1	2.4	1.1	-	-
Vance-Granville	4.0	-	-	-	2.3	2.1	-	-
Wake	4.3	-	0.5	-	1.1	0.4	-	-
Wayne	6.8	-	1.1	0.6	1.3	1.4	0.1	-
Western Piedmont	5.2	-	0.2	0.1	-	2.6	-	-
Wilkes	5.7	0.1	0.1	-	1.0	0.7	-	-
Wilson	4.8	-	0.2	-	-	2.1	-	-
Subtotal	***4.6***	***0.1***	***0.4***	***0.1***	***0.5***	***1.4***	***0.0***	***0.1***
			Private Institutions					
NC Private Universities								
Barton	6.9	0.7	0.4	-	-	0.7	-	-
Campbell	4.3	0.4	0.5	0.1	0.1	1.0	0.0	0.0
Mars Hill	4.7	0.8	1.1	-	-	0.5	-	-
Pfeiffer	6.0	-	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	***4.9***	***0.3***	***0.3***	***0.3***	***0.5***	***1.9***	***0.0***	***0.1***

TABLE 14c:

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

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

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

51 **Student Service Administration**. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 **Social and Cultural Development**. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 **Counseling and Career Guidance**. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 **Financial Aid Administration**. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 **Student Auxiliary Services**. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

5**6** **Intercollegiate Athletics**. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 **Student Health/Medical Services**. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 **Physical Plant Administration**. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 **Building Maintenance**. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 **Custodial Services**. This subprogram consists of those activities related to custodial services in institutional buildings.

74 **Utilities**. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 **Landscape and Ground Maintenance**. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 **Major Repairs and Renovations**. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Table 14c. Student Service and Physical Plant Operations Subprograms

	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter-coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
					Public Institutions							
Research Universities I												
NC State	0.2	2.2	0.2	0.1	22.4	4.2	0.4	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	3.0	0.3	0.1	32.7	10.5	0.5	0.3	0.8	0.4	1.0	0.5
UNC-Chapel Hill Hlth Aff.	0.3	0.0	0.0	0.0	0.4	-	-	-	0.1	0.1	0.1	0.0
Subtotal	***0.3***	***2.2***	***0.2***	***0.1***	***22.8***	***5.9***	***0.4***	***0.1***	***0.6***	***0.2***	***0.5***	***0.4***
Doctoral Universities I and II												
East Carolina	0.1	7.4	0.1	0.1	27.9	4.7	0.3	0.3	1.8	0.1	0.0	0.6
East Carolina Hlth Aff.	-	-	-	0.0	0.1	-	-	-	-	0.1	2.2	-
NC A&T	0.2	3.1	0.5	0.3	23.9	2.2	0.3	0.3	0.8	0.0	0.2	0.0
UNC Charlotte	1.4	3.6	0.2	-	36.8	4.0	0.5	0.2	0.5	0.1	0.0	-
UNC Greensboro	0.2	3.0	0.3	0.2	44.3	2.1	0.8	0.2	0.9	0.0	0.8	0.3
Subtotal	***0.5***	***4.1***	***0.2***	***0.1***	***31.7***	***3.2***	***0.4***	***0.2***	***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	6.9	0.5	0.0	28.8	3.4	0.5	0.3	0.2	0.1	0.2	0.5
NC Central	0.6	3.4	0.8	0.3	27.9	2.7	0.3	0.2	0.3	0.0	0.0	0.1
UNC Pembroke	0.5	5.6	0.3	0.4	43.4	2.1	0.3	0.6	0.7	0.3	0.2	0.1
UNC Wilmington	0.7	6.4	0.3	-	43.9	4.2	0.4	0.3	0.2	0.2	0.2	0.2
Western Carolina	0.1	10.1	0.5	0.1	36.8	3.3	0.3	2.3	0.4	0.0	0.1	0.1
Winston-Salem	1.8	8.7	0.3	0.2	41.2	3.4	0.7	0.2	0.4	0.3	0.1	0.1
Subtotal	***0.5***	***7.9***	***0.4***	***0.2***	***37.6***	***3.7***	***0.4***	***0.7***	***0.5***	***0.1***	***0.2***	***0.1***
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.5	5.4	0.5	0.2	40.8	1.7	0.9	0.5	0.4	-	0.1	-
UNC Asheville	0.3	10.9	0.3	0.2	32.8	7.0	0.7	0.0	2.3	0.3	2.2	-
Subtotal	***0.4***	***8.2***	***0.4***	***0.2***	***36.7***	***4.4***	***0.8***	***0.3***	***1.3***	***0.1***	***1.2***	***-***
Schools of Art, Music, and Design												
UNC School of the Arts	0.1	9.9	0.2	0.4	23.1	-	0.6	0.6	1.3	0.3	-	0.8
Subtotal	***0.1***	***9.9***	***0.2***	***0.4***	***23.1***	***-***	***0.6***	***0.6***	***1.3***	***0.3***	***-***	***0.8***
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	1.4	0.5	-	-
Subtotal	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***1.4***	***0.5***	***-***	***-***
Community Colleges												
Alamance	0.1	2.2	0.2	0.5	4.3	-	-	-	1.6	-	-	-
Asheville-Buncombe	0.9	0.8	0.7	0.5	3.3	-	-	0.6	0.2	0.5	-	0.0
Beaufort Co.	1.2	1.4	0.8	0.5	4.4	-	-	-	3.3	-	-	-
Bladen	1.1	7.8	-	0.4	3.7	-	-	-	3.2	0.5	0.2	1.7
Blue Ridge	0.3	9.6	1.4	-	3.8	-	-	-	2.2	0.3	-	1.0
Brunswick	0.4	0.7	0.1	0.3	5.4	-	0.0	-	2.4	0.2	-	0.1
Caldwell	0.0	7.3	1.2	0.1	2.7	-	-	0.0	4.1	-	-	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	2.6	-	-	0.7	-	0.1	-	0.1
Catawba Valley	0.0	3.0	1.1	0.0	2.6	6.1	-	-	-	-	-	-
Central Carolina	0.4	2.0	0.4	0.0	4.5	-	-	-	-	0.1	-	-
Central Piedmont	1.4	3.2	0.4	0.5	1.9	-	-	0.2	2.5	0.2	-	0.4
Cleveland	0.3	3.1	-	0.4	2.1	-	-	0.1	1.0	0.1	-	-
Coastal Carolina	0.1	1.3	1.0	0.1	3.5	-	-	0.3	1.7	0.1	-	-
Coll. of Albemarle	1.8	2.2	0.4	0.8	1.3	-	-	-	1.2	-	0.2	-
Craven	0.1	2.1	0.4	-	1.8	-	-	-	0.4	0.3	-	-
Davidson County	0.2	0.6	1.5	-	4.3	-	-	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
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	0.5	0.4	3.1	-	0.0	-	0.3	0.1	0.0	0.2
Guilford	0.1	1.7	0.6	0.1	2.5	0.0	-	0.2	0.9	0.3	0.1	0.3

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
Halifax	0.4	2.7	0.7	0.7	4.5	-	-	0.1	2.4	-	-	-
Haywood	0.2	5.9	0.4	0.3	3.6	-	-	1.0	1.6	0.2	-	1.2
Isothermal	0.1	2.8	0.7	0.1	1.9	-	-	0.3	2.1	0.4	0.3	-
James Sprunt	1.2	2.1	2.2	1.1	3.2	-	-	-	3.3	0.1	-	-
Johnston	1.0	5.4	1.2	0.7	5.3	-	-	0.1	2.2	0.2	-	0.9
Lenoir	-	6.3	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	8.1	-	-	-	3.6	0.1	-	-
McDowell	0.3	-	1.0	0.1	4.1	-	-	-	2.2	-	-	1.6
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	3.8	0.7	2.7	0.2	6.6	-	-	-	2.4	0.1	-	0.8
Pitt	0.9	4.1	1.1	0.1	2.1	0.1	-	4.6	-	-	-	-
Randolph	0.8	1.3	1.0	0.6	4.9	-	-	0.2	0.0	0.2	-	-
Richmond	0.3	2.9	1.2	0.1	1.5	-	0.1	-	0.6	0.1	-	-
Roanoke-Chowan	-	10.1	1.7	0.2	2.2	-	-	-	-	-	-	3.6
Robeson	0.3	6.4	1.2	0.7	4.1	-	-	0.2	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	5.3	-	-	0.1	2.8	0.1	0.3	-
Sampson	0.1	3.1	1.0	0.1	4.7	-	-	0.1	2.1	-	-	-
Sandhills	0.1	4.9	1.0	0.3	6.9	-	-	-	-	0.1	-	0.3
South Piedmont	0.6	4.1	0.7	0.1	2.5	-	-	0.0	0.9	0.1	0.1	-
Southeastern	-	2.3	4.0	0.3	3.0	-	-	0.3	1.0	-	-	-
Southwestern	0.2	6.9	1.6	0.6	2.6	-	-	-	1.4	0.0	-	-
Stanly	1.1	2.8	0.9	0.5	4.6	-	-	0.1	2.8	-	-	-
Surry	1.1	0.8	0.2	0.3	3.7	0.1	-	0.0	1.3	-	-	-
Tri-County	0.5	4.4	0.9	0.3	1.8	-	-	-	-	-	0.2	-
Vance-Granville	1.1	-	2.8	0.6	4.1	0.1	-	0.4	0.5	-	-	-
Wake	0.5	1.4	1.7	0.3	4.2	0.1	-	0.4	1.9	-	-	-
Wayne	0.3	4.2	0.6	0.6	4.2	-	0.0	-	4.5	-	0.0	-
Western Piedmont	1.1	1.7	0.5	0.2	4.5	0.2	-	0.1	1.1	0.4	0.0	0.9
Wilkes	0.2	15.6	1.2	0.3	1.5	-	-	2.1	0.5	0.3	-	3.7
Wilson	0.3	3.8	1.0	0.7	2.8	-	-	0.3	1.5	0.2	-	-
Subtotal	***0.7***	***3.4***	***1.0***	***0.3***	***3.4***	***0.2***	***0.0***	***0.3***	***1.7***	***0.2***	***0.1***	***0.3***
					Private Institutions							
NC Private Universities												
Barton	0.6	5.5	0.5	0.3	33.8	4.2	0.5	0.4	0.8	0.1	-	0.4
Campbell	0.3	4.1	0.4	0.2	40.9	9.3	0.2	0.1	2.0	0.1	-	0.1
Mars Hill	0.0	11.9	0.0	0.1	37.2	2.2	0.5	0.4	1.3	-	-	-
Pfeiffer	0.1	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***	***37.5***	***6.0***	***0.3***	***0.2***	***1.7***	***0.1***	***-***	***0.1***
Grand Total	***0.5***	***4.2***	***0.5***	***0.2***	***22.4***	***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 Inst. 91	Ind. Operations Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Public Institutions												
Research Universities I												
NC State	0.3	0.2	2.3	1.2	1.0	0.7	0.1	0.0	0.0	1.5	0.8	2.6
NC State Veterinary Med	-	-	0.1	0.2	0.3	-	-	-	-	0.7	-	-
UNC-Chapel Hill	0.3	0.6	2.4	1.4	0.3	0.7	0.2	0.0	0.3	0.5	1.2	0.6
UNC-Chapel Hill Hlth Aff.	0.1	0.3	1.4	0.2	0.1	0.0	0.0	0.0	0.8	1.1	5.6	3.5
Subtotal	***0.3***	***0.4***	***2.1***	***1.1***	***0.6***	***0.6***	***0.1***	***0.0***	***0.3***	***1.1***	***1.6***	***1.9***
Doctoral Universities I and II												
East Carolina	0.8	2.5	2.0	1.2	0.3	0.5	0.1	0.1	-	1.4	0.2	7.7
East Carolina Hlth Aff.	1.9	0.2	0.2	0.5	-	0.7	-	0.1	-	-	0.7	0.6
NC A&T	0.5	0.5	8.4	0.8	0.5	0.4	0.2	0.1	-	0.0	0.1	0.4
UNC Charlotte	0.5	0.5	1.5	0.5	0.3	0.4	0.2	0.1	-	-	0.1	8.2
UNC Greensboro	0.4	0.3	3.8	1.2	0.5	0.8	0.2	0.1	0.1	0.3	0.2	0.1
Subtotal	***0.7***	***0.9***	***3.3***	***0.9***	***0.3***	***0.5***	***0.2***	***0.1***	***0.0***	***0.4***	***0.2***	***4.3***
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	1.4	0.1	0.9	0.3	0.1	0.1	0.3	1.0	4.8	0.1
NC Central	0.7	0.4	2.9	0.7	0.8	0.6	0.3	0.1	0.2	1.1	1.2	8.4
UNC Pembroke	0.5	0.5	4.7	0.1	1.1	0.6	0.2	0.2	-	-	0.2	-
UNC Wilmington	0.6	0.6	3.3	0.7	0.6	0.7	0.4	0.3	-	-	0.5	1.0
Western Carolina	0.5	0.4	0.8	0.6	3.1	0.9	0.3	0.3	0.5	0.5	0.0	2.2
Winston-Salem	0.7	0.9	1.8	0.5	1.8	0.6	0.2	0.1	0.6	0.2	0.9	2.2
Subtotal	***0.6***	***0.5***	***2.4***	***0.5***	***1.2***	***0.6***	***0.3***	***0.2***	***0.7***	***0.4***	***0.7***	***2.1***
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.7	0.5	1.4	0.9	1.6	0.2	0.2	0.2	-	-	0.2	2.9
UNC Asheville	0.7	0.6	0.4	0.0	0.9	0.8	0.5	0.2	0.1	1.6	-	0.5
Subtotal	***0.7***	***0.6***	***0.9***	***0.4***	***1.2***	***0.5***	***0.3***	***0.2***	***0.0***	***0.8***	***0.1***	***1.7***
Schools of Art, Music, and Design												
UNC School of the Arts	0.4	0.2	1.7	0.4	1.8	1.4	0.3	0.3	0.3	-	3.8	2.7
Subtotal	***0.4***	***0.2***	***1.7***	***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	1.0	1.5	2.0	1.2	0.4	0.2	0.5	0.6	-	8.3	2.4	1.1
Beaufort Co.	1.5	1.7	3.1	0.3	0.9	1.0	0.4	0.3	-	2.8	-	-
Bladen	0.9	0.9	4.8	0.4	0.6	0.1	-	0.9	-	-	-	-
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	7.5	0.0	6.4
Caldwell	1.4	0.7	1.0	0.4	0.1	0.1	0.4	0.1	-	6.5	0.1	-
Cape Fear	2.3	2.0	2.7	0.6	0.6	0.6	0.6	0.3	-	4.1	-	0.5
Carteret	2.8	0.5	4.0	0.8	0.4	0.3	0.1	0.1	-	1.0	-	-
Catawba Valley	1.6	0.7	1.7	0.6	-	0.2	0.2	0.4	-	5.7	1.3	2.0
Central Carolina	2.0	0.4	1.0	0.5	0.4	0.1	0.0	0.3	4.6	-	0.1	-
Central Piedmont	0.6	0.9	2.8	2.8	0.0	0.7	0.7	0.3	0.1	1.0	0.1	1.4
Cleveland	1.1	2.1	2.9	0.2	1.1	0.9	0.0	0.2	-	-	0.1	-
Coastal Carolina	0.4	0.8	3.7	0.6	0.2	0.1	-	0.2	-	-	-	-
Coll. of Albemarle	1.1	1.0	3.1	0.9	0.8	0.5	0.5	0.1	-	0.0	0.1	-
Craven	1.6	1.3	2.2	0.8	-	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	-	-
Forsyth	1.3	0.9	3.1	0.9	0.7	0.3	0.5	0.3	-	2.9	1.8	1.2
Gaston	0.5	0.6	4.0	1.1	0.7	0.0	0.4	0.3	-	4.9	0.1	-

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

									Ind. Operations		Unassigned	
	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Guilford	0.4	0.9	3.5	0.5	0.2	0.0	0.2	0.1	-	0.8	21.3	6.2
Halifax	0.9	1.6	3.6	0.9	0.4	0.2	0.8	0.5	-	3.5	-	-
Haywood	0.7	0.8	2.1	1.9	5.0	0.2	0.9	0.2	-	2.0	-	-
Isothermal	1.0	0.8	4.6	0.5	0.1	-	0.1	0.4	-	2.2	-	-
James Sprunt	1.3	3.5	0.4	1.7	0.3	0.7	-	0.3	-	-	1.1	-
Johnston	1.0	1.4	4.2	0.8	1.0	0.6	0.2	0.3	-	0.4	-	-
Lenoir	0.7	1.1	1.1	0.8	0.6	0.2	1.5	0.3	-	7.2	-	-
Martin	0.8	0.7	1.2	0.5	0.4	0.1	0.1	-	-	0.6	-	-
Mayland	2.2	0.6	2.5	1.1	0.5	0.3	0.5	0.3	-	6.8	-	0.2
McDowell	0.5	0.8	5.5	1.3	1.5	0.1	-	0.2	-	4.3	0.2	-
Mitchell	2.4	1.8	2.9	1.7	0.8	-	0.6	-	-	1.9	1.0	2.7
Montgomery	4.7	1.1	1.3	1.2	-	0.3	0.1	0.3	-	2.5	-	-
Nash	0.9	0.6	3.0	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	7.0	0.5	1.8	0.2	0.0	0.3	-	0.2	-	-
Pitt	0.6	0.8	2.6	1.0	0.4	0.6	0.1	0.4	-	0.0	0.6	-
Randolph	0.4	0.6	13.1	0.7	0.4	0.4	-	0.0	1.3	5.1	-	1.1
Richmond	2.7	0.7	3.2	0.1	0.4	0.3	0.1	0.5	-	1.4	-	-
Roanoke-Chowan	1.2	1.1	4.6	0.9	-	-	0.6	0.4	-	19.6	-	-
Robeson	1.5	0.7	3.7	1.2	0.5	-	1.3	0.7	0.2	6.7	0.6	0.8
Rockingham	1.0	0.8	2.3	1.0	1.2	0.3	0.5	0.4	-	4.8	2.2	-
Rowan-Cabarrus	3.3	0.1	1.9	0.9	0.4	0.0	0.1	0.3	-	1.5	0.8	8.3
Sampson	1.7	1.5	2.4	0.8	-	0.2	0.1	0.7	-	6.3	-	-
Sandhills	0.6	0.6	1.0	0.8	2.3	0.9	0.3	0.3	-	1.3	-	-
South Piedmont	1.8	0.7	2.0	0.7	0.5	0.6	0.1	0.2	0.7	6.5	0.1	30.4
Southeastern	1.1	0.8	3.2	0.8	0.1	0.4	0.1	0.5	-	1.2	6.9	0.4
Southwestern	0.9	1.0	3.6	1.8	0.2	0.8	0.8	0.4	-	2.3	-	1.4
Stanly	4.4	1.2	3.0	1.2	0.2	0.1	0.8	1.0	-	4.4	-	-
Surry	0.9	0.6	2.1	1.3	0.1	0.2	-	-	-	3.2	0.0	-
Tri-County	1.7	0.7	7.8	0.9	-	-	0.1	0.2	-	-	-	-
Vance-Granville	1.0	0.8	3.7	0.8	0.6	0.3	0.2	0.2	-	2.9	2.0	5.3
Wake	1.1	0.5	3.1	1.0	0.2	0.2	0.9	0.5	-	1.3	0.6	7.4
Wayne	1.3	0.6	1.6	0.8	1.0	0.0	0.5	0.3	0.3	4.3	-	-
Western Piedmont	1.4	0.6	1.5	1.7	0.2	1.0	0.3	0.4	-	1.9	14.5	2.9
Wilkes	0.9	0.5	2.7	0.7	-	0.2	0.7	0.2	2.9	2.2	-	0.4
Wilson	3.2	1.4	5.7	1.1	3.1	0.5	0.6	0.3	-	-	-	-
Subtotal	***1.3***	***0.9***	***3.2***	***1.0***	***0.5***	***0.3***	***0.5***	***0.3***	***0.6***	***2.7***	***2.1***	***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***	***2.6***	***0.9***	***0.8***	***0.5***	***0.3***	***0.2***	***0.4***	***1.2***	***1.3***	***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. 77-78; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (6th edition). This updated manual incorporates the codes and definitions presented in the 2006 national Postsecondary Education Facilities Inventory and Classification Manual.

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

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

Room Use Code	HEGIS Norm (%)	All N.C. Institutions 2014 (%)
Classroom (Series 100)	**8.0**	**9.6**
Laboratory (Series 200)	**14.5**	**16.7**
Office(Series 300)	**13.0**	**20.7**
Study (Series 400)	**6.8**	**5.4**
Special Use (Series 500)	**8.9**	**8.7**
General Use (Series 600)	**12.0**	**10.6**
Support (Series 700)	**6.5**	**4.7**
Health Care (Series 800)	**1.4**	**1.9**
Residential (Series 900)	**26.7**	**18.0**
Unclassified (Series 000)	**2.2**	**3.5**

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

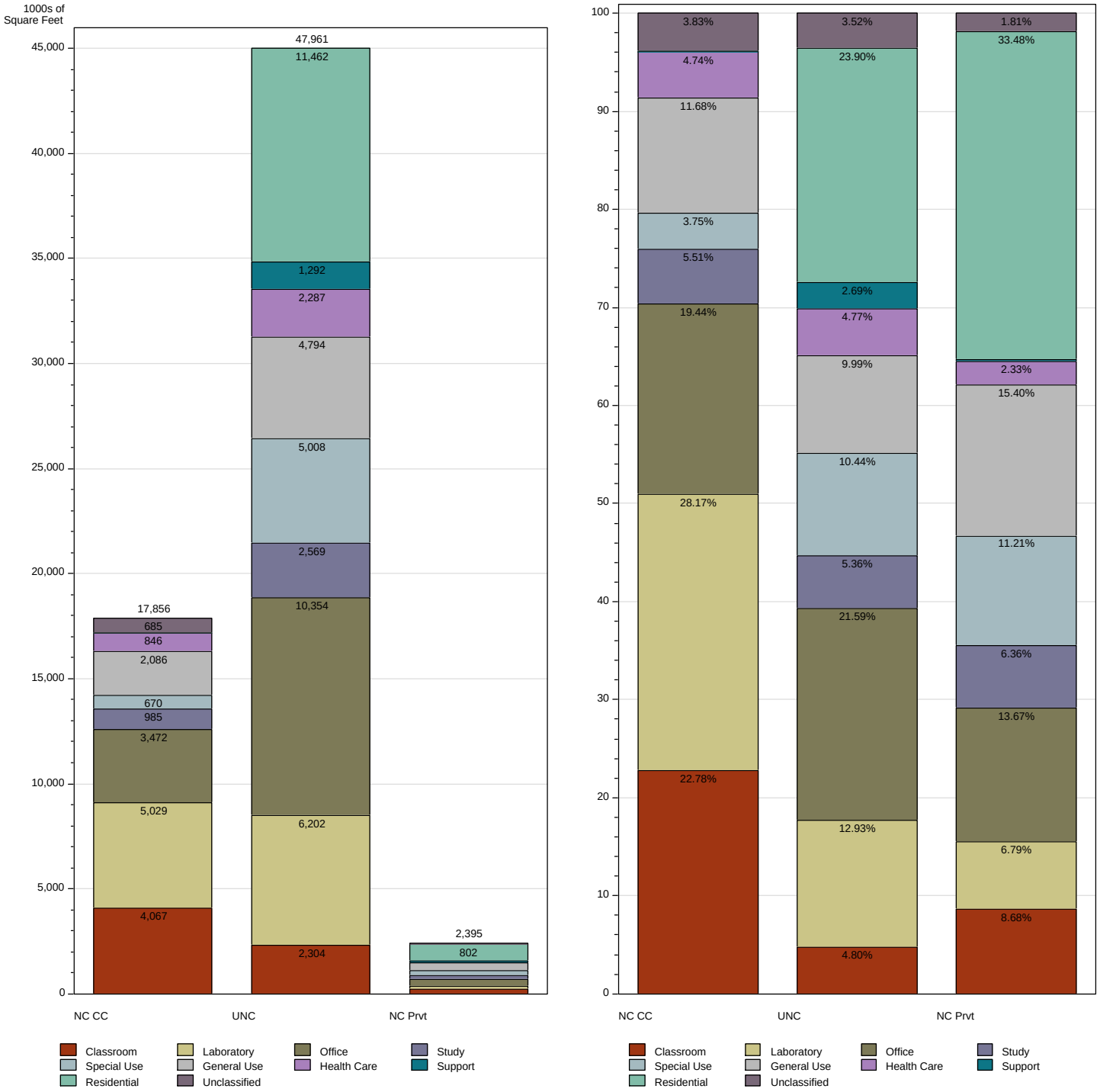


Table 15. Assignable Area by Room Codes

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	8,890,870	265,058	3.0	1,616,794	18.2	1,856,172	20.9	349,642	3.9
NC State Veterinary Med	426,169	8,139	1.9	104,145	24.4	84,102	19.7	11,186	2.6
UNC-Chapel Hill	7,264,128	265,056	3.6	620,657	8.5	1,585,417	21.8	635,260	8.7
UNC-Chapel Hill Hlth Aff.	2,688,346	80,746	3.0	753,688	28.0	1,065,345	39.6	74,975	2.8
Subtotal	***19,269,513***	***618,999***	***3.2***	***3,095,284***	***16.1***	***4,591,036***	***23.8***	***1,071,063***	***5.6***
Doctoral Universities I and II									
East Carolina	3,218,401	184,908	5.7	335,071	10.4	657,053	20.4	201,286	6.3
East Carolina Hlth Aff.	875,753	44,286	5.1	161,462	18.4	332,166	37.9	66,002	7.5
NC A&T	2,253,845	143,974	6.4	343,191	15.2	439,763	19.5	134,177	6.0
UNC Charlotte	3,738,962	235,319	6.3	530,662	14.2	811,776	21.7	213,268	5.7
UNC Greensboro	3,027,887	149,673	4.9	328,910	10.9	607,438	20.1	136,457	4.5
Subtotal	***13,114,848***	***758,160***	***5.8***	***1,699,296***	***13.0***	***2,848,196***	***21.7***	***751,190***	***5.7***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,820,633	168,495	6.0	255,040	9.0	522,229	18.5	91,968	3.3
Fayetteville	903,039	57,386	6.4	91,047	10.1	218,113	24.2	68,228	7.6
NC Central	1,458,957	119,968	8.2	145,052	9.9	310,585	21.3	103,315	7.1
UNC Pembroke	1,025,855	88,809	8.7	59,598	5.8	181,784	17.7	40,675	4.0
UNC Wilmington	2,275,241	162,834	7.2	218,907	9.6	389,120	17.1	118,103	5.2
Western Carolina	2,029,026	105,335	5.2	187,181	9.2	324,408	16.0	127,929	6.3
Winston-Salem	1,202,525	68,083	5.7	81,338	6.8	225,824	18.8	55,869	4.6
Subtotal	***11,715,276***	***770,910***	***6.6***	***1,038,163***	***8.9***	***2,172,063***	***18.5***	***606,087***	***5.2***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	860,493	69,626	8.1	78,989	9.2	123,738	14.4	39,755	4.6
UNC Asheville	902,504	44,777	5.0	93,610	10.4	159,875	17.7	76,765	8.5
Subtotal	***1,762,997***	***114,403***	***6.5***	***172,599***	***9.8***	***283,613***	***16.1***	***116,520***	***6.6***
Schools of Art, Music, and Design									
UNC School of the Arts	740,404	31,175	4.2	186,280	25.2	87,097	11.8	21,245	2.9
Subtotal	***740,404***	***31,175***	***4.2***	***186,280***	***25.2***	***87,097***	***11.8***	***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	514,143	95,504	18.6	184,093	35.8	132,873	25.8	16,788	3.3
Beaufort Co.	189,556	49,573	26.2	55,257	29.2	36,408	19.2	9,158	4.8
Bladen	110,859	23,798	21.5	32,298	29.1	24,594	22.2	8,346	7.5
Blue Ridge	290,539	67,854	23.4	93,661	32.2	44,341	15.3	14,297	4.9
Brunswick	254,175	51,999	20.5	29,139	11.5	37,231	14.6	7,865	3.1
Caldwell	351,691	95,136	27.1	87,522	24.9	63,923	18.2	19,006	5.4
Cape Fear	614,635	115,975	18.9	206,750	33.6	145,170	23.6	30,844	5.0
Carteret	167,592	42,772	25.5	59,058	35.2	35,671	21.3	6,761	4.0
Catawba Valley	371,707	75,870	20.4	110,626	29.8	70,079	18.9	23,222	6.2
Central Carolina	398,976	123,254	30.9	125,188	31.4	72,314	18.1	20,504	5.1
Central Piedmont	1,346,953	365,092	27.1	354,587	26.3	300,378	22.3	63,259	4.7
Cleveland	208,136	49,128	23.6	66,675	32.0	32,659	15.7	18,049	8.7
Coastal Carolina	221,248	69,163	31.3	72,741	32.9	42,972	19.4	15,190	6.9
Coll. of Albemarle	268,273	58,615	21.8	81,051	30.2	54,020	20.1	14,128	5.3
Craven	211,127	52,570	24.9	71,757	34.0	45,297	21.5	18,954	9.0
Davidson County	310,482	69,231	22.3	77,184	24.9	70,618	22.7	24,126	7.8
Durham	343,079	89,855	26.2	96,980	28.3	73,878	21.5	15,221	4.4
Edgecombe	169,774	36,236	21.3	44,623	26.3	30,428	17.9	12,318	7.3
Fayetteville	632,069	163,830	25.9	201,169	31.8	128,892	20.4	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	148,533	22.2	213,236	31.9	125,243	18.7	22,928	3.4
Gaston	476,877	108,783	22.8	150,905	31.6	106,839	22.4	31,040	6.5
Guilford	1,187,991	213,315	18.0	285,605	24.0	179,416	15.1	43,000	3.6
Halifax	187,362	37,203	19.9	47,966	25.6	34,385	18.4	11,164	6.0
Haywood	240,434	34,010	14.1	97,157	40.4	42,417	17.6	13,750	5.7
Isothermal	242,357	49,569	20.5	69,185	28.5	35,997	14.9	11,156	4.6
James Sprunt	117,343	27,937	23.8	23,558	20.1	34,979	29.8	10,267	8.7
Johnston	327,530	89,372	27.3	78,015	23.8	64,044	19.6	20,221	6.2
Lenoir	320,365	74,069	23.1	84,242	26.3	54,188	16.9	18,593	5.8
Martin	170,782	24,135	14.1	37,211	21.8	18,306	10.7	14,280	8.4
Mayland	113,860	31,524	27.7	27,325	24.0	21,992	19.3	10,255	9.0
McDowell	153,130	29,329	19.2	61,084	39.9	27,086	17.7	6,844	4.5
Mitchell	268,682	70,702	26.3	52,029	19.4	51,021	19.0	16,760	6.2
Montgomery	92,469	19,206	20.8	30,658	33.2	17,240	18.6	10,566	11.4
Nash	175,759	54,693	31.1	43,371	24.7	27,178	15.5	11,948	6.8
Pamlico	55,243	14,141	25.6	12,280	22.2	12,181	22.0	4,549	8.2
Piedmont	145,573	37,202	25.6	35,501	24.4	32,749	22.5	8,895	6.1
Pitt	378,859	79,605	21.0	130,536	34.5	89,398	23.6	24,100	6.4
Randolph	296,388	66,372	22.4	95,310	32.2	44,295	14.9	8,459	2.9
Richmond	177,758	36,511	20.5	48,935	27.5	29,961	16.9	10,560	5.9
Roanoke-Chowan	117,493	16,369	13.9	37,590	32.0	17,415	14.8	11,615	9.9
Robeson	201,239	35,143	17.5	60,474	30.1	44,740	22.2	12,713	6.3
Rockingham	230,853	36,826	16.0	68,091	29.5	36,775	15.9	11,722	5.1
Rowan-Cabarrus	378,894	83,454	22.0	90,917	24.0	86,766	22.9	23,277	6.1
Sampson	139,057	32,694	23.5	37,859	27.2	28,584	20.6	14,296	10.3
Sandhills	327,042	96,377	29.5	69,675	21.3	58,765	18.0	17,584	5.4
South Piedmont	328,178	43,861	13.4	49,210	15.0	52,364	16.0	10,409	3.2
Southeastern	183,581	48,793	26.6	45,673	24.9	37,667	20.5	14,877	8.1
Southwestern	203,425	40,753	20.0	54,569	26.8	40,617	20.0	10,618	5.2
Stanly	152,384	38,625	25.3	42,794	28.1	33,466	22.0	8,885	5.8
Surry	312,069	87,903	28.2	89,810	28.8	59,800	19.2	15,686	5.0
Tri-County	117,427	34,685	29.5	37,202	31.7	18,162	15.5	5,961	5.1
Vance-Granville	264,141	48,544	18.4	78,514	29.7	49,062	18.6	19,455	7.4
Wake	881,238	203,859	23.1	228,614	25.9	192,496	21.8	58,189	6.6
Wayne	262,254	39,643	15.1	90,763	34.6	51,310	19.6	19,480	7.4
Western Piedmont	288,461	61,654	21.4	71,110	24.7	48,112	16.7	16,851	5.8
Wilkes	313,434	61,031	19.5	90,673	28.9	46,211	14.7	16,665	5.3
Wilson	143,540	42,278	29.5	36,678	25.6	31,748	22.1	9,989	7.0
Subtotal	***17,855,634***	***4,066,793***	***22.8***	***5,029,469***	***28.2***	***3,471,991***	***19.4***	***984,610***	***5.5***
				Private Institutions					
NC Private Universities									
Barton	350,454	28,852	8.2	24,220	6.9	57,007	16.3	21,578	6.2
Campbell	1,127,462	102,500	9.1	62,305	5.5	159,716	14.2	79,467	7.0
Mars Hill	543,596	42,502	7.8	46,988	8.6	65,204	12.0	28,959	5.3
Pfeiffer	373,986	34,151	9.1	29,152	7.8	45,508	12.2	22,401	6.0
Subtotal	***2,395,498***	***208,005***	***8.7***	***162,665***	***6.8***	***327,435***	***13.7***	***152,405***	***6.4***
Grand Total	***68,212,472***	***6,578,371***	***9.6***	***11,394,585***	***16.7***	***14,153,252***	***20.7***	***3,706,364***	***5.4***

Table 15. Assignable Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions												
Research Universities I												
NC State	1,551,088	17.4	657,982	7.4	442,600	5.0	24,278	0.3	1,822,755	20.5	304,501	3.4
NC State Veterinary Med	66,967	15.7	10,689	2.5	26,134	6.1	114,807	26.9	-	-	0	0.0
UNC-Chapel Hill	842,926	11.6	813,641	11.2	454,645	6.3	22,595	0.3	1,893,863	26.1	130,068	1.8
UNC-Chapel Hill Hlth Aff.	187,353	7.0	92,061	3.4	38,142	1.4	156,399	5.8	310	0.0	239,327	8.9
Subtotal	***2,648,334***	***13.7***	***1,574,373***	***8.2***	***961,521***	***5.0***	***318,079***	***1.7***	***3,716,928***	***19.3***	***673,896***	***3.5***
Doctoral Universities I and II												
East Carolina	324,090	10.1	293,948	9.1	213,155	6.6	5,122	0.2	756,474	23.5	247,294	7.7
East Carolina Hlth Aff.	44,624	5.1	12,487	1.4	43,711	5.0	159,737	18.2	1,280	0.1	9,998	1.1
NC A&T	310,749	13.8	238,276	10.6	198,338	8.8	6,519	0.3	429,127	19.0	9,731	0.4
UNC Charlotte	184,134	4.9	322,843	8.6	34,786	0.9	9,607	0.3	1,088,830	29.1	307,737	8.2
UNC Greensboro	115,204	3.8	403,416	13.3	265,649	8.8	9,714	0.3	1,008,624	33.3	2,802	0.1
Subtotal	***978,801***	***7.5***	***1,270,970***	***9.7***	***755,639***	***5.8***	***190,699***	***1.5***	***3,284,335***	***25.0***	***577,562***	***4.4***
Master's (Comprehensive) Universities and Colleges I												
Appalachian	397,895	14.1	398,373	14.1	84,903	3.0	11,733	0.4	865,642	30.7	24,355	0.9
Fayetteville	76,888	8.5	117,690	13.0	19,413	2.1	2,319	0.3	211,793	23.5	40,162	4.4
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	122,777	12.0	51,100	5.0	2,612	0.3	389,992	38.0	1,620	0.2
UNC Wilmington	123,366	5.4	275,093	12.1	87,246	3.8	4,676	0.2	865,450	38.0	30,446	1.3
Western Carolina	209,633	10.3	300,569	14.8	63,144	3.1	3,246	0.2	662,833	32.7	44,748	2.2
Winston-Salem	99,123	8.2	157,486	13.1	30,499	2.5	6,576	0.5	441,125	36.7	36,602	3.0
Subtotal	***1,120,285***	***9.6***	***1,531,971***	***13.1***	***362,605***	***3.1***	***33,967***	***0.3***	***3,761,732***	***32.1***	***317,493***	***2.7***
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	90,992	10.6	101,021	11.7	17,804	2.1	6,436	0.7	306,462	35.6	25,670	3.0
UNC Asheville	113,744	12.6	136,491	15.1	38,630	4.3	3,075	0.3	230,850	25.6	4,687	0.5
Subtotal	***204,736***	***11.6***	***237,512***	***13.5***	***56,434***	***3.2***	***9,511***	***0.5***	***537,312***	***30.5***	***30,357***	***1.7***
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	3.2	116,562	15.7	65,419	8.8	3,073	0.4	158,026	21.3	47,701	6.4
Subtotal	***23,826***	***3.2***	***116,562***	***15.7***	***65,419***	***8.8***	***3,073***	***0.4***	***158,026***	***21.3***	***47,701***	***6.4***
Teaching Hospitals												
UNC Hospitals	32,493	2.4	62,294	4.6	85,493	6.3	736,524	54.2	3,785	0.3	41,893	3.1
Subtotal	***32,493***	***2.4***	***62,294***	***4.6***	***85,493***	***6.3***	***736,524***	***54.2***	***3,785***	***0.3***	***41,893***	***3.1***
Community Colleges												
Alamance	6,206	2.6	17,907	7.5	8,626	3.6	-	-	-	-	0	0.0
Asheville-Buncombe	16,094	3.1	45,320	8.8	17,249	3.4	-	-	-	-	6,222	1.2
Beaufort Co.	3,102	1.6	25,009	13.2	11,049	5.8	-	-	-	-	0	0.0
Bladen	1,155	1.0	12,492	11.3	8,176	7.4	-	-	-	-	0	0.0
Blue Ridge	6,235	2.1	52,154	18.0	11,997	4.1	-	-	-	-	0	0.0
Brunswick	29,789	11.7	69,214	27.2	12,553	4.9	112	0.0	-	-	16,273	6.4
Caldwell	20,026	5.7	49,858	14.2	16,146	4.6	-	-	-	-	74	0.0
Cape Fear	27,903	4.5	59,270	9.6	24,705	4.0	-	-	1,033	0.2	2,985	0.5
Carteret	6,930	4.1	9,537	5.7	6,863	4.1	-	-	-	-	0	0.0
Catawba Valley	37,801	10.2	39,138	10.5	2,633	0.7	-	-	-	-	12,338	3.3
Central Carolina	11,379	2.9	41,428	10.4	2,630	0.7	1,954	0.5	-	-	325	0.1
Central Piedmont	32,410	2.4	132,488	9.8	78,828	5.9	-	-	-	-	19,911	1.5
Cleveland	15,067	7.2	16,111	7.7	10,447	5.0	-	-	-	-	0	0.0
Coastal Carolina	3,120	1.4	11,583	5.2	6,479	2.9	-	-	-	-	0	0.0
Coll. of Albemarle	7,204	2.7	41,594	15.5	11,661	4.3	-	-	-	-	0	0.0
Craven	1,875	0.9	18,860	8.9	1,814	0.9	-	-	-	-	0	0.0
Davidson County	18,581	6.0	27,669	8.9	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	22.4	7,420	4.4	-	-	-	-	0	0.0
Fayetteville	24,802	3.9	53,998	8.5	30,970	4.9	378	0.1	-	-	0	0.0
Forsyth	18,815	2.8	63,031	9.4	57,075	8.5	-	-	-	-	19,921	3.0
Gaston	13,932	2.9	53,054	11.1	11,576	2.4	748	0.2	-	-	0	0.0
Guilford	31,780	2.7	88,981	7.5	29,654	2.5	529	0.0	-	-	315,711	26.6

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	%
Halifax	7,060	3.8	41,002	21.9	8,582	4.6	-	-	-	-	0	0.0
Haywood	1,590	0.7	37,468	15.6	12,518	5.2	1,524	0.6	-	-	0	0.0
Isothermal	22,920	9.5	35,395	14.6	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	9,743	3.0	43,453	13.3	21,169	6.5	-	-	1,513	0.5	0	0.0
Lenoir	24,981	7.8	50,637	15.8	13,655	4.3	-	-	-	-	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	14.4	5,689	5.0	-	-	-	-	265	0.2
McDowell	1,165	0.8	20,656	13.5	6,855	4.5	-	-	-	-	111	0.1
Mitchell	17,457	6.5	39,873	14.8	10,793	4.0	-	-	-	-	10,047	3.7
Montgomery	1,361	1.5	10,986	11.9	2,452	2.7	-	-	-	-	0	0.0
Nash	-	-	30,962	17.6	7,607	4.3	-	-	-	-	0	0.0
Pamlico	140	0.3	9,292	16.8	2,660	4.8	-	-	-	-	0	0.0
Piedmont	-	-	15,559	10.7	15,667	10.8	-	-	-	-	0	0.0
Pitt	20,483	5.4	16,947	4.5	17,189	4.5	-	-	-	-	601	0.2
Randolph	5,152	1.7	36,388	12.3	37,125	12.5	-	-	-	-	3,287	1.1
Richmond	989	0.6	43,617	24.5	6,959	3.9	226	0.1	-	-	0	0.0
Roanoke-Chowan	9,970	8.5	15,437	13.1	9,097	7.7	-	-	-	-	0	0.0
Robeson	1,538	0.8	37,376	18.6	7,122	3.5	-	-	-	-	2,133	1.1
Rockingham	30,804	13.3	34,597	15.0	7,019	3.0	-	-	-	-	5,019	2.2
Rowan-Cabarrus	3,843	1.0	38,123	10.1	20,300	5.4	-	-	-	-	32,214	8.5
Sampson	1,140	0.8	17,809	12.8	6,675	4.8	-	-	-	-	0	0.0
Sandhills	28,060	8.6	47,126	14.4	3,823	1.2	-	-	5,632	1.7	0	0.0
South Piedmont	1,291	0.4	53,968	16.4	17,292	5.3	107	0.0	-	-	99,676	30.4
Southeastern	11,272	6.1	17,317	9.4	7,240	3.9	-	-	-	-	742	0.4
Southwestern	18,202	8.9	26,832	13.2	9,042	4.4	-	-	-	-	2,792	1.4
Stanly	1,644	1.1	19,724	12.9	7,246	4.8	-	-	-	-	0	0.0
Surry	17,276	5.5	29,641	9.5	11,889	3.8	-	-	-	-	64	0.0
Tri-County	-	-	13,563	11.6	7,854	6.7	-	-	-	-	0	0.0
Vance-Granville	1,098	0.4	42,440	16.1	7,141	2.7	-	-	-	-	17,887	6.8
Wake	36,462	4.1	58,204	6.6	35,329	4.0	-	-	-	-	68,085	7.7
Wayne	9,214	3.5	35,064	13.4	15,143	5.8	1,637	0.6	-	-	0	0.0
Western Piedmont	6,107	2.1	24,782	8.6	14,423	5.0	-	-	-	-	45,422	15.7
Wilkes	24,074	7.7	51,276	16.4	22,299	7.1	-	-	-	-	1,205	0.4
Wilson	229	0.2	14,310	10.0	8,308	5.8	-	-	-	-	0	0.0
Subtotal	***670,337***	***3.8***	***2,086,252***	***11.7***	***846,057***	***4.7***	***7,357***	***0.0***	***8,178***	***0.0***	***684,590***	***3.8***
Private Institutions												
NC Private Universities												
Barton	50,010	14.3	55,955	16.0	7,677	2.2	741	0.2	104,414	29.8	0	0.0
Campbell	132,029	11.7	146,740	13.0	21,724	1.9	2,964	0.3	419,085	37.2	932	0.1
Mars Hill	44,666	8.2	120,198	22.1	14,584	2.7	2,291	0.4	165,217	30.4	12,987	2.4
Pfeiffer	41,948	11.2	46,094	12.3	11,930	3.2	338	0.1	113,088	30.2	29,376	7.9
Subtotal	***268,653***	***11.2***	***368,987***	***15.4***	***55,915***	***2.3***	***6,334***	***0.3***	***801,804***	***33.5***	***43,295***	***1.8***
Grand Total	***5,947,465***	***8.7***	***7,248,921***	***10.6***	***3,189,083***	***4.7***	***1,305,544***	***1.9***	***12,272,100***	***18.0***	***2,416,787***	***3.5***

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

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

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than ten assignable square feet to more than 30, the University of North Carolina has adopted a standard of 18 square feet per station.

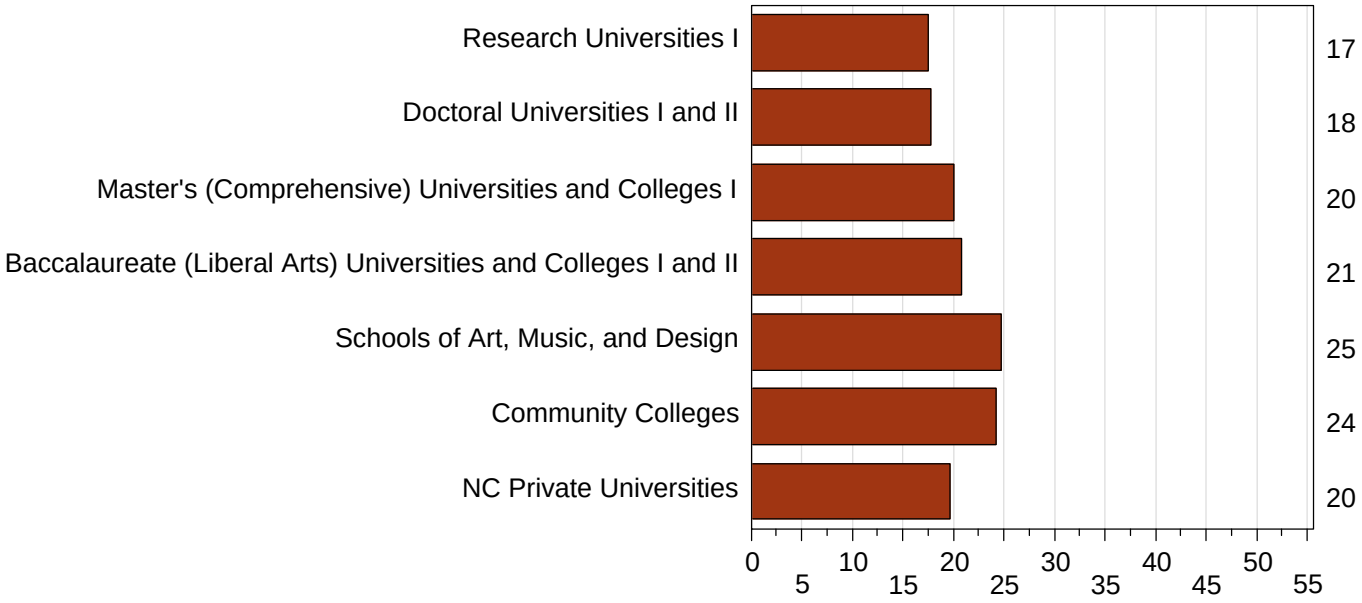
The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

Classrooms
Assignable Square Footage per Student Station



Classrooms
Average Room Size

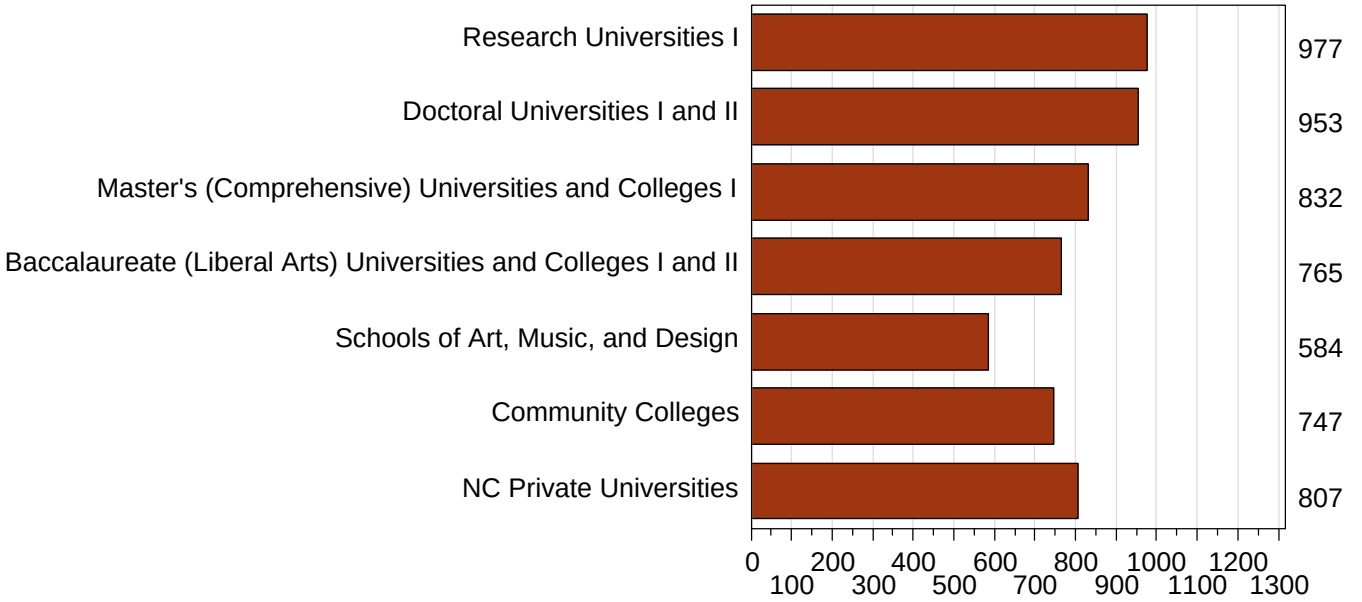


Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station 2014	2013	2012	2011	2010
Public Institutions									
Research Universities I									
NC State	236	14,773	63	253,461	17	17	17	17	17
NC State Veterinary Med	6	421	70	7,731	18	18	18	19	20
UNC-Chapel Hill	276	14,311	52	249,225	17	17	17	18	18
UNC-Chapel Hill Hlth Aff.	84	4,170	50	77,982	19	18	18	18	18
Subtotal	***602***	***33,675***	***56***	***588,399***	***17***	***17***	***17***	***17***	***17***
Doctoral Universities I and II									
East Carolina	204	10,462	51	180,274	17	18	17	17	17
East Carolina Hlth Aff.	51	2,185	43	43,461	20	20	18	18	18
NC A&T	149	7,059	47	137,324	19	19	19	19	19
UNC Charlotte	223	12,892	58	227,315	18	18	17	17	17
UNC Greensboro	141	8,523	60	143,573	17	17	17	17	17
Subtotal	***768***	***41,121***	***54***	***731,947***	***18***	***18***	***18***	***18***	***18***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	202	8,283	41	162,454	20	20	20	20	19
Fayetteville	65	2,593	40	52,642	20	20	20	20	20
NC Central	143	6,135	43	113,936	19	19	19	18	18
UNC Pembroke	106	3,689	35	84,093	23	23	23	20	20
UNC Wilmington	173	7,902	46	157,907	20	20	20	19	20
Western Carolina	115	4,779	42	98,706	21	21	21	21	21
Winston-Salem	80	3,289	41	65,453	20	19	19	19	19
Subtotal	***884***	***36,670***	***41***	***735,191***	***20***	***20***	***20***	***19***	***20***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	84	3,161	38	63,998	20	19	19	18	18
UNC Asheville	56	1,988	36	43,098	22	22	22	22	22
Subtotal	***140***	***5,149***	***37***	***107,096***	***21***	***20***	***20***	***19***	***19***
Schools of Art, Music, and Design									
UNC School of the Arts	53	1,253	24	30,971	25	25	26	25	25
Subtotal	***53***	***1,253***	***24***	***30,971***	***25***	***25***	***26***	***25***	***25***
Community Colleges									
Alamance	101	3,122	31	71,253	23	23	23	23	23
Asheville-Buncombe	116	3,519	30	92,887	26	26	26	26	26
Beaufort Co.	59	2,363	40	46,769	20	20	20	20	20
Bladen	38	1,027	27	22,598	22	23	23	23	23
Blue Ridge	76	1,993	26	61,391	31	31	31	31	32
Brunswick	68	2,027	30	48,531	24	24	24	25	22
Caldwell	111	3,258	29	90,969	28	28	28	28	28
Cape Fear	139	4,401	32	113,476	26	27	27	27	27
Carteret	66	1,513	23	42,045	28	28	28	27	27
Catawba Valley	90	2,718	30	70,415	26	25	26	25	25
Central Carolina	179	5,102	29	120,987	24	24	23	23	23
Central Piedmont	405	12,267	30	354,646	29	29	28	27	27
Cleveland	66	2,101	32	47,578	23	23	23	22	22
Coastal Carolina	95	2,908	31	68,337	23	21	21	21	21
Coll. of Albemarle	73	1,781	24	58,122	33	30	30	31	30
Craven	82	1,821	22	50,562	28	28	28	28	26
Davidson County	90	2,784	31	66,071	24	24	24	24	22
Durham	120	3,992	33	88,082	22	22	22	22	21
Edgecombe	68	1,771	26	34,864	20	20	20	20	20
Fayetteville	214	9,058	42	157,131	17	17	17	17	17
Forsyth	209	6,081	29	144,611	24	24	24	24	24
Gaston	133	4,517	34	103,792	23	23	23	23	22
Guilford	290	8,586	30	205,215	24	24	24	24	25
Halifax	47	1,279	27	36,899	29	29	29	29	29
Haywood	44	1,349	31	32,303	24	24	23	24	25
Isothermal	63	2,073	33	47,994	23	23	23	21	21
James Sprunt	41	1,136	28	27,402	24	24	24	24	24

Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2014	2013	2012	2011	2010
Johnston	115	3,504	30	82,326	23	24	24	24	24
Lenoir	101	2,837	28	71,682	25	25	26	26	27
Martin	29	782	27	22,906	29	29	29	29	29
Mayland	45	1,185	26	30,384	26	26	26	26	26
McDowell	42	1,225	29	27,968	23	21	21	21	24
Mitchell	104	3,053	29	69,407	23	23	23	23	23
Montgomery	27	806	30	19,031	24	24	24	24	24
Nash	66	2,172	33	52,381	24	24	24	24	24
Pamlico	21	483	23	13,849	29	29	29	29	29
Piedmont	52	1,297	25	36,087	28	28	28	28	28
Pitt	95	3,158	33	79,063	25	25	25	25	25
Randolph	96	2,645	28	63,691	24	24	23	23	23
Richmond	51	1,714	34	35,817	21	21	21	20	20
Roanoke-Chowan	28	728	26	15,591	21	20	20	20	20
Robeson	45	1,304	29	33,747	26	25	25	21	22
Rockingham	45	1,574	35	34,268	22	23	22	22	23
Rowan-Cabarrus	104	3,222	31	77,560	24	24	24	23	23
Sampson	42	1,382	33	31,401	23	23	23	23	23
Sandhills	118	3,928	33	93,058	24	23	23	22	22
South Piedmont	57	1,406	25	43,189	31	26	25	25	25
Southeastern	55	2,163	39	46,879	22	22	21	21	21
Southwestern	55	1,358	25	39,941	29	29	29	30	30
Stanly	53	1,901	36	36,017	19	17	18	18	18
Surry	104	3,131	30	82,450	26	26	26	26	26
Tri-County	50	1,270	25	34,039	27	27	27	27	29
Vance-Granville	65	2,104	32	47,796	23	23	23	22	22
Wake	228	8,490	37	197,345	23	23	23	24	23
Wayne	58	1,796	31	38,410	21	21	21	21	21
Western Piedmont	64	2,130	33	59,684	28	31	31	31	31
Wilkes	96	3,110	32	60,195	19	19	19	19	19
Wilson	55	1,839	33	41,628	23	23	22	22	22
Subtotal	***5,249***	***162,244***	***31***	***3,922,720***	***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	21	20
Subtotal	***250***	***10,290***	***41***	***201,853***	***20***	***20***	***20***	***20***	***19***
Grand Total	***7,946***	***290,402***	***37***	***6,318,177***	***22***	***22***	***21***	***21***	***21***

TABLE 17:

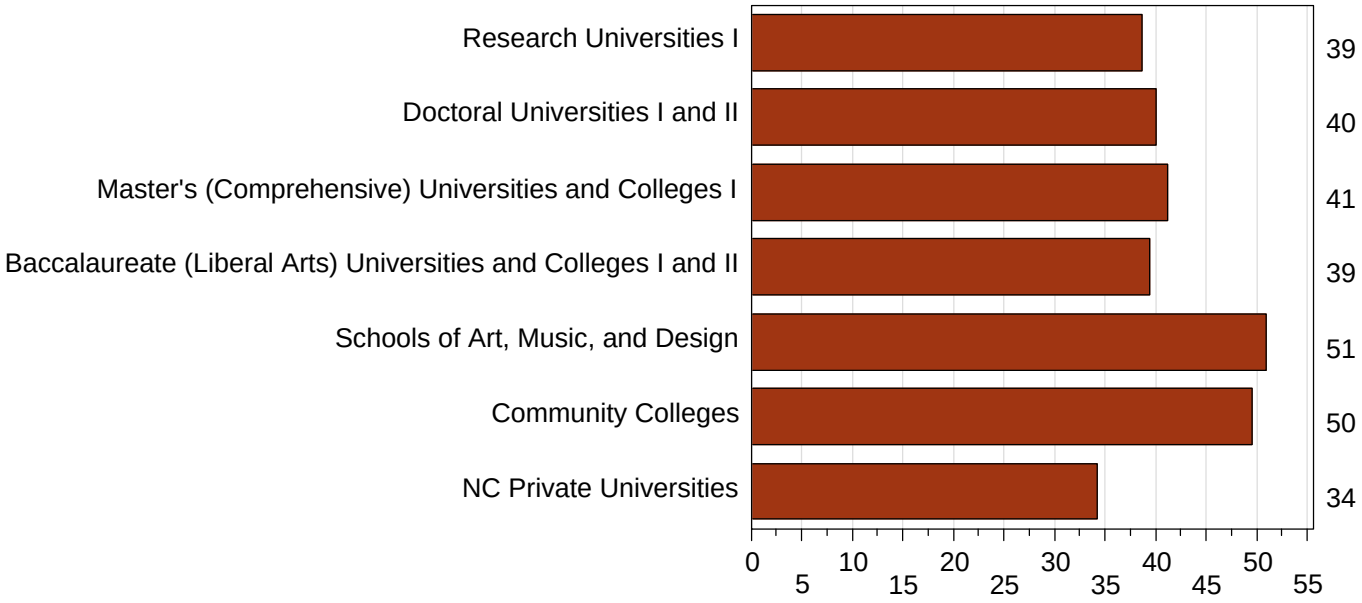
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

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
Assignable Square Footage per Student Station



Class Laboratories
Average Room Size

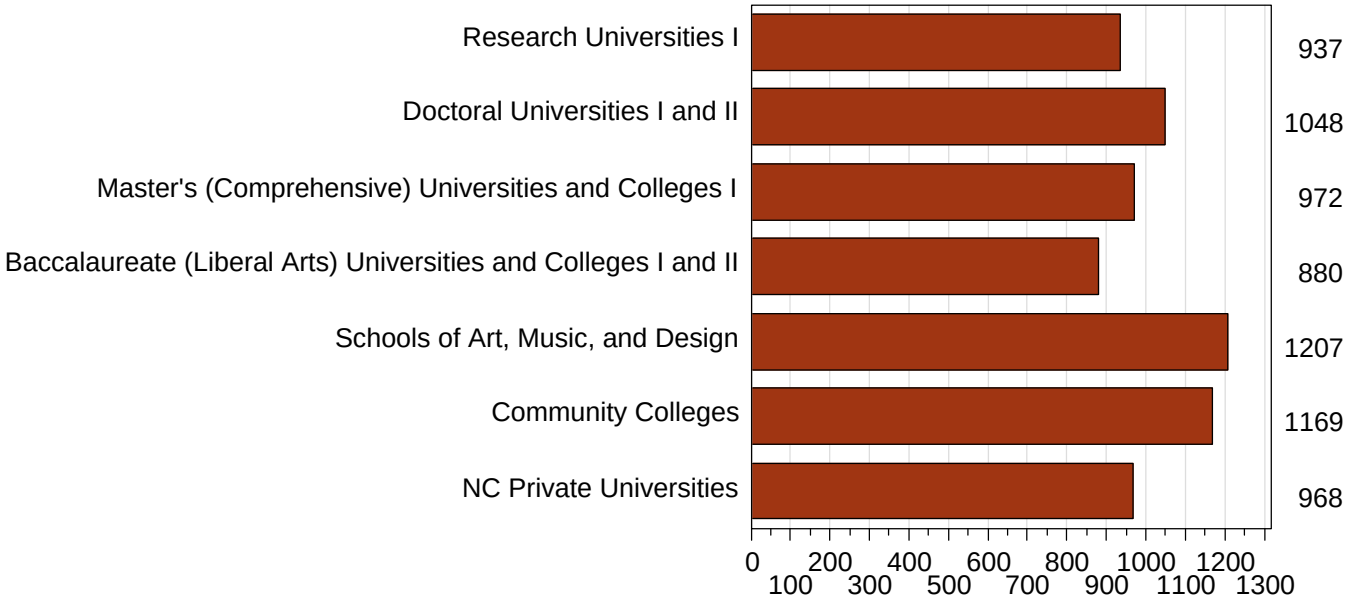


Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station 2014	2013	2012	2011	2010
Public Institutions									
Research Universities I									
NC State	262	6,782	26	276,940	41	42	43	41	43
NC State Veterinary Med	6	165	28	9,062	55	55	55	89	90
UNC-Chapel Hill	107	2,949	28	96,594	33	37	36	39	39
UNC-Chapel Hill Hlth Aff.	94	1,472	16	56,662	38	42	42	41	42
Subtotal	***469***	***11,368***	***24***	***439,258***	***39***	***41***	***41***	***41***	***42***
Doctoral Universities I and II									
East Carolina	159	4,113	26	153,980	37	38	38	38	38
East Carolina Hlth Aff.	47	881	19	35,093	40	45	39	39	39
NC A&T	84	2,119	25	84,108	40	39	37	40	40
UNC Charlotte	147	4,031	27	155,900	39	44	41	40	40
UNC Greensboro	72	2,186	30	104,127	48	48	46	48	48
Subtotal	***509***	***13,330***	***26***	***533,208***	***40***	***42***	***40***	***40***	***41***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	119	2,630	22	116,706	44	44	45	45	45
Fayetteville	53	1,439	27	53,850	37	37	36	34	32
NC Central	62	1,292	21	54,469	42	42	42	40	39
UNC Pembroke	31	689	22	28,639	42	42	42	41	42
UNC Wilmington	90	2,193	24	84,442	39	39	39	39	43
Western Carolina	77	2,003	26	89,673	45	44	45	42	42
Winston-Salem	53	1,209	23	43,703	36	35	35	35	35
Subtotal	***485***	***11,455***	***24***	***471,482***	***41***	***41***	***41***	***40***	***40***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	70	1,550	22	59,068	38	38	38	39	39
UNC Asheville	24	551	23	23,644	43	44	42	45	48
Subtotal	***94***	***2,101***	***22***	***82,712***	***39***	***40***	***40***	***41***	***42***
Schools of Art, Music, and Design									
UNC School of the Arts	66	1,562	24	79,635	51	52	50	50	50
Subtotal	***66***	***1,562***	***24***	***79,635***	***51***	***52***	***50***	***50***	***50***
Community Colleges									
Alamance	55	1,331	24	59,301	45	45	45	45	45
Asheville-Buncombe	107	2,929	27	141,138	48	48	49	48	48
Beaufort Co.	33	1,308	40	51,040	39	40	38	42	42
Bladen	26	617	24	30,669	50	53	57	57	58
Blue Ridge	52	1,175	23	84,102	72	72	72	72	73
Brunswick	18	406	23	22,567	56	56	56	56	54
Caldwell	65	1,424	22	73,969	52	54	54	54	55
Cape Fear	113	2,909	26	139,109	48	49	49	50	50
Carteret	44	1,012	23	52,170	52	52	52	52	52
Catawba Valley	90	1,867	21	91,287	49	50	50	50	51
Central Carolina	108	2,488	23	100,653	40	42	41	41	42
Central Piedmont	170	4,215	25	247,455	59	63	64	67	66
Cleveland	71	1,585	22	59,378	37	38	38	37	39
Coastal Carolina	55	1,418	26	58,503	41	45	46	46	46
Coll. of Albemarle	64	1,235	19	73,188	59	61	55	54	49
Craven	42	1,009	24	58,711	58	58	55	55	63
Davidson County	59	1,585	27	61,709	39	39	39	39	40
Durham	77	1,807	23	82,858	46	46	47	47	46
Edgecombe	41	859	21	40,792	47	48	48	48	48
Fayetteville	158	4,021	25	166,968	42	42	42	42	42
Forsyth	115	2,514	22	151,477	60	60	63	55	55
Gaston	69	1,880	27	81,756	43	43	43	43	43
Guilford	178	3,854	22	191,177	50	49	49	50	53
Halifax	29	598	21	36,689	61	61	61	61	60
Haywood	63	1,234	20	70,287	57	58	59	67	66
Isothermal	48	1,044	22	51,156	49	49	49	49	48
James Sprunt	21	479	23	19,605	41	41	40	41	40

Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2014	2013	2012	2011	2010
Johnston	48	1,218	25	61,409	50	49	49	49	50
Lenoir	64	1,596	25	70,317	44	44	47	48	43
Martin	25	578	23	32,022	55	55	55	55	55
Mayland	18	416	23	21,283	51	52	53	53	53
McDowell	29	783	27	53,280	68	49	49	50	49
Mitchell	41	978	24	45,012	46	46	46	46	44
Montgomery	17	318	19	17,650	56	56	48	47	54
Nash	33	746	23	36,906	49	50	50	49	49
Pamlico	14	257	18	10,568	41	41	41	41	41
Piedmont	28	772	28	29,971	39	39	39	39	41
Pitt	96	1,668	17	114,306	69	68	67	50	50
Randolph	52	1,234	24	78,977	64	62	64	63	60
Richmond	40	897	22	40,672	45	47	50	49	49
Roanoke-Chowan	19	468	25	22,972	49	49	49	49	45
Robeson	45	1,045	23	52,643	50	48	48	43	42
Rockingham	46	1,052	23	58,133	55	53	50	50	50
Rowan-Cabarrus	69	1,547	22	84,612	55	55	55	53	52
Sampson	26	585	23	34,582	59	59	59	59	59
Sandhills	57	1,246	22	53,961	43	43	42	42	42
South Piedmont	37	880	24	38,081	43	43	43	43	44
Southeastern	32	868	27	32,742	38	38	38	38	39
Southwestern	50	790	16	44,483	56	56	56	55	56
Stanly	26	1,000	38	30,219	30	33	33	33	33
Surry	46	1,107	24	66,516	60	60	51	48	48
Tri-County	29	576	20	31,101	54	54	54	54	55
Vance-Granville	62	1,674	27	66,222	40	39	43	41	41
Wake	166	3,726	22	188,609	51	52	51	50	50
Wayne	56	1,491	27	66,215	44	38	39	39	39
Western Piedmont	50	1,096	22	53,208	49	49	50	52	52
Wilkes	47	1,341	29	72,026	54	43	43	41	41
Wilson	30	706	24	32,948	47	46	48	48	49
Subtotal	***3,369***	***79,462***	***24***	***3,939,360***	***50***	***49***	***50***	***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	28	31	31	31
Mars Hill	28	742	27	28,705	39	39	41	41	41
Pfeiffer	22	426	19	18,599	44	44	44	44	42
Subtotal	***105***	***2,966***	***28***	***101,670***	***34***	***34***	***37***	***37***	***37***
Grand Total	***5,097***	***122,244***	***24***	***5,647,325***	***46***	***47***	***47***	***46***	***46***

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The Carol Johnson Poole Clubhouse, North Carolina State University

The Carol Johnson Poole Clubhouse opened to the public in January 2014. The 30,407 square foot, two-story clubhouse, located on NC State's Centennial Campus, offers breathtaking views of the Raleigh skyline and first-class service to golfers, diners, varsity golf teams and students studying professional golf management and turf management. The $7 million clubhouse provides a home to the NC State golf programs which were previously housed in a series of trailers originally designed to hold machinery. It is also a research and training facility for the nationally recognized Center for Turfgrass Environmental Research and Education at NC State, and a "living laboratory" for research into soil science, pathology, toxicology, wildlife management, urban forestry, and water conservation. The clubhouse was built over the course of one year with private donations, the lead donation provided by Lonnie Poole and his wife, Carol Johnson Poole.

Building Characteristics

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Age of Buildings 116
Condition of Buildings. 120
Estimated Cost to Renovate and Replace
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TABLE 18:

OWNERSHIP OF BUILDINGS

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

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.

3 Title vested in holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements).

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a noneducational institution).

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

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

Table 18. Ownership of Buildings

Institution	1 Owned GSF	%	2 Institution Amortization GSF	%	3 Holding Co. Amortization GSF	%	4 Leased or Rented GSF	%	5 Nominal Rate GSF	%	Other GSF	%	Total Gross Sq. Ft.
Public Institutions													
Research Universities I													
NC State ***	13,279,341	81.8	2,547,472	15.7	782	0.0	225,025	1.4	162,100	1.0	12,926	0.1	16,227,646
NC State Veterinary Med	849,240	100.0	-	-	-	-	-	-	-	-	-	-	849,240
UNC-Chapel Hill ***	13,004,677	98.4	-	-	68,760	0.5	115,762	0.9	-	-	20,817	0.2	13,210,016
UNC-Chapel Hill Health Aff.**	5,731,513	85.9	537,875	8.1	129,503	1.9	275,958	4.1	-	-	-	-	6,674,849
Subtotal	***32,864,771***	***88.9***	***3,085,347***	***8.3***	***199,045***	***0.5***	***616,745***	***1.7***	***162,100***	***0.4***	***33,743***	***0.1***	***36,961,751***
Doctoral Universities I and II													
East Carolina	4,711,482	96.3	-	-	1,806	0.0	56,110	1.1	26,090	0.5	95,460	2.0	4,890,948
East Carolina Hlth Aff.	1,543,039	91.4	-	-	-	-	112,771	6.7	32,368	1.9	-	-	1,688,178
NC A&T	3,146,864	96.6	-	-	-	-	18,940	0.6	-	-	92,337	2.8	3,258,141
UNC Charlotte	4,781,127	53.1	4,085,664	45.4	137,999	1.5	-	-	-	-	-	-	9,004,790
UNC-Greensboro**	5,853,003	95.0	-	-	1,657	0.0	280,438	4.6	10,052	0.2	17,474	0.3	6,162,624
Subtotal	***20,035,515***	***80.1***	***4,085,664***	***16.3***	***141,462***	***0.6***	***468,259***	***1.9***	***68,510***	***0.3***	***205,271***	***0.8***	***25,004,681***
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	2,016,496	89.2	243,574	10.8	-	-	-	-	-	-	-	-	2,260,070
NC Central	2,129,441	94.1	134,292	5.9	-	-	-	-	-	-	-	-	2,263,733
UNC Pembroke	1,330,972	85.5	-	-	89,078	5.7	135,766	8.7	-	-	-	-	1,555,816
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	1,219,243	64.7	127,536	6.8	453,033	24.0	84,525	4.5	-	-	-	-	1,884,337
Subtotal	***14,791,575***	***74.5***	***3,190,904***	***16.1***	***1,595,142***	***8.0***	***275,732***	***1.4***	***-***	***-***	***-***	***-***	***19,853,353***
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	1,088,102	79.8	130,557	9.6	145,678	10.7	-	-	-	-	-	-	1,364,337
UNC Asheville	1,243,381	80.4	302,772	19.6	-	-	-	-	-	-	-	-	1,546,153
Subtotal	***2,331,483***	***80.1***	***433,329***	***14.9***	***145,678***	***5.0***	***-***	***-***	***-***	***-***	***-***	***-***	***2,910,490***
Schools of Art, Music, and Design													
UNC School of the Arts	831,765	79.4	102,782	9.8	80,440	7.7	5,260	0.5	27,053	2.6	-	-	1,047,300
Subtotal	***831,765***	***79.4***	***102,782***	***9.8***	***80,440***	***7.7***	***5,260***	***0.5***	***27,053***	***2.6***	***-***	***-***	***1,047,300***
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	146,000	96.6	-	-	-	-	5,112	3.4	-	-	-	-	151,112
Blue Ridge	401,360	100.0	-	-	-	-	-	-	-	-	-	-	401,360
Brunswick	389,291	100.0	-	-	-	-	-	-	-	-	-	-	389,291
Caldwell	512,099	100.0	-	-	-	-	-	-	-	-	-	-	512,099
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	486,408	85.4	63,788	11.2	-	-	-	-	19,625	3.4	-	-	569,821
Central Carolina	455,332	78.9	-	-	-	-	-	-	122,090	21.1	-	-	577,422
Central Piedmont	3,187,451	97.7	-	-	-	-	75,315	2.3	-	-	-	-	3,262,766
Cleveland	293,295	96.1	-	-	-	-	-	-	12,000	3.9	-	-	305,295
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	336,377	84.2	-	-	-	-	-	-	63,271	15.8	-	-	399,648
Craven	312,947	99.1	-	-	-	-	-	-	2,960	0.9	-	-	315,907
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	98.5	-	-	-	-	3,654	1.5	-	-	-	-	246,568
Fayetteville*	896,597	95.6	-	-	-	-	8,729	0.9	5,690	0.6	26,402	2.8	937,418
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

***Other is Category 6** ***Other is Category 7** ****Other is Category 8**

Table 18. Ownership of Buildings

Institution	1 Owned		2 Institution Amortization		3 Holding Co. Amortization		4 Leased or Rented		5 Nominal Rate		Other		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Guilford	1,824,739	96.4	-	-	-	-	67,389	3.6	-	-	1,057	0.1	1,893,185
Halifax	268,984	97.7	-	-	-	-	6,337	2.3	-	-	-	-	275,321
Haywood	338,124	100.0	-	-	-	-	-	-	-	-	-	-	338,124
Isothermal	302,105	84.7	-	-	-	-	54,422	15.3	-	-	-	-	356,527
James Sprunt	158,986	95.4	-	-	-	-	-	-	7,664	4.6	-	-	166,650
Johnston	389,981	84.5	-	-	-	-	31,764	6.9	39,773	8.6	-	-	461,518
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	77.6	-	-	-	-	-	-	46,121	22.4	-	-	205,440
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	99.7	-	-	-	-	864	0.3	-	-	-	-	263,595
Pamlico	86,035	100.0	-	-	-	-	-	-	-	-	-	-	86,035
Piedmont	182,713	99.1	-	-	-	-	1,750	0.9	-	-	-	-	184,463
Pitt	586,052	100.0	-	-	-	-	-	-	-	-	-	-	586,052
Randolph	385,347	97.1	-	-	-	-	11,475	2.9	-	-	-	-	396,822
Richmond	253,209	100.0	-	-	-	-	-	-	-	-	-	-	253,209
Roanoke-Chowan	159,042	95.0	-	-	8,379	5.0	-	-	-	-	-	-	167,421
Robeson	265,260	94.9	-	-	-	-	-	-	14,400	5.1	-	-	279,660
Rockingham	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	503,483	100.0	-	-	-	-	-	-	-	-	-	-	503,483
South Piedmont	398,070	98.4	-	-	-	-	-	-	440	0.1	6,048	1.5	404,558
Southeastern	247,000	100.0	-	-	-	-	-	-	-	-	-	-	247,000
Southwestern	290,748	98.6	-	-	-	-	-	-	4,054	1.4	-	-	294,802
Stanly	190,891	83.7	-	-	-	-	8,206	3.6	-	-	28,875	12.7	227,972
Surry	386,062	86.6	-	-	-	-	-	-	59,593	13.4	-	-	445,655
Tri-County	138,389	89.9	-	-	-	-	-	-	15,500	10.1	-	-	153,889
Vance-Granville	397,903	98.0	-	-	-	-	8,306	2.0	-	-	-	-	406,209
Wake	1,637,375	93.4	-	-	-	-	82,867	4.7	32,150	1.8	-	-	1,752,392
Wayne	390,816	97.0	-	-	-	-	-	-	12,146	3.0	-	-	402,962
Western Piedmont	306,392	76.8	-	-	-	-	-	-	92,382	23.2	-	-	398,774
Wilkes	413,216	96.6	-	-	-	-	14,737	3.4	-	-	-	-	427,953
Wilson	206,079	98.5	-	-	-	-	-	-	3,240	1.5	-	-	209,319
Subtotal	***27,119,771***	***94.7***	***126,121***	***0.4***	***8,379***	***0.0***	***574,623***	***2.0***	***740,363***	***2.6***	***73,532***	***0.3***	***28,642,789***
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,654,614	100.0	-	-	-	-	-	-	-	-	-	-	1,654,614
Mars Hill	791,814	98.4	-	-	-	-	13,000	1.6	-	-	-	-	804,814
Pfeiffer	450,139	80.6	108,010	19.4	-	-	-	-	-	-	-	-	558,149
Subtotal	***3,391,733***	***96.6***	***108,010***	***3.1***	***-***	***-***	***13,000***	***0.4***	***-***	***-***	***-***	***-***	***3,512,743***
Grand Total	***103,801,326***	***86.2***	***11,132,157***	***9.2***	***2,170,146***	***1.8***	***2,011,434***	***1.7***	***998,026***	***0.8***	***319,267***	***0.3***	***120,432,356***

**Other is Category 6* ***Other is Category 7* ****Other is Category 8*

TABLES 19 & 20:

CAPITAL INVESTMENT IN BUILDINGS

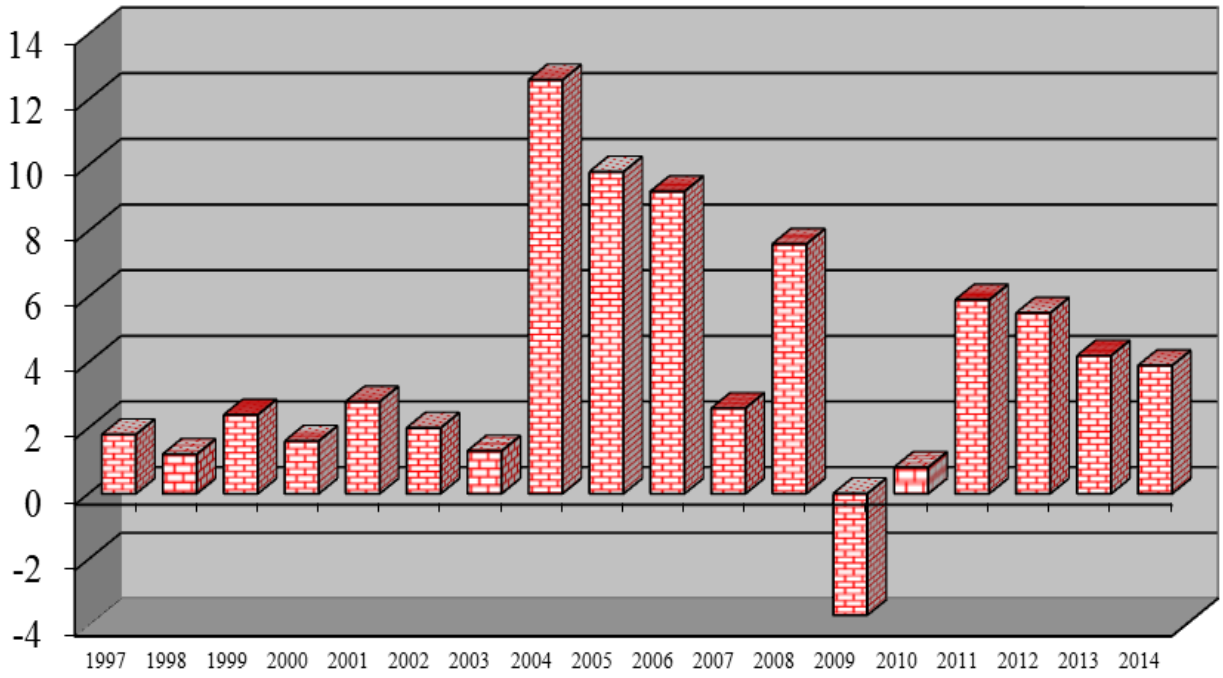
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

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

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication are derived by computing an average of the construction cost increases for Asheville, Charlotte, Durham, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. The following are the factors which have been used to increase the estimated replacement values each year. The construction cost factor reported by R.S. Means reflected a negative multiplier for the 2009 building replacement costs. This decrease in building values was a reflection of the devaluation of property both nationally and across North Carolina during the economic downturn. Property values have recovered, and this continued upward trend is reflected in the 2014 factor applied to the estimated replacement values for the current year.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
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%
2002	2.0%	2008	7.6%	2014	3.9%

RELATIVE INCREASES IN CONSTRUCTION COSTS



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

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

Table 19 & 20. Capital Investment

Institution	Non-Residential Buildings				Residential Buildings			
	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Public Institutions								
Research Universities I								
NC State	996	$936,111,501	$3,699,208,538	13,151,158	120	$205,319,798	$612,692,354	3,076,488
NC State Veterinary Med	39	$105,227,698	$297,161,098	849,240	-	-	-	-
UNC-Chapel Hill	290	$1,270,678,307	$2,967,848,790	9,869,867	91	$187,705,121	$564,990,084	3,340,149
UNC-Chapel Hill Hlth Aff.	110	$819,050,219	$1,852,512,461	6,674,501	1	$8,820	$46,541	348
Subtotal	***1,435***	***$3,131,067,725***	***$8,816,730,887***	***30,544,766***	***212***	***$393,033,739***	***$1,177,728,979***	***6,416,985***
Doctoral Universities I and II								
East Carolina	141	$291,920,811	$1,112,766,705	3,802,750	16	$43,850,000	$212,617,038	1,088,198
East Carolina Hlth Aff.	54	$266,583,574	$511,225,858	1,688,178	-	-	-	-
NC A&T	104	$195,667,383	$782,588,954	2,667,642	15	$29,214,424	$133,505,773	590,499
UNC Charlotte	75	$727,156,382	$1,373,812,343	7,005,962	34	$216,348,529	$361,518,344	1,998,828
UNC Greensboro	91	$282,661,998	$1,600,466,693	4,264,875	29	$88,358,883	$677,534,452	1,897,749
Subtotal	***465***	***$1,763,990,148***	***$5,380,860,553***	***19,429,407***	***94***	***$377,771,836***	***$1,385,175,607***	***5,575,274***
Master's (Comprehensive) Universities and Colleges I								
Appalachian	72	$389,704,135	$883,388,764	3,535,493	22	$69,745,565	$218,089,498	1,360,103
Fayetteville	43	$111,027,269	$242,605,313	1,908,026	9	$27,407,381	$58,598,470	352,044
NC Central	51	$174,078,332	$577,802,180	1,555,538	14	$60,025,638	$194,477,146	708,195
UNC Pembroke	36	$118,565,089	$277,682,835	1,009,177	14	$40,518,198	$102,504,397	546,639
UNC Wilmington	99	$305,194,869	$568,330,258	2,525,123	54	$141,227,668	$237,284,038	1,293,456
Western Carolina	69	$167,734,849	$433,510,804	2,085,462	37	$93,860,515	$205,355,663	1,089,760
Winston-Salem	36	$98,458,693	$254,753,523	1,164,419	15	$68,580,235	$124,939,841	719,918
Subtotal	***406***	***$1,364,763,236***	***$3,238,073,677***	***13,783,238***	***165***	***$501,365,200***	***$1,141,249,053***	***6,070,115***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	37	$100,271,807	$243,802,888	886,432	23	$22,959,690	$67,394,822	477,905
UNC Asheville	26	$134,338,464	$362,125,902	1,128,174	12	$59,407,136	$125,664,359	417,979
Subtotal	***63***	***$234,610,271***	***$605,928,790***	***2,014,606***	***35***	***$82,366,826***	***$193,059,181***	***895,884***
Schools of Art, Music, and Design								
UNC School of the Arts	48	$63,891,140	$195,737,158	828,694	18	$10,893,157	$31,541,696	218,606
Subtotal	***48***	***$63,891,140***	***$195,737,158***	***828,694***	***18***	***$10,893,157***	***$31,541,696***	***218,606***
Teaching Hospitals								
UNC Hospitals	30	$456,844,106	$915,476,505	2,499,249	-	-	-	-
Subtotal	***30***	***$456,844,106***	***$915,476,505***	***2,499,249***	***-***	***-***	***-***	***-***
Community Colleges								
Alamance	15	$28,900,315	$162,894,122	393,712	-	-	-	-
Asheville-Buncombe	24	$119,206,462	$219,421,086	894,841	-	-	-	-
Beaufort Co.	17	$22,638,835	$46,295,191	270,733	-	-	-	-
Bladen	24	$8,626,162	$24,190,822	151,112	-	-	-	-
Blue Ridge	15	$35,342,638	$71,576,337	401,360	-	-	-	-
Brunswick	19	$43,507,286	$73,913,101	389,291	-	-	-	-
Caldwell	24	$46,472,818	$99,595,490	512,099	-	-	-	-
Cape Fear	36	$179,428,322	$285,073,342	1,610,450	2	$474,800	$9,345,330	5,785
Carteret	17	$17,478,813	$46,630,813	236,630	-	-	-	-
Catawba Valley	18	$34,390,838	$86,509,306	569,821	-	-	-	-
Central Carolina	36	$39,674,645	$102,443,540	577,422	-	-	-	-
Central Piedmont	52	$322,746,820	$609,788,301	3,262,766	-	-	-	-
Cleveland	14	$22,983,131	$71,547,615	305,295	-	-	-	-
Coastal Carolina	15	$25,802,443	$65,051,196	331,906	-	-	-	-
Coll. of Albemarle	24	$28,161,752	$156,236,903	399,648	-	-	-	-
Craven	15	$31,819,139	$64,818,020	315,907	-	-	-	-
Davidson County	29	$27,794,875	$91,163,118	455,455	-	-	-	-
Durham	18	$34,355,718	$95,870,053	510,737	-	-	-	-
Edgecombe	12	$19,385,035	$45,687,518	246,568	-	-	-	-
Fayetteville	39	$62,202,854	$147,024,383	937,418	-	-	-	-
Forsyth	36	$83,290,943	$163,708,197	964,500	-	-	-	-
Gaston	28	$88,906,476	$174,649,316	714,567	-	-	-	-
Guilford	58	$160,455,306	$394,976,368	1,893,185	-	-	-	-
Halifax	16	$17,710,747	$40,537,327	275,321	-	-	-	-
Haywood	24	$29,877,809	$57,898,874	338,124	-	-	-	-
Isothermal	24	$22,032,786	$64,523,685	356,527	-	-	-	-

Table 19 & 20. Capital Investment

Institution	Non-Residential Buildings				Residential Buildings			
	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus	No. of Bldg	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
James Sprunt	12	$8,500,536	$26,749,300	166,650	-	-	-	-
Johnston	23	$37,414,972	$87,483,901	459,738	1	$40,000	$81,369	1,780
Lenoir	27	$25,869,008	$65,325,785	430,249	-	-	-	-
Martin	12	$4,891,455	$23,082,295	229,431	-	-	-	-
Mayland	16	$14,150,346	$31,267,631	159,916	-	-	-	-
McDowell	11	$10,404,072	$37,283,556	205,440	-	-	-	-
Mitchell	28	$19,772,528	$63,968,500	400,529	-	-	-	-
Montgomery	7	$8,850,023	$21,210,768	129,642	-	-	-	-
Nash	11	$21,722,044	$45,110,370	263,595	-	-	-	-
Pamlico	9	$8,017,519	$16,926,958	86,035	-	-	-	-
Piedmont	20	$12,715,560	$31,669,634	184,463	-	-	-	-
Pitt	27	$60,977,600	$108,197,746	586,052	-	-	-	-
Randolph	31	$26,649,405	$61,174,553	396,822	-	-	-	-
Richmond	11	$23,990,083	$52,789,803	253,209	-	-	-	-
Roanoke-Chowan	9	$9,704,773	$28,945,798	167,421	-	-	-	-
Robeson	20	$21,781,650	$51,396,371	279,660	-	-	-	-
Rockingham	16	$15,121,026	$52,806,094	327,731	-	-	-	-
Rowan-Cabarrus	23	$56,240,969	$112,203,090	518,864	-	-	-	-
Sampson	14	$16,606,673	$36,145,714	199,414	-	-	-	-
Sandhills	24	$46,688,829	$96,129,189	498,138	1	$52,000	$1,084,885	5,345
South Piedmont	19	$14,370,493	$66,836,497	404,558	-	-	-	-
Southeastern	23	$14,862,069	$53,471,350	247,000	-	-	-	-
Southwestern	16	$26,004,951	$53,219,812	294,802	-	-	-	-
Stanly	15	$12,860,020	$43,724,268	227,972	-	-	-	-
Surry	23	$27,967,296	$73,618,847	445,655	-	-	-	-
Tri-County	20	$7,274,907	$25,626,291	153,889	-	-	-	-
Vance-Granville	21	$31,600,629	$73,908,858	406,209	-	-	-	-
Wake	38	$154,032,119	$258,211,806	1,752,392	-	-	-	-
Wayne	19	$36,345,550	$78,425,798	402,962	-	-	-	-
Western Piedmont	33	$16,937,679	$62,091,518	398,774	-	-	-	-
Wilkes	26	$27,846,862	$70,834,980	427,953	-	-	-	-
Wilson	15	$10,922,905	$36,473,291	209,319	-	-	-	-
Subtotal	***1,268***	***$2,384,287,519***	***$5,408,334,396***	***28,629,879***	***4***	***$566,800***	***$10,511,584***	***12,910***
			Private Institutions					
NC Private Universities								
Barton	24	$46,796,593	$92,943,821	333,933	7	$6,425,757	$27,095,164	161,233
Campbell	56	$128,544,548	$229,677,080	1,046,950	77	$38,044,510	$103,600,455	607,664
Mars Hill	26	$23,471,975	$96,866,115	553,983	16	$8,299,780	$40,521,227	250,831
Pfeiffer	26	$13,872,559	$66,481,669	381,576	21	$3,063,738	$24,494,605	176,573
Subtotal	***132***	***$212,685,675***	***$485,968,685***	***2,316,442***	***121***	***$55,833,785***	***$195,711,451***	***1,196,301***
Grand Total	***3,847***	***$9,612,139,820***	***$25,047,110,651***	***100,046,281***	***649***	***$1,421,831,343***	***$4,134,977,551***	***20,386,075***

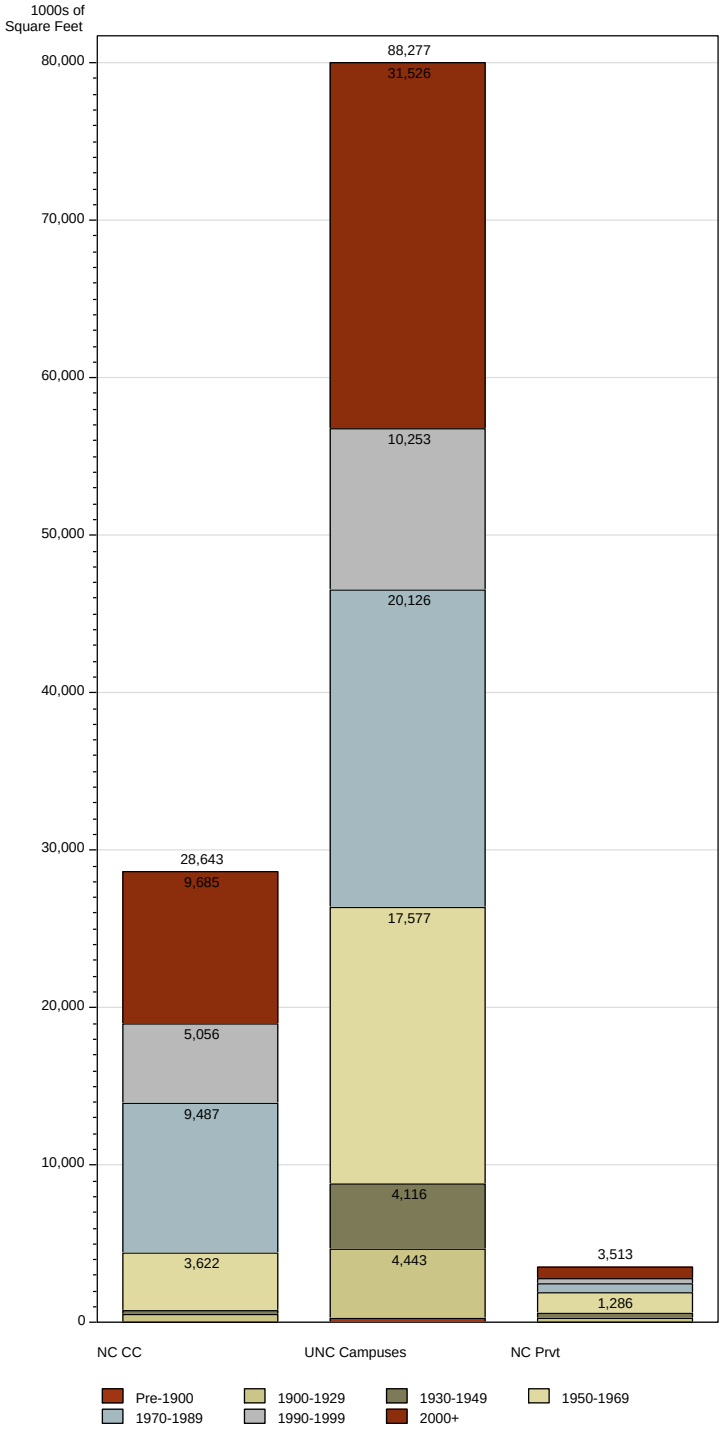
TABLE 21:

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



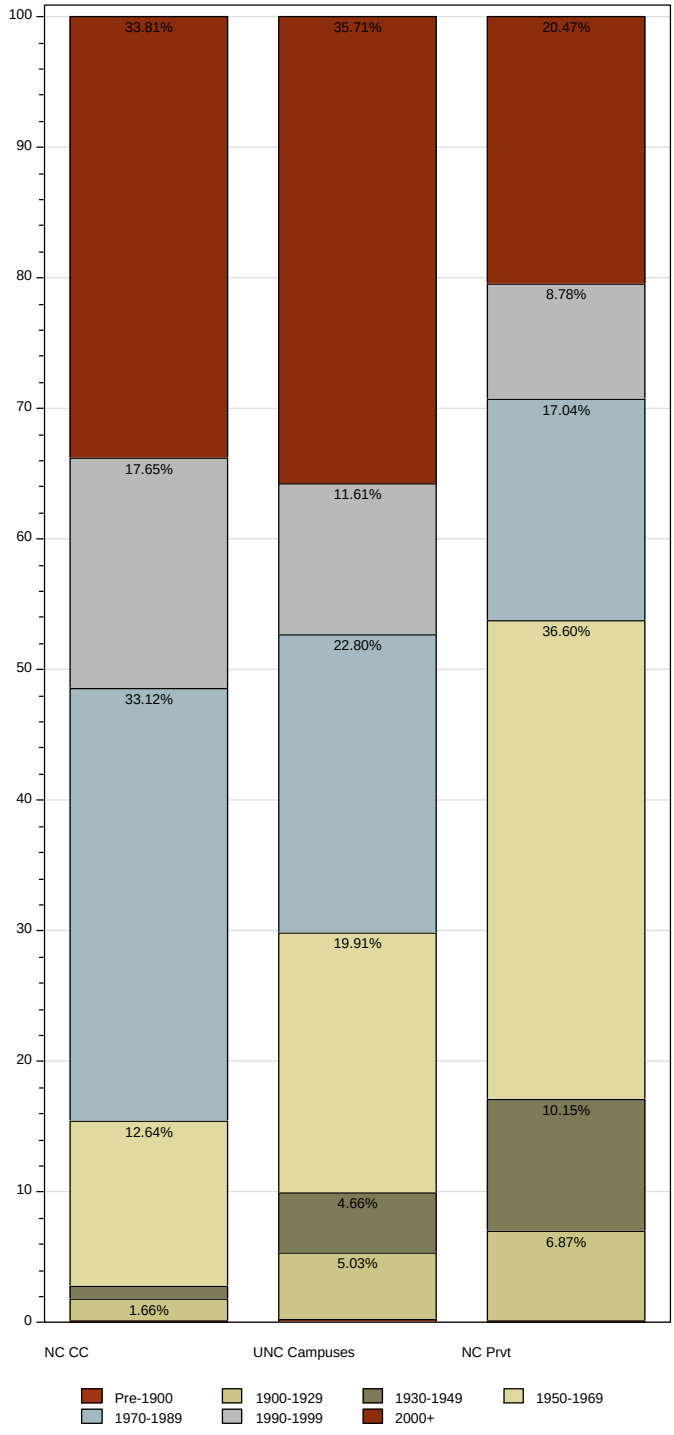


Table 21. Age of Buildings

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	16,227,646	62,384	1,002,440	1,332,012	3,802,146	3,207,949	2,066,979	4,753,736
NC State Veterinary Med	849,240	-	-	30,615	19,706	375,514	11,659	411,746
UNC-Chapel Hill	13,210,016	135,326	1,346,694	903,927	2,639,446	2,232,498	1,255,394	4,696,731
UNC-Chapel Hill Hlth Aff.	6,674,849	-	-	130,462	868,975	1,694,736	1,216,330	2,764,346
Subtotal	***36,961,751***	***197,710***	***2,349,134***	***2,397,016***	***7,330,273***	***7,510,697***	***4,550,362***	***12,626,559***
Doctoral Universities I and II								
East Carolina	4,890,948	-	640,417	206,354	2,052,472	932,438	279,004	780,263
East Carolina Hlth Aff.	1,688,178	-	-	-	34,253	608,660	193,141	852,124
NC A&T	3,258,141	-	83,209	215,322	971,367	724,072	218,657	1,045,514
UNC Charlotte	9,004,790	-	-	-	495,060	2,005,462	1,478,198	5,026,070
UNC Greensboro	6,162,624	35,417	861,354	261,762	1,118,189	1,121,144	942,233	1,822,525
Subtotal	***25,004,681***	***35,417***	***1,584,980***	***683,438***	***4,671,341***	***5,391,776***	***3,111,233***	***9,526,496***
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	2,260,070	-	23,364	129,538	307,764	1,238,551	235,374	325,479
NC Central	2,263,733	-	39,725	210,554	666,161	507,939	174,070	665,284
UNC Pembroke	1,555,816	-	-	-	399,815	440,802	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	1,884,337	-	71,407	56,786	311,767	402,231	310,091	732,055
Subtotal	***19,853,353***	***2,563***	***231,265***	***834,773***	***4,175,284***	***5,933,858***	***1,534,392***	***7,141,218***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,364,337	-	92,594	57,955	255,429	338,320	108,377	511,662
UNC Asheville	1,546,153	-	-	-	330,789	224,951	436,492	553,921
Subtotal	***2,910,490***	***-***	***92,594***	***57,955***	***586,218***	***563,271***	***544,869***	***1,065,583***
Schools of Art, Music, and Design								
UNC School of the Arts	1,047,300	-	185,422	91,608	243,462	196,426	98,095	232,287
Subtotal	***1,047,300***	***-***	***185,422***	***91,608***	***243,462***	***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	151,112	-	-	2,520	-	100,367	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	512,099	-	-	-	83,274	168,683	125,316	134,826
Cape Fear	1,616,235	1,345	-	-	61,015	207,553	214,475	1,131,847
Carteret	236,630	-	2,747	-	11,297	73,956	42,339	106,291
Catawba Valley	569,821	-	-	-	92,330	247,099	63,788	166,604
Central Carolina	577,422	-	15,634	30,035	64,027	108,306	147,387	212,033
Central Piedmont	3,262,766	-	105,483	27,691	218,838	840,205	598,736	1,471,813
Cleveland	305,295	-	-	-	-	190,666	45,260	69,369
Coastal Carolina	331,906	-	-	-	-	216,362	60,664	54,880
Coll. of Albemarle	399,648	-	-	5,268	81,790	173,949	21,800	116,841
Craven	315,907	-	-	-	-	117,255	77,380	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	246,568	-	20,863	-	-	119,135	28,420	78,150
Fayetteville	937,418	-	-	3,905	210,952	217,664	245,829	259,068
Forsyth	964,500	-	-	-	193,801	245,100	217,139	308,460
Gaston	714,567	-	63,927	64,000	153,100	140,357	79,354	213,829
Guilford	1,893,185	1,931	-	11,050	375,597	363,609	326,443	814,555
Halifax	275,321	-	-	-	-	110,345	72,533	92,443

Table 21. Age of Buildings

Institution	Total Gross Square Feet	Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1950-1969 GSF	1970-1989 GSF	1990-1999 GSF	2000-Present GSF
				Period of Construction				
Haywood	338,124	-	-	-	11,300	166,692	80,037	80,095
Isothermal	356,527	-	3,119	-	58,484	164,503	61,000	69,421
James Sprunt	166,650	-	2,064	-	23,645	92,941	28,000	20,000
Johnston	461,518	-	-	-	4,948	212,448	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	205,440	-	-	-	30,104	124,252	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	263,595	-	-	-	-	159,932	57,099	46,564
Pamlico	86,035	-	-	-	-	40,957	8,932	36,146
Piedmont	184,463	-	-	-	-	136,734	8,705	39,024
Pitt	586,052	-	-	-	75,365	91,705	114,221	304,761
Randolph	396,822	-	-	-	43,991	188,850	52,683	111,298
Richmond	253,209	-	-	9,000	56,560	94,049	38,500	55,100
Roanoke-Chowan	167,421	-	-	-	8,379	114,542	13,000	31,500
Robeson	279,660	-	-	-	-	184,284	19,795	75,581
Rockingham	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	503,483	-	-	-	120,821	142,572	64,040	176,050
South Piedmont	404,558	-	117,000	-	-	125,586	81,512	80,460
Southeastern	247,000	-	-	-	82,095	80,495	38,361	46,049
Southwestern	294,802	-	-	-	-	198,500	30,640	65,662
Stanly	227,972	-	28,875	-	21,381	94,681	46,016	37,019
Surry	445,655	-	-	-	88,195	169,885	67,162	120,413
Tri-County	153,889	-	-	25,130	11,758	96,669	15,600	4,732
Vance-Granville	406,209	-	16,000	-	3,069	235,030	59,403	92,707
Wake	1,752,392	-	-	-	92,808	337,280	233,204	1,089,100
Wayne	402,962	-	-	-	-	192,606	145,037	65,319
Western Piedmont	398,774	-	-	52,182	140,716	122,397	39,030	44,449
Wilkes	427,953	-	-	-	113,335	168,997	49,303	96,318
Wilson	209,319	-	-	-	90,580	86,103	10,170	22,466
Subtotal	***28,642,789***	***42,230***	***476,740***	***274,714***	***3,621,594***	***9,487,210***	***5,055,748***	***9,684,553***
				Private Institutions				
NC Private Universities								
Barton	495,166	-	6,000	21,508	325,969	41,564	28,669	71,456
Campbell	1,654,614	-	118,919	44,966	435,406	354,796	204,426	496,101
Mars Hill	804,814	3,000	115,161	119,975	243,184	156,172	73,962	93,360
Pfeiffer	558,149	-	1,288	170,004	281,148	46,152	1,426	58,131
Subtotal	***3,512,743***	***3,000***	***241,368***	***356,453***	***1,285,707***	***598,684***	***308,483***	***719,048***
Grand Total	***120,432,356***	***280,920***	***5,161,503***	***4,747,213***	***22,483,874***	***30,211,501***	***15,617,548***	***41,929,797***

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 2014 FCAP cycle (March, 2015), 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 GSF	%	Remodeling A GSF	%	Remodeling B GSF	%	Remodeling C GSF	%	Demolition GSF	%	Termination GSF	%	Total Gross Sq. Ft.
Public Institutions													
Research Universities I													
NC State	8,761,027	54.0	3,952,880	24.4	2,146,262	13.2	1,349,324	8.3	18,153	0.1	-	-	16,227,646
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	10,133,727	76.7	2,169,505	16.4	687,767	5.2	120,949	0.9	98,068	0.7	-	-	13,210,016
UNC-Chapel Hill Hlth Aff.	5,887,024	88.2	540,848	8.1	236,810	3.5	-	-	8,928	0.1	1,239	0.0	6,674,849
Subtotal	***25,568,951***	***69.2***	***6,703,198***	***18.1***	***3,089,523***	***8.4***	***1,473,691***	***4.0***	***125,149***	***0.3***	***1,239***	***0.0***	***36,961,751***
Doctoral Universities I and II													
East Carolina	1,488,406	30.4	962,847	19.7	488,627	10.0	1,950,921	39.9	-	-	147	0.0	4,890,948
East Carolina Hlth Aff.	1,118,050	66.2	55,068	3.3	493,410	29.2	8,806	0.5	-	-	12,844	0.8	1,688,178
NC A&T	1,686,808	51.8	130,194	4.0	431,351	13.2	1,009,788	31.0	-	-	-	-	3,258,141
UNC Charlotte	7,512,646	83.4	693,068	7.7	688,237	7.6	110,839	1.2	-	-	-	-	9,004,790
UNC Greensboro	4,548,074	73.8	933,787	15.2	528,104	8.6	148,053	2.4	4,606	0.1	-	-	6,162,624
Subtotal	***16,353,984***	***65.4***	***2,774,964***	***11.1***	***2,629,729***	***10.5***	***3,228,407***	***12.9***	***4,606***	***0.0***	***12,991***	***0.1***	***25,004,681***
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	2,135,625	94.5	88,958	3.9	35,487	1.6	-	-	-	-	-	-	2,260,070
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	1,512,836	97.2	42,980	2.8	-	-	-	-	-	-	-	-	1,555,816
UNC Wilmington	3,783,432	99.1	5,066	0.1	-	-	30,081	0.8	-	-	-	-	3,818,579
Western Carolina	1,981,700	62.4	1,021,286	32.2	137,422	4.3	34,814	1.1	-	-	-	-	3,175,222
Winston-Salem	1,135,551	60.3	517,090	27.4	122,057	6.5	75,516	4.0	34,123	1.8	-	-	1,884,337
Subtotal	***16,934,660***	***85.3***	***2,066,037***	***10.4***	***549,755***	***2.8***	***262,399***	***1.3***	***40,502***	***0.2***	***-***	***-***	***19,853,353***
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	925,379	67.8	335,441	24.6	85,417	6.3	18,100	1.3	-	-	-	-	1,364,337
UNC Asheville	419,805	27.2	611,990	39.6	148,244	9.6	366,114	23.7	-	-	-	-	1,546,153
Subtotal	***1,345,184***	***46.2***	***947,431***	***32.6***	***233,661***	***8.0***	***384,214***	***13.2***	***-***	***-***	***-***	***-***	***2,910,490***
Schools of Art, Music, and Design													
UNC School of the Arts	734,565	70.1	217,446	20.8	51,288	4.9	42,817	4.1	1,184	0.1	-	-	1,047,300
Subtotal	***734,565***	***70.1***	***217,446***	***20.8***	***51,288***	***4.9***	***42,817***	***4.1***	***1,184***	***0.1***	***-***	***-***	***1,047,300***
Teaching Hospitals													
UNC Hospitals	2,499,249	100.0	-	-	-	-	-	-	-	-	-	-	2,499,249
Subtotal	***2,499,249***	***100.0***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***2,499,249***
Community Colleges													
Alamance	393,712	100.0	-	-	-	-	-	-	-	-	-	-	393,712
Asheville-Buncombe	747,566	83.5	147,275	16.5	-	-	-	-	-	-	-	-	894,841
Beaufort Co.	270,733	100.0	-	-	-	-	-	-	-	-	-	-	270,733
Bladen	148,172	98.1	420	0.3	-	-	2,520	1.7	-	-	-	-	151,112
Blue Ridge	401,360	100.0	-	-	-	-	-	-	-	-	-	-	401,360
Brunswick	362,570	93.1	3,732	1.0	20,314	5.2	-	-	-	-	2,675	0.7	389,291
Caldwell	512,099	100.0	-	-	-	-	-	-	-	-	-	-	512,099
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	569,821	100.0	-	-	-	-	-	-	-	-	-	-	569,821
Central Carolina	563,172	97.5	14,250	2.5	-	-	-	-	-	-	-	-	577,422
Central Piedmont	1,957,127	60.0	956,172	29.3	263,688	8.1	85,779	2.6	-	-	-	-	3,262,766
Cleveland	305,295	100.0	-	-	-	-	-	-	-	-	-	-	305,295
Coastal Carolina	331,906	100.0	-	-	-	-	-	-	-	-	-	-	331,906
Coll. of Albemarle	359,230	89.9	29,800	7.5	-	-	10,618	2.7	-	-	-	-	399,648
Craven	315,907	100.0	-	-	-	-	-	-	-	-	-	-	315,907
Davidson County	455,455	100.0	-	-	-	-	-	-	-	-	-	-	455,455
Durham	510,737	100.0	-	-	-	-	-	-	-	-	-	-	510,737
Edgecombe	246,568	100.0	-	-	-	-	-	-	-	-	-	-	246,568
Fayetteville	937,219	100.0	-	-	-	-	-	-	-	-	199	0.0	937,418
Forsyth	964,500	100.0	-	-	-	-	-	-	-	-	-	-	964,500
Gaston	714,567	100.0	-	-	-	-	-	-	-	-	-	-	714,567
Guilford	1,207,051	63.8	177,394	9.4	157,544	8.3	349,265	18.4	-	-	1,931	0.1	1,893,185
Halifax	275,321	100.0	-	-	-	-	-	-	-	-	-	-	275,321
Haywood	296,464	87.7	39,500	11.7	-	-	-	-	-	-	2,160	0.6	338,124

Table 22. Condition of Buildings: Gross Square Footage

Institution	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	Sq. Ft.
Isothermal	356,527	100.0	-	-	-	-	-	-	-	-	-	-	356,527
James Sprunt	163,986	98.4	-	-	-	-	2,664	1.6	-	-	-	-	166,650
Johnston	461,518	100.0	-	-	-	-	-	-	-	-	-	-	461,518
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	205,440	100.0	-	-	-	-	-	-	-	-	-	-	205,440
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	263,595	100.0	-	-	-	-	-	-	-	-	-	-	263,595
Pamlico	84,556	98.3	-	-	1,479	1.7	-	-	-	-	-	-	86,035
Piedmont	184,463	100.0	-	-	-	-	-	-	-	-	-	-	184,463
Pitt	516,501	88.1	-	-	-	-	69,551	11.9	-	-	-	-	586,052
Randolph	287,768	72.5	31,080	7.8	77,974	19.6	-	-	-	-	-	-	396,822
Richmond	253,209	100.0	-	-	-	-	-	-	-	-	-	-	253,209
Roanoke-Chowan	167,421	100.0	-	-	-	-	-	-	-	-	-	-	167,421
Robeson	279,660	100.0	-	-	-	-	-	-	-	-	-	-	279,660
Rockingham	327,731	100.0	-	-	-	-	-	-	-	-	-	-	327,731
Rowan-Cabarrus	475,830	91.7	-	-	43,034	8.3	-	-	-	-	-	-	518,864
Sampson	192,169	96.4	-	-	-	-	7,245	3.6	-	-	-	-	199,414
Sandhills	405,222	80.5	57,779	11.5	-	-	40,482	8.0	-	-	-	-	503,483
South Piedmont	404,558	100.0	-	-	-	-	-	-	-	-	-	-	404,558
Southeastern	95,333	38.6	64,775	26.2	79,092	32.0	7,800	3.2	-	-	-	-	247,000
Southwestern	294,802	100.0	-	-	-	-	-	-	-	-	-	-	294,802
Stanly	227,972	100.0	-	-	-	-	-	-	-	-	-	-	227,972
Surry	445,655	100.0	-	-	-	-	-	-	-	-	-	-	445,655
Tri-County	153,025	99.4	-	-	-	-	-	-	-	-	864	0.6	153,889
Vance-Granville	390,209	96.1	-	-	16,000	3.9	-	-	-	-	-	-	406,209
Wake	1,648,126	94.1	-	-	-	-	104,266	5.9	-	-	-	-	1,752,392
Wayne	402,962	100.0	-	-	-	-	-	-	-	-	-	-	402,962
Western Piedmont	346,592	86.9	-	-	51,822	13.0	360	0.1	-	-	-	-	398,774
Wilkes	424,438	99.2	-	-	-	-	-	-	-	-	3,515	0.8	427,953
Wilson	209,319	100.0	-	-	-	-	-	-	-	-	-	-	209,319
Subtotal	***25,268,935***	***88.2***	***1,719,097***	***6.0***	***779,864***	***2.7***	***826,726***	***2.9***	***294***	***0.0***	***47,873***	***0.2***	***28,642,789***
Private Institutions													
NC Private Universities													
Barton	495,166	100.0	-	-	-	-	-	-	-	-	-	-	495,166
Campbell	1,565,135	94.6	45,196	2.7	44,283	2.7	-	-	-	-	-	-	1,654,614
Mars Hill	356,547	44.3	260,554	32.4	110,483	13.7	77,230	9.6	-	-	-	-	804,814
Pfeiffer	533,051	95.5	9,444	1.7	13,670	2.4	-	-	1,984	0.4	-	-	558,149
Subtotal	***2,949,899***	***84.0***	***315,194***	***9.0***	***168,436***	***4.8***	***77,230***	***2.2***	***1,984***	***0.1***	***-***	***-***	***3,512,743***
Grand Total	***91,655,427***	***76.1***	***14,743,367***	***12.2***	***7,502,256***	***6.2***	***6,295,484***	***5.2***	***173,719***	***0.1***	***62,103***	***0.1***	***120,432,356***

Table 22a. FCAP 2014: Facilities Maintenance and Repair

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

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

TABLE 23:

ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

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

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

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

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

Condition	**Cost Midpoint**
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	1,108	$1,141,431,299	$4,311,900,892	495	7,466,619	$756,374,715
NC State Veterinary Med	39	$105,227,698	$297,161,098	14	62,067	$3,709,380
UNC-Chapel Hill	380	$1,458,383,428	$3,532,838,874	68	3,076,289	$224,269,048
UNC-Chapel Hill Hlth Aff.	110	$819,059,039	$1,852,559,002	23	787,825	$68,719,917
Subtotal	***1,637***	***$3,524,101,464***	***$9,994,459,866***	***600***	***11,392,800***	***$1,053,073,060***
Doctoral Universities I and II						
East Carolina	156	$335,770,811	$1,325,383,743	102	3,402,542	$414,058,439
East Carolina Hlth Aff.	54	$266,583,574	$511,225,858	22	570,128	$51,451,825
NC A&T	119	$224,881,807	$916,094,727	44	1,571,333	$280,397,144
UNC Charlotte	109	$943,504,911	$1,735,330,687	30	1,492,144	$103,068,165
UNC Greensboro	119	$371,020,881	$2,278,001,145	31	1,614,550	$212,078,423
Subtotal	***557***	***$2,141,761,984***	***$6,766,036,160***	***229***	***8,650,697***	***$1,061,053,996***
Master's (Comprehensive) Universities and Colleges I						
Appalachian	94	$459,449,700	$1,101,478,262	14	434,191	$27,960,806
Fayetteville	52	$138,434,650	$301,203,783	10	124,445	$4,550,834
NC Central	65	$234,103,970	$772,279,326	18	339,622	$40,947,206
UNC Pembroke	50	$159,083,287	$380,187,232	2	42,980	$1,859,050
UNC Wilmington	153	$446,422,537	$805,614,296	2	35,147	$3,810,789
Western Carolina	106	$261,595,364	$638,866,467	44	1,193,522	$45,982,409
Winston-Salem	51	$167,038,928	$379,693,364	25	748,786	$42,781,802
Subtotal	***571***	***$1,866,128,436***	***$4,379,322,730***	***115***	***2,918,693***	***$167,892,896***
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City	60	$123,231,497	$311,197,710	25	438,958	$23,697,067
UNC Asheville	38	$193,745,600	$487,790,261	26	1,126,348	$144,896,189
Subtotal	***98***	***$316,977,097***	***$798,987,971***	***51***	***1,565,306***	***$168,593,256***
Schools of Art, Music, and Design						
UNC School of the Arts	66	$74,784,297	$227,278,854	26	312,735	$15,379,117
Subtotal	***66***	***$74,784,297***	***$227,278,854***	***26***	***312,735***	***$15,379,117***
Teaching Hospitals						
UNC Hospitals	30	$456,844,106	$915,476,505	-	-	-
Subtotal	***30***	***$456,844,106***	***$915,476,505***	***-***	***-***	***-***
Community Colleges						
Alamance	15	$28,900,315	$162,894,122	-	-	-
Asheville-Buncombe	24	$119,206,462	$219,421,086	1	147,275	$14,715,886
Beaufort Co.	17	$22,638,835	$46,295,191	-	-	-
Bladen	24	$8,626,162	$24,190,822	2	2,940	$268,542
Blue Ridge	15	$35,342,638	$71,576,337	-	-	-
Brunswick	19	$43,507,286	$73,913,101	3	26,721	$1,525,220
Caldwell	24	$46,472,818	$99,595,490	-	-	-
Cape Fear	36	$179,903,122	$294,418,672	9	230,788	$16,974,758
Carteret	17	$17,478,813	$46,630,813	4	14,044	$1,293,323
Catawba Valley	18	$34,390,838	$86,509,306	-	-	-
Central Carolina	36	$39,674,645	$102,443,540	1	14,250	$305,129
Central Piedmont	52	$322,746,820	$609,788,301	23	1,305,639	$59,760,343
Cleveland	14	$22,983,131	$71,547,615	-	-	-
Coastal Carolina	15	$25,802,443	$65,051,196	-	-	-
Coll. of Albemarle	24	$28,161,752	$156,236,903	5	40,418	$3,681,097
Craven	15	$31,819,139	$64,818,020	-	-	-
Davidson County	29	$27,794,875	$91,163,118	-	-	-
Durham	18	$34,355,718	$95,870,053	-	-	-
Edgecombe	12	$19,385,035	$45,687,518	-	-	-
Fayetteville	39	$62,202,854	$147,024,383	1	199	$11,415
Forsyth	36	$83,290,943	$163,708,197	-	-	-
Gaston	28	$88,906,476	$174,649,316	-	-	-

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

Institution	Total No. of Facilities	Original Building Cost	Estimated Replacement Cost	No. of Less Than Satisfactory Facilities	GSF of Less Than Satisfactory Facilities	Estimated Cost of Restoring Facilities to Satisfactory Condition
Guilford	58	$160,455,306	$394,976,368	20	686,134	$61,775,841
Halifax	16	$17,710,747	$40,537,327	-	-	-
Haywood	24	$29,877,809	$57,898,874	2	41,660	$1,374,671
Isothermal	24	$22,032,786	$64,523,685	-	-	-
James Sprunt	12	$8,500,536	$26,749,300	2	2,664	$213,530
Johnston	24	$37,454,972	$87,565,270	-	-	-
Lenoir	27	$25,869,008	$65,325,785	-	-	-
Martin	12	$4,891,455	$23,082,295	-	-	-
Mayland	16	$14,150,346	$31,267,631	1	294	$44,450
McDowell	11	$10,404,072	$37,283,556	-	-	-
Mitchell	28	$19,772,528	$63,968,500	11	203,710	$16,274,059
Montgomery	7	$8,850,023	$21,210,768	-	-	-
Nash	11	$21,722,044	$45,110,370	-	-	-
Pamlico	9	$8,017,519	$16,926,958	1	1,479	$95,087
Piedmont	20	$12,715,560	$31,669,634	-	-	-
Pitt	27	$60,977,600	$108,197,746	2	69,551	$8,336,041
Randolph	31	$26,649,405	$61,174,553	4	109,054	$5,438,688
Richmond	11	$23,990,083	$52,789,803	-	-	-
Roanoke-Chowan	9	$9,704,773	$28,945,798	-	-	-
Robeson	20	$21,781,650	$51,396,371	-	-	-
Rockingham	16	$15,121,026	$52,806,094	-	-	-
Rowan-Cabarrus	23	$56,240,969	$112,203,090	1	43,034	$2,623,792
Sampson	14	$16,606,673	$36,145,714	1	7,245	$1,327,700
Sandhills	25	$46,740,829	$97,214,074	4	98,261	$5,669,250
South Piedmont	19	$14,370,493	$66,836,497	-	-	-
Southeastern	23	$14,862,069	$53,471,350	12	151,667	$10,867,604
Southwestern	16	$26,004,951	$53,219,812	-	-	-
Stanly	15	$12,860,020	$43,724,268	-	-	-
Surry	23	$27,967,296	$73,618,847	-	-	-
Tri-County	20	$7,274,907	$25,626,291	1	864	$83,596
Vance-Granville	21	$31,600,629	$73,908,858	1	16,000	$174,981
Wake	38	$154,032,119	$258,211,806	2	104,266	$1,972,242
Wayne	19	$36,345,550	$78,425,798	-	-	-
Western Piedmont	33	$16,937,679	$62,091,518	12	52,182	$433,037
Wilkes	26	$27,846,862	$70,834,980	1	3,515	$122,692
Wilson	15	$10,922,905	$36,473,291	-	-	-
Subtotal	***1,270***	***$2,384,854,319***	***$5,418,845,980***	***127***	***3,373,854***	***$215,362,974***
			Private Institutions			
NC Private Universities						
Barton	31	$53,222,350	$120,038,985	-	-	-
Campbell	131	$166,589,058	$333,277,535	11	89,479	$4,584,130
Mars Hill	41	$31,771,755	$137,387,342	23	448,267	$23,646,070
Pfeiffer	47	$16,936,297	$90,976,274	5	25,098	$1,294,342
Subtotal	***250***	***$268,519,460***	***$681,680,136***	***39***	***562,844***	***$29,524,542***
Grand Total	***4,479***	***$11,033,971,163***	***$29,182,088,202***	***1,187***	***28,776,929***	***$2,710,879,841***

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Montague Hall, Wake Technical Community College

Completed in March 2014, Montague Hall was built to meet the growing need for classroom and administrative space at Wake Technical Community College. The $10.5 million, 48,000 square foot building was designed to optimize space, to create an inviting and multi-functional facility for students, administrative staff and visitors, and to meet LEED Silver standards.

Montague Hall includes four general-purpose/technology classrooms, conference space, and administrative offices including the Office of the President, Communications, Finance, Legal, College Development, Human Resources, Continuing and Curriculum Education, and Facilities. A primary circulation spine provides a buffer between the classrooms and offices creating a modern and interactive public space that includes digital displays communicating the history, geography, and people that comprise Wake Technical Community College.

Accessibility of Facilities to the Mobility Impaired

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

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TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

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

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

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

The definition of building space accessibility in the 2006 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 2009 edition of the N.C. Manual) includes *approach to* a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheel-chair 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 2014	2013	2012	2011	2010
Public Institutions							
Research Universities I							
NC State	8,890,870	7,292,890	82.0	81.8	80.0	73.4	71.2
NC State Veterinary Med	426,169	380,233	89.2	89.3	89.3	81.0	77.4
UNC-Chapel Hill	7,264,128	7,241,385	99.7	99.9	91.3	91.0	91.0
UNC-Chapel Hill Hlth Aff.	2,688,346	2,672,096	99.4	99.9	98.3	98.4	98.3
Subtotal	***19,269,513***	***17,586,604***	***91.3***	***91.3***	***87.2***	***83.8***	***82.7***
Doctoral Universities I and II							
East Carolina	3,218,401	2,677,774	83.2	84.5	97.1	88.1	100.0
East Carolina Hlth Aff.	875,753	873,852	99.8	100.0	99.8	99.8	100.0
NC A&T	2,253,845	2,019,136	89.6	92.3	92.2	92.3	92.0
UNC Charlotte	3,738,962	3,475,432	93.0	94.0	93.0	92.7	94.5
UNC Greensboro	3,027,887	2,657,246	87.8	88.5	89.4	83.8	86.3
Subtotal	***13,114,848***	***11,703,440***	***89.2***	***90.4***	***93.6***	***89.8***	***94.1***
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,820,633	2,318,814	82.2	82.2	82.0	81.7	80.1
Fayetteville	903,039	760,948	84.3	90.9	90.5	89.8	89.0
NC Central	1,458,957	1,318,532	90.4	90.4	90.4	90.1	86.7
UNC Pembroke	1,025,855	917,510	89.4	89.5	89.5	89.0	87.5
UNC Wilmington	2,275,241	2,251,002	98.9	80.3	78.8	100.0	93.4
Western Carolina	2,029,026	1,507,944	74.3	74.3	74.3	73.7	73.6
Winston-Salem	1,202,525	1,040,616	86.5	84.0	84.0	83.6	83.6
Subtotal	***11,715,276***	***10,115,366***	***86.3***	***83.0***	***82.5***	***86.3***	***84.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	860,493	717,143	83.3	83.4	83.4	83.2	82.6
UNC Asheville	902,504	875,582	97.0	96.5	96.5	96.3	94.2
Subtotal	***1,762,997***	***1,592,725***	***90.3***	***90.0***	***90.1***	***89.7***	***88.2***
Schools of Art, Music, and Design							
UNC School of the Arts	740,404	638,136	86.2	82.9	79.1	77.1	77.1
Subtotal	***740,404***	***638,136***	***86.2***	***82.9***	***79.1***	***77.1***	***77.1***
Teaching Hospitals							
UNC Hospitals	1,358,302	1,194,182	87.9	87.9	87.9	87.9	87.9
Subtotal	***1,358,302***	***1,194,182***	***87.9***	***87.9***	***87.9***	***87.9***	***87.9***
Community Colleges							
Alamance	238,366	238,005	99.8	99.8	99.6	99.6	99.6
Asheville-Buncombe	514,143	498,063	96.9	96.9	96.5	96.2	96.2
Beaufort Co.	189,556	189,075	99.7	99.7	99.7	99.7	99.7
Bladen	110,859	109,234	98.5	98.1	98.2	98.2	98.2
Blue Ridge	290,539	290,539	100.0	100.0	100.0	100.0	100.0
Brunswick	254,175	246,370	96.9	96.9	96.8	96.8	96.6
Caldwell	351,691	349,008	99.2	99.2	99.2	99.2	99.2
Cape Fear	614,635	606,908	98.7	98.7	98.4	98.4	99.2
Carteret	167,592	158,277	94.4	94.4	94.4	94.3	94.3
Catawba Valley	371,707	370,972	99.8	99.8	99.8	99.8	99.8
Central Carolina	398,976	397,410	99.6	99.6	99.6	99.6	99.6
Central Piedmont	1,346,953	1,329,640	98.7	98.8	98.8	98.7	98.7
Cleveland	208,136	206,926	99.4	99.4	99.4	99.4	99.4
Coastal Carolina	221,248	220,284	99.6	99.6	99.6	99.6	99.6
Coll. of Albemarle	268,273	268,173	100.0	100.0	100.0	100.0	100.0
Craven	211,127	200,914	95.2	95.1	95.1	95.0	95.0
Davidson County	310,482	302,547	97.4	97.4	97.4	97.3	96.7
Durham	343,079	303,215	88.4	88.4	88.4	88.3	88.1
Edgecombe	169,774	161,865	95.3	95.3	95.3	95.3	95.3
Fayetteville	632,069	599,535	94.9	94.8	94.5	94.2	94.1
Forsyth	668,782	661,682	98.9	98.9	98.8	98.6	98.6
Gaston	476,877	450,932	94.6	94.5	94.5	94.4	93.6
Guilford	1,187,991	1,114,511	93.8	94.2	94.2	93.6	95.0
Halifax	187,362	186,839	99.7	99.7	99.7	99.7	99.7

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2014	2013	2012	2011	2010
Haywood	240,434	235,082	97.8	97.4	97.1	93.0	92.7
Isothermal	242,357	219,721	90.7	92.7	92.5	91.9	91.9
James Sprunt	117,343	111,896	95.4	95.4	93.9	93.9	93.9
Johnston	327,530	321,259	98.1	98.1	98.2	98.2	98.0
Lenoir	320,365	316,284	98.7	98.3	97.4	96.4	96.9
Martin	170,782	146,952	86.0	86.0	86.0	86.0	86.0
Mayland	113,860	109,948	96.6	96.5	96.8	96.9	96.5
McDowell	153,130	151,034	98.6	98.2	98.2	98.2	98.2
Mitchell	268,682	243,731	90.7	90.8	90.8	90.8	90.1
Montgomery	92,469	92,445	100.0	100.0	100.0	100.0	100.0
Nash	175,759	174,038	99.0	99.0	99.0	99.0	99.0
Pamlico	55,243	54,694	99.0	99.0	99.0	99.0	97.8
Piedmont	145,573	143,908	98.9	98.8	98.8	98.8	98.8
Pitt	378,859	378,485	99.9	99.9	99.9	99.2	99.1
Randolph	296,388	295,905	99.8	99.8	99.8	99.8	99.8
Richmond	177,758	166,291	93.5	93.6	93.1	93.3	93.3
Roanoke-Chowan	117,493	113,825	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	230,853	214,209	92.8	92.8	92.8	92.8	92.8
Rowan-Cabarrus	378,894	378,867	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	327,042	317,199	97.0	96.5	97.0	96.8	96.8
South Piedmont	328,178	287,496	87.6	87.4	85.1	85.0	84.8
Southeastern	183,581	181,928	99.1	99.1	98.9	98.1	98.2
Southwestern	203,425	196,946	96.8	96.8	96.9	96.5	96.5
Stanly	152,384	151,912	99.7	99.7	99.7	99.7	99.7
Surry	312,069	310,651	99.5	98.2	98.1	98.1	97.8
Tri-County	117,427	114,410	97.4	97.4	97.4	97.4	97.4
Vance-Granville	264,141	257,672	97.6	97.6	97.3	97.3	97.3
Wake	881,238	870,115	98.7	98.7	98.7	98.5	96.6
Wayne	262,254	260,044	99.2	99.1	99.1	99.0	99.0
Western Piedmont	288,461	245,756	85.2	85.1	83.2	83.2	83.2
Wilkes	313,434	308,558	98.4	98.4	98.4	98.3	98.3
Wilson	143,540	140,397	97.8	97.8	97.8	97.8	97.8
Subtotal	***17,855,634***	***17,311,667***	***97.0***	***97.0***	***96.8***	***96.6***	***96.5***
		Private Institutions					
NC Private Universities							
Barton	350,454	328,517	93.7	93.7	93.8	93.8	93.8
Campbell	1,127,462	825,939	73.3	73.1	71.8	71.8	72.0
Mars Hill	543,596	318,610	58.6	58.6	58.2	58.2	58.2
Pfeiffer	373,986	197,229	52.7	52.7	52.7	52.7	53.2
Subtotal	***2,395,498***	***1,670,295***	***69.7***	***69.7***	***68.9***	***68.9***	***69.0***
Grand Total	***68,212,472***	***61,812,415***	***90.6***	***90.2***	***89.4***	***88.3***	***88.3***

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TABLE 25:

ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

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

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

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

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

Table 25. Percentage Distribution of Accessible Area by Summary Programs

	Accessible Sq. Ft.	In-struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un-assigned 00
					Public Institutions					
Research Universities I										
NC State	7,292,890	91.9	81.8	83.1	97.7	72.4	89.2	82.5	88.7	65.5
NC State Veterinary Med	380,233	68.3	92.2	98.7	99.7	100.0	100.0	90.8	100.0	-
UNC-Chapel Hill	7,241,385	99.8	99.9	99.7	100.0	99.9	99.9	100.0	99.8	89.0
UNC-Chapel Hill Hlth Aff.	2,672,096	99.6	99.9	99.8	99.8	99.9	100.0	99.8	100.0	95.4
Subtotal	***17,586,604***	***95.7***	***89.2***	***92.2***	***99.1***	***88.0***	***94.4***	***94.1***	***93.7***	***80.8***
Doctoral Universities I and II										
East Carolina	2,677,774	92.7	59.2	93.8	97.8	97.1	66.4	33.1	100.0	2.8
East Carolina Hlth Aff.	873,852	99.7	100.0	100.0	98.9	100.0	100.0	100.0	-	100.0
NC A&T	2,019,136	97.3	87.2	100.0	96.1	75.1	98.9	78.1	100.0	98.5
UNC Charlotte	3,475,432	96.7	99.1	100.0	95.1	94.6	91.4	70.9	-	67.9
UNC Greensboro	2,657,246	95.8	94.7	95.1	89.4	82.8	96.0	76.3	92.0	1.3
Subtotal	***11,703,440***	***95.8***	***92.1***	***99.5***	***94.7***	***89.2***	***88.2***	***61.0***	***98.2***	***40.5***
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,318,814	89.3	73.4	32.7	100.0	78.5	79.0	88.9	100.0	100.0
Fayetteville	760,948	98.4	100.0	100.0	100.0	65.1	96.8	100.0	88.0	86.9
NC Central	1,318,532	90.9	98.1	96.5	94.9	91.3	76.8	76.0	99.5	88.2
UNC Pembroke	917,510	97.2	100.0	100.0	100.0	81.7	98.9	99.8	-	53.3
UNC Wilmington	2,251,002	100.0	100.0	100.0	100.0	100.0	99.7	100.0	-	31.2
Western Carolina	1,507,944	94.2	91.3	100.0	95.5	60.4	54.7	98.4	100.0	89.3
Winston-Salem	1,040,616	87.6	100.0	95.6	94.7	89.1	61.6	92.6	100.0	49.2
Subtotal	***10,115,366***	***93.4***	***96.6***	***58.8***	***97.9***	***81.7***	***79.9***	***94.9***	***98.7***	***78.4***
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	717,143	95.5	100.0	100.0	99.1	74.9	77.3	100.0	-	57.7
UNC Asheville	875,582	100.0	100.0	100.0	99.5	95.9	85.3	96.4	100.0	100.0
Subtotal	***1,592,725***	***97.4***	***100.0***	***100.0***	***99.3***	***85.8***	***80.7***	***96.9***	***100.0***	***64.1***
Schools of Art, Music, and Design										
UNC School of the Arts	638,136	93.5	-	100.0	86.6	84.5	67.7	96.6	100.0	53.4
Subtotal	***638,136***	***93.5***	***-***	***100.0***	***86.6***	***84.5***	***67.7***	***96.6***	***100.0***	***53.4***
Teaching Hospitals										
UNC Hospitals	1,194,182	100.0	100.0	85.3	-	-	100.0	98.5	100.0	100.0
Subtotal	***1,194,182***	***100.0***	***100.0***	***85.3***	***-***	***-***	***100.0***	***98.5***	***100.0***	***100.0***
Community Colleges										
Alamance	238,005	99.8	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Asheville-Buncombe	498,063	97.8	-	100.0	100.0	97.9	83.4	100.0	97.8	95.6
Beaufort Co.	189,075	99.9	-	100.0	100.0	99.4	98.6	100.0	100.0	-
Bladen	109,234	97.9	-	100.0	100.0	100.0	98.4	100.0	-	-
Blue Ridge	290,539	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	349,008	99.8	-	100.0	100.0	95.5	96.4	100.0	100.0	100.0
Cape Fear	606,908	98.5	100.0	100.0	100.0	98.2	99.5	99.5	100.0	100.0
Carteret	158,277	96.4	-	-	72.2	91.5	97.7	100.0	100.0	-
Catawba Valley	370,972	99.7	-	-	100.0	100.0	100.0	-	100.0	100.0
Central Carolina	397,410	99.6	-	100.0	98.5	100.0	100.0	100.0	100.0	100.0
Central Piedmont	1,329,640	99.2	-	97.5	99.3	99.4	97.0	94.3	100.0	91.2
Cleveland	206,926	100.0	-	100.0	100.0	100.0	93.1	100.0	-	100.0
Coastal Carolina	220,284	100.0	-	100.0	100.0	100.0	92.8	100.0	-	-
Coll. of Albemarle	268,173	99.9	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Craven	200,914	99.2	-	100.0	59.2	100.0	97.2	85.1	99.6	-
Davidson County	302,547	98.5	-	54.4	97.1	100.0	99.9	100.0	89.9	-
Durham	303,215	99.7	-	-	99.9	100.0	93.8	7.9	100.0	-
Edgecombe	161,865	93.9	-	100.0	98.1	100.0	100.0	100.0	76.2	-
Fayetteville	599,535	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
Gaston	450,932	93.8	100.0	-	100.0	98.6	87.2	80.2	100.0	100.0
Guilford	1,114,511	93.4	-	95.2	85.4	91.9	91.8	94.2	100.0	96.7
Halifax	186,839	100.0	-	98.8	100.0	100.0	99.1	98.4	100.0	-

Table 25. Percentage Distribution of Accessible Area by Summary Programs

	Accessible Sq. Ft.	In-struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un-assigned 00
Haywood	235,082	97.9	-	100.0	100.0	100.0	92.8	100.0	100.0	-
Isothermal	219,721	92.0	-	100.0	46.2	100.0	99.5	88.0	100.0	-
James Sprunt	111,896	96.0	-	100.0	100.0	100.0	100.0	66.7	-	0.0
Johnston	321,259	99.9	-	-	100.0	99.7	95.1	72.8	100.0	-
Lenoir	316,284	98.3	-	100.0	98.8	100.0	99.6	100.0	99.7	-
Martin	146,952	94.1	-	100.0	96.1	72.2	94.4	100.0	100.0	-
Mayland	109,948	99.9	-	22.9	100.0	100.0	88.1	73.9	100.0	100.0
McDowell	151,034	98.4	-	100.0	100.0	98.8	98.5	100.0	100.0	100.0
Mitchell	243,731	95.5	-	100.0	99.0	73.8	81.7	93.6	100.0	86.8
Montgomery	92,445	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Nash	174,038	99.5	-	100.0	100.0	99.8	90.4	100.0	100.0	-
Pamlico	54,694	99.9	-	100.0	100.0	100.0	99.0	76.9	100.0	-
Piedmont	143,908	98.3	-	97.6	100.0	100.0	99.7	100.0	100.0	-
Pitt	378,485	100.0	-	-	99.2	100.0	99.6	100.0	100.0	100.0
Randolph	295,905	99.9	-	-	100.0	99.8	99.5	100.0	100.0	100.0
Richmond	166,291	95.2	-	99.8	100.0	50.3	97.2	45.2	100.0	-
Roanoke-Chowan	113,825	100.0	-	100.0	100.0	100.0	64.3	100.0	100.0	-
Robeson	201,215	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	214,209	89.5	-	97.5	98.9	99.1	99.9	100.0	99.4	100.0
Rowan-Cabarrus	378,867	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	99.9
Sampson	137,870	98.7	-	100.0	100.0	100.0	99.5	100.0	100.0	-
Sandhills	317,199	98.8	-	-	99.9	99.4	73.0	15.0	100.0	-
South Piedmont	287,496	100.0	-	100.0	100.0	100.0	98.1	99.7	100.0	59.7
Southeastern	181,928	99.9	-	100.0	100.0	99.8	100.0	100.0	100.0	89.0
Southwestern	196,946	97.3	-	100.0	100.0	100.0	98.8	2.4	100.0	100.0
Stanly	151,912	100.0	-	100.0	100.0	100.0	97.4	100.0	100.0	-
Surry	310,651	100.0	-	100.0	100.0	100.0	91.3	100.0	100.0	100.0
Tri-County	114,410	98.6	-	100.0	89.6	100.0	94.1	100.0	-	-
Vance-Granville	257,672	99.3	-	100.0	89.8	99.8	85.3	100.0	100.0	99.6
Wake	870,115	99.6	-	-	100.0	100.0	90.9	86.2	100.0	100.0
Wayne	260,044	98.8	-	100.0	100.0	100.0	98.6	100.0	100.0	-
Western Piedmont	245,756	99.9	-	-	100.0	99.1	95.8	44.6	100.0	25.5
Wilkes	308,558	99.1	-	92.3	100.0	94.9	99.7	100.0	98.7	100.0
Wilson	140,397	98.5	-	100.0	97.3	100.0	93.6	100.0	-	-
Subtotal	***17,311,667***	***98.2***	***100.0***	***97.3***	***97.0***	***96.9***	***95.1***	***84.1***	***98.4***	***87.1***
				Private Institutions						
NC Private Universities										
Barton	328,517	99.9	-	-	99.3	86.4	100.0	100.0	-	100.0
Campbell	825,939	96.9	100.0	-	97.8	59.1	57.4	97.8	60.1	25.9
Mars Hill	318,610	69.9	-	86.1	92.9	45.4	54.3	99.6	-	71.7
Pfeiffer	197,229	85.1	-	100.0	56.0	45.1	25.6	9.0	-	28.4
Subtotal	***1,670,295***	***89.4***	***100.0***	***88.5***	***90.5***	***57.7***	***58.4***	***84.1***	***58.6***	***42.0***
Grand Total	***61,812,415***	***96.5***	***90.1***	***89.6***	***97.0***	***85.4***	***89.2***	***85.0***	***96.8***	***71.7***

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	91.9	-	-	100.0	-	-	-	-
NC State Veterinary Med	68.3	-	-	-	-	-	-	-
UNC-Chapel Hill	99.8	-	-	99.9	99.8	-	-	-
UNC-Chapel Hill Hlth Aff.	99.5	-	100.0	99.9	100.0	-	-	-
Subtotal	***95.6***	***-***	***100.0***	***99.9***	***99.9***	***-***	***-***	***-***
Doctoral Universities I and II								
East Carolina	92.7	-	100.0	-	-	-	-	-
East Carolina Hlth Aff.	99.7	-	100.0	-	100.0	-	-	-
NC A&T	97.3	-	-	-	-	-	-	-
UNC Charlotte	96.7	-	-	-	-	-	-	-
UNC Greensboro	96.0	-	-	-	100.0	-	-	-
Subtotal	***95.8***	***-***	***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	100.0	-	-	100.0	-	-	-	-
Western Carolina	94.1	-	-	100.0	-	-	-	100.0
Winston-Salem	87.5	-	100.0	-	-	-	-	-
Subtotal	***93.4***	***-***	***100.0***	***100.0***	***-***	***-***	***-***	***100.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	95.4	-	100.0	100.0	-	-	-	-
UNC Asheville	100.0	-	-	100.0	-	-	-	100.0
Subtotal	***97.4***	***-***	***100.0***	***100.0***	***-***	***-***	***-***	***100.0***
Schools of Art, Music, and Design								
UNC School of the Arts	93.5	-	-	-	-	-	-	-
Subtotal	***93.5***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
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	97.0	99.1	100.0	98.8	-	-	100.0
Beaufort Co.	100.0	100.0	100.0	100.0	99.4	-	-	-
Bladen	100.0	96.5	-	100.0	100.0	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Brunswick	100.0	98.1	-	100.0	100.0	-	-	100.0
Caldwell	100.0	99.8	100.0	100.0	100.0	-	-	-
Cape Fear	98.5	99.6	100.0	100.0	71.8	-	-	-
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	98.4	99.7	99.4	99.4	99.4	-	-	-
Cleveland	100.0	100.0	-	100.0	100.0	-	100.0	-
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-
Coll. of Albemarle	100.0	99.9	100.0	100.0	100.0	-	-	-
Craven	100.0	98.6	100.0	100.0	100.0	-	-	-
Davidson County	99.2	99.1	100.0	100.0	71.1	-	100.0	-
Durham	91.0	99.9	100.0	100.0	100.0	-	-	-
Edgecombe	100.0	92.3	100.0	100.0	100.0	100.0	-	-
Fayetteville	100.0	97.0	-	100.0	83.4	-	100.0	100.0
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	91.8	100.0	98.5	95.1	-	-	100.0

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

	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	-
Haywood	100.0	97.5	100.0	100.0	100.0	-	-	100.0
Isothermal	94.4	88.5	100.0	100.0	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	-	100.0	-
Lenoir	99.8	96.7	100.0	100.0	100.0	-	-	100.0
Martin	100.0	90.1	100.0	100.0	98.0	-	-	100.0
Mayland	100.0	99.9	100.0	100.0	100.0	-	-	-
McDowell	100.0	98.0	100.0	100.0	100.0	-	-	-
Mitchell	91.6	99.4	100.0	99.7	100.0	-	-	60.1
Montgomery	100.0	100.0	100.0	-	99.0	-	-	-
Nash	100.0	99.3	-	100.0	99.4	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	99.1	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	94.2	100.0	100.0	69.9	-	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Sampson	100.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0
Sandhills	99.9	97.2	100.0	100.0	100.0	-	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	-
Southeastern	99.6	100.0	100.0	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	83.1	-	-	100.0
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	-
Surry	100.0	100.0	100.0	100.0	100.0	-	-	-
Tri-County	100.0	99.8	100.0	100.0	76.1	-	100.0	100.0
Vance-Granville	97.7	100.0	100.0	100.0	100.0	100.0	-	100.0
Wake	100.0	99.5	-	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	98.4	-	100.0	100.0	-	-	-
Wilson	100.0	97.7	100.0	100.0	100.0	-	-	-
Subtotal	***98.9***	***98.3***	***100.0***	***99.2***	***94.3***	***100.0***	***100.0***	***97.3***
			Private Institutions					
NC Private Universities								
Barton	99.9	-	-	-	-	-	-	-
Campbell	96.9	-	-	-	-	-	-	-
Mars Hill	69.9	-	-	-	-	-	-	-
Pfeiffer	85.1	-	-	-	-	-	-	-
Subtotal	***89.4***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Grand Total	***95.4***	***98.3***	***99.4***	***99.3***	***94.5***	***100.0***	***100.0***	***97.6***

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	62.9	86.7	-	100.0	85.4	80.5	100.0
NC State Veterinary Med	-	92.2	100.0	97.0	-	100.0	-
UNC-Chapel Hill	97.6	100.0	100.0	100.0	99.6	100.0	99.9
UNC-Chapel Hill Hlth Aff.	100.0	99.9	100.0	99.6	100.0	100.0	-
Subtotal	***66.7***	***92.6***	***100.0***	***98.9***	***87.7***	***81.1***	***99.9***
Doctoral Universities I and II							
East Carolina	28.2	95.4	-	57.7	100.0	-	93.1
East Carolina Hlth Aff.	-	100.0	100.0	100.0	100.0	-	-
NC A&T	98.5	82.3	-	-	100.0	100.0	100.0
UNC Charlotte	99.2	99.0	-	-	100.0	-	-
UNC Greensboro	-	94.7	99.8	-	86.9	-	-
Subtotal	***83.4***	***94.9***	***100.0***	***99.1***	***98.5***	***100.0***	***97.1***
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	100.0	100.0	-	-	100.0	-	-
Western Carolina	83.7	100.0	-	-	100.0	-	100.0
Winston-Salem	-	100.0	-	-	95.4	-	100.0
Subtotal	***97.2***	***96.1***	***100.0***	***-***	***52.3***	***-***	***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	-	-
Forsyth	-	-	-	-	100.0	-	100.0
Gaston	-	100.0	-	-	-	-	-
Guilford	-	-	-	-	95.2	-	-

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

	Institutes & Research Centers	Individual or Project Research	Direct Patient Care	Health Care Services	Community Services	Cooperative Extension Services	Public Broadcasting Services
	21	22	31	32	33	34	35
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	-	-	-	100.0	-	-	-
Tri-County	-	-	-	-	100.0	-	-
Vance-Granville	-	-	-	100.0	100.0	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	100.0	-	-
Western Piedmont	-	-	-	-	-	-	-
Wilkes	-	-	-	100.0	-	-	-
Wilson	-	-	-	-	100.0	-	-
Subtotal	***-***	***100.0***	***-***	***100.0***	***97.0***	***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	***74.1***	***93.1***	***89.1***	***92.3***	***87.4***	***83.2***	***98.2***

Table 25b. Accessible Area by Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
				Public Institutions				
Research Universities I								
NC State	99.8	-	100.0	90.2	56.2	98.7	-	100.0
NC State Veterinary Med	100.0	-	100.0	100.0	100.0	99.1	-	-
UNC-Chapel Hill	100.0	100.0	100.0	100.0	100.0	99.8	100.0	99.8
UNC-Chapel Hill Hlth Aff.	99.9	100.0	98.5	100.0	99.7	99.8	100.0	100.0
Subtotal	***99.9***	***86.4***	***100.0***	***95.5***	***95.6***	***99.3***	***100.0***	***99.8***
Doctoral Universities I and II								
East Carolina	98.7	100.0	100.0	100.0	100.0	87.6	-	-
East Carolina Hlth Aff.	98.5	-	100.0	-	100.0	100.0	-	-
NC A&T	100.0	100.0	100.0	100.0	95.0	90.1	-	-
UNC Charlotte	94.2	96.9	98.5	93.6	100.0	96.5	100.0	-
UNC Greensboro	85.4	99.6	100.0	34.0	98.1	93.1	-	100.0
Subtotal	***95.1***	***99.6***	***99.5***	***77.3***	***95.6***	***93.9***	***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	100.0	100.0	-	100.0	-	100.0	-	100.0
Western Carolina	100.0	82.7	57.6	18.4	100.0	93.1	-	100.0
Winston-Salem	100.0	92.9	100.0	100.0	31.2	91.9	-	-
Subtotal	***99.9***	***91.8***	***96.6***	***95.8***	***87.2***	***96.6***	***-***	***100.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	100.0	100.0	-	100.0	87.5	100.0	-	-
UNC Asheville	100.0	100.0	100.0	100.0	-	100.0	-	-
Subtotal	***100.0***	***100.0***	***100.0***	***100.0***	***87.5***	***100.0***	***-***	***-***
Schools of Art, Music, and Design								
UNC School of the Arts	100.0	100.0	100.0	42.2	100.0	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	-	-	-	-	100.0	-	-
Blue Ridge	100.0	100.0	100.0	-	-	100.0	-	100.0
Brunswick	100.0	-	100.0	100.0	-	100.0	-	-
Caldwell	100.0	-	100.0	-	-	100.0	-	-
Cape Fear	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Carteret	100.0	-	-	-	-	80.1	-	-
Catawba Valley	100.0	100.0	100.0	100.0	-	100.0	-	-
Central Carolina	98.2	-	100.0	-	100.0	100.0	-	-
Central Piedmont	99.8	100.0	91.4	100.0	-	99.7	100.0	99.6
Cleveland	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	-	-
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	99.8	-	100.0	-	51.5	97.3	-	-

Table 25b. Accessible Area by Academic Support Subprograms

	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Dev. 47	Academic Personnel Dev. 48
Halifax	100.0	-	-	-	100.0	100.0	-	-
Haywood	100.0	100.0	100.0	100.0	-	100.0	-	-
Isothermal	16.2	-	-	-	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Johnston	100.0	100.0	100.0	-	100.0	100.0	-	100.0
Lenoir	98.2	100.0	100.0	100.0	-	100.0	-	-
Martin	100.0	-	-	-	-	84.1	-	-
Mayland	100.0	-	100.0	-	-	100.0	-	-
McDowell	100.0	100.0	-	-	-	100.0	-	-
Mitchell	99.6	100.0	100.0	-	-	97.6	-	-
Montgomery	100.0	-	-	-	-	100.0	-	-
Nash	100.0	100.0	-	-	-	100.0	-	100.0
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	-	97.7	-	-
Randolph	100.0	-	100.0	100.0	-	100.0	-	-
Richmond	100.0	-	100.0	100.0	-	100.0	-	-
Roanoke-Chowan	100.0	-	-	-	-	100.0	-	-
Robeson	100.0	-	100.0	-	-	100.0	-	-
Rockingham	100.0	100.0	-	-	100.0	92.2	-	-
Rowan-Cabarrus	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0
Sampson	100.0	-	-	100.0	-	100.0	-	-
Sandhills	99.8	100.0	100.0	-	100.0	100.0	-	-
South Piedmont	100.0	-	100.0	-	-	100.0	-	-
Southeastern	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Southwestern	100.0	-	100.0	100.0	100.0	100.0	-	-
Stanly	100.0	-	100.0	100.0	-	100.0	-	-
Surry	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County	82.3	-	-	100.0	100.0	100.0	-	-
Vance-Granville	78.8	-	-	-	100.0	100.0	-	-
Wake	100.0	-	100.0	-	100.0	100.0	-	-
Wayne	100.0	-	100.0	100.0	100.0	100.0	100.0	-
Western Piedmont	100.0	-	100.0	100.0	-	100.0	-	-
Wilkes	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson	99.3	-	-	-	-	100.0	-	-
Subtotal	***97.3***	***100.0***	***98.8***	***99.8***	***87.2***	***98.8***	***100.0***	***99.9***
			Private Institutions					
NC Private Universities								
Barton	100.0	100.0	100.0	-	-	91.0	-	-
Campbell	100.0	100.0	91.9	100.0	100.0	90.2	100.0	100.0
Mars Hill	100.0	74.4	100.0	-	-	44.7	-	-
Pfeiffer	49.1	-	100.0	-	-	100.0	-	100.0
Subtotal	***90.6***	***89.9***	***96.7***	***100.0***	***100.0***	***85.0***	***100.0***	***100.0***
Grand Total	***97.9***	***93.9***	***98.9***	***93.4***	***92.0***	***96.6***	***100.0***	***98.7***

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

	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter-coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
						Public Institutions						
Research Universities I												
NC State	87.4	95.0	96.8	100.0	66.3	87.7	99.2	100.0	90.2	100.0	85.3	58.9
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	99.9	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	***96.9***	***97.6***	***98.5***	***99.5***	***84.6***	***95.9***	***99.5***	***100.0***	***96.6***	***99.9***	***97.2***	***78.7***
Doctoral Universities I and II												
East Carolina	60.0	86.2	78.4	100.0	100.0	98.4	96.3	61.9	17.6	100.0	100.0	64.6
East Carolina Hlth Aff.	-	-	-	100.0	100.0	-	-	-	-	100.0	100.0	-
NC A&T	68.5	89.0	100.0	100.0	74.7	48.8	100.0	100.0	87.7	100.0	1.2	100.0
UNC Charlotte	91.3	91.3	93.4	-	94.9	95.6	97.9	97.8	59.5	81.0	16.9	-
UNC Greensboro	100.0	82.0	96.3	100.0	82.6	76.6	99.1	100.0	99.4	80.1	60.0	56.9
Subtotal	***88.6***	***87.1***	***94.5***	***100.0***	***89.4***	***88.2***	***98.3***	***88.2***	***53.1***	***92.1***	***69.4***	***62.4***
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	43.7	100.0	100.0	64.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0
NC Central	100.0	94.0	86.1	100.0	91.9	80.7	82.4	53.6	82.5	100.0	100.0	100.0
UNC Pembroke	100.0	82.1	100.0	100.0	80.5	100.0	44.6	100.0	100.0	98.7	100.0	100.0
UNC Wilmington	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Western Carolina	100.0	98.6	100.0	100.0	45.9	94.4	100.0	100.0	88.8	100.0	100.0	100.0
Winston-Salem	79.8	100.0	100.0	100.0	86.7	99.0	65.4	66.2	98.8	96.4	100.0	100.0
Subtotal	***92.7***	***94.3***	***96.8***	***98.9***	***77.1***	***97.2***	***89.2***	***96.8***	***88.6***	***98.8***	***100.0***	***100.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	100.0	100.0	70.8	95.0	36.5	100.0	100.0	-	100.0	-
UNC Asheville	100.0	93.4	100.0	100.0	98.1	88.2	100.0	100.0	100.0	33.8	100.0	-
Subtotal	***100.0***	***95.5***	***100.0***	***100.0***	***83.3***	***89.4***	***64.5***	***100.0***	***100.0***	***33.8***	***100.0***	***-***
Schools of Art, Music, and Design												
UNC School of the Arts	100.0	92.3	100.0	100.0	81.7	-	44.6	82.5	100.0	100.0	-	100.0
Subtotal	***100.0***	***92.3***	***100.0***	***100.0***	***81.7***	***-***	***44.6***	***82.5***	***100.0***	***100.0***	***-***	***100.0***
Teaching Hospitals												
UNC Hospitals	-	-	-	-	-	-	-	-	100.0	94.3	-	-
Subtotal	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***100.0***	***94.3***	***-***	***-***
Community Colleges												
Alamance	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Buncombe	100.0	96.2	86.4	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Beaufort Co.	100.0	100.0	100.0	90.0	100.0	-	-	-	100.0	-	-	-
Bladen	100.0	100.0	-	100.0	100.0	-	-	-	100.0	100.0	100.0	100.0
Blue Ridge	100.0	100.0	100.0	-	100.0	-	-	-	100.0	100.0	-	100.0
Brunswick	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	85.3	-	-	100.0	-	100.0	-	100.0
Catawba Valley	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-
Central Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Central Piedmont	97.8	99.9	100.0	98.9	99.6	-	-	100.0	97.8	94.6	-	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	-	100.0	-
Craven	100.0	100.0	100.0	-	100.0	-	-	-	75.4	100.0	-	-
Davidson County	100.0	100.0	100.0	-	100.0	-	-	100.0	100.0	-	100.0	-
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
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	94.2	100.0	100.0	87.8	100.0	-	100.0	93.6	100.0	51.8	100.0

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

	Student Svcs Admin 51	Social & Cultural Dev. 52	Couns / Career Guid. 53	Finan. Aid Admin. 54	Student Aux. Svcs 55	Inter-coll Athl. 56	Student Hlth/Med Svc. 57	Phys. Plant Admin. 71	Bldg. Maint. 72	Cust'l Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	-	-	-
Haywood	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Isothermal	100.0	100.0	100.0	100.0	100.0	-	-	100.0	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	100.0	-
Sampson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Sandhills	100.0	98.5	100.0	100.0	100.0	-	-	-	-	100.0	-	-
South Piedmont	100.0	100.0	100.0	100.0	100.0	-	-	100.0	99.7	100.0	100.0	-
Southeastern	-	100.0	99.4	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-
Tri-County	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	100.0	-
Vance-Granville	100.0	-	100.0	100.0	100.0	83.9	-	100.0	100.0	-	-	-
Wake	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	83.3	-	-	-
Wayne	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0	-
Western Piedmont	98.4	100.0	100.0	100.0	98.7	100.0	-	100.0	57.5	100.0	100.0	-
Wilkes	100.0	93.9	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Wilson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Subtotal	***99.6***	***94.1***	***99.4***	***99.7***	***97.9***	***99.8***	***100.0***	***94.8***	***82.4***	***94.7***	***50.8***	***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	82.0	100.0	100.0	97.4	100.0	-	100.0
Mars Hill	100.0	64.8	100.0	100.0	37.1	76.6	39.8	98.4	100.0	-	-	-
Pfeiffer	100.0	71.2	100.0	100.0	34.4	75.2	100.0	-	9.8	-	-	-
Subtotal	***62.6***	***77.4***	***87.5***	***100.0***	***49.5***	***82.9***	***78.1***	***93.9***	***82.2***	***82.4***	***-***	***100.0***
Grand Total	***95.0***	***92.5***	***98.2***	***99.6***	***82.1***	***93.7***	***92.5***	***95.1***	***81.3***	***95.3***	***88.6***	***79.4***

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

									Ind. Operations		Unassigned	
	Exec. Mgmt 61	Fin. Mgmt 62	Gen Ad Log Svc 63	Admin Comp 64	Fac/Stf Aux. Svcs 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Records 68	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
					Public Institutions							
Research Universities I												
NC State	100.0	99.5	99.1	95.3	49.0	96.6	100.0	100.0	84.3	88.8	72.4	63.4
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	99.9	100.0	100.0	99.7	83.8	99.7
UNC-Chapel Hill Hlth Aff.	100.0	100.0	100.0	99.8	99.6	100.0	100.0	100.0	100.0	100.0	92.6	99.9
Subtotal	***99.9***	***99.9***	***99.5***	***97.7***	***59.2***	***98.0***	***100.0***	***100.0***	***98.8***	***92.5***	***85.4***	***76.9***
Doctoral Universities I and II												
East Carolina	90.1	21.5	89.3	99.0	96.3	69.3	73.5	65.4	-	100.0	57.1	1.7
East Carolina Hlth Aff.	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-	100.0	100.0
NC A&T	100.0	100.0	99.9	95.1	83.2	100.0	100.0	100.0	-	100.0	100.0	98.2
UNC Charlotte	89.3	78.4	90.6	97.7	96.4	97.0	100.0	93.5	-	-	100.0	67.6
UNC Greensboro	99.8	100.0	96.7	99.4	75.1	96.4	97.3	100.0	58.9	100.0	1.9	-
Subtotal	***94.7***	***44.9***	***96.2***	***98.4***	***86.0***	***90.9***	***94.6***	***92.5***	***58.9***	***100.0***	***66.7***	***39.5***
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	78.4	98.5	69.4	100.0	100.0	45.5	100.0	86.7	100.0
NC Central	100.0	100.0	63.6	97.2	92.5	70.2	29.5	100.0	100.0	99.4	77.1	89.7
UNC Pembroke	100.0	100.0	100.0	-	100.0	95.0	100.0	100.0	-	-	53.3	-
UNC Wilmington	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Western Carolina	78.1	100.0	100.0	98.8	7.2	80.4	100.0	100.0	100.0	100.0	100.0	89.2
Winston-Salem	90.4	61.6	44.9	97.4	50.8	60.3	100.0	100.0	100.0	100.0	2.9	67.7
Subtotal	***95.0***	***91.8***	***84.1***	***97.6***	***50.0***	***81.1***	***87.3***	***80.0***	***98.2***	***99.8***	***75.4***	***79.5***
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	100.0	98.9	100.0	19.7	100.0	100.0	100.0	-	-	100.0	54.7
UNC Asheville	62.4	70.8	62.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0
Subtotal	***81.6***	***83.4***	***90.3***	***100.0***	***49.0***	***100.0***	***100.0***	***100.0***	***100.0***	***100.0***	***100.0***	***62.0***
Schools of Art, Music, and Design												
UNC School of the Arts	72.7	100.0	35.2	100.0	100.0	35.8	100.0	100.0	100.0	-	20.9	100.0
Subtotal	***72.7***	***100.0***	***35.2***	***100.0***	***100.0***	***35.8***	***100.0***	***100.0***	***100.0***	***-***	***20.9***	***100.0***
Teaching Hospitals												
UNC Hospitals	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0
Subtotal	***100.0***	***100.0***	***100.0***	***100.0***	***100.0***	***100.0***	***-***	***-***	***-***	***100.0***	***100.0***	***100.0***
Community Colleges												
Alamance	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Asheville-Buncombe	48.8	100.0	78.7	100.0	81.8	-	100.0	100.0	-	97.8	95.3	96.4
Beaufort Co.	100.0	100.0	98.4	100.0	100.0	100.0	87.3	90.2	-	100.0	-	-
Bladen	97.2	100.0	97.7	100.0	100.0	100.0	-	100.0	-	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Brunswick	100.0	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
Carteret	92.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Catawba Valley	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	100.0	100.0
Central Carolina	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-
Central Piedmont	99.4	98.2	94.4	97.2	100.0	99.2	99.5	98.6	100.0	100.0	100.0	90.6
Cleveland	99.0	100.0	80.4	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	89.1	100.0	-	100.0	100.0	100.0	-	99.6	-	-
Davidson County	100.0	100.0	100.0	-	99.4	100.0	-	100.0	-	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	-	-
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.2	-	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 Inst. 91	Ind. Operations Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Gaston	42.6	100.0	82.6	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Guilford	100.0	94.5	93.3	79.7	65.4	100.0	94.2	100.0	-	100.0	95.7	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	-	-
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	-	-	-	-
Johnston	100.0	100.0	100.0	100.0	53.7	100.0	100.0	100.0	-	100.0	-	-
Lenoir	100.0	100.0	98.0	100.0	100.0	100.0	100.0	100.0	-	99.7	-	-
Martin	83.0	94.4	100.0	100.0	87.9	100.0	100.0	-	-	100.0	-	-
Mayland	100.0	100.0	61.8	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
McDowell	94.8	98.0	98.7	100.0	97.4	100.0	-	100.0	-	100.0	100.0	-
Mitchell	85.4	100.0	61.3	100.0	50.5	-	100.0	-	-	100.0	100.0	81.7
Montgomery	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Nash	100.0	100.0	86.0	100.0	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	-	-
Roanoke-Chowan	98.0	100.0	32.3	100.0	-	-	100.0	100.0	-	100.0	-	-
Robeson	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0
Rockingham	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	99.4	100.0	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	99.9
Sampson	98.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Sandhills	100.0	100.0	100.0	100.0	32.3	74.9	88.9	93.6	-	100.0	-	-
South Piedmont	100.0	100.0	93.9	100.0	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	88.4	100.0
Southwestern	100.0	95.4	98.1	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Stanly	100.0	100.0	99.3	75.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Surry	100.0	97.7	100.0	66.9	80.7	100.0	-	-	-	100.0	100.0	-
Tri-County	100.0	100.0	91.5	100.0	-	-	100.0	100.0	-	-	-	-
Vance-Granville	100.0	100.0	69.5	100.0	100.0	100.0	100.0	100.0	-	100.0	98.5	100.0
Wake	100.0	100.0	77.9	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Wayne	98.2	100.0	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Western Piedmont	100.0	100.0	80.0	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	82.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Subtotal	***97.3***	***99.2***	***91.9***	***97.6***	***90.3***	***96.8***	***99.3***	***98.8***	***94.5***	***99.3***	***88.2***	***85.9***
Private Institutions												
NC Private Universities												
Barton	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Campbell	87.1	80.3	77.3	98.6	30.6	2.4	85.5	95.7	-	88.9	100.0	-
Mars Hill	100.0	100.0	85.2	100.0	10.6	19.9	100.0	100.0	-	-	-	73.4
Pfeiffer	61.8	39.3	79.7	44.2	-	30.1	88.2	-	-	-	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	***96.1***	***84.0***	***93.2***	***97.7***	***61.9***	***88.3***	***95.9***	***92.6***	***94.3***	***97.6***	***81.1***	***66.8***

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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 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
Public Institutions									
Research Universities I									
NC State	7,292,890	264,103	99.6	1,533,160	94.8	1,805,701	97.3	344,106	98.4
NC State Veterinary Med	380,233	7,986	98.1	88,504	85.0	82,333	97.9	11,186	100.0
UNC-Chapel Hill	7,241,385	264,752	99.9	620,332	99.9	1,580,862	99.7	635,213	100.0
UNC-Chapel Hill Hlth Aff.	2,672,096	80,642	99.9	752,595	99.9	1,062,317	99.7	74,975	100.0
Subtotal	***17,586,604***	***617,483***	***99.8***	***2,994,591***	***96.7***	***4,531,213***	***98.7***	***1,065,480***	***99.5***
Doctoral Universities I and II									
East Carolina	2,677,774	181,612	98.2	306,601	91.5	571,194	86.9	201,002	99.9
East Carolina Hlth Aff.	873,852	43,676	98.6	161,462	100.0	331,448	99.8	65,429	99.1
NC A&T	2,019,136	139,872	97.2	318,984	92.9	413,652	94.1	133,315	99.4
UNC Charlotte	3,475,432	215,382	91.5	525,299	99.0	772,660	95.2	200,506	94.0
UNC Greensboro	2,657,246	146,293	97.7	313,402	95.3	562,343	92.6	121,067	88.7
Subtotal	***11,703,440***	***726,835***	***95.9***	***1,625,748***	***95.7***	***2,651,297***	***93.1***	***721,319***	***96.0***
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,318,814	154,529	91.7	219,462	86.1	464,675	89.0	87,845	95.5
Fayetteville	760,948	57,355	99.9	91,047	100.0	191,069	87.6	66,912	98.1
NC Central	1,318,532	103,516	86.3	131,130	90.4	282,005	90.8	99,558	96.4
UNC Pembroke	917,510	87,663	98.7	59,598	100.0	173,526	95.5	40,598	99.8
UNC Wilmington	2,251,002	162,834	100.0	218,907	100.0	389,120	100.0	118,103	100.0
Western Carolina	1,507,944	99,749	94.7	181,419	96.9	314,027	96.8	127,819	99.9
Winston-Salem	1,040,616	56,253	82.6	71,762	88.2	193,954	85.9	54,453	97.5
Subtotal	***10,115,366***	***721,899***	***93.6***	***973,325***	***93.8***	***2,008,376***	***92.5***	***595,288***	***98.2***
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	717,143	65,543	94.1	78,913	99.9	117,704	95.1	36,659	92.2
UNC Asheville	875,582	44,777	100.0	93,610	100.0	152,193	95.2	76,765	100.0
Subtotal	***1,592,725***	***110,320***	***96.4***	***172,523***	***100.0***	***269,897***	***95.2***	***113,424***	***97.3***
Schools of Art, Music, and Design									
UNC School of the Arts	638,136	20,854	66.9	178,310	95.7	72,707	83.5	21,245	100.0
Subtotal	***638,136***	***20,854***	***66.9***	***178,310***	***95.7***	***72,707***	***83.5***	***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	498,063	94,993	99.5	178,983	97.2	125,071	94.1	16,788	100.0
Beaufort Co.	189,075	49,573	100.0	55,127	99.8	36,057	99.0	9,158	100.0
Bladen	109,234	23,798	100.0	30,906	95.7	24,361	99.1	8,346	100.0
Blue Ridge	290,539	67,854	100.0	93,661	100.0	44,341	100.0	14,297	100.0
Brunswick	246,370	51,309	98.7	28,399	97.5	36,327	97.6	7,865	100.0
Caldwell	349,008	95,136	100.0	87,162	99.6	63,923	100.0	19,006	100.0
Cape Fear	606,908	115,098	99.2	202,083	97.7	144,388	99.5	30,844	100.0
Carteret	158,277	41,098	96.1	58,810	99.6	34,206	95.9	6,761	100.0
Catawba Valley	370,972	75,870	100.0	109,891	99.3	70,079	100.0	23,222	100.0
Central Carolina	397,410	123,254	100.0	125,188	100.0	70,874	98.0	20,378	99.4
Central Piedmont	1,329,640	363,863	99.7	349,754	98.6	295,709	98.4	63,162	99.8
Cleveland	206,926	49,128	100.0	66,675	100.0	32,637	99.9	18,049	100.0
Coastal Carolina	220,284	69,163	100.0	72,741	100.0	42,008	97.8	15,190	100.0
Coll. of Albemarle	268,173	58,615	100.0	80,951	99.9	54,020	100.0	14,128	100.0
Craven	200,914	52,570	100.0	70,646	98.5	45,153	99.7	10,664	56.3
Davidson County	302,547	68,036	98.3	72,134	93.5	69,433	98.3	24,126	100.0
Durham	303,215	89,855	100.0	96,524	99.5	70,525	95.5	15,221	100.0
Edgecombe	161,865	35,640	98.4	39,311	88.1	30,272	99.5	12,038	97.7
Fayetteville	599,535	152,208	92.9	195,304	97.1	125,728	97.5	28,030	100.0
Forsyth	661,682	148,533	100.0	210,640	98.8	124,911	99.7	22,642	98.8
Gaston	450,932	108,783	100.0	130,647	86.6	104,701	98.0	31,040	100.0
Guilford	1,114,511	201,188	94.3	267,941	93.8	168,915	94.1	40,351	93.8
Halifax	186,839	37,203	100.0	47,966	100.0	34,307	99.8	11,164	100.0

Table 26. Accessible Area by Room Codes

Institution	Total Accessible Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
Haywood	235,082	31,292	92.0	97,157	100.0	41,833	98.6	13,750	100.0
Isothermal	219,721	46,197	93.2	60,342	87.2	35,257	97.9	2,447	21.9
James Sprunt	111,896	27,937	100.0	21,532	91.4	33,878	96.9	10,267	100.0
Johnston	321,259	89,229	99.8	76,564	98.1	63,890	99.8	20,221	100.0
Lenoir	316,284	74,069	100.0	80,681	95.8	53,729	99.2	18,593	100.0
Martin	146,952	24,135	100.0	34,613	93.0	17,073	93.3	14,280	100.0
Mayland	109,948	31,524	100.0	25,597	93.7	21,992	100.0	10,255	100.0
McDowell	151,034	28,076	95.7	60,575	99.2	26,789	98.9	6,844	100.0
Mitchell	243,731	69,743	98.6	50,313	96.7	46,402	90.9	16,760	100.0
Montgomery	92,445	19,206	100.0	30,658	100.0	17,216	99.9	10,566	100.0
Nash	174,038	54,693	100.0	43,321	99.9	26,391	97.1	11,948	100.0
Pamlico	54,694	14,141	100.0	12,280	100.0	12,112	99.4	4,549	100.0
Piedmont	143,908	37,037	99.6	35,466	99.9	32,593	99.5	7,732	86.9
Pitt	378,485	79,605	100.0	130,536	100.0	89,024	99.6	24,100	100.0
Randolph	295,905	66,179	99.7	95,310	100.0	44,005	99.3	8,459	100.0
Richmond	166,291	33,772	92.5	47,554	97.2	28,760	96.0	10,433	98.8
Roanoke-Chowan	113,825	16,369	100.0	37,590	100.0	17,336	99.5	11,615	100.0
Robeson	201,215	35,143	100.0	60,450	100.0	44,740	100.0	12,713	100.0
Rockingham	214,209	35,316	95.9	63,816	93.7	36,229	98.5	11,722	100.0
Rowan-Cabarrus	378,867	83,454	100.0	90,917	100.0	86,766	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	317,199	96,377	100.0	68,501	98.3	58,418	99.4	17,584	100.0
South Piedmont	287,496	43,861	100.0	49,210	100.0	52,364	100.0	10,409	100.0
Southeastern	181,928	47,999	98.4	45,098	98.7	37,383	99.2	14,877	100.0
Southwestern	196,946	40,753	100.0	51,205	93.8	40,415	99.5	10,618	100.0
Stanly	151,912	38,625	100.0	42,794	100.0	32,994	98.6	8,885	100.0
Surry	310,651	87,903	100.0	89,810	100.0	59,700	99.8	15,686	100.0
Tri-County	114,410	34,685	100.0	36,124	97.1	18,058	99.4	4,910	82.4
Vance-Granville	257,672	47,528	97.9	78,514	100.0	48,875	99.6	17,206	88.4
Wake	870,115	203,756	99.9	227,174	99.4	192,151	99.8	57,527	98.9
Wayne	260,044	39,643	100.0	88,777	97.8	51,150	99.7	19,480	100.0
Western Piedmont	245,756	61,654	100.0	71,072	99.9	47,895	99.5	16,851	100.0
Wilkes	308,558	60,060	98.4	90,034	99.3	46,154	99.9	16,665	100.0
Wilson	140,397	40,883	96.7	36,678	100.0	31,098	98.0	9,939	99.5
Subtotal	***17,311,667***	***4,018,941***	***98.8***	***4,914,170***	***97.7***	***3,416,243***	***98.4***	***958,871***	***97.4***
				Private Institutions					
NC Private Universities									
Barton	328,517	28,852	100.0	24,220	100.0	56,533	99.2	21,578	100.0
Campbell	825,939	100,826	98.4	62,054	99.6	138,455	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	***1,670,295***	***195,226***	***93.9***	***139,640***	***85.8***	***275,417***	***84.1***	***138,935***	***91.2***
Grand Total	***61,812,415***	***6,421,484***	***97.6***	***11,009,136***	***96.6***	***13,559,667***	***95.8***	***3,617,459***	***97.6***

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	1,051,794	67.8	618,495	94.0	349,897	79.1	23,965	98.7	1,102,176	60.5	199,493	65.5
NC State Veterinary Med	41,376	61.8	10,689	100.0	23,931	91.6	114,228	99.5	-	-	0	-
UNC-Chapel Hill	842,829	100.0	813,320	100.0	454,626	100.0	22,575	99.9	1,891,341	99.9	115,535	88.8
UNC-Chapel Hill Hlth Aff.	187,048	99.8	92,041	100.0	38,123	100.0	156,000	99.7	310	100.0	228,045	95.3
Subtotal	***2,123,047***	***80.2***	***1,534,545***	***97.5***	***866,577***	***90.1***	***316,768***	***99.6***	***2,993,827***	***80.5***	***543,073***	***80.6***
Doctoral Universities I and II												
East Carolina	288,292	89.0	289,138	98.4	76,503	35.9	4,694	91.6	754,310	99.7	4,428	1.8
East Carolina Hlth Aff.	44,624	100.0	12,487	100.0	43,711	100.0	159,737	100.0	1,280	100.0	9,998	100.0
NC A&T	270,673	87.1	220,530	92.6	189,233	95.4	6,519	100.0	316,770	73.8	9,588	98.5
UNC Charlotte	179,601	97.5	293,857	91.0	25,113	72.2	9,519	99.1	1,045,337	96.0	208,158	67.6
UNC Greensboro	101,916	88.5	331,191	82.1	237,991	89.6	9,534	98.1	833,509	82.6	0	0.0
Subtotal	***885,106***	***90.4***	***1,147,203***	***90.3***	***572,551***	***75.8***	***190,003***	***99.6***	***2,951,206***	***89.9***	***232,172***	***40.2***
Master's (Comprehensive) Universities and Colleges I												
Appalachian	341,024	85.7	359,381	90.2	77,177	90.9	11,733	100.0	578,633	66.8	24,355	100.0
Fayetteville	76,341	99.3	76,364	64.9	17,691	91.1	2,319	100.0	147,413	69.6	34,437	85.7
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	112,620	91.7	51,100	100.0	1,312	50.2	303,342	77.8	863	53.3
UNC Wilmington	123,366	100.0	275,093	100.0	86,751	99.4	4,676	100.0	865,450	100.0	6,702	22.0
Western Carolina	189,999	90.6	287,988	95.8	61,376	97.2	3,246	100.0	202,409	30.5	39,912	89.2
Winston-Salem	97,567	98.4	152,823	97.0	24,455	80.2	4,076	62.0	367,312	83.3	17,961	49.1
Subtotal	***1,031,279***	***92.1***	***1,419,446***	***92.7***	***330,071***	***91.0***	***29,680***	***87.4***	***2,758,404***	***73.3***	***247,598***	***78.0***
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	86,753	95.3	94,508	93.6	17,544	98.5	1,574	24.5	203,409	66.4	14,536	56.6
UNC Asheville	101,634	89.4	136,401	99.9	38,630	100.0	3,075	100.0	223,810	97.0	4,687	100.0
Subtotal	***188,387***	***92.0***	***230,909***	***97.2***	***56,174***	***99.5***	***4,649***	***48.9***	***427,219***	***79.5***	***19,223***	***63.3***
Schools of Art, Music, and Design												
UNC School of the Arts	23,826	100.0	109,249	93.7	56,384	86.2	1,259	41.0	128,881	81.6	25,421	53.3
Subtotal	***23,826***	***100.0***	***109,249***	***93.7***	***56,384***	***86.2***	***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	44,628	98.5	15,818	91.7	-	-	-	-	5,688	91.4
Beaufort Co.	3,102	100.0	25,009	100.0	11,049	100.0	-	-	-	-	0	-
Bladen	1,155	100.0	12,492	100.0	8,176	100.0	-	-	-	-	0	-
Blue Ridge	6,235	100.0	52,154	100.0	11,997	100.0	-	-	-	-	0	-
Brunswick	29,789	100.0	63,743	92.1	12,553	100.0	112	100.0	-	-	16,273	100.0
Caldwell	20,026	100.0	48,076	96.4	15,605	96.6	-	-	-	-	74	100.0
Cape Fear	27,903	100.0	58,238	98.3	24,613	99.6	-	-	756	73.2	2,985	100.0
Carteret	2,052	29.6	8,487	89.0	6,863	100.0	-	-	-	-	0	-
Catawba Valley	37,801	100.0	39,138	100.0	2,633	100.0	-	-	-	-	12,338	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	31,400	96.9	132,041	99.7	75,546	95.8	-	-	-	-	18,165	91.2
Cleveland	15,067	100.0	16,111	100.0	9,259	88.6	-	-	-	-	0	-
Coastal Carolina	3,120	100.0	11,583	100.0	6,479	100.0	-	-	-	-	0	-
Coll. of Albemarle	7,204	100.0	41,594	100.0	11,661	100.0	-	-	-	-	0	-
Craven	1,875	100.0	18,860	100.0	1,146	63.2	-	-	-	-	0	-
Davidson County	18,318	98.6	27,427	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	53,215	98.5	20,864	67.4	378	100.0	-	-	0	-
Forsyth	18,815	100.0	63,031	100.0	53,189	93.2	-	-	-	-	19,921	100.0
Gaston	13,932	100.0	52,487	98.9	8,594	74.2	748	100.0	-	-	0	-
Guilford	21,546	67.8	84,107	94.5	25,518	86.1	-	-	-	-	304,945	96.6

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	%
Halifax	7,060	100.0	40,629	99.1	8,510	99.2	-	-	-	-	0	-
Haywood	1,590	100.0	37,468	100.0	10,468	83.6	1,524	100.0	-	-	0	-
Isothermal	22,920	100.0	35,395	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	9,743	100.0	43,453	100.0	18,159	85.8	-	-	-	-	0	-
Lenoir	24,981	100.0	50,576	99.9	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	20,619	99.8	6,855	100.0	-	-	-	-	111	100.0
Mitchell	9,765	55.9	33,229	83.3	8,813	81.7	-	-	-	-	8,706	86.7
Montgomery	1,361	100.0	10,986	100.0	2,452	100.0	-	-	-	-	0	-
Nash	-	-	30,762	99.4	6,923	91.0	-	-	-	-	0	-
Pamlico	140	100.0	9,292	100.0	2,180	82.0	-	-	-	-	0	-
Piedmont	-	-	15,413	99.1	15,667	100.0	-	-	-	-	0	-
Pitt	20,483	100.0	16,947	100.0	17,189	100.0	-	-	-	-	601	100.0
Randolph	5,152	100.0	36,388	100.0	37,125	100.0	-	-	-	-	3,287	100.0
Richmond	989	100.0	38,325	87.9	6,358	91.4	100	44.2	-	-	0	-
Roanoke-Chowan	9,970	100.0	15,437	100.0	5,508	60.5	-	-	-	-	0	-
Robeson	1,538	100.0	37,376	100.0	7,122	100.0	-	-	-	-	2,133	100.0
Rockingham	20,750	67.4	34,338	99.3	7,019	100.0	-	-	-	-	5,019	100.0
Rowan-Cabarrus	3,843	100.0	38,123	100.0	20,300	100.0	-	-	-	-	32,187	99.9
Sampson	-	-	17,809	100.0	6,675	100.0	-	-	-	-	0	-
Sandhills	26,655	95.0	46,147	97.9	2,894	75.7	-	-	623	11.1	0	-
South Piedmont	1,291	100.0	53,968	100.0	16,875	97.6	107	100.0	-	-	59,411	59.6
Southeastern	11,272	100.0	17,317	100.0	7,240	100.0	-	-	-	-	742	100.0
Southwestern	18,202	100.0	26,832	100.0	6,129	67.8	-	-	-	-	2,792	100.0
Stanly	1,644	100.0	19,724	100.0	7,246	100.0	-	-	-	-	0	-
Surry	17,276	100.0	29,641	100.0	10,571	88.9	-	-	-	-	64	100.0
Tri-County	-	-	13,563	100.0	7,070	90.0	-	-	-	-	0	-
Vance-Granville	1,098	100.0	42,440	100.0	4,206	58.9	-	-	-	-	17,805	99.5
Wake	36,462	100.0	58,204	100.0	26,756	75.7	-	-	-	-	68,085	100.0
Wayne	9,214	100.0	35,000	99.8	15,143	100.0	1,637	100.0	-	-	0	-
Western Piedmont	6,107	100.0	24,782	100.0	9,368	65.0	-	-	-	-	8,027	17.7
Wilkes	24,050	99.9	48,091	93.8	22,299	100.0	-	-	-	-	1,205	100.0
Wilson	-	-	14,310	100.0	7,489	90.1	-	-	-	-	0	-
Subtotal	***622,192***	***92.8***	***2,040,529***	***97.8***	***741,486***	***87.6***	***6,702***	***91.1***	***1,379***	***16.9***	***591,154***	***86.4***
Private Institutions												
NC Private Universities												
Barton	50,010	100.0	54,818	98.0	7,677	100.0	741	100.0	84,088	80.5	0	-
Campbell	114,669	86.9	132,542	90.3	21,150	97.4	2,964	100.0	174,261	41.6	0	0.0
Mars Hill	39,607	88.7	83,140	69.2	13,984	95.9	995	43.4	36,084	21.8	9,314	71.7
Pfeiffer	35,624	84.9	28,157	61.1	4,083	34.2	338	100.0	17,654	15.6	9,177	31.2
Subtotal	***239,910***	***89.3***	***298,657***	***80.9***	***46,894***	***83.9***	***5,038***	***79.5***	***312,087***	***38.9***	***18,491***	***42.7***
Grand Total	***5,146,240***	***86.5***	***6,834,363***	***94.3***	***2,754,299***	***86.4***	***1,173,954***	***89.9***	***9,576,788***	***78.0***	***1,719,025***	***71.1***

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

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Lenoir Community College	1-3	002940	Lenoir	Kinston 28502	01, 03
Mars Hill College	2-3	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	05, 10
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	01, 02
N. C. A&T State University	1-1	002905	Guilford	Greensboro 27411	06, 12, 13
N. C. Central University	1-2	002950	Durham	Durham 27707	04
N. C. State University	1-1	002972	Wake	Raleigh 27695	02, 04, 13
NCSU Veterinary School	1-1		Wake	Raleigh 27695	02, 04, 13
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Pfeiffer University	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Community College	1-3	009646	Person	Roxboro 27573	13
Pitt Community College	1-3	004062	Pitt	Greenville 27835	01, 03
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05, 13
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28145	06, 12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	02, 07
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	06
South Piedmont Community College	1-3	007985	Anson	Polkton 28135	08
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28804	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27599	04
U. of N. C. at Charlotte	1-1	002975	Mecklenburg	Charlotte 28223	08, 09, 12
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27402	06, 12, 13
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27599	04
U. of N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	05, 12

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

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

**Based on 2010 census.

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