

DOCUMENT RESUME

ED 435 307

HE 032 525

TITLE Facilities Inventory and Utilization Study, Fall of 1998, for the State of North Carolina. Higher Education Comprehensive Planning Program. Thirty-Second Edition.

INSTITUTION North Carolina Univ., Chapel Hill. Commission on Higher Education Facilities.

PUB DATE 1999-10-00

NOTE 209p.; For the prior edition, see ED 423 747.

PUB TYPE Numerical/Quantitative Data (110)

EDRS PRICE MF01/PC09 Plus Postage.

DESCRIPTORS Accessibility (for Disabled); Community Colleges; *Educational Facilities; *Facility Inventory; Facility Planning; *Facility Utilization Research; Higher Education; Physical Disabilities; Private Colleges; State Colleges; State Universities; Tables (Data)

IDENTIFIERS *North Carolina

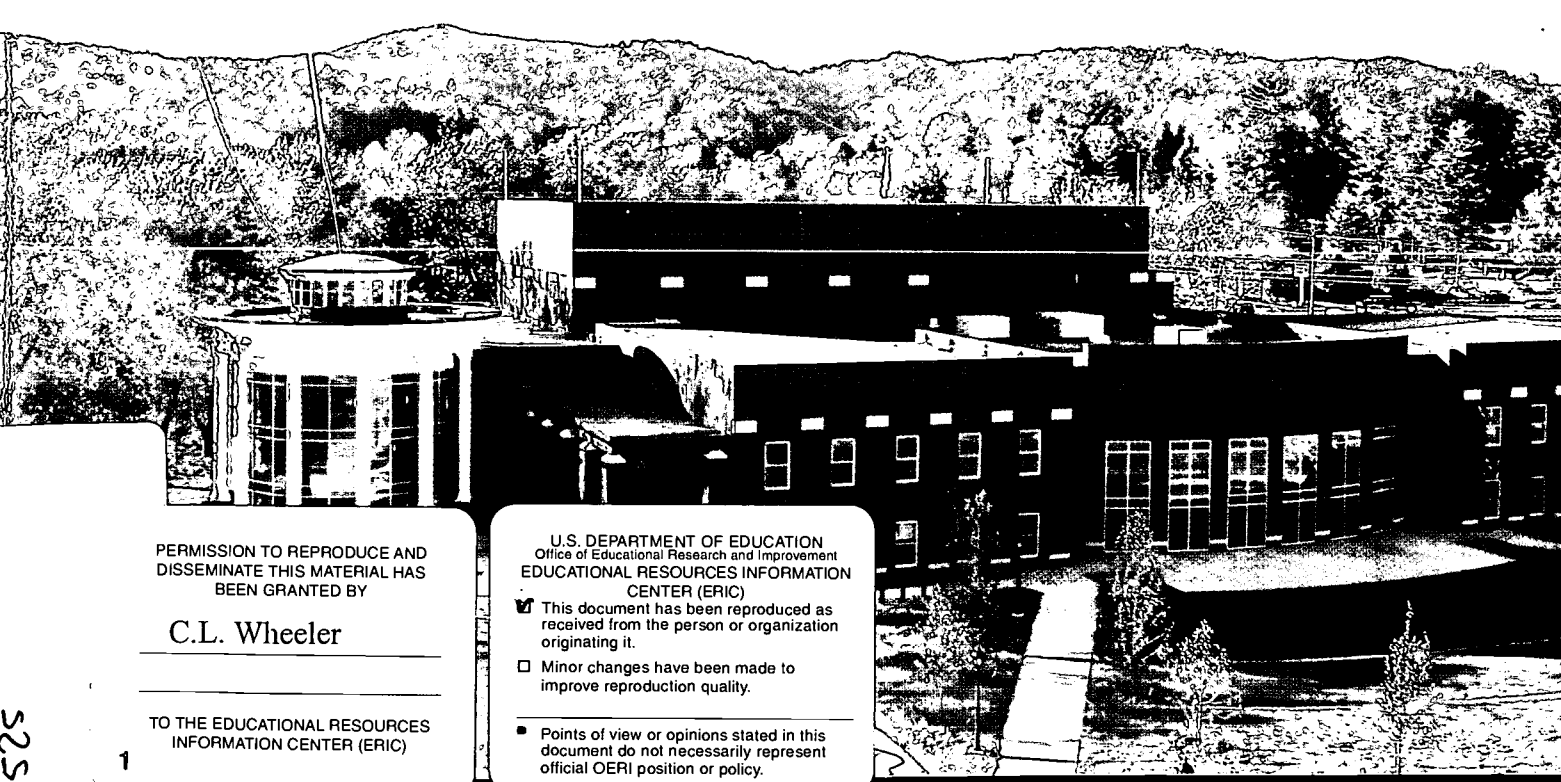
ABSTRACT

This annual report presents data on facilities inventory and utilization in North Carolina institutions of higher education in fall 1998. It is intended to provide higher education administrators with a detailed statistical profile of the facilities on their own campuses and to allow for comparative assessment and facilities planning. The study includes data for 112 institutions, including all 16 public senior institutions which comprise the University of North Carolina, 38 private nonprofit colleges and universities, and the 58 public two-year community colleges, but does not include proprietary institutions. The report is divided into four sections. Section 1, 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. Section 2, on interior space characteristics, statistically describes campus space by its uses and the programs to which it is assigned, such as the sizes and capacities of classrooms and class laboratories. Section 3 is on building characteristics and 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. (DB)

Reproductions supplied by EDRS are the best that can be made
from the original document.

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1998



PERMISSION TO REPRODUCE AND
DISSEMINATE THIS MATERIAL HAS
BEEN GRANTED BY

C.L. Wheeler

TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC)

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

- This document has been reproduced as received from the person or organization originating it.
- Minor changes have been made to improve reproduction quality.
- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

Paul Porter Center for Performing Arts, Brevard College

525
525
HE 032



The *Facilities Inventory and Utilization Study* is published annually by

State Commission on Higher Education Facilities
The University of North Carolina—General Administration
910 Raleigh Road
P.O. Box 2688
Chapel Hill, North Carolina 27515-2688

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1998

For
THE STATE OF NORTH CAROLINA

THIRTY-SECOND EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

October 1999

Paul Porter Center for Performing Arts

Brevard College

(Cover Photo)

The Paul Porter Center for Performing Arts joins a new student residential village as the newest campus facilities at Brevard College, the 146-year-old United Methodist College in Transylvania County. The 50,000-square-foot Center, completed in August, 1998, is designed to provide performance spaces of superlative acoustical quality for the college's Fine Arts Division, long known for teaching excellence in music and art.

Among the modern performance venues in the building:

- ▶ *The Concert Hall: This classically designed, 700-seat facility includes a large concert stage with sprung floor and offers a venue for music and dance performances, lectures, and town hall meetings.*
- ▶ *The Morrison Playhouse: This 2,500-square-foot black box theater, also with sprung floor and modern technical lighting, seats up to 150 with variable seating configurations for theatrical, dance, and scholarly events.*
- ▶ *The Institute for Sacred Music: The northeast wing of the Porter Center houses the college's voice, choral, and sacred music programs. The 1800-square-foot pre-performance and rehearsal space, equipped with modern choral risers and vocal studios, will be used for music rehearsals, lectures, and scholarly meetings.*
- ▶ *Francis Pavilion: This 2,800-square-foot lobby, which will accommodate receptions, dinners, and small chamber music performances, features an expensive oak floor with a stenciled diagram of the river systems flowing from Transylvania County to the Gulf of Mexico and the Atlantic Ocean. A circular staircase beneath a classic dome provides views of King's Creek and several formal gardens.*

Other highlights include the Richard Scott Community Commons, the Mezzanine Gallery, and a 1,000-seat outdoor amphitheater, terraced with stone and grass, as a venue for early evening performances in spring, summer, and fall. A modern Box Office and several offices for outreach programs in the fine arts and community education complete the Center's most prominent features.

The new Center is named for Paul Porter, a Shelby, North Carolina businessman and long-time trustee of the college, who made the lead gift for the \$10 million facility.

The University of North Carolina

Benjamin S. Ruffin, Chairman
Board of Governors

Molly C. Broad
President

Jeffrey R. Davies
Vice President for Finance

North Carolina State Commission on Higher Education Facilities

William A. Dees, Jr.
Goldsboro

R. Barton Hayes
Hudson

Joseph W. Grier, Jr.
Charlotte

John R. Jordan
Raleigh

Director
Kevin J. MacNaughton

General Advisory Committee

J. E. Danieleley
Past President, Elon College

Bruce E. Whitaker
President Emeritus
Chowan College

William C. Friday
President Emeritus
University of North Carolina

Kenneth R. Williams
Chancellor Emeritus
Winston-Salem State
University

Facilities Advisory Committee

Silas Vaughn, Chairman
Past President
Montreat College
Montreat

L. Felix Joyner
Past Vice President - Finance
University of North Carolina
Chapel Hill

W. Archie Blount
Director Emeritus of Institutional
Research and Development
North Carolina A & T State
University

Ned R. Trivette
Past Vice Chancellor for
Business Affairs
Appalachian State University
Boone

James A. Ward
University Architect Emeritus
Duke University
Durham

Facilities Technical Committee

Philip Albano
Arthur Hohnsbehn
Community College System

Jeffrey Hill
David McFadden
Higher Education Facilities

Karen Copeland
UNC at Chapel Hill

Richard Leichman
Davidson College

Sandra Davis
N.C. Central University

Terry McNeill
Alamance CC

Sheri Green
Wake County Public Schools

Paul Nagy
Durham Technical CC

Emily Herman
UNC at Greensboro

Robert Ussery
N.C. A&T State University

Mike Walker
Wake Forest University

Project Staff

Mary Cooke

Jeff Hill

Dave McFadden

Susan Meyer

Participating Institutions

THE UNIVERSITY OF NORTH CAROLINA

Molly C. Broad, President

Research

Universities I

N. C. State University

UNC at Chapel Hill

Chancellor

Marye Anne Fox

William O. McCoy
Interim

Project Officer

Rob Yaeger
Facil. Info. Systems Mgr.
Karen Copeland
Facil. Plan'ng & Design
Ute-Sherry Younger
Scheduling & Training Mgr.

Doctoral

Universities I

UNC at Greensboro

East Carolina Univ.

Chancellor

Patricia A. Sullivan

Richard R. Eakin

Project Officer

Emily Herman
Information Tech. & Plan'ng
Rebecca Bizzell
Risk Manager

Master's (Comprehensive)

Universities and Colleges I

Appalachian State Univ.

Fayetteville State Univ.

N. C. A & T State Univ.

N. C. Central University

UNC at Charlotte

UNC at Pembroke

UNC at Wilmington

Western Carolina Univ.

Chancellor

Francis T. Borkowski

Willis B. McLeod

James C. Renick

Julius L. Chambers

James H. Woodward

Allen Coats Meadows

James R. Leutze

John W. Bardo

Project Officer

Diane J. Pitts
Inst. Coord., Bus. Affairs
Brenda Freeman
Coord. Inst. Res.
Robert Ussery
Coord. Univ. Planning
Sandra E. Davis
Dir. Inst. Studies
Wanda B. Fisher, Director
Acad. Plan'ng & Inst. Res.
Jeannie Davis
Computer Systems Coord.
Robert E. Fry
Dir. Inst. Research
Keith Stiles
Social Res. Associate

Baccalaureate (Liberal Arts)

Universities and Colleges I and II

Elizabeth City State Univ.

UNC at Asheville

Winston-Salem State Univ.

Chancellor

Mickey L. Burnim

James H. Mullen, Jr.

Alvin J. Schexnider

Project Officer

Nancy Lee
Interim Dir. Inst. Research
Ken Wilson
Applications Programmer
Deborah Chaney
Statistical Res. Assistant

Schools of Art, Music, and Design

N. C. School of the Arts

Chancellor

Alexander C. Ewing

Project OfficerScott Templin
Asst. to VC Arts & Academics**Teaching Hospitals**

UNC Hospitals at Chapel Hill

Executive Director

Eric B. Munson

Project OfficerCarol Harris
Fixed Assets Acctg/Parking**NORTH CAROLINA COMMUNITY COLLEGE SYSTEM**

H. Martin Lancaster, System President

**Community
Colleges****President****Project Officer**

Alamance CC

Martin Nadelman

Terry McNeil
Assoc. to the Dean

Anson CC

Donald P. Altieri

Anna Baucom
Dir. Information Services
Mary Alice Church-Steurer
Dir. Business Services

Asheville-Buncombe TCC

K. Ray Bailey

Janice F. Daughtry
Business Manager
Julius Avant, Dean Admin.
& Fiscal Affairs

Beaufort County CC

U. Ronald Champion

George W. Turner
MIS Director

Bladen CC

Darrell Page

Sheila Galloway
Controller

Blue Ridge CC

David W. Sink

Alice Whisnant
V.P. Admin. Services

Brunswick CC

W. Michael Reaves

Carl Brown
Facilities Svcs. Dir.

Caldwell CC & TI

Kenneth A. Boham

Keith E. Fowler
Asst. Business Manager

Cape Fear CC

Eric B. McKeithan

Melinda Smith
Schedule/Facilities Coord.

Carteret CC

Joseph T. Barwick

Wayne R. Robinson
Business Manager

Catawba Valley CC

Cuyler Dunbar

Phillip Harrison
Asst. Plant Mgr.

Central Carolina CC

Marvin R. Joyner

James E. Greene
V. P. of Bus. Affairs

Central Piedmont CC

Paul A. Zeiss

James W. Owens
V. P. for Business Svcs.

Cleveland CC

L. Steve Thornburg

Coastal Carolina CC

Ronald K. Lingle

College of the Albemarle	Sylvester McKay	Bob Pauline Dir., Bus. & Finance
Craven CC	Lewis S. Redd	Jeannie L. Castano Dir. Admin. & Computer Svcs.
Davidson County CC	J. Bryan Brooks	Roger White Dean Fin. & Admin. Services
Durham TCC	Phail Wynn, Jr.	Paul Nagy Dir. Inst. Res. & Planning
Edgecombe CC	Hartwell H. Fuller, Jr.	Robert Brock V. P. Policy & Planning
Fayetteville TCC	Larry B. Norris	Sanford Cain Dir. Facility Plan. & Svc.
Forsyth TCC	Desna L. Wallin	Jerry D. Rogers Dir. Aux. & Plant Svcs.
Gaston College	Patricia A. Skinner	Rex Clay Inst. Researcher
Guilford TCC	Donald W. Cameron	Shelley Johnson Dir. of Facilities
Halifax CC	Theodore Gasper, Jr.	Ralph Reynolds Business Manager
Haywood CC	Nathan Hodges	R. Wayne Hawkins Dean Admin. Services
Isothermal CC	Willard L. Lewis, III	Dillard Morrow Vice President
James Sprunt CC	Mary T. Wood	Ken Ritt Business Manager
Johnston CC	Donald L. Reichard	Art Andrews Controller
Lenoir CC	Karin K. Pettit	Richard Fauson Business Manager
Martin CC	Clarence E. Riggs Interim	Judy Butcher Bus. Svcs. Technician
Mayland CC	Thomas E. Williams	Paul Rash Coord. Aux. Services
McDowell TCC	Ed Beam Interim	W. Ray McKesson Dean Fiscal Affairs
Mitchell CC	Douglas Eason	Gary W. Johnson Dir. of Facilities
Montgomery CC	Mary Kirk	Barney Greene Purchasing Manager
Nash CC	J. Reid Parrott, Jr.	Tony Jernigan Business Manager
Pamlico CC	Francis M. Altman, Jr.	Gary B. Collier Business Manager
Piedmont CC	H. James Owen	William R. Barnes V.P. Admin. Services
Pitt CC	Charles E. Russell	Laura L. Garris Facil. Scheduling Officer

Randolph CC	Larry K. Linker	Ron Jones Dean Admin. Services
Richmond CC	Joseph W. Grimsley	Bill Williams Dean Instructional Services
Roanoke-Chowan CC	Harold E. Mitchell	Gerald K. Harrell Systems Administrator
Robeson CC	Fred G. Williams, Jr.	Judy Jones Systems Administrator
Rockingham CC	Robert C. Keys	Susan A. Hall Admin. Svcs. Asst.
Rowan-Cabarrus CC	Richard L. Brownell	Karen Harris Bus. Manager
Sampson CC	Clifton W. Paderick	Virginia S. Lucas Dean Fin. & Operations
Sandhills CC	John R. Dempsey	Mary Ann Ward V. P. Admin. Services
Southeastern CC	Leon M. Fox, Jr. Interim	Leon Fox Dean Operations & Fin.
Southwestern CC	Cecil L. Groves	Charles J. Reece Dir. Human Res./Fac. Dev.
Stanly CC	Michael R. Taylor	Donnie N. Lowder V. P. Fiscal & Adm. Affairs
Surry CC	Frank Sells	Susan Pendergraft Bookstore Assistant
Tri-County CC	Norman Oglesby	David Jones Dean Admin. Services
Vance-Granville CC	Robert A. Miller	Vickie Watkins, Asst. Systems Administrator
Wake TCC	Bruce I. Howell	James A. Cox V. P. Admin. Services
Wayne CC	Edward H. Wilson, Jr.	Bill Thompson Dir. Planning & Res.
Western Piedmont CC	James A. Richardson	Shirley Corriveau Equipment Coordinator
Wilkes CC	Gordon G. Burns, Jr.	Frank A. Shuford Dir. Purchasing/Facilities
Wilson TCC	Frank L. Eagles	Herman Kight Dean Fiscal Affairs

PRIVATE INSTITUTIONS

Major Research Universities

Duke University

President

Nannerl O. Keohane

Project Officer

Judith C. White
Plant Accounting
John Rider
Acad. Fac. Officer

Wake Forest University

Thomas K. Hearn, Jr.

Yihong Gu

Asst. Dir. Inst. Research

Mike Walker

Asst. Dir. Facilities Mgmt.

Bowman Gray Sch. of Med.
Wake Forest Univ.

Richard Janeway

Russ Dubois

Sean Brittain

Facilities Planning

**Gen. Baccalaureate
Colleges**

President

Project Officer

Barber-Scotia College

Sammie Potts

Emma Witherspoon

Registrar

Barton College

James B. Hemby

Gordon Joyner

V. P. Bus. & Finance

Belmont Abbey College

Robert A. Preston

Margaret Skidmore

Registrar

Bennett College

Gloria R. Scott

Andrena L. Coleman

Dir. Inst. Res. & Plan'ng

Brevard College

Thomas J. Bertrand

Jerry Marshall

Maintenance Technician

Campbell University

Norman A. Wiggins

Jim Roberts

Dir. Physical Plant

Catawba College

J. Fred Corriher, Jr.

Larry A. Loftin

Dir. Plant Operations

Chowan College

Stanley G. Lott

Richard J. Lefevre

V.P. Business Affairs

Davidson College

Robert F. Vagt

Richard Leichman

CAD System Operator

Elon College

Leo M. Lambert

Stanley Greeson

Dir. of Maintenance

Gardner-Webb University

M. Christopher White

Michael Chau

Dir. Admin. Computing

Greensboro College

Craven E. Williams

Susan Sessler

Dir. Physical Plant

Guilford College

Donald W. McNemar

Kathryn Highfill

Asst. to Dir. Campus Facil.

High Point University

Jacob C. Martinson, Jr.

Roy Epperson

V. P. Admin. Affairs

Johnson C. Smith Univ.

Dorothy C. Yancey

John Jones

Dir. Inst. Research

Lees-McRae College

Earl J. Robinson

Keith Karriker

Registrar

Lenoir-Rhyne College

Ryan LaHurd

Charles Cook

Dir. Research & Plan'ng

Livingstone College

Burnett Joiner

Eldridge Williams

Dir. Comm. & Gov't Relations

Mars Hill College

A. Max Lennon

Larry N. Stern

Dir. Inst. Research

Meredith College	John E. Weems	Charles E. Taylor, Jr. V.P. Bus. & Finance
Methodist College	M. Elton Hendricks	Gene Clayton Business Manager
Montreat College	William W. Hurt	Dirk Wilmoth Dir of Business Affairs
Mount Olive College	J. William Byrd	Judy C. Tyndall Controller
N. C. Wesleyan College	John B. White	Belinda Faulkner V. P. for Finance
Peace College	Laura Carpenter Bingham	Dan J. Beakey V.P. Bus. & Finance
Pfeiffer College	Charles M. Ambrose	Sharon Bard Dir. Aux. Services
Piedmont Bible College	Howard L. Wilburn	Warren C. Parker Registrar
Queens College	Billy O. Wireman	Tim Eastep Physical Plant Dir.
St. Andrews Presby. College	Warren L. Board	Patrick Coats Controller
St. Augustine's College	Bernard W. Franklin	Eugene Nicholas V. P. Fin. Affairs
Salem College	Julianne Still Thrift	Sandy Linville Admin. Assistant.
Shaw University	Talbert O. Shaw	Mack Sowell Dir. Physical Plant
Warren Wilson College	Douglas M. Orr, Jr.	Christa Bridgeman Registrar
Wingate University	Jerry E. McGee	Larry Brock Dir. Physical Plant

Junior Colleges

President

Project Officer

Louisburg College	Rosemary Gillett-Karam	C. Edward Brown, Jr. Academic Dean
-------------------	------------------------	---------------------------------------

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 thirty-second 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 1998 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.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and 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 1998 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. On page 156 detailed facility condition information for UNC institutions is such an example.

Public senior institutions, community and technical colleges, and 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 Facilities Technical Committee.

Special acknowledgment and appreciation are expressed to the following individuals for their cooperation and contributions: Phil Albano and Arthur Hohnsbehn of the Community College System, William Barlow of UNC-General Administration, Karen Copeland of the University of North Carolina at Chapel Hill, Sandra Davis of North Carolina Central University, Sheri Green of the Wake County Public Schools, Emily Herman of the University of North Carolina at Greensboro, Richard Leichman of Davidson College, Terry McNeill of Alamance Community College, Paul Nagy of Durham Technical Community College, Robert Ussery of N. C. A&T State University, and Mike Walker of Wake Forest University. 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. The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Kevin J. MacNaughton
Director

Contents

	<u>Page</u>
Foreword	xi
Table of Contents	xii
List of Tables	xiii
Introduction	1
I. Utilization of Instructional Space	7
II. Interior Space Characteristics	79
III. Building Characteristics	137
IV. Accessibility of Facilities to the Mobility Impaired	167
Institutional Index	198
Bibliography	201
Index	202

List of Tables

	<u>Page</u>
<u>Utilization of Instructional Space</u>	
1. Capacity/Enrollment Ratio	9
2. Square Feet of Academic Facilities Per FTE Student	17
3. Average Weekly Room Hours of Instruction in Classrooms	24
4. Average Weekly Room Hours of Instruction in Class Laboratories	30
5. Average Weekly Use of Student Stations in Classrooms	36
6. Average Weekly Use of Student Stations in Class Laboratories	42
7. Percent Student Station Utilization, Classrooms and Class Laboratories	48
8. Student Clock Hours of Instruction	55
9. Space Factors	58
10. Range of Selected Space Utilization Indices	62
11. Space Standards	64
12. FTE Enrollments	69
<u>Interior Space Characteristics</u>	
13. Net-To-Gross Ratio	81
14. Percentage Distribution of Assignable Area by Summary Programs	86
14a. Instruction, Research & Public Service Subprograms	93
14b. Academic Support Subprograms	102

14c. Student Service and Physical Plant Operations Subprograms	108
14d. Institutional Administration, Independent Operations & Unassigned Subprograms	112
15. Assignable Area by Room Code	116
16. Assignable Square Feet Per Student Station for Classrooms	124
17. Assignable Square Feet Per Student Station for Class Laboratories	130

Building Characteristics

18. Ownership of Buildings	139
19. Capital Investment, Non-Residential Buildings	142
20. Capital Investment, Residential Buildings	148
21. Age of Buildings Reported by Gross Square Feet	152
22. Condition of Buildings	156
22a. FCAP: Maintenance and Repair Needs	156
22b. Total Repair and Renovation Needs	156
23. Estimated Cost to Renovate or Replace Unsatisfactory Facilities	161

Accessibility of Facilities to the Mobility Impaired

24. Accessible Area As a Percentage of Assignable	169
25. Accessible Area by Summary Programs	175
25a. Instruction, Research & Public Service Subprograms	178
25b. Academic Support Subprograms	184
25c. Student Service and Physical Plant Operations Subprograms	188
25d. Institutional Administration, Independent Operations & Unassigned Subprograms	190
26. Accessible Area by Room Code	193

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 the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 112 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 38 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. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (34), and one junior college. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

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 Higher Education Facilities Commission 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

The Higher Education Facilities Commission 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 supplies the commission staff with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a personal computer file, electronic mail, or FTP (file transfer protocol) transmission of its current facilities inventory.

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. Many institutions also provide these data on diskette, or by E-mail or FTP. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master mainframe files. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

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

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission 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 two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), and to the N.C. Community College System office (two-year public institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

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, or by the Bowman Gray School of Medicine, the Duke University Medical Center, 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.

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

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

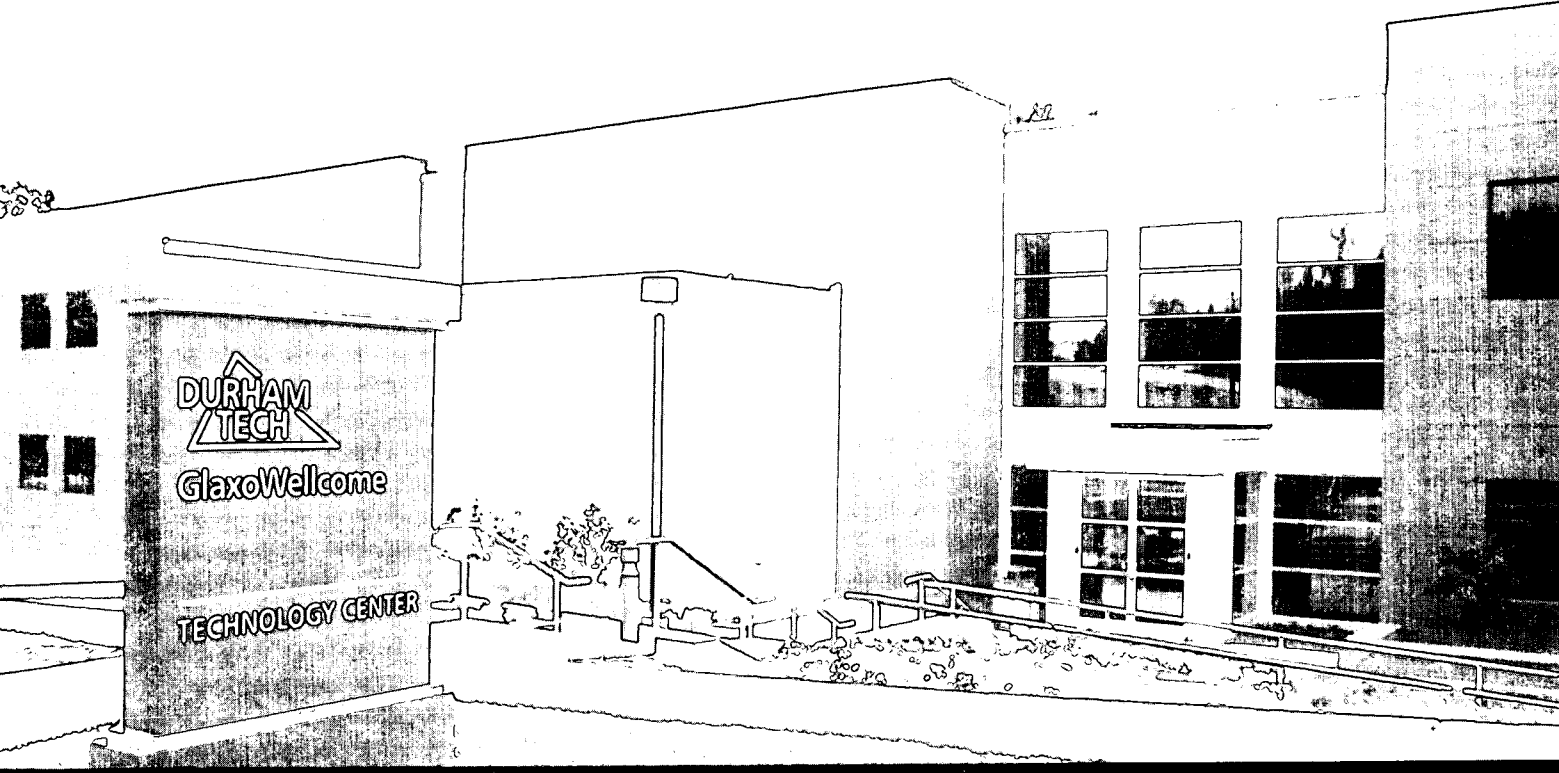
Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. The student clock hours of UNC at Asheville reflect these WCU courses. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU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

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

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities 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 Commission (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.

Classifications in this publication for the first time reflect East Carolina University's current status, as of the fall 1998 data collection, as a Doctoral II University. A new subtotal appears in the tables for this expansion from the Doctoral Universities I category (UNC Greensboro only) to Doctoral Universities I and II (UNC Greensboro, East Carolina, and ECU Health Affairs). Previous year subtotals are thus blank for the expanded category and reflect the previous inclusion of ECU/ECU Health Affairs in the Masters (Comprehensive I) category. In May, 1999, Anson Community College's name was abolished to provide a charter for a new dual campus, regional community college. South Piedmont Community College will be the name of this institution, which now serves Anson and Union counties. This name change will be reflected in next year's study.

The tables included in this study are published each fall on the UNC General Administration website to provide quick access to the summary data by all interested parties. The site address is <http://www.ga.unc.edu/publications/facilities/index.html>.



Glaxo Wellcome Technology Center, Durham Technical Community College

Durham Technical Community College's latest facilities addition greatly enhances instructional space for the institution's information technology and medical programs. Opened to students during the summer of 1998, the new 50,000-square-foot technology center is named for Glaxo Wellcome's continuing corporate support, including the largest private donation the college has ever received.

Designed for intense instructional use, the new facility is home to the following programs of study: Information Systems, which also has concentrations in Network Administration/Support and Programming; Associate Degree Nursing; Clinical Trials Research; Occupational Therapy; Pharmacy Technology; Phlebotomy; Practical Nursing; Respiratory Care; and Surgical Technology.

Utilization of Instructional Space

Capacity/Enrollment Ratio	9
Sq. Ft. of Academic Facilities Per FTE Student	17
Room Hours of Instruction in Classrooms	24
Room Hours of Instruction in Class	
Laboratories	30
Use of Student Stations in Classrooms	36
Use of Student Stations in Class	
Laboratories	42
Percent Student Station Utilization	48
Student Clock Hours of Instruction	55
Space Factors	58
Range of Space Utilization Indices	62
Space Standards	64
FTE Enrollments	69

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 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

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

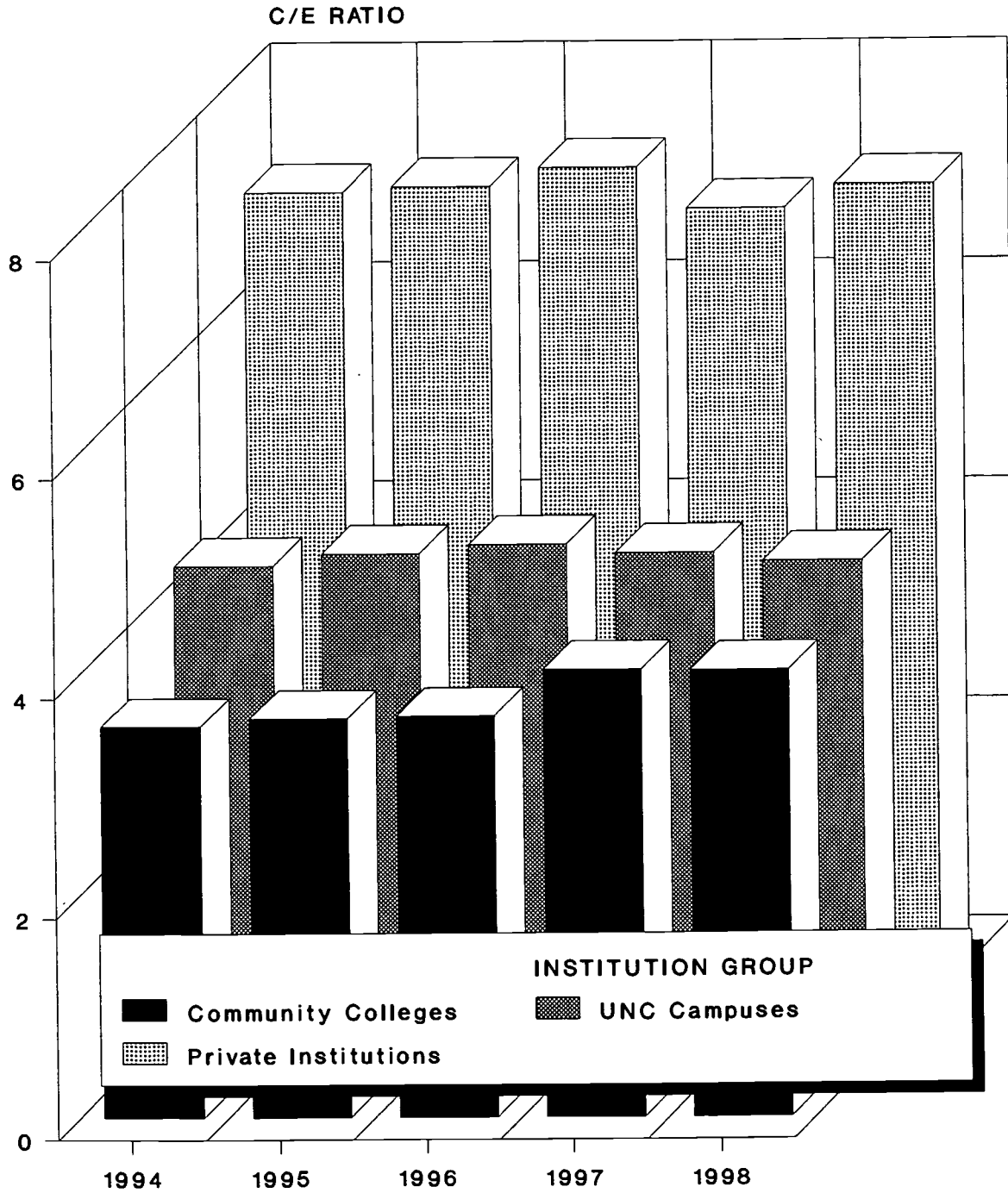
Student Clock Hours

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

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

**CAPACITY/ENROLLMENT RATIO = INSTRUCTIONAL & LIBRARY SPACE
TOTAL WEEKLY STUDENT CLOCK HOURS**

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1998	1997	1996	1995	1994
<u>Research Universities I:</u>							
NC State	1,361,085	360,674.5	3.77	3.86	3.96	3.95	3.88
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,496,582	253,362.0	5.91	5.92	6.07	6.18	5.76
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,857,667	614,036.5	4.65	4.72	4.83	4.86	4.67
<u>Doctoral Universities I and II:</u>							
East Carolina	840,453	219,721.0	3.83	3.67	3.89	3.48	3.29
ECU-Health Aff.	-	-	-	-	-	-	-
UNC-Greensboro	561,266	145,634.5	3.85	3.68	3.79	3.71	4.00
SUBTOTAL	1,401,719	365,355.5	3.84	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>							
Appalachian	659,882	180,790.0	3.65	3.91	3.80	4.05	4.14
Fayetteville	260,963	50,671.5	5.15	5.14	5.56	5.94	4.70
NC A & T	541,280	109,652.5	4.94	5.11	5.10	4.84	4.73
NC Central	404,325	71,623.5	5.65	5.73	6.21	6.06	5.84
UNC-Charlotte	613,401	212,504.5	2.89	3.18	3.21	3.02	2.98
UNC-Pembroke	221,107	36,303.5	6.09	5.97	5.91	6.20	5.83
UNC-Wilmington	421,646	137,241.0	3.07	3.21	3.11	2.94	2.91
West'n Carolina	496,189	84,111.0	5.90	6.11	5.97	5.71	5.56
SUBTOTAL	3,618,793	882,897.5	4.10	4.18	4.24	4.12	4.00
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>							
Elizabeth City	219,742	33,470.5	6.57	6.31	6.60	5.98	6.21
UNC-Asheville	265,058	44,147.5	6.00	6.39	5.67	5.39	4.58
Winston-Salem	215,590	34,933.5	6.17	5.51	6.04	6.05	5.94
SUBTOTAL	700,390	112,551.5	6.22	6.07	6.07	5.79	5.51

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio					
			1998	1997	1996	1995	1994	
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts*	215,556	31,883.0	6.76	6.72	9.47	9.28	9.16	
<u>Community Colleges:</u>								
SUBTOTAL	7,829,266	1,934,479.0	4.05	4.06	3.64	3.62	3.55	
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	1,492,189	193,029.0	7.73	7.99	7.92	7.20	7.61	
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	3,997,521	576,412.0	6.94	6.60	7.03	7.09	6.80	
<u>Junior Colleges:</u>								
SUBTOTAL	61,654	7,992.0	7.71	7.39	11.36	8.15	8.77	
GRAND TOTAL	22,174,755	4,718,636.0	4.70	4.73	4.62	4.57	4.48	

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

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio					
			1998	1997	1996	1995	1994	
<u>Community Colleges:</u>								
Alamance CC	137,427	41,865.5	3.28	3.34	3.73	2.63	2.74	
Anson CC	46,147	13,875.0	3.33	2.70	2.76	2.95	2.83	
Ashev'le-Bun. TCC	250,658	62,133.5	4.03	4.11	3.80	4.15	3.89	
Beaufort Co. CC	88,351	19,292.0	4.58	5.49	4.98	3.89	4.48	
Bladen CC	60,014	10,515.0	5.71	4.98	4.75	4.96	4.98	
Blue Ridge CC	156,915	28,487.0	5.51	6.75	7.20	6.77	7.12	
Brunswick CC	82,841	16,546.5	5.01	3.80	3.72	3.18	3.66	
Caldwell CC & TI	159,653	28,490.5	5.60	6.35	5.22	4.53	4.13	
Cape Fear CC	179,145	53,563.0	3.34	2.58	2.66	2.99	2.56	
Carteret CC	70,437	18,649.0	3.78	3.61	3.18	3.20	3.12	
Catawba Vy. CC	205,384	51,276.5	4.01	3.29	3.38	3.38	3.14	
C. Carolina CC	162,705	51,564.0	3.16	3.25	3.02	2.95	3.34	
C. Piedmont CC	506,470	153,028.0	3.31	3.29	2.64	2.79	2.47	
Cleveland CC	99,603	23,916.0	4.16	4.26	3.27	4.95	4.00	
Coastal Car. CC	152,647	46,892.0	3.26	3.44	3.00	2.73	2.62	
Col. Albemarle	84,862	28,200.0	3.01	2.89	2.56	2.96	2.94	
Craven CC	91,839	28,725.0	3.20	3.17	2.89	2.89	2.94	
Davidson Co. CC	166,361	30,807.0	5.40	5.47	4.01	4.14	4.00	
Durham TCC	161,437	40,464.5	3.99	3.13	4.06	3.28	3.25	
Edgecombe CC	86,607	21,575.5	4.01	3.72	3.45	4.01	4.11	
Fayettev'le TCC	302,193	97,289.0	3.11	3.04	2.66	2.87	2.62	
Forsyth TCC	297,993	55,746.0	5.35	4.88	4.31	4.50	4.61	
Gaston Col.	188,472	38,713.0	4.87	4.88	4.44	4.01	3.57	
Guilford TCC	420,532	87,961.0	4.78	4.75	4.60	3.74	3.57	
Halifax CC	84,367	20,636.0	4.09	4.02	3.53	3.17	2.93	
Haywood CC	134,204	21,829.0	6.15	6.09	5.16	5.31	5.33	
Isothermal CC	133,836	24,949.0	5.36	6.02	5.47	5.82	5.71	
J. Sprunt CC	76,618	16,825.0	4.55	4.74	5.16	4.71	4.54	
Johnston CC	115,194	30,618.5	3.76	3.36	3.39	3.30	3.34	
Lenoir CC	160,231	35,534.5	4.51	4.82	3.69	4.33	4.43	

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio					
			1998	1997	1996	1995	1994	
<u>Community Colleges:</u>								
Martin CC	81,141	10,186.0	7.97	5.91	4.56	4.75	5.77	
Mayland CC	54,143	8,284.0	6.54	6.84	4.97	5.65	5.28	
McDowell TCC	57,588	11,127.0	5.18	5.35	3.35	4.02	4.45	
Mitchell CC	118,286	26,372.0	4.49	4.62	4.67	4.44	4.65	
Montgomery CC	55,110	7,903.0	6.97	4.49	3.92	3.87	4.13	
Nash CC	88,324	28,720.0	3.08	3.66	3.19	2.69	3.67	
Pamlico CC	20,838	3,556.5	5.86	6.84	5.96	5.06	5.78	
Piedmont CC	72,926	15,602.5	4.67	4.78	5.25	5.09	5.62	
Pitt CC	150,321	49,751.5	3.02	3.33	2.79	3.52	3.58	
Randolph CC	142,829	26,287.5	5.43	5.82	4.81	5.25	4.54	
Richmond CC	78,883	21,756.5	3.63	4.16	4.28	3.69	3.91	
Roanoke-Cho. CC	52,947	13,198.0	4.01	4.99	4.90	4.98	4.40	
Robeson CC	92,243	26,095.5	3.53	3.84	3.20	3.04	3.45	
Rockingham CC	156,959	27,501.5	5.71	5.72	5.23	4.49	4.56	
Rowan-Cab. CC	157,012	40,613.5	3.87	3.99	3.31	3.26	3.54	
Sampson CC	77,130	18,515.5	4.17	3.45	3.62	3.53	3.01	
Sandhills CC	161,561	28,672.5	5.63	4.65	3.68	4.24	3.72	
Southeastern CC	107,663	24,651.5	4.37	4.68	4.30	3.75	3.75	
Southwestern CC	109,840	24,491.0	4.48	4.35	3.16	4.01	3.74	
Stanly CC	79,435	25,810.5	3.08	3.87	3.53	3.24	2.80	
Surry CC	142,069	41,747.0	3.40	3.26	2.95	2.55	2.79	
Tri-County CC	66,905	15,456.0	4.33	3.97	5.06	5.01	4.75	
Vance-Granv. CC	118,160	39,302.5	3.01	3.46	3.20	3.14	2.87	
Wake TCC	218,037	89,835.5	2.43	2.79	2.76	2.78	2.78	
Wayne CC	161,960	40,675.5	3.98	5.07	4.30	3.64	3.66	
W. Piedmont CC	116,503	21,015.5	5.54	6.36	3.78	3.62	3.61	
Wilkes CC	135,644	30,472.5	4.45	4.18	3.68	3.86	4.20	
Wilson TCC	91,666	16,912.0	5.42	5.60	4.44	4.56	4.88	
TOTAL	7,829,266	1,934,479.0	4.05	4.06	3.64	3.62	3.55	

TABLE 2:

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

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

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

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

Academic Facilities

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

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (pp. 117-118). The term refers to an institution's total assignable area (page 81) 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), or 765 (Hazardous Materials 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), 765 (Hazardous Materials Service), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

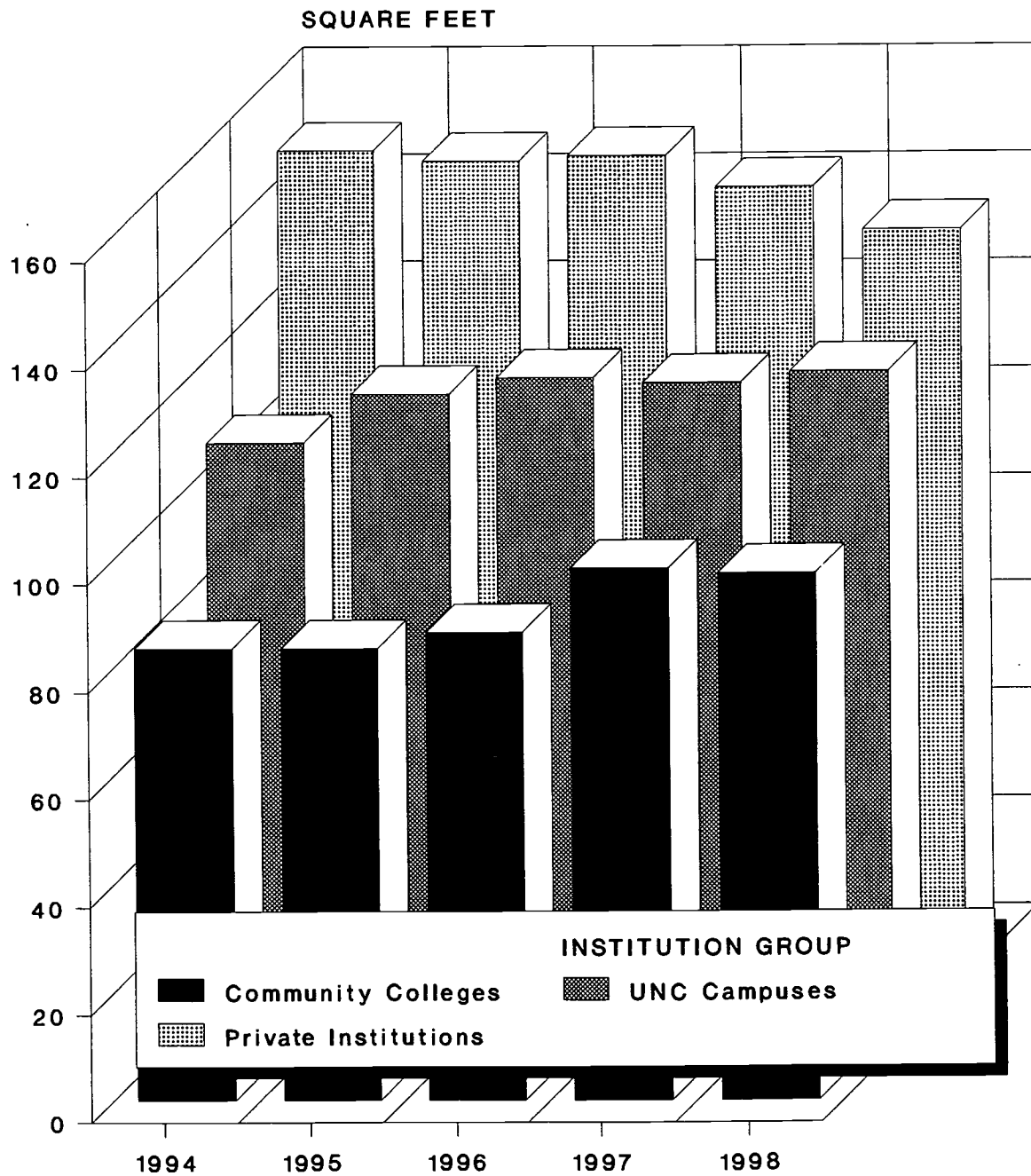
Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount 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 69.

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 69.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

SQUARE FEET OF ACADEMIC FACILITIES
FTE ENROLLMENT

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student					
			1998	1997	1996	1995	1994	
<u>Research Universities I:</u>								
NC State	4,625,575	23,010	201	187	187	182	136	
NC State Vet.	263,581	301	876	870	873	900	800	
UNC-Chapel Hill	2,736,922	18,290	150	149	146	143	140	
UNC-Health Aff.	1,530,350	3,392	451	436	418	415	398	
SUBTOTAL*	7,362,497	41,300	178	170	169	164	137	
<u>Doctoral Universities I and II:</u>								
East Carolina	1,202,788	15,170	79	76	84	80	77	
ECU-Health Aff.	559,262	1,317	425	423	337	321	414	
UNC-Greensboro	979,357	11,028	89	92	92	89	96	
SUBTOTAL	2,182,145	26,198	83	-	-	-	-	
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	1,022,613	11,865	86	87	88	90	91	
Fayetteville	390,102	3,455	113	114	122	122	102	
NC A & T**	995,104	6,777	147	145	144	132	127	
NC Central	572,176	4,882	117	116	124	121	116	
UNC-Charlotte	889,785	14,018	63	67	68	65	65	
UNC-Pembroke	300,811	2,574	117	116	112	113	106	
UNC-Wilmington	601,936	8,859	68	69	69	66	66	
West'n Carolina	714,670	5,758	124	118	119	119	123	
SUBTOTAL*	5,487,197	58,188	94	91	94	92	90	
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	310,912	1,820	171	170	170	164	155	
UNC-Asheville	352,148	2,720	129	132	119	117	106	
Winston-Salem	335,608	2,489	135	131	147	130	127	
SUBTOTAL	998,668	7,029	142	142	143	134	127	

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>							
NC Sch. of Arts***	288,228	755	382	380	355	364	383
<u>Community Colleges:</u>							
SUBTOTAL	9,802,697	100,072	98	99	87	84	84
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL*	2,762,098	16,089	172	171	173	172	178
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	5,373,710	44,611	120	131	137	137	136
<u>Junior Colleges:</u>							
SUBTOTAL	102,845	442	233	230	288	267	219
GRAND TOTAL	34,360,085	294,684	117	118	115	112	108

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

** Agricultural programs at N.C. A&T require a significant amount of academic space. The 1998 figures for these programs are: ASF: 214,188; FTE: 277; ASF per FTE: 773. Figures for all other campus programs: ASF: 780,916; FTE: 6,500; ASF per FTE: 120.

*** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts.

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1998	1997	1996	1995	1994
<u>Community Colleges:</u>							
Alamance CC	166,661	2,044	82	87	79	63	61
Anson CC	55,596	864	64	74	67	73	74
Ashev'le-Bun. TCC	302,132	2,898	104	115	110	110	101
Beaufort Co. CC	114,879	1,146	100	113	107	90	98
Bladen CC	84,769	588	144	139	111	122	114
Blue Ridge CC	193,151	1,270	152	221	146	135	129
Brunswick CC	126,215	566	223	172	142	121	125
Caldwell CC & TI	201,818	1,746	116	93	78	99	108
Cape Fear CC	204,060	3,086	66	52	54	60	52
Carteret CC	104,531	972	108	107	103	91	90
Catawba Vy. CC	247,621	2,314	107	98	96	95	96
C. Carolina CC	181,557	1,622	112	114	76	86	91
C. Piedmont CC	622,179	6,966	89	81	69	60	57
Cleveland CC	123,258	1,228	100	110	102	123	126
Coastal Car. CC	179,145	2,534	71	76	70	59	59
Col. Albemarle	127,288	1,114	114	107	73	81	78
Craven CC	101,648	1,468	69	69	68	53	67
Davidson Co. CC	209,000	1,856	113	116	95	96	101
Durham TCC	213,974	2,890	74	71	68	63	62
Edgecombe CC	111,439	1,134	98	93	81	85	85
Fayettev'le TCC	384,672	4,514	85	83	68	69	69
Forsyth TCC	365,571	3,084	119	112	101	103	105
Gaston Col.	240,278	2,584	93	100	78	77	68
Guilford TCC	511,991	4,994	103	104	93	83	81
Halifax CC	112,035	1,158	97	116	107	89	79
Haywood CC	184,374	1,406	131	145	142	147	146
Isothermal CC	158,464	1,352	117	138	130	123	130
J. Sprunt CC	97,747	812	120	112	109	105	94
Johnston CC	164,548	1,664	99	93	85	77	66
Lenoir CC	196,418	1,556	126	131	98	100	103

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1998	1997	1996	1995	1994
<u>Community Colleges:</u>							
Martin CC	104,383	540	193	175	148	159	156
Mayland CC	74,616	538	139	151	104	128	104
McDowell TCC	74,918	736	102	100	73	87	100
Mitchell CC	152,456	1,160	131	145	121	119	121
Montgomery CC	71,740	484	148	93	84	89	91
Nash CC	103,347	1,256	82	92	88	83	85
Pamlico CC	26,227	150	175	221	180	148	156
Piedmont CC	101,082	808	125	133	114	158	165
Pitt CC	180,549	3,044	59	67	60	61	61
Randolph CC	170,224	1,128	151	165	122	132	113
Richmond CC	103,588	1,020	102	122	115	111	108
Roanoke-Cho. CC	70,263	692	102	112	124	129	120
Robeson CC	114,979	1,246	92	92	82	85	90
Rockingham CC	195,279	1,380	142	141	128	111	107
Rowan-Cab. CC	182,898	2,440	75	84	64	66	111
Sampson CC	94,760	930	102	98	93	99	91
Sandhills CC	190,331	2,264	84	78	71	71	69
Southeastern CC	131,639	1,418	93	91	85	81	79
Southwestern CC	138,871	1,198	116	116	91	109	103
Stanly CC	94,725	988	96	92	73	76	68
Surry CC	162,130	2,174	75	72	70	58	61
Tri-County CC	85,394	570	150	120	130	137	125
Vance-Granv. CC	161,820	1,552	104	105	102	95	89
Wake TCC	293,812	5,022	59	66	63	61	62
Wayne CC	195,689	2,040	96	100	99	85	84
W. Piedmont CC	143,008	1,512	95	92	70	67	70
Wilkes CC	182,838	1,408	130	106	96	109	113
Wilson TCC	114,112	944	121	137	109	106	114
TOTAL	9,802,697	100,072	98	99	87	84	84

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

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

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

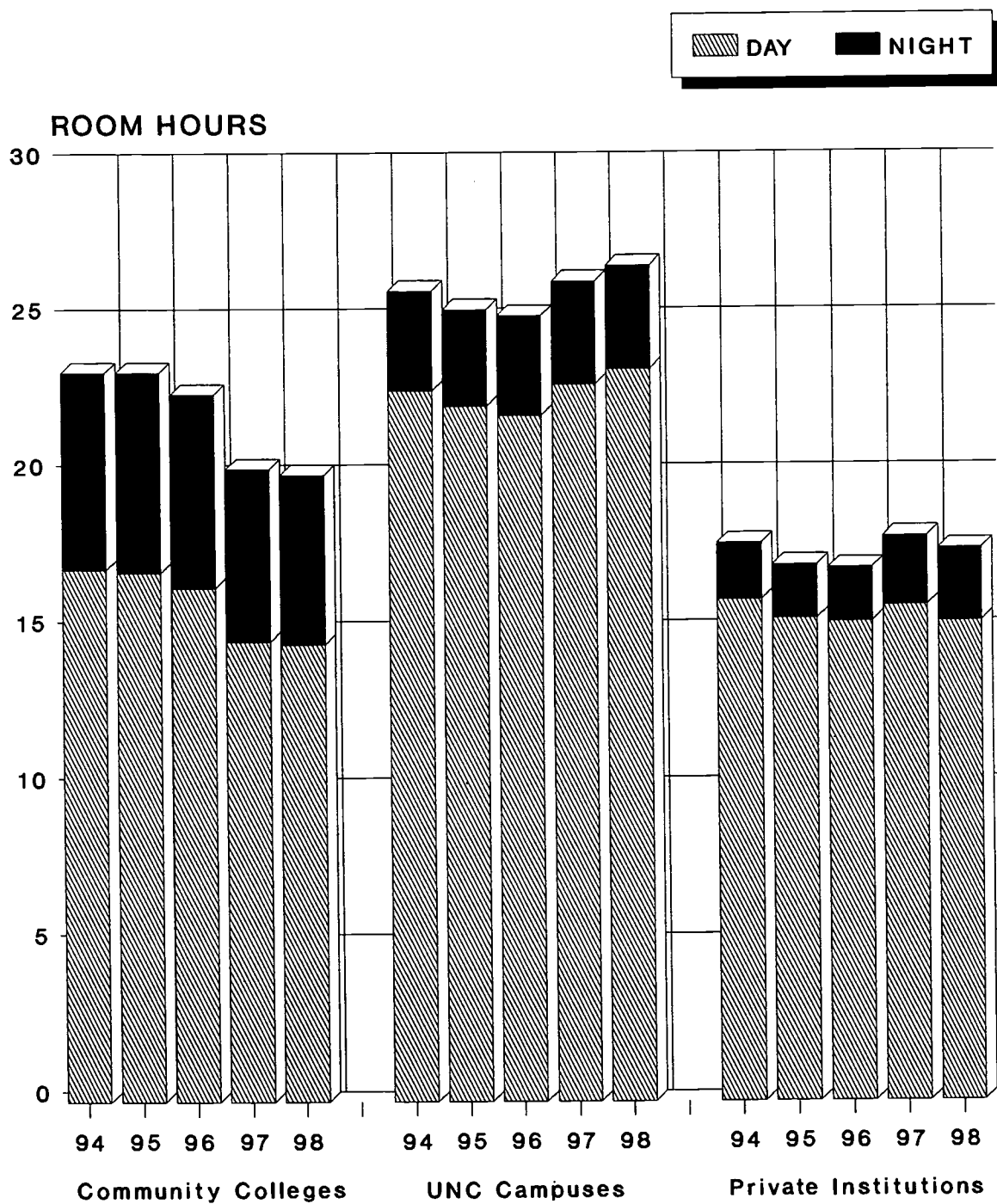
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. The University of North Carolina standard is 35 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS
TOTAL NUMBER OF CLASSROOMS

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Research Universities I:</u>								
NC State	7,737.5	29.4	3.2	32.6	31.9	32.4	32.2	32.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,572.5	26.8	1.3	28.1	28.0	25.0	24.6	26.3
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,310.0	28.1	2.3	30.4	30.0	28.5	28.2	29.4
<u>Doctoral Universities I and II:</u>								
East Carolina	5,207.0	22.5	3.3	25.8	25.4	24.8	25.4	27.2
ECU-Health Aff.	-	-	-	-	-	-	-	-
UNC-Greensboro	3,994.5	26.6	5.1	31.7	30.5	29.1	29.5	28.8
SUBTOTAL	9,201.5	24.0	4.0	28.0	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	5,186.0	22.9	1.9	24.8	25.7	26.2	26.2	25.3
Fayetteville	1,881.0	20.7	4.4	25.1	24.7	20.2	19.9	22.9
NC A & T	3,087.0	18.2	3.0	21.2	20.4	21.2	21.0	20.8
NC Central	2,253.0	15.8	3.8	19.6	18.1	15.4	16.3	16.3
UNC-Charlotte	4,625.5	29.0	8.6	37.6	35.6	33.1	36.2	38.3
UNC-Pembroke	1,327.0	15.8	2.6	18.4	18.2	18.4	19.0	19.3
UNC-Wilmington	3,148.5	31.9	3.9	35.8	34.5	34.9	34.2	35.2
West'n Carolina	2,639.0	21.4	2.4	23.8	21.8	22.2	22.1	23.8
SUBTOTAL	24,147.0	22.0	3.7	25.7	25.1	24.2	24.4	25.2
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	1,052.0	16.3	1.8	18.1	18.5	17.5	19.3	18.2
UNC-Asheville	1,574.5	24.2	6.6	30.8	29.2	27.9	28.6	26.9
Winston-Salem	1,166.5	15.1	2.8	17.9	19.2	17.0	17.3	17.1
SUBTOTAL	3,793.0	18.2	3.6	21.8	22.1	20.5	21.4	20.4

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	602.0	16.4	0.8	17.2	16.2	15.9	17.3	17.7
<u>Community Colleges:</u>								
SUBTOTAL	69,373.0	14.6	5.4	20.0	20.2	22.6	23.3	23.3
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	5,991.0	14.8	1.0	15.8	16.0	16.4	17.4	18.0
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	24,150.0	15.5	2.7	18.2	18.6	17.5	17.2	18.0
<u>Junior Colleges:</u>								
SUBTOTAL	379.5	12.6	0.9	13.5	13.8	8.8	13.4	14.4
GRAND TOTAL	151,947.0	17.2	4.1	21.3	21.5	22.0	22.3	22.7

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Alamance CC	1,381.5	18.2	7.9	26.1	26.1	24.9	30.0	30.3
Anson CC	486.0	19.4	4.9	24.3	28.0	24.8	24.8	24.6
Ashev'le-Bun. TCC	2,421.0	18.7	5.7	24.4	23.9	23.8	23.0	21.7
Beaufort Co. CC	650.5	11.4	5.7	17.1	15.8	15.8	19.6	15.8
Bladen CC	414.0	8.4	6.4	14.8	17.2	24.3	23.2	23.6
Blue Ridge CC	1,050.0	12.5	5.6	18.1	17.1	18.7	19.0	17.3
Brunswick CC	857.0	14.9	3.4	18.3	24.9	24.7	25.9	24.1
Caldwell CC & TI	929.0	9.0	4.1	13.1	12.5	18.4	21.9	22.4
Cape Fear CC	1,520.5	17.6	6.1	23.7	34.0	35.0	27.2	38.2
Carteret CC	782.5	15.5	5.1	20.6	19.7	19.8	20.9	20.6
Catawba Vy. CC	1,633.0	16.2	6.5	22.7	25.2	26.4	25.9	26.0
C. Carolina CC	1,808.5	17.2	6.2	23.4	25.1	24.7	27.2	27.0
C. Piedmont CC	5,782.5	16.9	5.9	22.8	22.2	26.5	28.0	27.5
Cleveland CC	810.5	14.2	9.6	23.8	22.9	23.3	21.4	21.7
Coastal Car. CC	1,565.0	16.4	5.7	22.1	19.9	22.5	29.2	29.4
Col. Albemarle	949.0	16.5	5.0	21.5	24.1	24.8	22.2	21.7
Craven CC	1,060.5	16.2	6.4	22.6	22.4	23.6	19.7	22.6
Davidson Co. CC	1,157.0	10.7	5.3	16.0	13.7	18.2	17.5	18.0
Durham TCC	1,614.0	13.6	6.6	20.2	24.2	19.7	23.4	22.6
Edgecombe CC	939.5	13.6	3.8	17.4	17.0	17.7	18.4	16.9
Fayettev'le TCC	3,602.5	17.8	5.6	23.4	24.9	30.1	26.8	29.5
Forsyth TCC	2,050.5	9.4	5.4	14.8	18.7	20.7	19.7	18.8
Gaston Col.	1,571.0	13.2	5.8	19.0	20.3	22.4	21.5	24.7
Guilford TCC	3,385.5	12.1	4.1	16.2	14.9	15.5	22.5	21.6
Halifax CC	891.0	17.9	5.6	23.5	24.0	24.3	25.4	26.8
Haywood CC	812.5	16.0	4.9	20.9	20.6	22.9	22.5	19.2
Isothermal CC	643.0	11.4	4.3	15.7	14.4	17.2	16.4	17.3
J. Sprunt CC	477.5	9.1	2.6	11.7	15.1	15.5	14.5	13.6
Johnston CC	1,123.0	15.6	4.8	20.4	24.0	21.1	21.5	22.9
Lenoir CC	1,604.0	14.1	3.8	17.9	15.5	20.8	18.2	17.9

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Martin CC	246.0	8.9	2.3	11.2	14.5	17.3	16.6	16.4
Mayland CC	371.5	8.3	2.4	10.7	11.0	20.7	17.4	18.5
McDowell TCC	311.5	8.3	5.2	13.5	10.4	15.6	17.0	19.7
Mitchell CC	1,105.5	11.9	6.5	18.4	18.5	19.6	21.1	22.8
Montgomery CC	220.0	7.9	4.3	12.2	8.0	13.0	13.0	11.6
Nash CC	1,014.0	21.6	8.2	29.8	26.6	30.0	30.2	26.8
Pamlico CC	236.5	20.4	9.1	29.5	22.4	26.2	30.1	27.5
Piedmont CC	680.5	14.4	5.6	20.0	15.0	16.3	16.3	15.3
Pitt CC	1,602.0	21.9	7.2	29.1	23.0	29.5	27.3	27.9
Randolph CC	1,104.5	13.3	7.9	21.2	18.9	19.5	20.5	19.7
Richmond CC	800.0	14.7	5.4	20.1	22.6	20.3	23.2	23.0
Roanoke-Cho. CC	420.0	17.3	3.7	21.0	20.5	21.6	20.0	20.9
Robeson CC	715.5	13.2	6.2	19.4	21.0	25.4	24.5	25.2
Rockingham CC	881.5	12.5	5.5	18.0	18.0	19.1	23.4	23.6
Rowan-Cab. CC	1,746.5	15.5	8.4	23.9	22.0	25.4	24.9	23.2
Sampson CC	836.0	14.9	6.0	20.9	25.6	29.7	28.7	29.1
Sandhills CC	898.5	8.4	3.2	11.6	18.7	24.6	19.7	21.2
Southeastern CC	833.5	14.6	3.5	18.1	16.3	17.2	20.2	18.0
Southwestern CC	813.5	13.3	3.3	16.6	19.9	20.8	21.0	20.4
Stanly CC	1,033.5	16.5	6.5	23.0	17.8	24.6	24.9	27.2
Surry CC	1,033.0	16.7	6.8	23.5	24.8	27.0	31.5	27.9
Tri-County CC	718.0	11.7	7.7	19.4	23.1	22.4	19.8	19.5
Vance-Granv. CC	1,259.0	18.3	7.9	26.2	21.4	23.3	23.5	28.1
Wake TCC	2,563.5	22.7	4.3	27.0	24.4	26.0	25.7	26.7
Wayne CC	1,204.0	15.9	4.2	20.1	15.8	19.1	21.5	23.1
W. Piedmont CC	765.5	12.2	4.5	16.7	14.4	23.1	25.6	25.6
Wilkes CC	1,346.5	16.2	5.2	21.4	19.8	24.0	26.3	22.9
Wilson TCC	641.0	12.6	5.2	17.8	19.1	23.6	22.7	21.3
TOTAL	69,373.0	14.6	5.4	20.0	20.2	22.6	23.3	23.3

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 24.

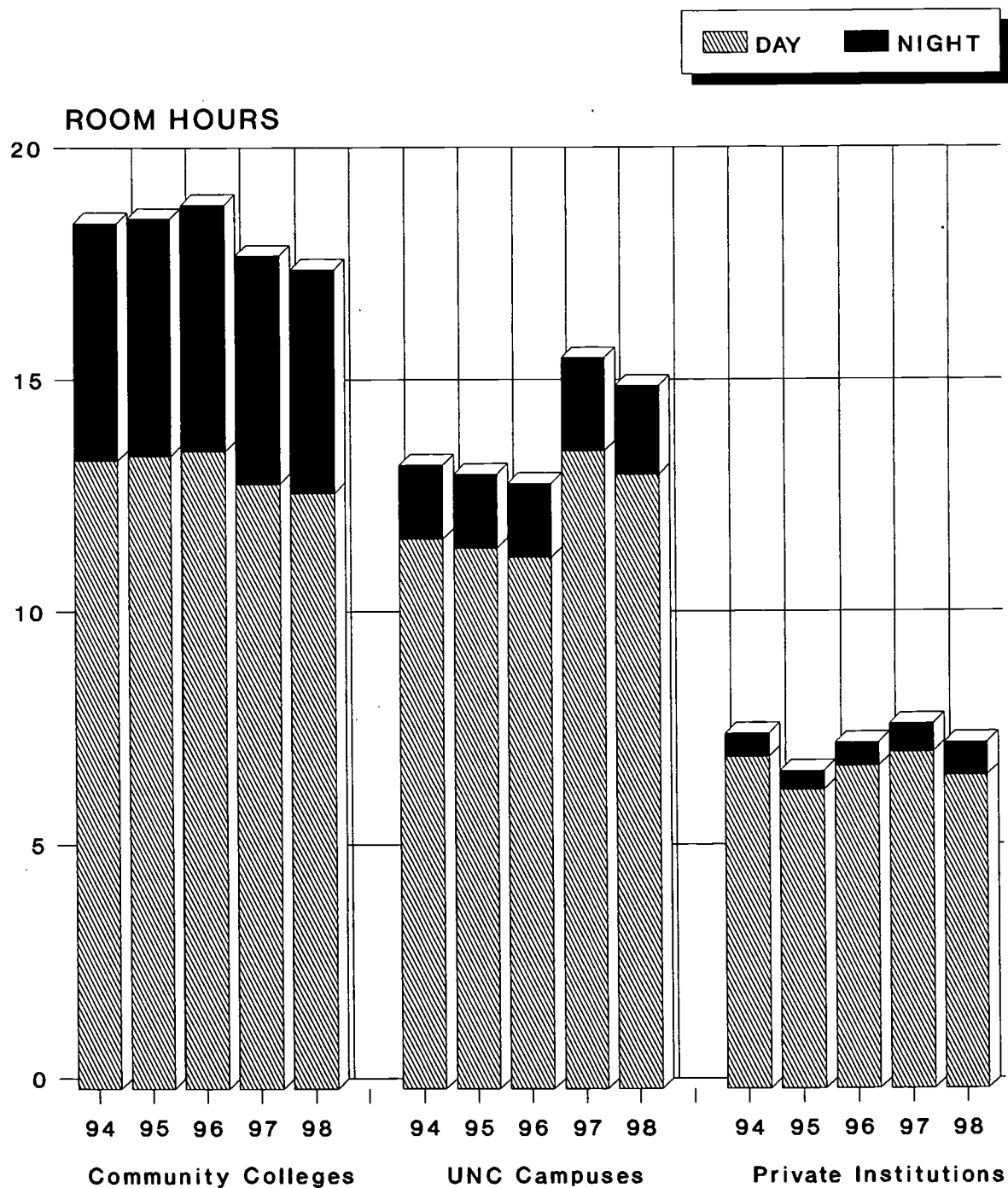
For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled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

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

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

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

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Research Universities I:</u>								
NC State	2,111.0	15.0	1.7	16.7	18.8	10.8	10.8	12.7
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,131.5	13.9	2.3	16.2	17.3	13.3	13.0	13.9
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	3,242.5	14.6	1.9	16.5	18.4	11.3	11.3	13.0
<u>Doctoral Universities I and II:</u>								
East Carolina	2,260.0	15.3	2.2	17.5	17.5	17.8	18.0	14.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
UNC-Greensboro	945.5	14.7	1.9	16.6	16.7	14.7	13.9	13.8
SUBTOTAL	3,205.5	15.1	2.1	17.2	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	1,205.5	9.6	1.2	10.8	13.9	14.9	14.1	12.7
Fayetteville	484.5	13.8	1.8	15.6	15.8	13.6	12.5	12.8
NC A & T	1,175.0	12.2	2.0	14.2	13.7	14.1	12.0	13.1
NC Central	398.5	7.9	1.0	8.9	8.9	7.0	6.7	6.0
UNC-Charlotte	2,196.5	17.7	3.6	21.3	20.2	19.2	19.3	20.8
UNC-Pembroke	273.5	8.9	0.3	9.2	7.5	7.0	7.2	6.4
UNC-Wilmington	1,091.0	17.5	2.7	20.2	19.1	11.4	21.6	20.2
West'n Carolina	622.5	10.4	0.7	11.1	13.2	11.4	12.6	14.9
SUBTOTAL	7,447.0	12.6	1.9	14.5	15.4	14.1	14.7	14.1
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	467.0	10.4	1.6	12.0	13.0	12.7	14.5	13.1
UNC-Asheville	374.0	9.7	1.7	11.4	10.9	11.1	10.4	10.5
Winston-Salem	195.0	5.6	0.9	6.5	10.6	9.6	7.3	8.6
SUBTOTAL	1,036.0	8.7	1.4	10.1	11.6	11.2	11.1	11.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	757.5	14.7	2.2	16.9	15.0	11.7	11.2	11.8
<u>Community Colleges:</u>								
SUBTOTAL	43,305.0	12.8	4.8	17.6	17.9	19.0	18.7	18.6
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	640.0	4.1	0.4	4.5	4.4	4.7	3.5	5.5
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	4,976.0	7.2	0.7	7.9	8.7	8.1	7.7	8.0
<u>Junior Colleges:</u>								
SUBTOTAL	80.5	8.2	0.8	9.0	7.6	6.4	5.2	7.6
GRAND TOTAL	64,690.0	11.8	3.3	15.1	15.5	15.1	15.0	15.2

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Alamance CC	1,122.5	16.5	6.4	22.9	22.3	22.9	27.4	25.7
Anson CC	627.5	19.9	7.3	27.2	31.7	27.4	25.1	23.6
Ashev'le-Bun. TCC	1,015.5	11.3	4.4	15.7	18.6	21.5	20.0	18.2
Beaufort Co. CC	538.5	12.3	3.6	15.9	14.5	18.1	22.0	20.0
Bladen CC	447.5	14.4	6.0	20.4	21.0	19.7	20.3	19.3
Blue Ridge CC	729.0	13.2	6.5	19.7	19.6	13.5	12.3	12.5
Brunswick CC	278.0	8.4	2.7	11.1	16.6	18.4	21.5	16.3
Caldwell CC & TI	779.0	8.3	3.2	11.5	9.4	11.9	13.9	14.9
Cape Fear CC	1,283.0	19.3	5.4	24.7	26.7	25.4	25.6	24.4
Carteret CC	443.0	10.7	4.6	15.3	13.1	17.6	18.5	16.6
Catawba Vy. CC	1,265.0	13.5	5.7	19.2	24.0	23.2	23.4	22.0
C. Carolina CC	1,150.5	13.0	4.1	17.1	17.8	18.2	16.5	16.1
C. Piedmont CC	2,869.0	15.2	4.9	20.1	19.4	26.0	26.0	27.1
Cleveland CC	790.5	10.7	7.2	17.9	16.2	16.9	13.4	12.5
Coastal Car. CC	991.0	14.8	5.1	19.9	21.0	22.2	21.8	23.8
Col. Albemarle	497.0	15.2	3.9	19.1	18.4	21.7	18.6	16.6
Craven CC	667.5	18.2	6.5	24.7	25.3	26.4	25.9	27.2
Davidson Co. CC	760.5	9.2	4.4	13.6	13.9	13.7	16.9	15.1
Durham TCC	652.5	7.8	4.3	12.1	18.7	15.7	15.8	15.3
Edgecombe CC	644.0	12.2	4.8	17.0	20.1	20.8	17.4	16.1
Fayettev'le TCC	1,652.0	13.0	4.6	17.6	20.2	17.5	17.1	16.4
Forsyth TCC	1,107.0	8.8	4.8	13.6	13.7	15.4	15.7	15.1
Gaston Col.	514.0	9.1	3.8	12.9	16.0	14.8	14.8	14.6
Guilford TCC	1,484.5	9.9	3.2	13.1	13.2	13.9	14.7	13.9
Halifax CC	406.0	12.8	4.2	17.0	20.5	21.3	23.1	30.0
Haywood CC	864.5	16.0	4.1	20.1	18.6	18.1	21.2	18.6
Isothermal CC	638.0	12.0	4.8	16.8	16.1	18.5	17.6	17.3
J. Sprunt CC	437.5	15.0	1.8	16.8	13.6	14.3	14.2	20.6
Johnston CC	488.5	8.6	3.3	11.9	16.3	13.8	13.6	14.4
Lenoir CC	556.5	11.7	3.4	15.1	15.2	19.0	16.9	14.7

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Martin CC	548.5	13.2	3.4	16.6	16.5	16.2	14.8	16.5
Mayland CC	217.5	13.2	6.6	19.8	18.4	19.6	23.6	25.1
McDowell TCC	365.0	9.7	6.9	16.6	19.0	21.9	19.3	24.0
Mitchell CC	398.0	7.4	4.7	12.1	10.0	11.3	10.9	11.7
Montgomery CC	375.0	10.3	3.6	13.9	20.2	22.2	23.4	22.9
Nash CC	603.5	16.6	7.5	24.1	20.3	22.0	20.0	17.6
Pamlico CC	146.0	10.9	7.4	18.3	19.0	16.8	14.5	14.0
Piedmont CC	478.5	12.5	5.9	18.4	19.9	18.4	16.6	18.2
Pitt CC	964.0	14.8	3.1	17.9	18.0	18.0	12.7	13.3
Randolph CC	793.0	12.3	4.2	16.5	13.8	17.3	14.6	17.6
Richmond CC	425.5	13.0	7.2	20.2	19.3	18.2	18.2	17.6
Roanoke-Cho. CC	372.0	17.8	5.5	23.3	22.5	19.9	20.0	20.0
Robeson CC	624.5	11.9	7.0	18.9	15.9	16.3	16.1	17.5
Rockingham CC	718.0	10.4	5.2	15.6	15.9	18.9	22.1	19.0
Rowan-Cab. CC	748.0	12.3	5.5	17.8	18.5	19.8	19.6	18.4
Sampson CC	245.5	10.8	4.5	15.3	17.8	15.9	19.0	21.2
Sandhills CC	526.0	10.4	2.2	12.6	15.4	14.2	13.0	15.6
Southeastern CC	532.0	10.0	3.3	13.3	13.3	13.4	12.8	10.5
Southwestern CC	504.0	11.3	3.1	14.4	13.4	15.7	14.1	15.6
Stanly CC	700.5	15.9	5.3	21.2	18.5	17.7	20.0	19.9
Surry CC	1,104.0	18.0	7.6	25.6	26.6	27.9	25.1	27.5
Tri-County CC	389.5	13.5	7.0	20.5	18.7	16.3	12.8	12.8
Vance-Granv. CC	1,105.5	16.6	6.9	23.5	19.5	23.6	24.8	26.4
Wake TCC	1,902.0	21.2	7.6	28.8	26.3	28.6	27.3	27.1
Wayne CC	998.5	16.3	4.1	20.4	14.0	16.0	17.4	17.2
W. Piedmont CC	387.5	8.5	3.3	11.8	9.9	19.9	22.7	20.0
Wilkes CC	752.5	14.0	3.9	17.9	17.9	18.7	17.2	17.8
Wilson TCC	681.0	12.4	7.1	19.5	19.4	20.6	18.5	19.8
TOTAL	43,305.0	12.8	4.8	17.6	17.9	19.0	18.7	18.6

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

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

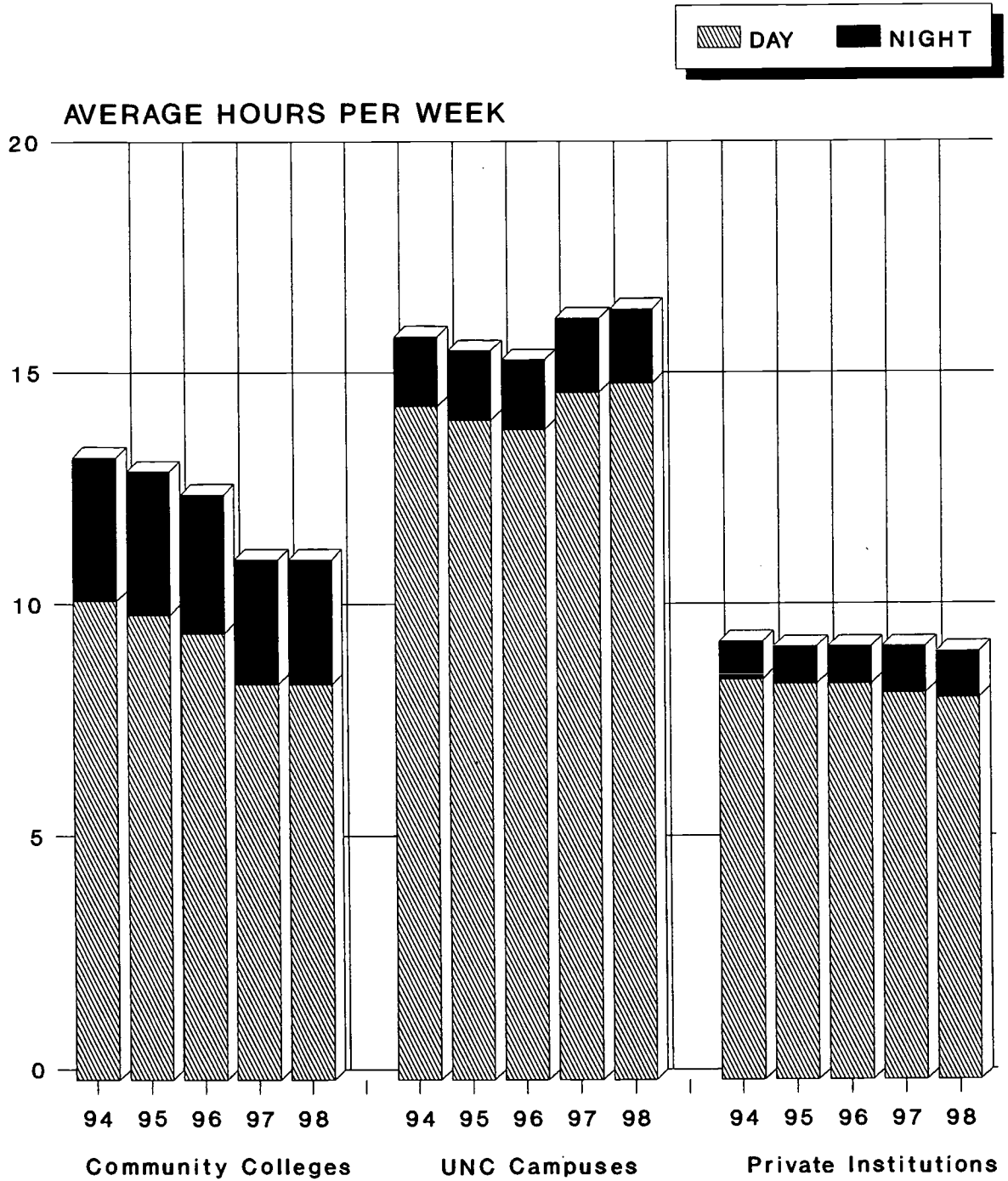
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table 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 =

TOTAL STUDENT CLOCK HOURS IN CLASSROOMS
TOTAL STUDENT STATIONS IN CLASSROOMS

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Research Universities I:</u>								
NC State	13,743	18.5	1.8	20.3	20.1	19.8	19.7	19.8
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	12,280	17.5	0.6	18.1	17.9	15.5	15.2	16.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	26,023	18.0	1.2	19.2	19.1	17.6	17.4	18.1
<u>Doctoral Universities I and II:</u>								
East Carolina	10,008	15.6	1.8	17.4	17.5	17.3	17.3	18.3
ECU-Health Aff.	-	-	-	-	-	-	-	-
UNC-Greensboro	6,964	14.6	2.1	16.7	18.2	17.5	17.9	16.5
SUBTOTAL	16,972	15.2	1.9	17.1	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	8,504	15.5	0.9	16.4	16.6	16.8	16.0	15.6
Fayetteville	2,876	11.9	1.8	13.7	13.5	10.9	10.2	11.7
NC A & T	6,260	11.7	1.4	13.1	12.2	12.6	13.5	13.5
NC Central	5,604	8.9	1.7	10.6	10.0	8.7	9.2	9.6
UNC-Charlotte	7,166	18.7	4.0	22.7	21.1	19.7	22.9	23.0
UNC-Pembroke	2,864	9.2	1.3	10.5	10.5	9.9	9.7	10.4
UNC-Wilmington	4,838	20.0	1.9	21.9	20.1	20.3	21.7	22.2
West'n Carolina	4,822	11.8	1.2	13.0	13.0	12.9	13.3	13.5
SUBTOTAL	42,934	14.1	1.8	15.9	15.7	15.1	15.4	15.8
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	2,533	8.0	0.7	8.7	9.1	8.6	9.5	9.8
UNC-Asheville	1,871	14.1	3.3	17.4	16.8	14.3	14.8	14.6
Winston-Salem	3,049	7.7	1.2	8.9	9.5	8.3	8.7	8.9
SUBTOTAL	7,453	9.4	1.5	10.9	11.2	10.1	10.7	10.8

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	860	11.6	0.5	12.1	10.7	10.1	10.7	10.6
<u>Community Colleges:</u>								
SUBTOTAL	109,273	8.5	2.7	11.2	11.2	12.6	13.1	13.4
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	16,164	9.9	0.4	10.3	9.9	9.8	10.7	10.1
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	50,776	7.7	1.2	8.9	9.3	8.7	8.8	9.2
<u>Junior Colleges:</u>								
SUBTOTAL	944	5.9	0.4	6.3	7.5	5.2	7.9	8.0
GRAND TOTAL	271,399	10.7	1.9	12.6	12.7	12.8	13.1	13.4

**Average Weekly Use of Student Stations
in Classrooms**

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Alamance CC	1,963	9.1	3.4	12.5	12.3	9.6	15.1	13.9
Anson CC	494	10.2	2.8	13.0	14.2	14.6	16.6	17.9
Ashev'le-Bun. TCC	2,893	12.3	3.0	15.3	14.3	14.5	13.4	13.3
Beaufort Co. CC	991	6.6	3.4	10.0	8.3	8.1	11.9	10.1
Bladen CC	727	4.3	2.8	7.1	8.0	11.7	10.0	10.3
Blue Ridge CC	1,592	7.7	2.8	10.5	8.6	10.0	9.9	9.6
Brunswick CC	1,470	6.7	1.7	8.4	12.0	12.2	13.4	12.7
Caldwell CC & TI	1,940	6.4	2.6	9.0	7.9	10.5	12.2	11.9
Cape Fear CC	1,870	12.7	4.4	17.1	21.4	22.2	17.9	24.3
Carteret CC	1,033	9.6	2.7	12.3	14.0	13.3	13.2	13.9
Catawba Vy. CC	1,932	11.0	3.7	14.7	15.0	15.0	14.2	15.9
C. Carolina CC	2,367	9.9	3.2	13.1	13.3	14.1	17.2	15.6
C. Piedmont CC	9,122	9.0	3.2	12.2	12.2	14.6	14.8	15.9
Cleveland CC	1,120	7.1	4.2	11.3	11.5	11.8	9.9	10.6
Coastal Car. CC	2,094	10.9	3.4	14.3	12.7	15.4	19.2	19.4
Col. Albemarle	1,418	8.1	2.1	10.2	11.3	11.9	11.5	11.8
Craven CC	1,556	7.3	2.3	9.6	10.0	11.2	10.5	11.1
Davidson Co. CC	2,512	5.5	2.1	7.6	7.3	9.7	9.3	9.4
Durham TCC	2,616	8.0	3.6	11.6	14.6	10.9	14.3	13.7
Edgecombe CC	1,352	8.4	1.7	10.1	10.5	11.1	11.2	11.2
Fayettev'le TCC	5,648	9.9	2.4	12.3	12.2	15.5	14.3	16.2
Forsyth TCC	4,424	5.6	2.7	8.3	10.4	11.6	10.8	10.5
Gaston Col.	2,944	7.3	2.5	9.8	9.4	11.3	11.4	13.8
Guilford TCC	6,012	8.2	2.3	10.5	10.0	9.5	12.6	13.9
Halifax CC	1,172	10.9	2.4	13.3	12.5	13.7	13.7	14.8
Haywood CC	1,082	8.7	1.6	10.3	10.9	13.6	12.4	11.9
Isothermal CC	1,213	7.0	2.2	9.2	8.4	9.2	9.1	9.4
J. Sprunt CC	964	7.0	1.6	8.6	9.4	9.7	11.3	9.6
Johnston CC	1,979	8.4	2.0	10.4	11.1	11.0	12.6	13.7
Lenoir CC	2,290	8.8	2.0	10.8	9.8	13.1	10.1	10.9

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Martin CC	634	4.8	0.9	5.7	8.1	11.4	10.6	8.9
Mayland CC	854	4.8	1.3	6.1	6.1	10.8	8.9	9.5
McDowell TCC	509	5.4	3.0	8.4	6.8	9.4	9.7	8.1
Mitchell CC	1,917	6.6	3.3	9.9	9.4	10.3	11.3	11.7
Montgomery CC	620	2.5	1.4	3.9	4.9	6.3	7.6	5.5
Nash CC	1,092	12.7	4.2	16.9	14.1	16.4	14.9	13.0
Pamlico CC	216	8.9	2.8	11.7	8.5	11.4	14.0	14.0
Piedmont CC	801	7.8	2.9	10.7	8.6	10.6	10.5	9.2
Pitt CC	1,878	14.1	3.8	17.9	14.6	19.8	17.5	17.6
Randolph CC	1,327	7.7	3.8	11.5	10.8	13.3	12.8	13.2
Richmond CC	1,119	10.8	2.9	13.7	12.7	12.7	14.5	14.2
Roanoke-Cho. CC	565	9.6	1.6	11.2	10.4	12.1	11.0	13.1
Robeson CC	1,243	8.5	2.7	11.2	11.2	13.5	17.3	13.5
Rockingham CC	1,807	7.3	2.0	9.3	9.3	10.3	12.8	13.2
Rowan-Cab. CC	2,485	8.3	3.5	11.8	10.7	12.2	12.5	11.7
Sampson CC	1,363	7.8	2.9	10.7	15.7	15.3	15.7	17.0
Sandhills CC	2,878	4.5	1.2	5.7	9.1	12.6	10.8	11.5
Southeastern CC	2,091	6.3	1.1	7.4	7.1	8.1	9.9	10.3
Southwestern CC	1,201	8.7	1.8	10.5	11.6	13.0	13.1	13.1
Stanly CC	1,511	7.3	3.0	10.3	8.7	11.2	12.6	14.7
Surry CC	1,531	10.1	3.3	13.4	14.0	15.9	21.4	19.1
Tri-County CC	1,268	5.1	2.8	7.9	12.6	9.9	9.5	10.3
Vance-Granv. CC	1,481	10.3	4.0	14.3	11.8	12.8	12.4	14.8
Wake TCC	3,312	14.4	2.7	17.1	15.1	15.2	15.2	15.1
Wayne CC	1,911	10.3	1.9	12.2	9.7	12.0	13.3	13.9
W. Piedmont CC	1,672	6.2	1.8	8.0	7.2	12.2	12.9	13.4
Wilkes CC	2,157	6.6	1.9	8.5	8.2	9.7	10.7	9.4
Wilson TCC	1,040	6.9	2.3	9.2	9.4	12.3	12.6	11.6
TOTAL	109,273	8.5	2.7	11.2	11.2	12.6	13.1	13.4

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.

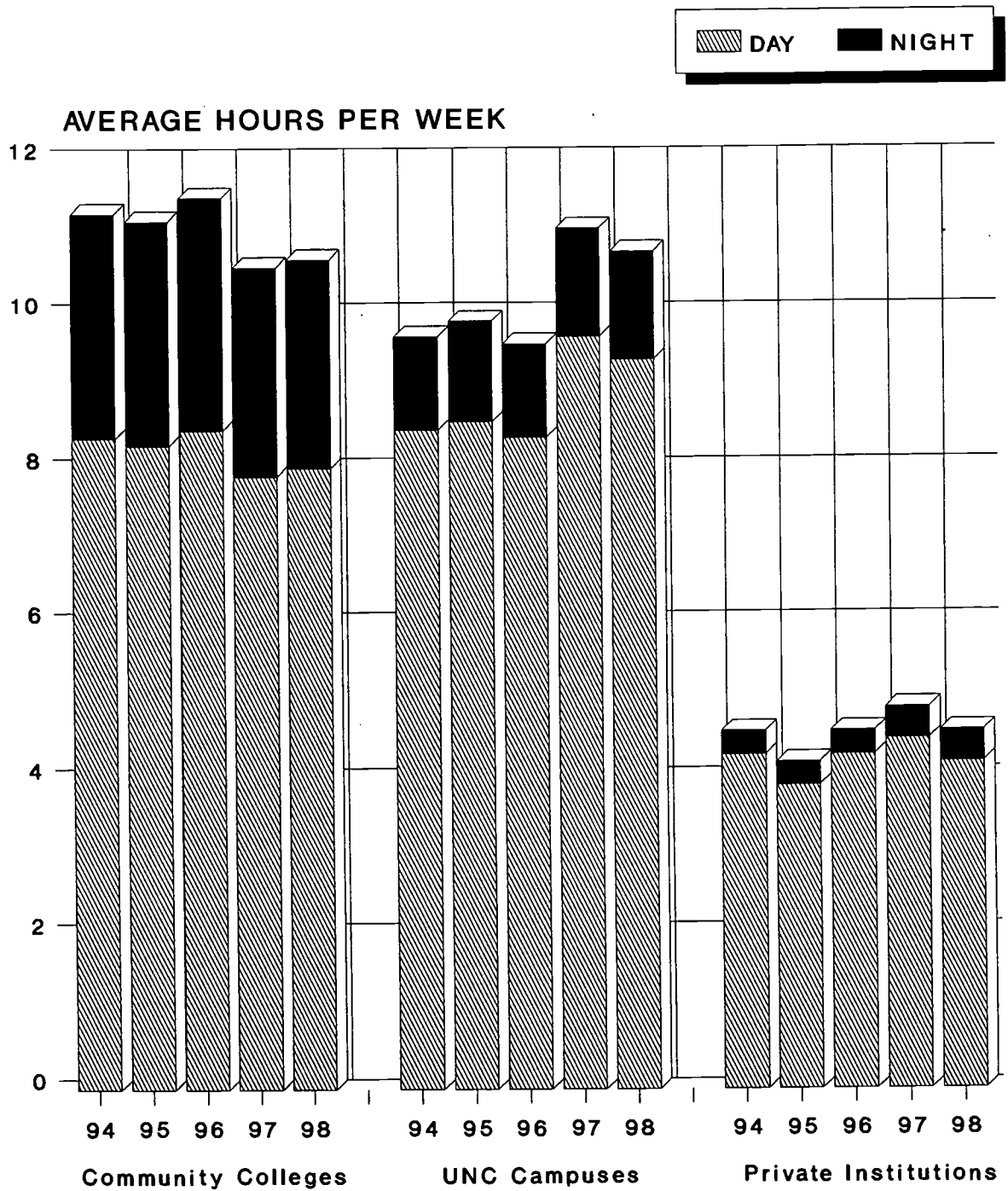
For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime 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 =

TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES
TOTAL STUDENT STATIONS IN CLASS LABORATORIES

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES



Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Research Universities I:</u>								
NC State	3,115	13.1	1.3	14.4	13.5	9.4	9.9	11.2
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,218	7.7	1.9	9.6	12.4	8.2	8.4	8.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	5,333	10.9	1.6	12.5	13.2	9.1	9.4	10.3
<u>Doctoral Universities I and II:</u>								
East Carolina	3,343	10.6	1.5	12.1	12.6	13.3	12.9	10.6
ECU-Health Aff.	-	-	-	-	-	-	-	-
UNC-Greensboro	1,603	10.4	1.3	11.7	11.9	10.3	10.3	9.8
SUBTOTAL	4,946	10.5	1.4	11.9	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	2,588	7.1	1.0	8.1	10.2	11.7	10.7	9.9
Fayetteville	839	8.8	0.9	9.7	10.0	8.4	7.5	7.2
NC A & T	2,208	9.2	1.5	10.7	10.4	10.0	9.1	9.6
NC Central	1,294	4.9	0.5	5.4	6.7	4.0	4.2	3.9
UNC-Charlotte	2,485	14.1	2.7	16.8	14.9	13.8	14.5	14.9
UNC-Pembroke	706	4.9	0.1	5.0	4.8	4.8	4.3	4.0
UNC-Wilmington	1,335	13.1	1.6	14.7	14.1	11.0	16.8	17.3
West'n Carolina	1,393	7.1	0.5	7.6	8.7	7.3	8.0	8.2
SUBTOTAL	12,848	9.2	1.3	10.5	11.1	10.4	10.6	10.1
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	1,156	6.4	1.4	7.8	8.5	7.2	8.8	7.4
UNC-Asheville	817	6.7	1.1	7.8	6.4	6.5	6.4	6.7
Winston-Salem	845	2.7	0.7	3.4	7.0	6.3	5.1	5.8
SUBTOTAL	2,818	5.4	1.1	6.5	7.4	6.7	7.0	6.7

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	1,239	9.3	1.6	10.9	10.6	7.3	7.8	8.6
<u>Community Colleges:</u>								
SUBTOTAL	55,813	8.0	2.7	10.7	10.6	11.5	11.2	11.3
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	2,626	3.5	0.3	3.8	3.9	4.2	2.5	4.6
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	15,766	4.3	0.4	4.7	5.0	4.8	4.5	4.6
<u>Junior Colleges:</u>								
SUBTOTAL	212	4.1	0.0	4.1	4.0	4.0	3.7	4.4
GRAND TOTAL	101,601	7.7	2.0	9.7	9.6	9.6	9.5	9.6

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Alamance CC	1,256	9.6	3.4	13.0	12.4	11.7	14.0	14.3
Anson CC	508	10.0	3.2	13.2	14.1	15.2	14.8	13.6
Ashev'le-Bun. TCC	1,387	6.6	2.6	9.2	10.8	12.0	11.2	11.7
Beaufort Co. CC	771	9.5	1.9	11.4	9.4	10.7	14.4	12.2
Bladen CC	472	7.7	3.0	10.7	11.8	12.1	11.5	10.9
Blue Ridge CC	750	9.8	3.7	13.5	11.3	7.6	7.6	7.5
Brunswick CC	541	5.3	1.2	6.5	8.8	11.2	13.6	10.3
Caldwell CC & TI	1,292	5.6	2.3	7.9	6.5	8.9	10.5	10.8
Cape Fear CC	1,133	13.6	4.2	17.8	19.3	17.5	17.9	16.7
Carteret CC	662	5.8	2.0	7.8	6.6	9.6	11.0	10.2
Catawba Vy. CC	1,406	8.7	3.5	12.2	14.1	13.7	14.2	14.2
C. Carolina CC	1,654	8.5	2.2	10.7	10.7	11.8	11.5	10.9
C. Piedmont CC	3,162	8.1	3.1	11.2	10.5	13.8	13.1	15.5
Cleveland CC	949	6.1	4.4	10.5	9.5	11.0	8.2	7.7
Coastal Car. CC	1,270	9.6	3.0	12.6	13.5	14.0	14.9	17.1
Col. Albemarle	573	9.1	2.4	11.5	10.8	12.9	11.4	9.8
Craven CC	745	8.6	3.4	12.0	12.1	13.2	15.6	14.5
Davidson Co. CC	1,297	5.7	2.3	8.0	8.6	7.7	10.1	9.2
Durham TCC	1,242	4.8	2.9	7.7	11.6	9.9	10.0	9.8
Edgecombe CC	695	8.0	3.3	11.3	14.3	14.5	12.0	11.1
Fayettev'le TCC	2,541	7.4	2.4	9.8	10.6	10.6	10.9	10.5
Forsyth TCC	1,921	5.5	2.9	8.4	8.3	9.5	9.1	9.3
Gaston Col.	1,032	5.7	1.7	7.4	9.1	8.5	8.9	9.1
Guilford TCC	2,393	7.2	2.1	9.3	9.9	9.7	10.1	10.1
Halifax CC	506	6.6	2.4	9.0	10.9	12.9	11.1	13.3
Haywood CC	886	9.2	2.5	11.7	12.3	11.5	11.7	11.8
Isothermal CC	957	7.9	2.8	10.7	9.0	10.4	9.7	10.0
J. Sprunt CC	559	10.5	1.0	11.5	7.2	7.0	6.6	11.6
Johnston CC	1,054	5.7	1.6	7.3	8.4	7.9	8.0	8.0
Lenoir CC	745	8.0	2.1	10.1	10.3	13.7	10.5	9.7

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1998	1997	1996	1995	1994
<u>Community Colleges:</u>								
Martin CC	901	5.7	1.1	6.8	9.5	8.8	8.3	7.1
Mayland CC	250	8.5	3.0	11.5	9.1	10.3	10.9	11.7
McDowell TCC	558	5.6	3.3	8.9	10.2	15.0	10.4	11.2
Mitchell CC	732	4.4	2.7	7.1	6.3	6.6	6.1	6.3
Montgomery CC	595	5.6	1.7	7.3	11.4	14.5	14.7	15.5
Nash CC	478	11.1	5.0	16.1	15.1	17.4	15.5	12.5
Pamlico CC	152	3.4	3.2	6.6	7.1	7.5	7.7	8.3
Piedmont CC	564	7.3	3.5	10.8	13.0	11.4	10.1	9.3
Pitt CC	983	11.8	2.2	14.0	14.4	14.4	9.9	10.0
Randolph CC	949	7.8	2.3	10.1	9.2	12.0	10.1	12.6
Richmond CC	456	8.5	4.6	13.1	13.4	12.5	12.5	12.4
Roanoke-Cho. CC	383	9.1	2.9	12.0	9.5	12.0	11.0	13.0
Robeson CC	1,011	8.4	2.7	11.1	9.3	10.3	9.6	9.7
Rockingham CC	1,109	5.4	2.5	7.9	8.5	8.9	12.0	10.7
Rowan-Cab. CC	953	8.3	3.2	11.5	11.4	10.1	10.0	8.9
Sampson CC	337	6.3	2.6	8.9	9.2	9.4	9.6	11.5
Sandhills CC	1,047	6.5	1.1	7.6	8.0	8.3	7.3	9.5
Southeastern CC	870	5.8	1.4	7.2	6.2	6.9	7.1	6.8
Southwestern CC	662	9.4	2.1	11.5	10.0	12.3	10.3	12.7
Stanly CC	1,059	6.9	2.5	9.4	6.5	6.3	7.4	7.6
Surry CC	998	13.6	4.2	17.8	17.2	18.9	17.5	17.9
Tri-County CC	343	10.0	4.5	14.5	13.4	10.6	9.1	7.9
Vance-Granv. CC	1,243	10.0	3.2	13.2	10.9	13.3	13.3	12.6
Wake TCC	1,241	16.8	6.5	23.3	19.7	20.7	19.6	19.3
Wayne CC	1,217	10.1	2.5	12.6	9.4	11.1	12.2	10.9
W. Piedmont CC	728	5.1	1.6	6.7	6.0	12.9	14.1	12.5
Wilkes CC	980	7.8	1.8	9.6	8.2	8.8	8.7	8.7
Wilson TCC	655	7.0	3.9	10.9	10.0	11.9	9.6	10.9
TOTAL	55,813	8.0	2.7	10.7	10.6	11.5	11.2	11.3

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.

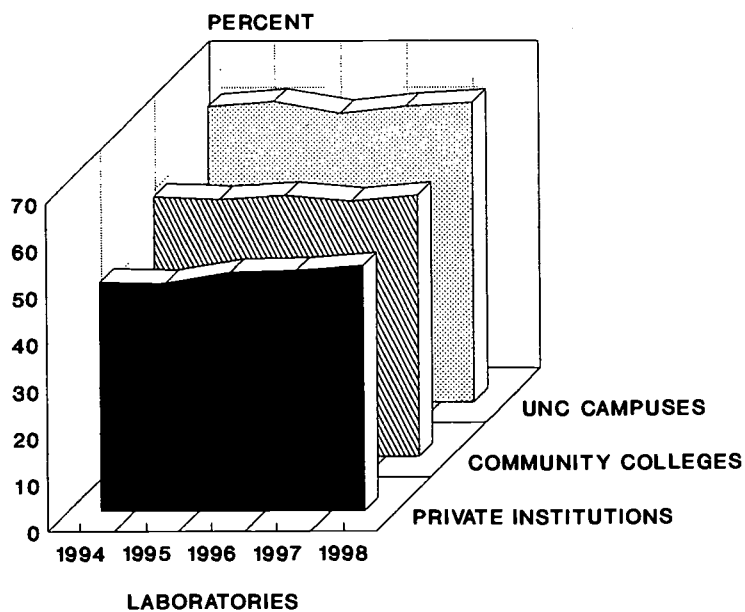
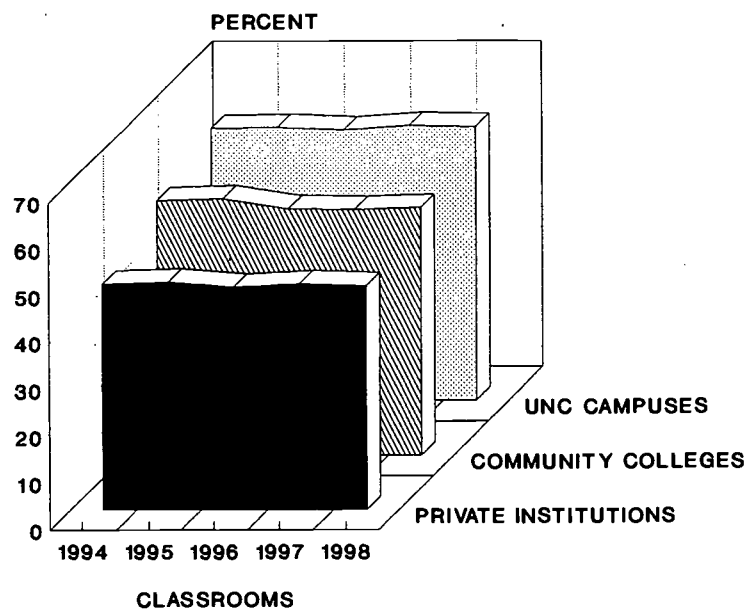
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all 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 North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage for all N.C. institutions is usually less than 60%.

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

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

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



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

Table 7

INSTITUTION	Classrooms					Laboratories				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<u>Research Universities I:</u>										
NC State	60.3	60.8	60.1	59.6	60.7	83.7	70.1	75.1	78.4	78.3
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	61.0	59.4	59.4	59.8	60.1	63.3	60.4	55.9	61.9	53.0
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	60.6	60.2	59.8	59.7	60.4	75.8	66.7	68.9	73.3	69.5
<u>Doctoral Universities I and II:</u>										
East Carolina	64.1	65.2	64.0	63.3	63.1	63.8	63.6	66.2	67.1	70.3
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
UNC-Greensboro	55.0	60.8	60.8	62.2	59.1	58.7	59.7	57.3	58.6	56.3
SUBTOTAL	60.1	-	-	-	-	62.1	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>										
Appalachian	61.5	59.6	60.1	57.1	58.1	59.7	60.1	58.3	59.7	59.2
Fayetteville	52.3	52.3	51.0	48.1	49.1	58.9	63.9	58.6	54.4	51.9
NC A & T	59.4	59.4	59.9	64.7	65.6	65.2	66.4	62.6	67.5	65.3
NC Central	50.1	51.0	49.5	50.5	51.1	47.8	64.1	49.1	52.5	53.6
UNC-Charlotte	63.3	62.0	60.5	63.0	60.2	69.3	66.1	62.3	66.6	62.8
UNC-Pembroke	52.0	55.3	51.0	47.9	51.2	47.4	56.4	64.1	55.9	54.2
UNC-Wilmington	62.6	61.5	58.2	63.2	63.2	64.7	67.7	66.6	65.5	71.1
West'n Carolina	52.4	53.5	53.2	54.6	52.5	55.8	52.7	48.4	49.9	50.0
SUBTOTAL	58.6	59.6	58.4	59.1	58.8	62.4	63.4	61.1	62.8	62.4
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>										
Elizabeth City	42.4	43.9	42.9	43.8	47.3	50.1	52.2	47.1	48.4	45.3
UNC-Asheville	54.1	52.8	47.8	49.3	50.1	61.0	46.2	49.9	56.3	55.6
Winston-Salem	42.7	42.8	44.3	45.5	44.2	40.5	57.7	57.0	73.4	66.9
SUBTOTAL	46.5	46.5	45.2	46.4	47.2	51.4	51.7	50.1	54.3	52.4

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

Table 7

INSTITUTION	Classrooms					Laboratories				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<u>Schools of Art, Music and Design:</u>										
NC Sch. of Arts	67.9	61.4	57.4	57.1	56.0	62.3	74.5	54.9	56.8	63.2
<u>Community Colleges:</u>										
SUBTOTAL	53.0	52.6	52.8	53.5	54.5	55.8	54.5	55.8	54.9	55.5
PRIVATE INSTITUTIONS										
<u>Major Research Universities:</u>										
SUBTOTAL	57.2	55.8	52.2	54.6	50.3	56.5	54.1	58.8	51.1	62.0
<u>Gen. Baccalaureate Colleges:</u>										
SUBTOTAL	45.2	46.3	46.0	46.6	47.4	52.0	51.1	50.0	48.1	47.1
<u>Junior Colleges:</u>										
SUBTOTAL	45.7	54.4	56.3	58.7	54.4	39.9	44.0	49.4	62.1	47.9
GRAND TOTAL	54.4	54.5	54.0	54.7	54.9	57.7	56.6	57.0	56.9	57.0

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

Table 7

INSTITUTION	Classrooms					Laboratories				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<u>Community Colleges:</u>										
Alamance CC	45.0	45.8	37.3	46.8	42.4	54.5	52.5	47.6	47.8	50.9
Anson CC	54.7	51.6	60.3	64.9	70.4	47.9	42.6	53.6	57.0	55.7
Ashev'le-Bun. TCC	57.7	55.7	56.5	54.3	56.9	52.7	53.5	53.2	52.5	61.0
Beaufort Co. CC	58.1	52.9	53.1	55.2	56.2	72.0	61.7	59.2	61.9	59.7
Bladen CC	49.4	54.2	43.5	43.1	41.6	48.6	50.9	54.4	49.1	49.4
Blue Ridge CC	54.2	48.8	48.7	46.0	47.7	62.0	53.0	55.9	59.4	58.7
Brunswick CC	48.6	49.6	49.5	52.2	54.0	49.6	47.3	57.9	59.9	58.9
Caldwell CC & TI	58.3	56.0	54.4	51.4	48.3	55.0	57.6	61.2	58.5	56.4
Cape Fear CC	60.7	60.0	59.6	64.4	64.0	65.2	66.6	64.5	65.7	64.1
Carteret CC	53.5	63.2	58.1	55.4	59.4	52.1	50.0	52.4	58.0	59.6
Catawba Vy. CC	59.4	56.1	53.7	51.3	57.2	60.0	57.9	57.0	58.7	62.9
C. Carolina CC	53.3	50.1	52.6	59.2	54.1	58.5	57.1	59.7	65.3	61.7
C. Piedmont CC	52.9	53.4	53.6	50.7	55.1	48.1	45.2	44.7	41.5	48.0
Cleveland CC	44.3	48.0	49.6	43.5	46.4	50.7	50.7	57.5	52.7	52.1
Coastal Car. CC	63.0	61.7	65.7	64.7	66.0	62.6	62.4	63.4	66.7	69.0
Col. Albemarle	43.2	46.7	44.1	45.4	48.3	57.5	55.1	57.4	62.5	54.1
Craven CC	42.7	43.2	47.9	54.1	48.3	46.6	45.2	48.5	56.6	51.5
Davidson Co. CC	45.5	49.7	51.7	51.4	51.0	48.8	51.6	45.3	56.0	53.1
Durham TCC	61.9	60.7	53.5	60.7	58.8	61.2	57.9	55.4	55.8	57.3
Edgecombe CC	57.0	61.2	60.7	58.2	65.0	57.9	62.0	62.7	60.9	61.3
Fayettev'le TCC	50.2	47.3	49.7	50.1	53.5	54.2	52.3	57.0	60.4	58.2
Forsyth TCC	55.7	55.1	56.8	57.6	54.6	58.3	57.9	60.3	55.2	61.3
Gaston Col.	51.5	45.1	47.9	50.8	54.5	55.5	52.8	52.3	55.9	57.2
Guilford TCC	61.6	64.8	58.1	54.5	61.5	65.0	67.2	63.4	59.3	63.3
Halifax CC	52.5	48.7	54.9	53.7	51.9	47.6	47.3	53.6	41.6	44.4
Haywood CC	49.4	52.2	54.2	50.1	54.9	56.5	54.7	54.2	52.3	55.5
Isothermal CC	52.5	52.5	49.6	51.3	49.1	56.4	50.9	52.8	52.7	54.0
J. Sprunt CC	52.5	48.2	50.8	61.2	57.7	60.8	44.2	42.7	41.4	49.2
Johnston CC	50.4	47.2	50.5	53.2	54.7	54.8	48.7	53.1	53.4	50.6
Lenoir CC	57.9	57.1	56.4	52.5	59.7	59.6	61.7	66.8	57.6	59.8

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

Table 7

INSTITUTION	Classrooms					Laboratories				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<u>Community Colleges:</u>										
Martin CC	48.2	55.6	63.2	61.7	50.8	37.9	54.0	50.0	47.7	39.5
Mayland CC	55.9	53.9	52.1	48.7	50.3	64.2	54.4	52.8	48.3	48.7
McDowell TCC	54.6	56.3	55.0	50.4	38.5	50.9	50.3	61.3	49.7	44.6
Mitchell CC	51.7	51.9	50.2	52.7	49.5	53.7	57.5	50.9	51.3	51.0
Montgomery CC	26.3	61.9	47.3	55.0	45.7	55.5	54.4	63.0	63.8	66.4
Nash CC	58.8	57.5	57.6	51.2	50.4	66.9	73.4	80.3	74.4	67.7
Pamlico CC	39.3	36.4	39.2	43.0	45.6	32.7	34.6	39.9	47.4	50.9
Piedmont CC	53.3	51.8	54.2	58.6	51.3	56.8	58.4	58.1	56.7	45.9
Pitt CC	59.8	59.2	60.7	62.1	60.8	64.4	66.2	67.5	68.5	66.0
Randolph CC	52.5	53.5	62.5	58.5	60.8	58.7	63.4	62.4	63.2	68.2
Richmond CC	56.9	53.0	57.3	59.6	57.0	59.8	62.1	63.3	63.4	65.0
Roanoke-Cho. CC	49.9	46.1	52.5	51.1	57.5	47.4	39.6	53.8	50.5	62.5
Robeson CC	60.8	55.6	52.7	69.5	53.7	57.9	57.2	63.4	60.6	54.8
Rockingham CC	50.9	49.3	53.3	53.6	53.9	43.8	52.8	44.1	48.0	45.9
Rowan-Cab. CC	48.5	48.2	48.3	50.5	49.0	60.3	55.7	50.3	50.8	48.6
Sampson CC	51.0	57.5	49.1	52.1	53.9	50.9	49.1	57.1	48.9	54.0
Sandhills CC	47.3	47.7	50.8	55.6	54.1	52.7	48.3	54.5	54.3	54.9
Southeastern CC	37.9	36.9	45.1	45.9	52.5	43.0	37.0	45.2	53.0	48.0
Southwestern CC	56.0	51.2	54.8	55.9	57.8	68.4	68.6	74.4	70.2	79.4
Stanly CC	41.6	43.0	41.0	45.9	52.0	38.7	31.3	36.9	35.1	36.1
Surry CC	55.2	56.9	60.1	62.6	65.3	63.7	59.7	63.4	65.8	62.7
Tri-County CC	41.0	51.3	42.3	46.3	49.8	63.4	61.8	58.0	63.6	56.5
Vance-Granv. CC	55.8	54.3	51.8	48.7	49.5	56.9	55.0	51.7	49.4	44.2
Wake TCC	64.2	61.8	59.4	59.2	57.3	75.6	71.3	67.8	67.0	66.9
Wayne CC	57.4	56.1	56.0	57.2	56.0	53.8	59.4	63.9	61.3	55.3
W. Piedmont CC	45.3	49.6	51.2	48.8	51.0	54.1	55.8	61.3	60.2	57.6
Wilkes CC	37.3	38.0	38.6	38.2	39.3	43.3	37.3	41.8	43.2	43.9
Wilson TCC	47.6	46.2	48.6	52.8	51.6	53.3	53.4	59.3	52.4	51.6
TOTAL	53.0	52.6	52.8	53.5	54.5	55.8	54.5	55.8	54.9	55.5

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 30. 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. 117-118.

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	15
Private Institutions	13
Community/Technical Colleges	19
By Level:	
Major Research Universities	14
Other Baccalaureate-Granting Institutions	14
Two-year Institutions	19
All North Carolina Institutions	16

Student Clock Hours of Instruction

Table 8

INSTITUTION	1998			1997			1996		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Research Universities I:									
NC State	277,762.0	44,982.5	37,930.0	275,338.0	44,424.5	31,109.5	272,245.5	59,175.0	23,081.5
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	222,457.5	21,392.0	9,512.5	218,612.0	21,172.0	9,271.5	215,163.0	20,876.0	10,229.5
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	500,219.5	66,374.5	47,442.5	493,950.0	65,596.5	40,381.0	487,408.5	80,051.0	33,311.0
Doctoral Universities I and II:									
East Carolina	174,196.5	40,432.5	5,092.0	173,293.5	38,288.5	7,562.5	172,312.0	39,160.0	11,129.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
UNC-Greensboro	116,098.5	18,619.5	10,916.5	121,449.0	19,033.0	11,417.0	121,947.0	17,752.5	12,028.5
SUBTOTAL	290,295.0	59,052.0	16,008.5	-	-	-	-	-	-
Master's (Comprehensive) Universities: and Colleges I:									
Appalachian	139,910.0	21,000.5	19,879.5	135,490.0	22,622.5	6,572.5	136,869.0	25,644.0	5,070.0
Fayetteville	39,412.5	8,182.0	3,077.0	39,219.0	8,109.5	3,422.0	40,406.5	10,514.0	1,955.5
NC A & T	81,997.0	23,740.5	3,915.0	82,588.0	24,352.0	1,445.0	85,473.5	22,887.0	109.5
NC Central	59,532.0	6,870.5	5,221.0	56,112.5	8,617.0	6,636.5	53,626.5	5,755.5	7,347.0
UNC-Charlotte	162,763.0	41,721.5	8,020.0	157,097.0	37,601.0	9,610.0	152,857.5	34,778.0	12,933.0
UNC-Pembroke	29,911.0	3,512.5	2,880.0	30,194.0	3,589.5	3,027.5	28,871.5	3,484.0	3,023.0
UNC-Wilmington	106,258.0	19,718.5	11,264.5	101,465.0	20,022.5	4,822.0	101,266.5	16,835.5	11,127.5
West'n Carolina	62,905.5	10,662.0	10,543.5	61,121.5	11,839.5	8,929.0	62,552.0	10,570.5	11,646.0
SUBTOTAL	682,689.0	135,408.0	64,800.5	836,580.5	175,042.0	52,027.0	834,235.0	169,628.5	64,341.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II:									
Elizabeth City	21,940.5	9,015.0	2,515.0	22,906.5	9,783.0	2,115.5	22,279.0	8,035.5	2,896.0
UNC-Asheville	32,424.5	6,370.0	5,353.0	32,418.0	6,049.0	3,499.5	32,448.0	5,787.0	2,507.0
Winston-Salem	26,994.0	2,868.5	5,071.0	28,931.5	5,983.5	4,245.0	28,837.5	4,616.0	4,384.0
SUBTOTAL	81,359.0	18,253.5	12,939.0	84,256.0	21,815.5	9,860.0	83,564.5	18,438.5	9,787.0
Schools of Art, Music, and Design:									
NC Sch. of Arts	10,328.0	13,500.5	8,054.5	8,756.0	13,144.5	10,020.5	8,213.5	8,637.0	3,394.0
Community Colleges:									
SUBTOTAL	1,219,145.0	598,495.0	116,839.0	1,111,852.5	556,920.0	118,325.0	1,194,780.0	581,902.0	137,362.0
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	167,499.0	9,953.0	15,577.0	155,256.5	10,027.0	19,484.5	154,326.0	10,541.0	20,397.5
Gen. Baccalaureate Colleges:									
SUBTOTAL	455,693.5	75,108.0	45,610.5	465,686.5	78,837.5	50,093.5	436,152.5	73,955.5	45,566.0
Junior Colleges:									
SUBTOTAL	5,876.5	878.0	1,237.5	7,028.5	840.5	475.5	8,936.5	1,659.5	340.0
GRAND TOTAL	3,413,104.5	977,022.5	328,509.0	3,284,815.5	941,256.5	312,084.0	3,329,563.5	962,565.5	326,527.0

Student Clock Hours of Instruction

Table 8

INSTITUTION	1998			1997			1996		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	24,456.5	16,280.0	1,129.0	23,976.5	15,614.0	1,573.0	21,466.5	14,372.0	1,799.5
Anson CC	6,433.0	6,687.0	755.0	4,128.5	4,331.0	1,913.0	4,265.5	4,678.0	1,205.0
Ashev'le-Bun. TCC	44,168.5	12,721.0	5,244.0	40,059.5	14,459.0	6,080.0	41,816.5	15,427.5	6,587.0
Beaufort Co. CC	9,885.5	8,848.5	558.0	8,236.5	7,257.0	530.0	7,986.0	8,319.5	514.0
Bladen CC	5,185.0	5,083.0	247.0	5,178.5	6,335.0	80.0	6,102.0	4,277.0	84.0
Blue Ridge CC	16,767.0	10,086.0	1,634.0	13,189.0	8,476.0	1,108.0	14,046.5	5,316.0	186.5
Brunswick CC	12,307.5	3,497.0	742.0	10,804.0	2,946.0	844.0	10,608.5	3,522.0	545.5
Caldwell CC & TI	17,399.5	10,192.0	899.0	13,653.0	6,014.0	1,725.5	13,739.0	6,597.0	1,062.0
Cape Fear CC	31,994.5	20,105.5	1,463.0	31,535.5	17,517.0	1,604.0	31,140.5	15,768.0	1,110.0
Carter CC	12,715.0	5,186.0	748.0	14,297.0	4,373.0	783.0	12,978.0	5,904.0	1,166.5
Catawba Vy. CC	28,417.5	17,170.5	5,688.5	27,437.0	17,827.5	6,696.0	25,877.5	18,212.0	5,911.5
C. Carolina CC	31,064.5	17,655.0	2,844.5	30,417.5	17,266.0	2,093.0	29,967.5	16,444.0	3,440.5
C. Piedmont CC	111,063.0	35,343.5	6,621.5	98,517.0	29,237.5	7,223.5	115,702.5	39,033.0	12,734.0
Cleveland CC	12,706.0	9,918.0	1,292.0	12,599.5	8,945.5	1,741.0	13,197.0	10,423.0	6,656.0
Coastal Car. CC	29,912.0	15,939.0	1,041.0	26,734.0	16,132.0	1,340.0	32,745.5	16,524.0	1,100.5
Col. Albemarle	14,475.5	6,569.0	7,155.5	15,770.0	6,125.0	7,737.0	15,179.0	7,204.5	9,191.5
Craven CC	14,991.0	8,934.0	4,800.0	15,380.0	9,036.0	4,586.0	17,349.0	9,804.5	4,652.0
Davidson Co. CC	19,199.5	10,286.0	1,321.5	18,223.5	11,043.5	1,185.0	21,968.0	7,266.0	3,762.5
Durham TCC	30,376.0	9,483.5	605.0	30,341.5	13,490.5	1,759.5	24,880.5	10,392.5	499.0
Edgecombe CC	13,722.5	7,853.0	0.0	13,883.0	9,323.5	75.0	15,422.5	9,535.0	0.0
Fayettev'le TCC	69,484.5	24,901.0	2,903.5	62,060.5	24,974.5	2,937.5	72,446.0	18,433.0	4,791.0
Fayth TCC	36,727.0	16,008.5	3,010.5	36,056.5	15,344.0	3,311.0	41,587.5	16,215.0	3,992.5
Gaston Col.	28,763.5	7,696.0	2,253.5	25,392.5	9,239.0	1,930.0	28,522.0	8,558.0	1,721.5
Guilford TCC	63,144.0	22,304.0	2,513.0	55,258.5	20,716.0	4,750.0	58,051.5	21,983.5	2,411.5
Halifax CC	15,550.0	4,578.0	508.0	14,837.0	5,562.0	604.0	16,186.0	7,130.5	622.5
Haywood CC	11,097.5	10,367.5	364.0	11,156.0	9,747.0	606.0	9,833.5	13,037.0	1,680.5
Isothermal CC	11,142.5	10,260.5	3,546.0	9,701.0	8,292.0	4,060.0	10,647.5	9,652.0	3,953.0
J. Sprunt CC	8,290.0	6,455.5	2,079.5	7,764.5	3,318.5	1,598.0	7,932.5	3,171.0	540.5
Johnston CC	20,600.0	7,708.5	2,310.0	17,772.5	8,310.5	1,574.0	17,759.5	8,232.5	1,694.0
Lenoir CC	24,797.0	7,482.5	3,255.0	20,734.5	7,420.0	2,643.0	23,880.0	9,644.0	3,011.0
Martin CC	3,628.0	6,108.0	450.0	4,842.5	7,263.0	756.5	6,250.0	6,787.5	3,280.0
Mayland CC	5,159.5	2,871.5	253.0	5,023.0	1,957.0	320.0	6,431.0	2,355.0	0.0
McDowell TCC	4,257.0	4,989.5	1,880.5	3,446.0	5,539.5	1,783.0	4,075.0	8,589.0	2,495.0
Mitchell CC	19,025.0	5,179.0	2,168.0	17,678.5	4,550.0	3,082.0	17,984.5	5,131.5	1,849.0
Montgomery CC	2,411.0	4,380.0	1,112.0	1,169.5	5,854.5	1,791.5	1,844.5	6,951.5	1,276.0
Nash CC	18,557.0	7,696.0	2,467.0	15,687.5	6,687.0	1,342.0	17,921.0	8,025.5	656.0
Pamlico CC	2,522.5	1,014.0	20.0	1,960.5	1,084.5	0.0	2,380.0	1,010.0	33.0
Piedmont CC	8,580.0	6,111.5	911.0	6,006.0	6,975.0	1,589.0	5,974.0	5,863.5	266.0
Pitt CC	33,584.0	13,696.5	2,471.0	29,077.0	14,070.0	2,642.0	32,798.5	13,792.0	4,499.5
Randolph CC	15,210.0	9,672.0	1,405.5	14,157.5	8,438.5	1,485.0	13,054.0	11,109.5	1,585.0
Richmond CC	15,258.5	6,012.0	486.0	12,412.0	5,710.0	342.0	12,421.0	5,156.0	297.0
Roanoke-Cho. CC	6,337.0	4,598.0	2,263.0	5,856.0	3,618.0	1,140.0	6,831.0	4,474.0	2,968.0
Robeson CC	14,029.0	11,196.5	870.0	13,906.5	9,390.0	728.0	14,822.5	10,411.0	2,352.0
Rockingham CC	16,790.5	8,765.0	1,946.0	17,419.5	9,190.0	661.0	19,863.5	9,402.0	409.0
Rowan-Cab. CC	29,251.5	10,991.0	371.0	27,158.0	10,978.0	1,603.5	29,266.0	9,837.0	882.0
Sampson CC	14,623.5	2,990.0	902.0	13,714.0	2,937.5	530.0	13,236.0	2,837.0	676.0
Sandhills CC	16,323.0	7,909.0	4,440.5	18,056.0	7,878.0	1,864.0	25,654.5	8,366.0	1,586.0
Southeastern CC	15,629.0	6,328.0	2,694.5	12,210.5	5,059.5	3,113.5	14,075.0	5,609.0	2,385.0
Southwestern CC	12,567.0	7,645.5	4,278.5	11,326.5	7,428.0	2,974.5	11,280.5	8,217.5	7,362.0
Stanly CC	15,446.5	9,972.0	392.0	10,620.0	7,422.0	635.0	9,750.0	6,941.5	1,365.0
Surry CC	20,563.0	17,759.0	3,425.0	20,342.0	16,552.5	3,323.0	22,495.0	18,548.5	2,993.0
Tri-County CC	10,015.5	4,959.5	481.0	9,752.5	4,247.5	368.0	7,569.5	3,352.0	357.0
Vance-Granv. CC	21,204.0	16,465.0	1,633.5	17,688.5	11,390.5	1,214.5	17,660.5	13,820.0	909.0
Wake TCC	56,732.5	28,819.5	4,283.5	50,403.5	23,364.0	3,442.0	49,768.5	22,501.0	2,818.0
Wayne CC	23,316.0	15,346.5	2,013.0	18,620.5	11,459.0	1,844.0	22,931.5	13,271.0	1,286.0
W. Piedmont CC	13,431.5	4,914.0	2,670.0	11,420.5	4,396.0	2,176.0	14,597.0	7,865.0	1,831.0
Wilkes CC	18,296.0	9,348.5	2,828.0	17,227.0	8,222.5	2,667.0	20,257.5	8,774.5	2,842.0
Wilson TCC	9,561.5	7,158.5	192.0	9,576.5	6,585.5	218.0	10,304.0	7,828.0	1,479.0
TOTAL	1,219,145.0	598,495.0	116,839.0	1,111,852.5	556,920.0	118,325.0	1,194,780.0	581,902.0	137,362.0

TABLE 9: SPACE FACTORS

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

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

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

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

An alternative formula is:

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

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

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

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

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

$$\text{Classroom Space Factor} = \frac{18}{21.3 \times .577} = 1.46$$

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., Architecture, less intensive Fine Arts, 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., Agriculture, Biological Sciences, 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, Communications, 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.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
Research Universities I:															
NC State	0.71	0.73	0.72	0.73	0.72	2.51	2.95	4.61	4.44	4.09	0.96	1.04	1.42	1.40	1.33
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.89	0.88	0.99	1.00	0.93	3.56	3.13	4.18	4.07	4.04	1.12	1.07	1.27	1.28	1.20
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.79	0.79	0.84	0.85	0.82	2.85	3.01	4.50	4.34	4.08	1.03	1.05	1.35	1.35	1.28
Doctoral Universities I and II:															
East Carolina	0.93	0.93	0.97	0.97	0.91	3.10	3.08	3.02	3.08	3.69	1.34	1.32	1.35	1.35	1.38
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Greensboro	1.01	0.95	0.95	0.93	1.01	3.64	3.50	3.92	3.93	4.17	1.38	1.29	1.33	1.29	1.39
SUBTOTAL	0.96	-	-	-	-	3.27	-	-	-	-	1.35	-	-	-	-
Master's (Comprehensive) Universities and Colleges I:															
Appalachian	1.15	1.13	1.10	1.12	1.15	5.13	4.07	3.54	3.63	4.00	1.67	1.55	1.49	1.51	1.56
Fayetteville	1.35	1.37	1.61	1.72	1.48	4.47	4.33	3.49	3.95	4.09	1.89	1.87	1.99	2.16	1.95
NC A & T	1.17	1.30	1.25	1.18	1.11	3.16	3.11	3.28	3.58	3.39	1.61	1.71	1.68	1.62	1.54
NC Central	1.46	1.55	1.82	1.71	1.64	5.75	4.58	8.41	8.07	8.67	1.91	1.96	2.46	2.31	2.23
UNC-Charlotte	0.62	0.67	0.71	0.61	0.60	2.28	2.22	2.24	2.07	2.07	0.96	0.97	1.00	0.91	0.91
UNC-Pembroke	1.61	1.60	1.64	1.68	1.57	6.47	6.41	6.52	7.15	7.86	2.12	2.11	2.17	2.24	2.18
UNC-Wilmington	0.69	0.74	0.75	0.74	0.69	2.55	2.62	3.84	2.18	2.15	0.98	1.05	1.19	0.96	0.92
West'n Carolina	1.39	1.46	1.41	1.41	1.37	5.64	4.55	5.11	4.31	4.84	2.00	1.96	1.95	1.76	1.87
SUBTOTAL	1.04	1.05	1.09	1.07	1.03	3.60	3.27	3.47	3.27	3.51	1.46	1.44	1.49	1.44	1.44
Baccalaureate (Liberal Arts) Universities and Colleges I and II:															
Elizabeth City	1.85	1.77	1.87	1.69	1.65	4.57	4.21	5.03	4.12	4.93	2.64	2.50	2.71	2.38	2.45
UNC-Asheville	1.18	1.25	1.29	1.22	1.25	4.78	5.05	5.04	5.13	4.95	1.77	1.85	1.86	1.79	1.76
Winston-Salem	1.77	1.65	1.95	1.92	1.89	8.02	3.84	4.55	5.61	4.93	2.37	2.03	2.31	2.35	2.27
SUBTOTAL	1.55	1.53	1.67	1.59	1.57	5.19	4.34	4.91	4.71	4.93	2.22	2.11	2.26	2.15	2.14
Schools of Art, Music, and Design:															
NC Sch. of Arts	1.84	2.04	2.16	2.06	2.08	4.41	4.53	8.53	8.37	7.75	3.30	3.54	5.43	5.25	5.07
Community Colleges:															
SUBTOTAL	1.92	1.87	1.64	1.56	1.51	4.84	4.97	4.56	4.67	4.68	2.88	2.90	2.60	2.57	2.53
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.64	1.71	1.67	1.53	1.56	9.48	9.51	9.26	14.95	7.77	2.08	2.19	2.16	2.02	2.01
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.88	1.79	1.89	1.88	1.78	7.40	6.72	7.18	7.63	7.45	2.66	2.50	2.65	2.67	2.52
Junior Colleges:															
SUBTOTAL	3.02	2.53	3.79	2.41	2.35	10.45	10.92	10.38	10.62	8.16	3.99	3.42	4.83	3.46	3.38
GRAND TOTAL	1.47	1.44	1.40	1.35	1.31	4.69	4.67	4.66	4.71	4.70	2.19	2.16	2.13	2.09	2.05

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
	Community Colleges:														
Alamance CC	1.58	1.59	1.98	1.18	1.27	3.45	3.59	3.75	3.06	3.02	2.33	2.38	2.69	1.92	2.00
Anson CC	2.03	1.45	1.40	1.40	1.30	2.85	2.94	2.72	3.38	3.66	2.45	2.21	2.09	2.41	2.41
Ashev'le-Bun. TCC	1.52	1.66	1.60	1.74	1.76	7.38	6.42	5.86	6.28	6.06	2.83	2.92	2.75	2.97	2.98
Beaufort Co. CC	2.39	2.91	2.62	1.80	2.09	4.49	5.47	4.84	3.67	4.49	3.38	4.11	3.75	2.78	3.37
Bladen CC	2.95	2.52	1.86	2.07	1.86	5.59	4.63	5.71	5.25	5.34	4.26	3.68	3.45	3.71	3.64
Blue Ridge CC	2.70	3.18	2.47	2.45	2.54	7.32	8.71	12.97	13.31	12.78	4.43	5.35	5.36	5.35	5.58
Brunswick CC	2.39	1.60	1.56	1.47	1.52	8.46	6.50	5.39	4.33	5.67	3.73	2.65	2.51	2.18	2.47
Caldwell CC & TI	2.62	2.85	2.15	1.84	1.69	6.81	10.13	7.98	6.85	6.50	4.17	5.07	4.04	3.46	3.38
Cape Fear CC	1.63	1.08	1.10	1.46	0.90	3.64	3.11	3.23	3.16	3.40	2.40	1.80	1.82	2.07	1.74
Carteret CC	1.59	1.39	1.35	1.35	1.27	5.97	6.90	4.23	3.82	4.14	2.86	2.68	2.25	2.20	2.13
Catawba Vy. CC	1.71	1.65	1.55	1.62	1.46	4.87	4.14	4.29	4.16	4.16	2.90	2.63	2.68	2.73	2.53
C. Carolina CC	1.56	1.55	1.45	1.24	1.37	3.73	3.80	3.71	4.03	4.34	2.35	2.37	2.25	2.15	2.39
C. Piedmont CC	1.54	1.43	1.19	1.16	1.08	4.81	5.39	4.06	4.17	3.55	2.33	2.34	1.91	1.95	1.74
Cleveland CC	1.63	1.61	1.55	1.78	1.71	3.93	4.38	3.74	4.92	5.29	2.64	2.76	2.52	3.17	3.23
Coastal Car. CC	1.51	1.72	1.42	1.11	1.08	3.79	3.66	3.46	3.48	3.21	2.30	2.45	2.10	1.87	1.81
Col. Albemarle	1.67	1.52	1.36	1.44	1.39	4.39	4.84	3.95	4.69	5.07	2.52	2.45	2.20	2.40	2.53
Craven CC	1.96	1.91	1.69	1.81	1.70	3.03	2.99	2.77	2.33	2.52	2.36	2.31	2.08	2.03	2.02
Davidson Co. CC	2.61	2.74	1.90	1.96	1.95	5.83	5.43	5.44	4.31	5.04	3.73	3.76	2.78	2.67	2.82
Durham TCC	1.81	1.39	1.85	1.42	1.48	6.71	4.47	5.39	5.33	5.48	2.98	2.34	2.89	2.38	2.48
Edgecombe CC	2.04	2.02	1.89	1.88	1.82	4.54	3.83	3.75	4.63	5.05	2.95	2.74	2.60	2.95	3.04
Fayettev'le TCC	1.58	1.56	1.34	1.46	1.30	4.34	3.90	4.33	4.18	4.42	2.31	2.23	1.95	2.06	1.87
Forsyth TCC	2.60	1.90	1.72	1.84	1.90	6.80	6.96	6.33	6.54	6.70	3.87	3.41	3.01	3.19	3.25
Gaston Col.	2.06	2.08	1.72	1.68	1.33	7.44	6.13	6.38	6.15	5.69	3.19	3.16	2.79	2.72	2.43
Guilford TCC	2.29	2.31	2.26	1.60	1.45	6.40	6.39	6.29	5.78	5.78	3.36	3.42	3.37	2.77	2.61
Halifax CC	1.74	1.88	1.70	1.56	1.32	6.63	5.50	4.29	4.02	3.23	2.85	2.86	2.49	2.34	2.06
Haywood CC	2.13	2.04	1.68	1.79	1.86	5.96	6.15	4.77	4.77	4.76	3.98	3.96	3.44	3.49	3.52
Isothermal CC	2.31	2.53	2.31	2.37	2.30	4.38	5.41	4.65	5.08	4.93	3.30	3.86	3.42	3.62	3.49
J. Sprunt CC	2.84	2.48	2.36	2.15	2.61	3.46	6.02	6.41	7.28	4.17	3.11	3.54	3.52	3.39	3.25
Johnston CC	1.72	1.44	1.46	1.29	1.19	6.07	5.01	5.19	5.17	5.13	2.90	2.58	2.64	2.55	2.42
Lenoir CC	2.52	2.55	1.80	2.21	2.06	5.64	5.52	3.63	4.80	5.33	3.24	3.33	2.32	3.00	2.93
Martin CC	4.46	3.08	2.17	1.91	2.26	6.90	5.35	5.72	6.89	8.08	5.99	4.44	4.02	4.51	5.27
Mayland CC	4.29	3.89	2.17	2.64	2.50	4.46	6.15	5.30	5.13	4.80	4.35	4.53	3.01	3.41	3.20
McDowell TCC	2.84	3.50	2.16	2.15	2.54	5.63	5.07	3.30	4.77	4.40	4.34	4.47	2.93	3.64	3.72
Mitchell CC	2.18	2.26	2.11	1.95	1.92	6.71	7.63	7.17	7.44	8.02	3.15	3.36	3.23	3.11	3.28
Montgomery CC	5.16	4.42	3.32	2.65	3.84	6.06	4.33	3.51	3.63	3.46	5.74	4.34	3.47	3.39	3.54
Nash CC	1.38	1.64	1.43	1.46	1.67	4.05	4.45	3.62	3.76	5.60	2.16	2.48	2.11	2.08	2.78
Pamlico CC	2.01	2.75	2.21	1.79	1.63	7.74	7.23	7.77	7.62	10.29	3.65	4.35	3.87	3.29	3.87
Piedmont CC	2.30	2.67	2.16	2.19	2.51	4.96	4.35	5.02	5.66	5.94	3.41	3.57	3.57	3.81	4.08
Pitt CC	1.17	1.41	1.01	1.14	1.16	3.86	3.73	3.75	5.41	5.41	1.95	2.17	1.82	2.19	2.21
Randolph CC	2.52	2.65	2.22	2.29	2.23	6.49	7.25	5.56	6.51	5.14	4.06	4.37	3.76	4.08	3.51
Richmond CC	1.43	1.55	1.55	1.36	1.40	4.69	5.01	5.55	5.53	5.53	2.35	2.64	2.72	2.47	2.52
Roanoke-Cho. CC	1.78	1.92	1.65	1.84	1.54	4.21	5.35	4.33	4.56	3.87	2.80	3.23	2.71	2.88	2.42
Robeson CC	1.83	1.84	1.59	1.24	1.59	3.44	4.11	3.70	4.04	3.95	2.54	2.75	2.46	2.20	2.56
Rockingham CC	2.22	2.23	1.97	1.62	1.57	6.56	6.19	5.93	4.72	5.25	3.71	3.60	3.24	2.70	2.75
Rowan-Cab. CC	1.67	1.81	1.53	1.48	1.56	6.01	6.13	4.79	4.98	5.81	2.86	3.05	2.35	2.31	2.50
Sampson CC	2.06	1.37	1.40	1.36	1.27	5.67	5.59	6.87	6.69	5.68	2.67	2.11	2.36	2.29	2.07
Sandhills CC	3.43	1.97	1.43	1.66	1.56	5.71	5.52	5.26	6.01	4.60	4.17	3.05	2.37	2.74	2.44
Southeastern CC	2.38	2.34	2.03	1.73	1.69	5.17	6.03	5.37	4.83	5.05	3.18	3.42	2.98	2.57	2.54
Southwestern CC	2.92	2.36	2.00	1.98	2.00	4.90	5.46	4.33	5.14	4.28	3.67	3.59	2.99	3.18	2.96
Stanly CC	1.55	1.87	1.63	1.46	1.17	3.23	4.61	4.85	4.19	4.30	2.21	2.99	2.97	2.62	2.24
Surry CC	1.75	1.68	1.46	0.97	1.14	2.91	2.87	2.57	2.78	2.70	2.29	2.21	1.96	1.65	1.82
Tri-County CC	2.81	2.26	2.91	2.42	2.21	4.63	5.04	6.45	7.21	8.28	3.41	3.10	4.00	3.94	3.83
Vance-Granv. CC	1.61	1.91	1.83	1.83	1.45	3.26	3.95	3.25	3.29	3.51	2.33	2.71	2.45	2.53	2.34
Wake TCC	1.19	1.36	1.31	1.31	1.31	2.39	2.89	2.80	2.95	2.95	1.60	1.84	1.77	1.80	1.80
Wayne CC	1.63	2.05	1.66	1.40	1.35	3.87	5.18	4.42	4.22	4.72	2.52	3.24	2.67	2.38	2.40
W. Piedmont CC	2.85	3.35	1.77	1.67	1.62	7.32	8.19	3.82	3.50	3.98	4.05	4.70	2.49	2.32	2.38
Wilkes CC	2.06	2.08	1.77	1.64	1.88	4.93	5.66	5.30	5.33	5.33	3.03	3.23	2.83	2.86	3.13
Wilson TCC	2.56	2.44	1.89	1.90	2.02	5.72	6.23	5.22	5.97	5.45	3.91	3.98	3.33	3.53	3.57
TOTAL	1.92	1.87	1.64	1.56	1.51	4.84	4.97	4.56	4.67	4.68	2.88	2.90	2.60	2.57	2.53

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
<u>Research</u> <u>Univ. I:</u>	32.6	30.4	28.1	61.0	60.6	60.3	0.89	0.79	0.71
<u>Doctoral</u> <u>Univ. I and II:</u>	31.7	28.0	25.8	64.1	60.1	55.0	1.01	0.96	0.93
<u>Master's (Comp.)</u> <u>Univ/Coll I:</u>	37.6	25.7	18.4	63.3	58.6	50.1	1.61	1.04	0.62
<u>Bacc. (Lib. Arts)</u> <u>Univ/Coll I/II:</u>	30.8	21.8	17.9	54.1	46.5	42.4	1.85	1.55	1.18
<u>Sch. of Art/Music,</u> <u>and Design: *</u>	17.2	17.2	17.2	67.9	67.9	67.9	1.84	1.84	1.84
<u>Community</u> <u>Colleges:</u>	29.8	20.0	10.7	64.2	53.0	26.3	5.16	1.92	1.17
PRIVATE INSTITUTIONS									
<u>Major Research</u> <u>Universities:</u>	17.0	15.8	15.1	61.0	57.2	52.4	1.68	1.64	1.58
<u>Gen. Baccalaureate</u> <u>Colleges:</u>	35.1	18.2	10.1	61.0	45.2	28.0	3.76	1.88	0.96
<u>Junior</u> <u>Colleges: *</u>	13.5	13.5	13.5	45.7	45.7	45.7	3.02	3.02	3.02
STATE RANGE	37.6	21.3	10.1	67.9	54.4	26.3	5.16	1.47	0.62
TYPICAL STANDARD		35.0			65.0			0.79	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
<u>Research Universities I:</u>	16.7	16.5	16.2	83.7	75.8	63.3	3.56	2.85	2.51
<u>Doctoral Univ. I and II:</u>	17.5	17.2	16.6	63.8	62.1	58.7	3.64	3.27	3.10
<u>Master's (Comp) Univ/Coll I:</u>	21.3	14.5	8.9	69.3	62.4	47.4	6.47	3.60	2.28
<u>Bacc. (Lib. Arts) Univ/Coll I/II:</u>	12.0	10.1	6.5	61.0	51.4	40.5	8.02	5.19	4.57
<u>Sch. of Art/Music, and Design: *</u>	16.9	16.9	16.9	62.3	62.3	62.3	4.41	4.41	4.41
<u>Community Colleges:</u>	28.8	17.6	11.1	75.6	55.8	32.7	8.46	4.84	2.39
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>	4.8	4.5	4.0	56.7	56.5	55.9	15.41	9.48	7.41
<u>Gen. Baccalaureate Colleges:</u>	21.5	7.9	3.1	71.1	52.0	16.7	29.16	7.40	2.32
<u>Junior Colleges: *</u>	9.0	9.0	9.0	39.9	39.9	39.9	10.45	10.45	10.45
STATE RANGE	28.8	15.1	3.1	83.7	57.7	16.7	29.16	4.69	2.28
TYPICAL STANDARD		20.0			75.0			2.20 - 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 <i>(See Table 16)</i>	18 ASF
Average Weekly Room Hours <i>(Also Room Utilization Rate - see Table 3)</i>	35 hours/week
Station Occupancy Ratio <i>(Also Percent Student Station Utilization - see Table 7)</i>	65%
Space Factor <i>(see Table 9)</i>	0.79

Space Standards

Table 11

CLASS (TEACHING) LABORATORY (210) STANDARDS

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

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

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS

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

Space Standards

Table 11

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

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

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

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

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

Space Standards

Table 11

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

Central Libraries only (Program Code 41)

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

TABLE 12:

ENROLLMENTS

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

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

FTE Enrollment

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

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

For the community colleges, Table 12, for 1993-1996, 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 1997, 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 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 1992, 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 1991 through 2003, using enrollment data and demographic studies from the years 1978 to 1991.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 1978 and 1983, higher education enrollment increased from 11.3 million to 12.5 million, a growth of 11 percent. In 1984 and 1985, enrollment dropped to 12.2 million. It then increased from 12.5 million in 1986 to an estimated 14.2 million in 1991, an increase of 13 percent over the period. This enrollment is expected to increase to 16.1 million by the year 2003, an increase of 14 percent from 1991.

Enrollments by Sex of Student

Women are expected to be the majority of college students over the projection period. Enrollment of women increased from 5.6 million in 1978 to 7.8 million in 1991 (38 percent). This number is projected to increase to 8.7 million by the year 2003, or an additional 13 percent. Enrollment of men fluctuated between 5.6 million and 6.2 million between 1978 and 1990, and was estimated at 6.4 million in 1991. This number is expected to increase to 7.4 million by 2003, a growth of 15 percent over the period. The projection for 2003 is therefore a 54 to 46 percent majority of women.

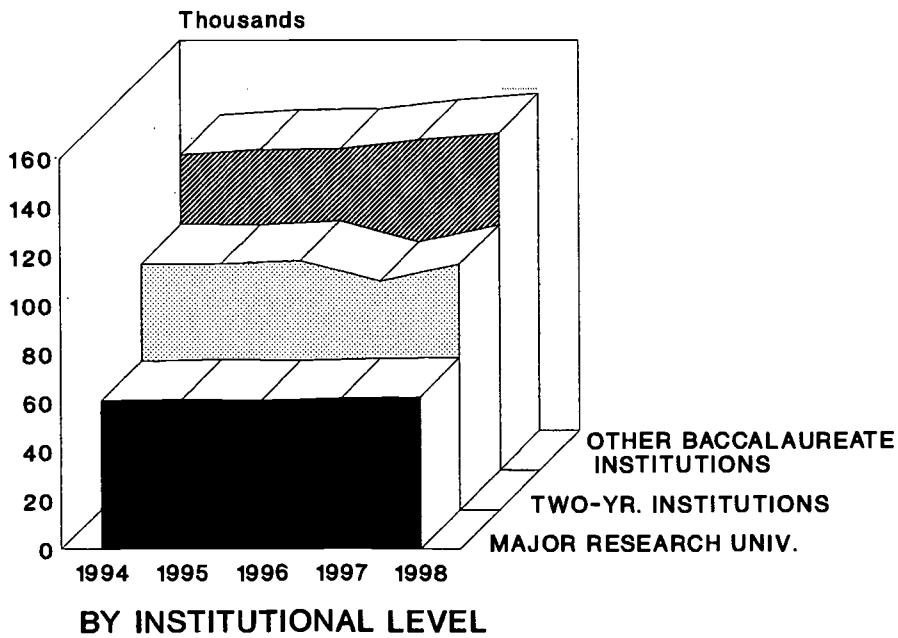
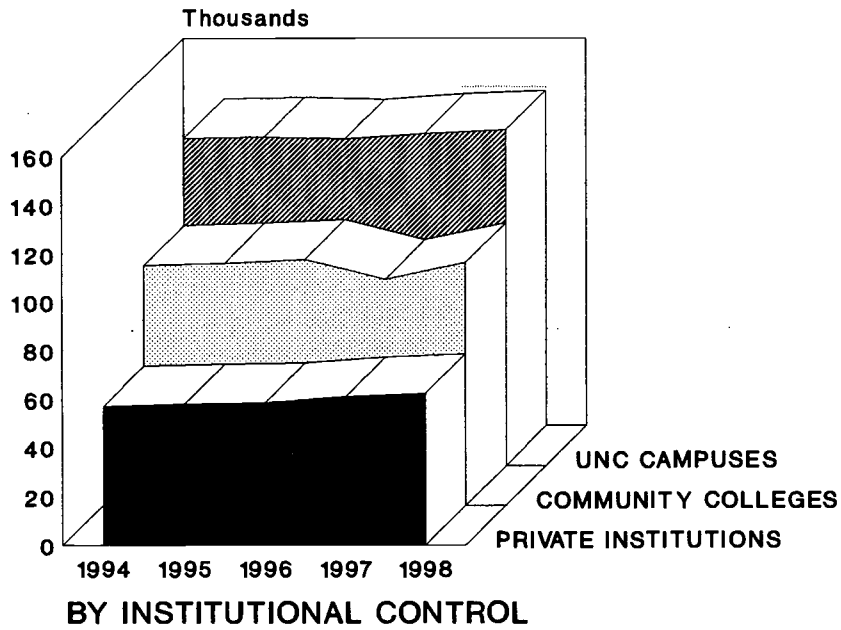
Enrollments in Public and Private Institutions

From 1978 to 1991, public institution enrollment increased 26 percent, from 8.8 million to 11.0 million. This figure is expected to increase by another 14 percent to 12.6 million by the year 2003. Enrollment in private institutions grew from 2.5 million in 1978 to 3.1 million in 1991, an increase of 26 percent. Private enrollment is projected to reach a high of 3.6 million by 2003, which is an additional 14 percent growth.

North Carolina institutions experienced a headcount enrollment increase (1.7%) in 1998 following a year of slight decline. Public institutions showed a 1.8 percent increase while private enrollments increased by 1.6 percent. Enrollments for men increased by 1.5% and women by 1.9%. North Carolina's 1998 part-time enrollment decreased by 2.0% while the state's full-time enrollment increased by 2.9%.

*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2003*; U.S. Department of Education, National Center for Education Statistics, 1992.

FTE ENROLLMENTS



FTE Enrollments Summary

Table 12

INSTITUTION	1998	1997	1996	1995	1994
<hr/>					
<u>Research Universities I:</u>	44,993	44,677	44,066	44,515	44,448
<u>Doctoral Univ. I and II:</u>	27,515	10,631	10,631	10,904	10,279
<u>Master's (Comp.) Univ./Coll. I:</u>	58,188	73,815	72,472	72,445	72,424
<u>Baccal. (Lib. Arts) Univ./Coll. I and II:</u>	7,029	7,053	6,894	6,988	7,096
<u>Schools of Art, Music, and Design:</u>	755	755	723	665	632
<u>Community Colleges:</u>	100,072	93,202	101,565	100,021	99,102
PRIVATE INSTITUTIONS					
<u>Major Research Universities:</u>	17,327	17,291	17,138	16,920	16,558
<u>Gen. Baccalaureate Colleges:</u>	44,611	43,260	41,018	40,547	38,990
<u>Junior Colleges:</u>	442	448	471	514	484
GRAND TOTAL	300,932	291,132	294,978	293,519	291,056

FTE Enrollments Institutional

Table 12

INSTITUTION	1998	1997	1996	1995	1994
<u>Research Univ. I:</u>					
NC State	23,010	22,928	22,348	22,461	22,440
NC State Vet.	301	298	293	284	283
UNC-Chapel Hill	18,290	18,078	18,016	18,365	18,336
UNC-Health Aff.	3,392	3,373	3,409	3,405	3,389
SUBTOTAL	44,993	44,677	44,066	44,515	44,448
<u>Doctoral Univ. I and II:</u>					
East Carolina	15,170	15,116	14,443	14,414	14,878
ECU-Health Aff.	1,317	1,307	1,566	1,586	1,224
UNC-Greensboro	11,028	10,631	10,631	10,904	10,279
SUBTOTAL	27,515	-	-	-	-
<u>Master's (Comp.) Univ./Coll. I:</u>					
Appalachian	11,865	11,610	11,371	11,428	11,274
Fayetteville	3,455	3,414	3,435	3,428	3,498
NC A & T	6,777	6,870	6,928	7,227	7,365
NC Central	4,882	4,932	4,694	4,729	4,963
UNC-Charlotte	14,018	13,585	13,176	13,315	12,967
UNC-Pembroke	2,574	2,592	2,585	2,562	2,592
UNC-Wilmington	8,859	8,382	8,265	7,757	7,607
West'n Carolina	5,758	6,007	6,009	5,999	6,056
SUBTOTAL	58,188	73,815	72,472	72,445	72,424
<u>Baccal. (Lib. Arts) Univ./Coll. I and II:</u>					
Elizabeth City	1,820	1,829	1,826	1,890	2,010
UNC-Asheville	2,720	2,668	2,609	2,653	2,600
Winston-Salem	2,489	2,556	2,459	2,445	2,486
SUBTOTAL	7,029	7,053	6,894	6,988	7,096
<u>Schools of Art, Music, and Design:</u>					
NC Sch. of Arts*	755 (1007)	755	723	665	632

*figure in parentheses includes secondary (H.S.) enrollments

FTE Enrollments Institutional

Table 12

INSTITUTION	1998*	1997	1996	1995	1994
<u>Community Colleges:</u>					
Alamance CC	2,044 (2,204)	1,910	2,156	2,229	2,212
Anson CC	864 (1,174)	478	525	562	554
Ashev'le-Bun. TCC	2,898 (3,202)	2,622	2,689	2,577	2,774
Beaufort Co. CC	1,146 (1,204)	1,010	1,029	1,072	1,029
Bladen CC	588 (736)	592	612	559	592
Blue Ridge CC	1,270 (1,286)	1,008	1,135	1,146	1,225
Brunswick CC	566 (666)	538	634	721	718
Caldwell CC & TI	1,746 (2,328)	1,842	1,840	1,454	1,306
Cape Fear CC	3,086 (3,512)	2,914	2,763	2,694	2,616
Carteret CC	972 (1,094)	968	990	1,107	1,120
Catawba Vy. CC	2,314 (2,664)	2,162	2,166	2,210	2,164
C. Carolina CC	1,622 (2,888)	1,592	2,208	1,770	1,665
C. Piedmont CC	6,966 (8,520)	6,810	7,943	8,620	8,960
Cleveland CC	1,228 (1,452)	1,118	1,202	983	958
Coastal Car. CC	2,534 (2,774)	2,354	2,560	2,726	2,725
Col. Albemarle	1,114 (1,548)	1,194	1,665	1,495	1,515
Craven CC	1,468 (1,658)	1,478	1,494	1,918	1,488
Davidson Co. CC	1,856 (1,876)	1,812	1,811	1,799	1,718
Durham TCC	2,890 (2,950)	2,616	2,634	2,821	2,847
Edgecombe CC	1,134 (1,334)	1,204	1,385	1,204	1,205
Fayettev'le TCC	4,514 (5,578)	4,296	4,997	4,861	4,812
Forsyth TCC	3,084 (3,418)	2,960	3,288	3,151	3,100
Gaston Col.	2,584 (2,772)	2,298	2,884	2,663	2,999
Guilford TCC	4,994 (5,186)	4,670	5,076	4,957	5,051
Halifax CC	1,158 (1,192)	976	1,054	1,124	1,058
Haywood CC	1,406 (1,410)	1,240	1,234	1,187	1,200
Isothermal CC	1,352 (1,398)	1,142	1,208	1,274	1,203
J. Sprunt CC	812 (1,010)	720	738	757	822
Johnston CC	1,664 (2,284)	1,444	1,595	1,689	1,816
Lenoir CC	1,556 (1,790)	1,408	1,699	1,712	1,655

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments Institutional

Table 12

INSTITUTION	1998*	1997	1996	1995	1994
<u>Community Colleges:</u>					
Martin CC	540 (556)	554	644	616	628
Mayland CC	538 (548)	464	582	470	580
McDowell TCC	736 (826)	748	849	719	626
Mitchell CC	1,160 (1,262)	1,040	1,237	1,223	1,186
Montgomery CC	484 (510)	522	572	527	517
Nash CC	1,256 (1,454)	1,120	1,180	1,112	1,090
Pamlico CC	150 (172)	118	143	174	166
Piedmont CC	808 (1,226)	730	796	576	547
Pitt CC	3,044 (3,524)	2,726	2,811	2,769	2,765
Randolph CC	1,128 (1,212)	1,022	1,247	1,151	1,262
Richmond CC	1,020 (1,120)	836	887	914	960
Roanoke-Cho. CC	692 (702)	626	703	681	732
Robeson CC	1,246 (1,462)	1,254	1,344	1,294	1,235
Rockingham CC	1,380 (1,444)	1,386	1,489	1,539	1,597
Rowan-Cab. CC	2,440 (2,662)	2,216	2,450	2,416	1,423
Sampson CC	930 (980)	772	819	767	834
Sandhills CC	2,264 (2,362)	2,036	2,268	2,267	2,335
Southeastern CC	1,418 (1,580)	1,298	1,376	1,342	1,408
Southwestern CC	1,198 (1,352)	1,092	1,231	1,022	1,079
Stanly CC	988 (1,084)	950	1,073	1,026	933
Surry CC	2,174 (2,248)	2,076	2,141	2,039	1,911
Tri-County CC	570 (688)	614	569	541	590
Vance-Granv. CC	1,552 (2,472)	1,396	1,438	1,379	1,475
Wake TCC	5,022 (5,664)	4,452	4,250	4,330	4,218
Wayne CC	2,040 (2,366)	1,966	1,981	1,974	1,991
W. Piedmont CC	1,512 (1,660)	1,522	1,650	1,727	1,660
Wilkes CC	1,408 (1,544)	1,456	1,614	1,348	1,278
Wilson TCC	944 (1,102)	834	1,007	1,036	969
TOTAL	100,072 (114,890)	93,202	101,565	100,021	99,102

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

**FTE Enrollments
Institutional**

Table 12

INSTITUTION	1998	1997	1996	1995	1994
PRIVATE INSTITUTIONS					
<u>Major Research Universities:</u>					
Duke	10,575	10,698	10,666	10,573	10,305
Duke Med. Ctr.	791	682	714	706	748
Wake Forest	5,514	5,459	5,309	5,204	5,059
Bowman Gray	447	452	449	437	446
SUBTOTAL	17,327	17,291	17,138	16,920	16,558
<u>Gen. Baccalaureate Colleges:</u>					
Barber Scotia	480	486	437	430	425
Barton	1,100	1,132	1,116	1,205	1,224
Belmont Abbey	846	816	792	712	786
Bennett	595	609	547	611	646
Brevard	647	678	624	630	638
Campbell	3,128	3,158	3,055	2,912	2,888
Catawba	1,222	1,269	1,133	1,069	1,002
Chowan	678	745	736	762	794
Davidson	1,639	1,623	1,613	1,615	1,608
Elon	3,721	3,534	3,424	3,287	3,269
Gardner-Webb	2,505	2,474	2,284	2,097	1,927
Greensboro	904	956	890	879	859
Guilford	1,306	1,299	1,300	1,369	1,457
High Point	2,826	2,534	2,394	2,337	2,261
Johnson C. Smith	1,414	1,308	1,385	1,356	1,351
Lees-McRae	575	426	439	467	497
Lenoir-Rhyne	1,442	1,471	1,437	1,436	1,286
Livingstone	929	888	706	731	816

**FTE Enrollments
Institutional**

Table 12

INSTITUTION	1998	1997	1996	1995	1994
<u>Gen. Baccalaureate</u> (Continued)					
Mars Hill	1,169	1,137	1,188	1,162	1,188
Meredith	2,218	2,163	2,137	2,101	2,021
Methodist	1,693	1,544	1,579	1,685	1,713
Montreat**	1,040	897	361	353	306
Mt. Olive	942	949	801	700	602
N. C. Wesleyan	855	769	714	672	716
Peace	552	490	447	409	405
Pfeiffer	1,371	1,428	1,213	970	850
Piedmont Bible	257	252	223	237	261
Queens	1,267	1,237	1,168	1,174	1,122
St. Andrews Presby.	536	467	545	587	599
St. Augustine's	1,540	1,589	1,530	1,481	1,562
Salem	855	825	745	759	721
Shaw	2,418	2,228	2,191	2,418	2,350
Warren Wilson	784	726	682	672	609
Wingate	1,157	1,153	1,182	1,262	1,274
SUBTOTAL	44,611	43,260	41,018	40,547	40,033
<u>Junior Colleges:</u>					
Louisburg	442	448	471	514	484
SUBTOTAL	442	448	471	514	484
TOTAL	62,380	60,999	58,267	57,981	57,075

**Montreat's increase in FTE as of fall 1997 reflects instructional activity in inventoried space which is leased in Asheville and Charlotte.



New Science Building, Appalachian State University

Currently termed the "CAP" building for its academic occupants (Chemistry and Astronomy/Physics), Appalachian State University's new 115,000-square-foot, \$16.4 million science building, completed and occupied in the summer of 1998, was constructed with funds generated from the 1993 bond referendum. As a core campus instructional and research facility, the four-story building houses modern classrooms, faculty and staff offices, and research laboratories.

The two departments were housed originally in Rankin Science Building, constructed in 1970. The institution's science programs have experienced rapid growth since then (600 percent in credit hour productivity and 100 percent in science faculty), thus creating a critical need for additional and more modern space. Rankin will be renovated and expanded to better accommodate the departments of Geology, Biology, and Geography and Planning.

Interior Space Characteristics

Net-to-Gross Ratio	81
Summary Programs	86
Instruction, Research and Public Service Subprograms	93
Academic Support Subprograms	102
Student Service and Physical Plant Operations	
Subprograms	108
Institutional Administration, Independent Operations &	
Unassigned Subprograms	112
Assignable Area by Room Code	116
ASF Per Student Station for Classrooms	124
ASF Per Student Station for Class Laboratories	130

TABLE 13:

NET-TO-GROSS RATIO

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

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

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (their gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), N.C. State University (954,004 sq. ft.), UNC at Chapel Hill-Health Affairs (1,033,155 sq. ft.), UNC at Chapel Hill-Academic Affairs (186,450 sq. ft.), UNC at Charlotte (782,950), UNC at Greensboro (516,974). There are nine parking decks at the private major research university medical centers, representing a total gross area of 3,498,099 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. UNC-Asheville's dining hall also houses 38,654 gross square feet of parking deck space. 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: Central Piedmont Community College (66.4%), N.C. State University (68.0%), UNC at Chapel Hill-Health Affairs (57.3%), UNC at Chapel Hill Academic Affairs (64.6%), UNC at Charlotte (64.9%), UNC at Greensboro (63.3%), private major research universities (61.6%), Appalachian State University (64.7%), UNC at Asheville (67.1%).

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 \$107 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .62. This means that new construction costs are approximately \$173 per assignable square foot.

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

$$\text{CONSTRUCTION COST/ASF} = \frac{\$107}{.62} = \$173$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$173 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1998	1997	1996	1995	1994
<u>Research Universities I:</u>							
NC State*	10,510,757	6,500,852	61.8	60.6	62.6	62.7	59.2
NC State Vet.	410,078	272,103	66.4	65.3	64.6	64.6	60.2
UNC-Chapel Hill*	8,140,939	5,141,411	63.2	63.6	64.2	65.7	65.8
UNC-Health Aff.*	3,962,228	1,676,948	42.3	42.1	42.2	41.9	41.6
SUBTOTAL	23,024,002	13,591,314	59.0	58.6	59.6	60.2	58.6
<u>Doctoral Universities I and II:</u>							
East Carolina	3,500,939	2,462,012	70.3	70.1	70.1	70.4	70.6
ECU-Health Aff.	860,661	566,838	65.9	66.1	66.0	65.2	64.9
UNC-Greensboro*	3,591,036	1,946,787	54.2	54.4	58.0	57.8	57.9
SUBTOTAL	7,952,636	4,975,637	62.6	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>							
Appalachian*	3,302,747	2,133,666	64.6	67.5	67.5	69.6	68.8
Fayetteville	1,053,131	692,189	65.7	65.7	65.7	65.7	66.3
NC A & T	2,276,713	1,586,577	69.7	69.6	69.8	69.5	69.5
NC Central	1,541,557	1,015,363	65.9	65.7	65.4	65.4	65.5
UNC-Charlotte*	3,729,446	1,911,007	51.2	51.8	55.5	55.8	55.6
UNC-Pembroke	760,767	515,609	67.8	67.8	68.0	68.0	69.0
UNC-Wilmington	1,690,428	1,143,801	67.7	67.6	67.6	68.4	68.4
West'n Carolina	2,355,330	1,590,795	67.5	67.6	67.9	68.2	68.3
SUBTOTAL	16,710,119	10,589,007	63.4	65.1	66.0	66.5	66.5
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>							
Elizabeth City	842,917	588,636	69.8	69.8	69.9	69.9	69.9
UNC-Asheville*	911,167	585,129	64.2	64.2	62.8	62.7	66.0
Winston-Salem	1,080,734	687,942	63.7	63.7	65.4	66.3	66.7
SUBTOTAL	2,834,818	1,861,707	65.7	65.7	66.0	66.3	67.5

*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>							
NC Sch. of Arts	673,812	457,665	67.9	67.9	68.1	67.5	67.5
<u>Teaching Hospitals:</u>							
UNC Hosp. at C. H.	1,572,492	888,626	56.5	56.7	57.0	57.1	57.5
<u>Community Colleges:</u>							
SUBTOTAL*	16,442,406	11,206,382	68.2	68.4	68.5	68.8	68.7
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL*	19,185,952	9,660,874	50.4	50.0	50.0	51.6	54.5
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	18,205,998	12,770,474	70.1	70.7	70.8	70.8	70.8
<u>Junior Colleges:</u>							
SUBTOTAL	431,176	292,723	67.9	67.9	67.6	67.6	70.4
GRAND TOTAL	107,033,411	66,294,409	61.9	62.0	62.6	63.2	63.7

*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1998	1997	1996	1995	1994
<u>Community Colleges:</u>							
Alamance CC	262,614	177,920	67.7	67.7	68.1	69.6	69.5
Anson CC	92,903	64,730	69.7	72.5	72.5	73.0	73.0
Ashev'le-Bun. TCC	492,002	332,323	67.5	67.3	67.3	66.9	66.9
Beaufort Co. CC	178,373	130,749	73.3	73.4	73.7	74.4	74.4
Bladen CC	131,725	100,838	76.6	77.0	76.7	76.6	76.6
Blue Ridge CC	305,595	228,111	74.6	76.5	78.6	78.1	78.1
Brunswick CC	226,320	153,628	67.9	69.0	69.0	69.0	69.0
Caldwell CC & TI	343,688	250,998	73.0	74.5	74.6	74.6	74.6
Cape Fear CC	329,520	228,579	69.4	67.3	67.0	66.9	66.7
Carteret CC	159,346	117,342	73.6	73.9	76.3	76.2	76.3
Catawba Vy. CC	394,308	279,346	70.8	73.9	73.9	73.9	73.9
C. Carolina CC	309,801	220,898	71.3	71.2	71.9	72.7	72.7
C. Piedmont CC*	1,619,371	706,496	43.6	41.2	40.9	40.3	39.4
Cleveland CC	193,201	136,791	70.8	70.8	70.8	70.7	70.7
Coastal Car. CC	277,026	196,029	70.8	70.4	70.5	72.0	72.3
Col. Albemarle	205,280	135,368	65.9	66.0	65.2	65.3	65.3
Craven CC	156,586	109,430	69.9	69.9	69.9	69.8	69.7
Davidson Co. CC	339,729	230,316	67.8	67.7	67.6	67.6	67.8
Durham TCC	344,339	236,755	68.8	69.9	70.3	70.3	70.2
Edgecombe CC	184,044	125,762	68.3	68.4	68.5	69.1	69.1
Fayettev'le TCC	630,400	441,579	70.0	70.7	71.4	71.3	71.5
Forsyth TCC	579,646	397,959	68.7	69.7	70.1	70.1	70.4
Gaston Col.	391,645	270,840	69.2	69.4	69.3	71.7	71.4
Guilford TCC	802,673	564,572	70.3	70.3	70.1	71.8	71.8
Halifax CC	175,421	124,036	70.7	71.3	71.2	72.2	73.1
Haywood CC	293,578	221,306	75.4	77.2	76.0	76.0	76.2
Isothermal CC	220,057	169,036	76.8	76.8	76.8	76.8	76.8
J. Sprunt CC	149,297	107,551	72.0	74.6	74.6	74.4	74.5
Johnston CC	261,534	194,067	74.2	75.0	75.0	75.7	74.4
Lenoir CC	324,886	239,555	73.7	73.9	76.8	76.6	76.6

*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1998	1997	1996	1995	1994
<u>Community Colleges:</u>							
Martin CC	229,431	172,224	75.1	76.7	77.3	76.2	76.2
Mayland CC	119,393	86,371	72.3	71.4	73.1	73.1	73.3
McDowell TCC	116,814	85,160	72.9	72.9	75.4	75.5	75.5
Mitchell CC	258,176	185,141	71.7	71.9	71.8	72.4	72.4
Montgomery CC	119,180	80,749	67.8	71.3	71.4	71.0	71.0
Nash CC	157,799	109,223	69.2	69.2	69.2	69.1	69.1
Pamlico CC	40,198	28,395	70.6	70.6	70.6	70.6	71.1
Piedmont CC	135,205	110,412	81.7	82.8	84.9	84.9	84.2
Pitt CC	271,933	187,535	69.0	69.1	70.8	70.8	70.8
Randolph CC	251,788	186,134	73.9	74.1	75.2	75.2	76.2
Richmond CC	156,639	112,109	71.6	71.6	71.6	71.6	71.7
Roanoke-Cho. CC	135,921	99,803	73.4	73.4	73.5	73.5	73.5
Robeson CC	188,638	140,387	74.4	74.4	74.4	74.4	74.4
Rockingham CC	311,927	221,001	70.9	70.9	70.8	71.8	71.8
Rowan-Cab. CC	270,104	209,394	77.5	77.5	73.6	73.7	73.7
Sampson CC	154,335	110,000	71.3	74.5	74.5	74.5	74.4
Sandhills CC	332,725	229,219	68.9	72.4	72.6	72.6	72.6
Southeastern CC	198,706	145,456	73.2	73.1	73.2	73.6	74.4
Southwestern CC	228,723	167,334	73.2	73.8	74.0	74.0	74.0
Stanly CC	153,229	107,006	69.8	71.8	75.4	75.4	74.9
Surry CC	254,926	180,336	70.7	70.1	70.1	73.3	73.3
Tri-County CC	117,065	91,764	78.4	79.8	79.8	79.8	79.8
Vance-Granv. CC	259,225	171,811	66.3	66.0	66.0	66.1	66.2
Wake TCC	532,039	349,313	65.7	65.7	68.7	68.5	68.5
Wayne CC	336,428	214,270	63.7	63.7	63.7	66.0	65.7
W. Piedmont CC	234,143	161,099	68.8	67.5	67.0	67.0	67.0
Wilkes CC	324,378	244,993	75.5	75.0	75.0	75.1	75.4
Wilson TCC	178,430	126,833	71.1	71.2	71.8	71.8	71.7
TOTAL	16,442,406	11,206,382	68.2	68.4	68.5	68.8	68.7

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.

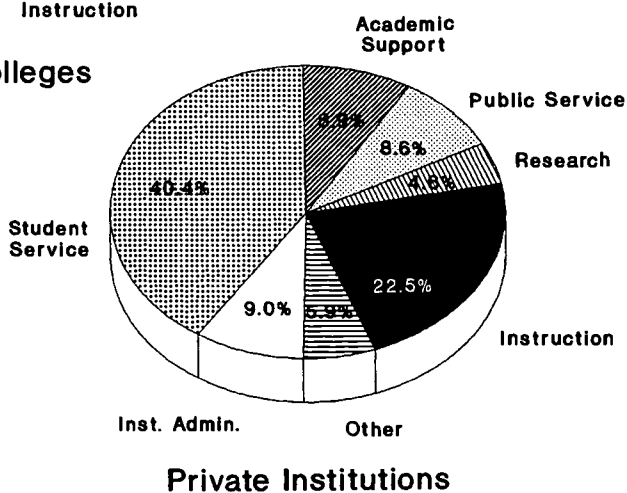
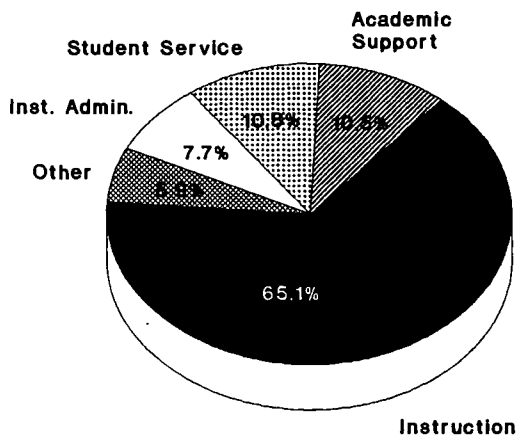
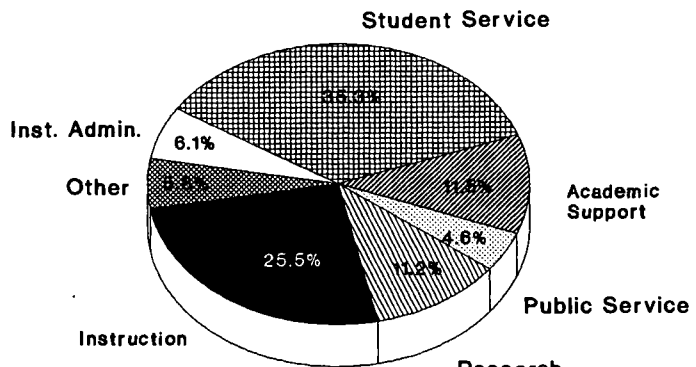
PROGRAM DEFINITIONS

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



BEST COPY AVAILABLE

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	In- struc- tion	Re- search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admi n.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas- signed
		10	20	30	40	50	60	70	80	90	00
Research Universities I:											
NC State	6,500,852	20.8	33.7	3.7	7.5	24.8	4.5	1.4	-	2.2	1.5
NC State Vet.	272,103	34.9	30.9	20.6	8.5	2.5	0.5	1.9	-	-	0.3
UNC-Chapel Hill	5,141,411	20.6	4.7	1.6	18.0	39.5	6.8	2.7	-	3.9	2.1
UNC-Health Aff.	1,676,948	22.9	29.4	8.5	20.6	0.4	0.4	0.2	-	7.4	10.2
SUBTOTAL	13,591,314	21.3	22.1	3.8	13.1	26.9	4.8	1.8	-	3.4	2.8
Doctoral Universities I and II:											
East Carolina	2,462,012	29.1	1.9	0.7	9.6	48.3	6.1	2.0	-	1.8	0.6
ECU-Health Aff.	566,838	18.3	25.6	29.6	15.6	0.3	8.6	1.8	-	-	0.2
UNC-Greensboro	1,946,787	24.9	4.2	0.1	13.5	47.3	6.9	2.3	-	-	0.9
SUBTOTAL	4,975,637	26.2	5.5	3.7	11.8	42.5	6.7	2.1	-	0.9	0.6
Master's (Comprehensive) Universities and Colleges I:											
Appalachian	2,133,666	32.2	0.8	1.1	6.2	51.1	5.7	2.1	-	<0.1	0.9
Fayetteville	692,189	33.4	0.9	0.3	12.8	38.1	7.3	2.0	-	-	5.2
NC A & T	1,586,577	30.0	10.0	1.0	15.4	33.6	5.6	1.2	-	0.7	2.6
NC Central	1,015,363	33.0	1.0	0.6	12.9	43.1	7.5	0.8	-	0.1	1.0
UNC-Charlotte	1,911,007	30.0	5.1	-	6.6	52.0	3.7	0.9	-	-	1.7
UNC-Pembroke	515,609	37.4	-	0.4	11.1	38.7	10.2	1.8	-	-	0.4
UNC-Wilmington	1,143,801	29.3	1.5	0.1	13.0	44.3	9.0	1.4	-	0.6	1.0
West'n Carolina	1,590,795	25.4	0.9	0.4	11.2	45.7	9.2	1.2	-	3.7	2.3
SUBTOTAL	10,589,007	30.5	3.0	0.5	10.4	44.9	6.7	1.4	-	0.7	1.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II:											
Elizabeth City	588,636	33.0	-	3.3	7.8	45.5	9.2	1.2	-	-	<0.1
UNC-Asheville	585,129	36.6	0.4	1.2	16.0	36.3	4.8	1.7	-	1.4	1.5
Winston-Salem	687,942	26.7	0.4	0.7	12.3	41.6	9.2	1.4	-	0.5	7.3
SUBTOTAL	1,861,707	31.8	0.3	1.7	12.0	41.2	7.8	1.5	-	0.6	3.2
Schools of Art, Music, and Design:											
NC Sch. of Arts	457,665	48.4	-	5.5	6.0	29.8	4.8	0.5	-	0.5	4.5
Teaching Hospitals:											
UNC Hosp. at C. Hill	888,626	1.1	0.7	75.6	-	-	15.1	2.5	-	-	5.1
Community Colleges:											
SUBTOTAL	11,206,382	65.1	-	1.4	10.5	10.8	7.7	2.1	-	0.9	1.5
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	9,660,874	17.3	10.8	20.1	10.8	26.3	7.3	2.5	-	2.0	2.8
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,770,474	26.5	0.1	0.2	7.6	50.7	10.3	1.9	-	0.7	2.0
Junior Colleges:											
SUBTOTAL	292,723	17.3	-	0.3	7.0	57.8	6.2	1.5	-	-	10.0
GRAND TOTAL	66,294,409	31.1	7.0	5.4	10.5	32.9	7.4	1.9	-	1.5	2.2

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	In- struc- tion	Re- search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas- signed
		10	20	30	40	50	60	70	80	90	00
Community Colleges:											
Alamance CC	177,920	75.5	-	1.2	8.9	5.9	5.9	2.4	-	0.1	<0.1
Anson CC	64,730	63.7	-	0.6	12.3	10.0	4.8	2.7	-	-	5.8
Ashev'le-Bun. TCC	332,323	70.4	-	0.1	12.2	6.3	6.9	0.8	-	1.8	1.5
Beaufort Co. CC	130,749	61.1	-	1.0	8.7	13.7	10.8	4.3	-	-	0.3
Bladen CC	100,838	54.6	-	0.4	7.9	14.9	12.9	3.9	-	1.0	4.5
Blue Ridge CC	228,111	65.6	-	0.7	9.2	8.2	5.4	2.8	-	3.3	4.7
Brunswick CC	153,628	51.8	-	14.2	6.1	7.6	6.0	2.1	-	7.6	4.6
Caldwell CC & TI	250,998	60.2	-	<0.1	8.2	20.5	6.4	4.6	-	-	<0.1
Cape Fear CC	228,579	72.8	-	0.3	7.5	6.1	8.1	0.1	-	-	5.1
Carteret CC	117,342	56.9	-	-	11.6	9.8	19.8	-	-	1.4	0.5
Catawba Vy. CC	279,346	74.2	-	-	9.4	6.7	4.9	-	-	0.8	3.9
C. Carolina CC	220,898	69.7	-	0.7	7.6	9.6	3.4	0.1	-	8.3	0.6
C. Piedmont CC	706,496	66.7	-	<0.1	10.1	11.3	8.2	1.8	-	-	1.9
Cleveland CC	136,791	67.3	-	2.8	11.0	8.5	8.3	1.7	-	0.1	0.3
Coastal Car. CC	196,029	70.5	-	0.1	12.1	8.7	6.1	2.2	-	-	0.2
Col. Albemarle	135,368	56.0	-	13.6	10.9	9.7	8.6	1.2	-	-	-
Craven CC	109,430	74.7	-	0.1	12.9	7.6	4.8	-	-	-	-
Davidson Co. CC	230,316	65.4	-	2.1	13.2	6.6	9.3	1.3	-	2.0	-
Durham TCC	236,755	63.4	-	<0.1	10.1	5.5	8.8	7.7	-	1.6	2.9
Edgecombe CC	125,762	61.8	-	-	10.4	11.6	9.2	2.3	-	-	4.6
Fayettev'le TCC	441,579	66.0	-	3.4	7.6	10.4	7.0	2.3	-	-	3.1
Forsyth TCC	397,959	72.0	-	0.3	9.6	9.1	6.9	2.1	-	0.1	-
Gaston Col.	270,840	62.9	-	3.4	16.3	9.9	6.7	0.8	-	-	-
Guilford TCC	564,572	70.0	-	2.6	7.0	7.9	9.1	1.7	-	1.1	0.6
Halifax CC	124,036	61.3	-	0.6	11.9	10.4	12.5	2.3	-	-	1.0
Haywood CC	221,306	67.6	-	0.4	6.5	14.6	5.5	3.5	-	1.2	0.8
Isothermal CC	169,036	75.9	-	0.6	7.1	7.4	6.7	2.4	-	-	-
J. Sprunt CC	107,551	62.9	-	2.8	11.9	11.3	7.3	3.6	-	0.2	-
Johnston CC	194,067	60.6	-	0.7	8.0	14.5	7.3	8.2	-	-	0.6
Lenoir CC	239,555	62.4	-	0.9	11.5	12.3	8.1	0.9	-	2.3	1.6
Martin CC	172,224	44.3	-	1.4	7.6	35.2	3.3	2.8	-	-	5.4
Mayland CC	86,371	53.4	-	2.3	18.3	12.2	10.4	1.4	-	0.6	1.5
McDowell TCC	85,160	65.8	-	-	8.0	9.6	10.3	3.3	-	0.3	2.7
Mitchell CC	185,141	58.4	-	-	9.6	18.1	9.4	2.3	-	0.1	2.1
Montgomery CC	80,749	59.0	-	0.1	16.3	7.9	14.2	1.7	-	0.1	0.6
Nash CC	109,223	70.5	-	0.5	11.6	5.2	9.5	2.7	-	-	-
Pamlico CC	28,395	56.4	-	0.7	19.0	9.4	10.4	4.1	-	-	-
Piedmont CC	110,412	59.9	-	11.3	9.0	6.6	9.4	2.8	-	1.1	-
Pitt CC	187,535	71.7	-	0.8	14.5	5.7	5.9	1.4	-	-	-
Randolph CC	186,134	72.3	-	0.1	9.3	9.4	8.3	0.4	-	0.2	-
Richmond CC	112,109	62.2	-	0.6	13.6	9.0	12.7	2.0	-	-	-
Roanoke-Cho. CC	99,803	46.8	-	2.9	9.2	9.4	5.8	4.2	-	18.1	3.6
Robeson CC	140,387	58.6	-	0.1	10.5	19.1	10.4	1.3	-	-	-
Rockingham CC	221,001	68.2	-	1.8	11.1	9.8	7.8	0.8	-	0.2	0.1
Rowan-Cab. CC	209,394	69.7	-	0.3	11.9	8.6	4.6	0.1	-	-	4.8
Sampson CC	110,000	63.1	-	0.2	10.5	10.6	9.4	0.1	-	-	6.1
Sandhills CC	229,219	65.5	-	0.1	10.9	15.1	6.1	2.5	-	<0.1	-
Southeastern CC	145,456	67.3	-	0.9	10.9	11.0	8.2	0.9	-	-	0.8
Southwestern CC	167,334	61.3	-	2.0	9.8	15.5	8.2	1.7	-	1.5	-
Stanly CC	107,006	68.3	-	<0.1	10.2	11.8	9.0	0.6	-	-	-
Surry CC	180,336	70.8	-	-	10.8	9.9	6.2	1.7	-	0.6	-
Tri-County CC	91,764	70.3	-	-	8.3	6.6	14.7	-	-	-	-
Vance-Granv. CC	171,811	63.3	-	8.3	12.2	6.7	8.8	0.5	-	<0.1	0.1
Wake TCC	349,313	55.2	-	-	15.0	15.5	7.7	2.5	-	-	4.0
Wayne CC	214,270	67.6	-	0.5	12.7	9.0	4.7	5.5	-	-	-
W. Piedmont CC	161,099	64.8	-	<0.1	14.5	10.1	7.3	3.2	-	-	0.1
Wilkes CC	244,993	50.7	-	<0.1	12.9	22.6	6.7	3.4	-	2.9	0.7
Wilson TCC	126,833	66.5	-	1.6	12.1	9.7	8.1	2.0	-	-	-
TOTAL	11,206,382	65.1	-	1.4	10.5	10.8	7.7	2.1	-	0.9	1.5

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 avocational 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.

**Instruction, Research & Public Service
Subprograms**

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Research Universities I:</u>								
NC State	20.7	-	-	0.1	<0.1	-	-	-
NC State Vet.	34.9	-	-	-	-	-	-	-
UNC-Chapel Hill	19.6	-	0.1	0.3	0.6	-	-	-
UNC-Health Aff.	22.6	-	-	<0.1	0.3	-	-	-
SUBTOTAL	20.8	-	<0.1	0.2	0.3	-	-	-
<u>Doctoral Universities I and II:</u>								
East Carolina	29.0	-	<0.1	-	-	-	-	-
ECU-Health Aff.	18.3	-	-	-	-	-	-	-
UNC-Greensboro	24.7	-	0.1	-	-	-	-	-
SUBTOTAL	26.1	-	0.1	-	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	29.5	-	-	2.7	-	-	-	-
Fayetteville	32.9	-	-	0.6	-	-	-	-
NC A & T	30.0	-	-	-	-	-	-	-
NC Central	32.9	-	0.1	-	-	-	-	-
UNC-Charlotte	30.0	-	-	-	-	-	-	-
UNC-Pembroke	37.0	-	0.4	-	-	-	-	-
UNC-Wilmington	28.6	-	0.2	-	0.5	-	-	-
West'n Carolina	24.6	-	<0.1	0.2	0.1	0.1	-	0.3
SUBTOTAL	29.7	-	<0.1	0.6	0.1	<0.1	-	<0.1
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	32.2	-	0.8	-	-	-	-	-
UNC-Asheville	36.6	-	-	-	-	-	-	-
Winston-Salem	25.5	-	1.2	-	-	-	-	-
SUBTOTAL	31.1	-	0.7	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Research Univ. I:</u>
7.6	26.1	-	-	1.2	2.5	0.1	NC State
-	30.9	8.8	11.7	-	-	-	NC State Vet.
0.2	4.5	-	-	1.4	-	0.2	UNC-Chapel Hill
4.4	25.0	2.7	5.6	0.1	0.1	-	UNC-Health Aff.
4.2	17.9	0.5	0.9	1.1	1.2	0.1	SUBTOTAL
							<u>Doctoral Univ. I/II:</u>
0.2	1.7	-	<0.1	0.6	-	0.1	East Carolina
-	25.6	11.2	17.1	1.2	-	-	ECU-Health Aff.
0.6	3.6	-	-	0.1	-	-	UNC-Greensboro
0.3	5.1	1.3	2.0	0.5	-	<0.1	SUBTOTAL
							<u>Master's (Comp.) Univ./Colleges I:</u>
-	0.8	-	-	1.1	-	-	Appalachian
-	0.9	-	-	0.3	-	<0.1	Fayetteville
3.3	6.7	-	-	0.4	0.5	0.1	NC A & T
0.3	0.7	-	-	0.5	-	0.1	NC Central
0.6	4.5	-	-	-	-	-	UNC-Charlotte
-	-	-	-	0.4	-	<0.1	UNC-Pembroke
0.5	0.9	-	-	0.1	-	-	UNC-Wilmington
-	0.9	-	-	0.4	-	<0.1	West'n Carolina
0.7	2.3	-	-	0.4	0.1	<0.1	SUBTOTAL
							<u>Bacc. (Lib. Arts) Univ./Coll. I/II:</u>
-	-	-	-	2.7	-	0.5	Elizabeth City
0.1	0.3	-	-	1.2	-	-	UNC-Asheville
-	0.4	-	-	0.7	-	<0.1	Winston-Salem
<0.1	0.2	-	-	1.5	-	0.2	SUBTOTAL

**Instruction, Research & Public Service
Subprograms**

Table 14a

INSTITUTION	Gen' l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen' l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	48.4	-	-	-	-	-	-	-
<u>Teaching Hospitals:</u>								
UNC Hosp. at C.H.	0.5	-	-	0.5	-	-	-	-
<u>Community Colleges:</u>								
SUBTOTAL	9.2	46.9	0.9	3.7	3.6	<0.1	0.2	0.6
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	17.3	-	<0.1	<0.1	-	-	-	-
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	26.3	-	0.2	<0.1	<0.1	-	-	-
<u>Junior Colleges:</u>								
SUBTOTAL	17.3	-	-	-	-	-	-	-
GRAND TOTAL	21.4	7.9	0.2	0.8	0.7	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Sch. of Art, Music and Design:</u>
-	-	-	-	5.5	-	-	NC Sch. of Arts
							<u>Teaching Hospitals:</u>
-	0.7	27.7	47.9	-	-	-	UNC Hosp. at C.H.
							<u>Community Colleges:</u>
-	-	-	-	1.4	<0.1	<0.1	SUBTOTAL
PRIVATE INSTITUTIONS							
							<u>Major Research Universities:</u>
-	10.8	8.0	12.0	<0.1	-	<0.1	SUBTOTAL
							<u>Gen. Baccalaureate Colleges:</u>
<0.1	0.1	-	-	0.2	-	-	SUBTOTAL
							<u>Junior Colleges:</u>
-	-	-	-	0.3	-	-	SUBTOTAL
1.0	6.0	1.7	2.7	0.7	0.3	<0.1	GRAND TOTAL

**Instruction, Research & Public Service
Subprograms**

Table 14a

INSTITUTION	Gen' l	Voc.	Prep.		Occup.	Social	Home &	Pers.	Communi- ty Svc.
	Acad. Instr.	Tech. Instr.	Remed. Instr.	Gen' l Studies	Relatd Instr.	Roles Instr.	Family Life	Int. Leis. Instr.	
	11	12	13	14	15	16	17	18	33
<u>Community Colleges:</u>									
Alamance CC	11.5	49.9	0.4	1.6	12.2	-	-	-	1.2
Anson CC	7.2	50.2	0.1	5.9	0.3	-	-	-	0.6
Ashev'le-Bun. TCC	0.1	59.6	-	1.6	7.7	-	-	1.4	0.1
Beaufort Co. CC	-	53.3	-	1.5	6.3	-	-	-	1.0
Bladen CC	4.8	44.9	-	0.9	3.9	-	-	-	0.4
Blue Ridge CC	11.5	47.8	1.2	3.2	1.1	0.4	-	0.5	0.7
Brunswick CC	0.1	40.8	-	6.8	3.6	-	-	0.6	14.2
Caldwell CC & TI	14.3	42.8	1.1	1.2	0.9	-	-	-	<0.1
Cape Fear CC	2.7	63.1	-	1.9	5.1	-	-	-	0.3
Carteret CC	0.1	52.6	0.1	1.6	0.1	-	-	2.3	-
Catawba Vy. CC	12.4	47.9	2.1	0.6	9.9	-	-	1.3	-
C. Carolina CC	3.9	60.9	2.3	0.9	1.8	-	-	-	0.7
C. Piedmont CC	20.7	39.8	2.6	2.4	1.1	<0.1	-	-	<0.1
Cleveland CC	9.7	47.5	1.0	4.9	0.9	-	3.3	-	2.8
Coastal Car. CC	17.9	38.9	1.0	2.0	10.8	-	-	-	0.1
Col. Albemarle	14.0	34.1	0.6	7.3	-	-	-	-	13.6
Craven CC**	6.6	61.9	0.3	5.8	-	-	-	-	-
Davidson Co. CC	15.0	41.0	3.3	1.8	4.3	-	-	-	2.1
Durham TCC	0.6	58.0	-	4.2	0.6	-	-	-	<0.1
Edgecombe CC	2.5	54.0	-	3.9	1.4	-	-	-	-
Fayettev'le TCC	-	51.4	0.1	9.9	3.4	-	1.0	0.1	3.4
Forsyth TCC	7.5	49.4	1.4	3.9	6.3	-	0.3	3.2	0.3
Gaston Col.	14.2	42.6	2.3	3.4	0.3	-	-	-	3.4
Guilford TCC*	3.0	57.1	1.2	4.7	2.4	-	-	1.6	2.6
Halifax CC	17.3	36.6	1.9	2.6	1.3	-	-	1.6	0.6
Haywood CC	-	58.8	0.1	2.0	1.5	-	1.9	3.3	0.4
Isothermal CC**	29.9	39.0	1.3	3.1	1.0	-	0.4	1.1	-
J. Sprunt CC	3.7	49.5	-	8.0	1.7	-	-	-	2.8
Johnston CC	-	59.4	1.2	-	-	-	-	-	0.7
Lenoir CC*	19.2	26.3	2.6	9.8	1.2	-	0.4	3.0	0.9

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Pitt CC - 0.8, Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Communi-ty Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges:</u>									
Martin CC	7.3	29.6	1.2	2.8	2.9	-	-	0.5	1.4
Mayland CC	6.6	40.3	0.2	2.1	4.3	-	-	-	2.3
McDowell TCC	1.5	57.7	2.2	3.9	0.6	-	-	-	-
Mitchell CC	23.1	18.8	-	13.6	2.3	-	-	0.6	-
Montgomery CC	0.3	55.8	-	0.3	2.7	-	-	-	0.1
Nash CC	2.4	51.8	-	2.2	11.9	0.9	-	1.2	0.5
Pamlico CC	3.3	36.3	-	3.4	13.3	-	-	-	0.7
Piedmont CC	1.6	47.9	0.6	7.2	2.6	-	-	-	11.3
Pitt CC*	7.5	56.8	0.5	2.7	4.4	-	-	-	-
Randolph CC	-	63.2	0.7	1.4	7.0	-	-	-	0.1
Richmond CC	-	51.0	-	10.4	0.5	0.3	-	-	0.6
Roanoke-Cho. CC	-	38.7	0.1	2.7	2.3	0.6	-	2.3	2.9
Robeson CC	0.5	54.0	-	2.2	1.9	-	-	-	0.1
Rockingham CC	26.9	34.8	0.4	1.0	5.0	-	-	-	1.8
Rowan-Cab. CC	1.7	65.0	-	1.3	1.7	-	-	-	0.3
Sampson CC	-	53.1	2.0	4.0	1.9	-	2.0	0.1	0.2
Sandhills CC	20.5	32.5	0.8	1.0	10.6	-	-	-	0.1
Southeastern CC	14.8	39.5	1.0	3.1	8.8	-	-	-	0.9
Southwestern CC	9.1	38.2	0.6	3.6	6.4	-	-	3.4	2.0
Stanly CC	-	49.1	0.9	5.5	12.9	-	-	-	<0.1
Surry CC	25.0	37.2	1.0	0.4	7.1	-	-	-	-
Tri-County CC	4.0	61.1	-	4.3	-	-	0.8	0.1	-
Vance-Granv. CC	11.0	43.5	0.5	4.9	3.3	-	-	0.2	8.3
Wake TCC	2.3	44.5	-	6.7	1.7	-	-	-	-
Wayne CC	6.7	54.1	-	6.1	0.7	-	-	-	0.5
W. Piedmont CC	37.7	22.4	-	2.8	1.9	-	-	-	<0.1
Wilkes CC	14.3	30.0	-	4.1	2.3	-	-	-	<0.1
Wilson TCC	1.7	53.9	3.8	1.8	5.3	-	-	-	1.6
TOTAL	9.2	46.9	0.9	3.7	3.6	<0.1	0.2	0.6	1.4

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.6, Subtotal - <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.

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svc.	Museums & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Research Universities I:</u>								
NC State	4.0	-	0.4	0.3	0.1	2.7	<0.1	<0.1
NC State Vet.	4.6	-	0.8	0.1	-	3.0	-	-
UNC-Chapel Hill	11.9	0.5	0.2	0.6	0.6	4.0	-	0.1
UNC-Health Aff.	3.8	<0.1	0.2	0.3	4.3	11.8	0.1	0.1
SUBTOTAL	7.0	0.2	0.3	0.4	0.8	4.3	<0.1	0.1
<u>Doctoral Universities I and II:</u>								
East Carolina	7.7	0.3	0.3	0.1	-	1.2	<0.1	-
ECU-Health Aff.	6.5	0.1	1.6	0.2	0.1	7.2	-	-
UNC-Greensboro	6.8	1.5	0.7	1.8	1.1	1.6	-	-
SUBTOTAL	7.2	0.8	0.6	0.8	0.4	2.0	<0.1	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	2.5	0.7	0.4	0.4	0.4	1.6	0.2	-
Fayetteville	7.7	0.3	0.7	0.1	0.8	3.1	-	-
NC A & T	7.0	0.4	0.2	0.5	4.3	3.0	-	-
NC Central	8.7	0.3	0.4	0.5	0.4	2.5	-	-
UNC-Charlotte	4.7	0.1	0.5	-	-	1.3	-	-
UNC-Pembroke	7.4	1.6	0.3	-	-	1.8	-	-
UNC-Wilmington	10.4	<0.1	<0.1	0.2	-	2.3	-	<0.1
West'n Carolina	7.6	0.8	0.2	<0.1	0.3	2.0	-	0.4
SUBTOTAL	6.4	0.5	0.3	0.2	0.9	2.1	<0.1	0.1
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	5.5	0.1	-	0.2	0.8	1.1	-	-
UNC-Asheville	12.5	0.4	1.6	0.9	-	0.7	-	-
Winston-Salem	6.7	1.8	0.3	0.7	0.4	2.5	-	-
SUBTOTAL	8.1	0.8	0.6	0.6	0.4	1.5	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svc.	Museums & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	4.0	0.6	0.1	<0.1	0.1	1.1	-	-
<u>Teaching Hospitals:</u>								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
<u>Community Colleges:</u>								
SUBTOTAL	6.6	0.1	0.8	0.1	1.2	1.7	<0.1	<0.1
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	6.4	0.3	0.1	0.3	<0.1	3.8	<0.1	<0.1
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	6.0	0.4	0.2	0.1	0.2	0.6	<0.1	0.1
<u>Junior Colleges:</u>								
SUBTOTAL	5.1	1.8	-	-	-	0.1	-	-
GRAND TOTAL	6.5	0.3	0.4	0.3	0.6	2.4	<0.1	<0.1

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svc.	Museums & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admi.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges:</u>								
Alamance CC	3.8	-	0.6	0.1	2.3	2.2	-	-
Anson CC	7.6	-	0.9	0.1	-	3.8	-	-
Ashev'le-Bun. TCC	6.2	-	0.9	-	4.5	0.5	-	-
Beaufort Co. CC	7.4	-	-	-	-	1.2	-	-
Bladen CC	5.4	-	-	-	-	2.5	-	-
Blue Ridge CC	4.9	<0.1	1.2	-	2.6	0.5	-	-
Brunswick CC	4.1	-	0.4	-	-	1.6	-	-
Caldwell CC & TI	4.7	-	0.8	-	-	2.6	-	-
Cape Fear CC	6.0	-	0.6	0.1	-	0.8	-	-
Carteret CC	5.4	-	1.1	-	2.5	2.6	-	-
Catawba Vy. CC	4.3	0.2	0.5	0.8	2.0	1.8	-	-
C. Carolina CC	6.1	-	0.5	-	0.3	0.7	-	-
C. Piedmont CC	6.1	0.1	1.7	0.1	0.2	1.9	-	-
Cleveland CC	6.7	0.4	1.9	-	-	2.0	-	-
Coastal Car. CC	8.4	0.3	0.9	0.2	-	2.4	-	-
Col. Albemarle	7.9	0.6	0.3	-	-	2.1	-	-
Craven CC	9.7	-	1.5	-	-	1.7	-	-
Davidson Co. CC	7.2	-	0.6	-	2.8	2.6	-	-
Durham TCC	5.6	-	0.9	0.3	-	3.0	-	0.2
Edgecombe CC	7.4	-	1.3	-	-	1.7	-	-
Fayettev'le TCC	3.6	-	1.1	0.1	-	2.9	-	-
Forsyth TCC	5.0	-	0.5	0.3	-	3.7	-	-
Gaston Col.	8.8	0.3	0.9	0.3	4.6	1.4	-	-
Guilford TCC	5.3	-	0.6	-	-	1.1	-	-
Halifax CC	7.4	-	-	-	2.3	2.1	0.1	-
Haywood CC	3.0	0.2	0.3	0.2	1.8	1.0	-	-
Isothermal CC	6.2	-	0.1	-	-	0.8	-	-
J. Sprunt CC	10.7	-	-	-	-	1.2	-	-
Johnston CC	4.0	-	1.1	-	1.5	1.4	-	-
Lenoir CC	6.9	1.2	0.8	<0.1	-	2.6	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svc.	Museums & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges:</u>								
Martin CC	6.1	-	-	-	-	1.5	-	-
Mayland CC	9.8	-	0.8	-	6.7	1.0	-	-
McDowell TCC	6.0	0.6	-	-	-	1.4	-	-
Mitchell CC	5.9	0.1	0.9	0.2	-	2.5	-	-
Montgomery CC	11.9	-	-	-	2.8	1.3	0.4	-
Nash CC	10.4	-	-	-	-	1.1	-	-
Pamlico CC	17.3	-	0.5	-	-	1.2	-	-
Piedmont CC	6.6	-	0.5	0.2	-	1.8	-	-
Pitt CC	10.5	-	1.7	-	1.3	0.9	0.2	-
Randolph CC	6.3	-	1.3	-	-	1.7	-	-
Richmond CC	10.2	-	1.6	0.6	-	1.2	-	-
Roanoke-Cho. CC	6.3	-	-	-	1.1	1.9	-	-
Robeson CC	7.3	-	1.3	-	-	1.9	-	-
Rockingham CC	5.5	0.9	0.4	-	3.5	0.9	-	-
Rowan-Cab. CC	8.2	-	0.7	-	1.4	1.6	-	-
Sampson CC	8.7	-	-	0.2	-	1.7	-	-
Sandhills CC	8.2	0.5	1.3	-	-	0.8	-	-
Southeastern CC	7.2	-	1.6	0.1	1.5	0.5	-	-
Southwestern CC	4.9	-	0.4	0.2	1.8	2.5	-	-
Stanly CC	7.5	-	1.5	0.2	-	1.0	-	-
Surry CC	9.8	-	0.4	0.2	-	0.4	-	-
Tri-County CC	7.4	-	-	-	-	0.9	-	-
Vance-Granv. CC	6.7	-	-	<0.1	3.6	1.9	-	-
Wake TCC	7.9	-	1.4	0.1	4.9	0.7	-	-
Wayne CC	9.2	-	1.4	0.1	-	1.9	0.1	-
W. Piedmont CC	9.3	-	2.0	-	-	3.2	-	-
Wilkes CC	8.1	0.5	<0.1	-	3.5	0.8	-	-
Wilson TCC	5.8	-	0.4	<0.1	4.1	1.8	-	-
TOTAL	6.6	0.1	0.8	0.1	1.2	1.7	<0.1	<0.1

TABLE 14c:
**STUDENT SERVICE AND PHYSICAL PLANT
OPERATIONS SUBPROGRAMS**

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

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

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

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

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Util- ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Research Universities I:												
NC State	0.1	2.1	0.2	0.1	19.2	2.8	0.3	0.3	0.4	<0.1	0.5	0.2
NC State Vet.	-	0.1	-	-	2.5	-	-	-	0.1	<0.1	1.6	0.3
UNC-Chapel Hill	0.2	2.8	0.2	0.1	26.3	9.2	0.7	0.5	1.0	0.4	0.7	0.1
UNC-Health Aff.	<0.1	<0.1	<0.1	-	0.3	-	-	-	<0.1	0.2	-	-
SUBTOTAL	0.1	2.1	0.2	0.1	19.2	4.9	0.4	0.3	0.6	0.2	0.5	0.2
Doctoral Universities I and II:												
East Carolina	0.2	9.9	0.3	0.2	33.6	3.7	0.4	0.4	1.3	0.1	0.1	0.1
ECU-Health Aff.	0.3	-	-	-	-	-	-	0.2	1.5	0.1	0.1	-
UNC-Greensboro	0.2	6.7	0.4	0.2	36.9	2.0	0.8	0.7	1.0	0.1	0.1	0.4
SUBTOTAL	0.2	7.5	0.3	0.2	31.1	2.6	0.5	0.5	1.2	0.1	0.1	0.2
Master's (Comprehensive) Universities and Colleges I:												
Appalachian Fayetteville	0.1	8.8	0.5	0.3	39.6	1.3	0.6	0.8	0.9	-	0.3	-
NC A & T	0.2	3.8	0.7	0.4	27.2	1.0	0.4	0.2	0.8	<0.1	0.1	<0.1
UNC-Central	0.7	5.4	0.5	0.7	31.9	3.3	0.5	0.2	0.5	-	-	0.1
UNC-Charlotte	0.2	10.6	0.4	0.1	39.8	0.6	0.4	0.5	0.4	0.1	-	-
UNC-Pembroke	0.2	8.9	0.6	0.3	27.7	0.4	0.7	0.6	1.0	0.1	-	0.1
UNC-Wilmington	0.2	5.2	0.5	0.2	34.2	3.6	0.3	0.4	0.7	<0.1	0.1	0.1
West'n Carolina	0.1	7.4	0.6	0.1	34.5	2.6	0.4	0.4	0.7	<0.1	-	0.1
SUBTOTAL	0.2	7.3	0.5	0.3	34.4	1.7	0.5	0.4	0.8	<0.1	0.1	0.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	0.2	6.5	0.6	0.4	35.3	1.6	0.8	0.7	0.5	-	-	-
UNC-Asheville	0.2	3.8	0.4	0.2	29.8	1.7	0.3	0.7	0.4	0.1	0.3	0.2
Winston-Salem	0.2	8.5	0.5	0.3	27.3	4.3	0.4	0.3	0.6	0.1	0.2	0.3
SUBTOTAL	0.2	6.4	0.5	0.3	30.6	2.6	0.5	0.5	0.5	0.1	0.2	0.2
Schools of Art, Music, and Design:												
NC Sch. of Arts	0.2	6.5	0.1	0.2	22.3	-	0.5	<0.1	0.5	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	2.0	0.4	-	-
Community Colleges:												
SUBTOTAL	0.5	4.7	1.0	0.2	4.4	<0.1	<0.1	0.3	1.4	0.1	<0.1	0.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.2	2.8	0.1	0.1	19.8	3.2	0.1	0.6	0.9	0.3	0.4	0.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.3	7.7	0.3	0.2	38.2	3.5	0.4	0.3	1.4	0.1	0.1	0.1
Junior Colleges:												
SUBTOTAL	0.6	15.2	-	0.1	37.0	3.5	1.3	-	1.0	0.5	-	-
GRAND TOTAL	0.3	5.1	0.4	0.2	23.9	2.7	0.3	0.4	1.0	0.2	0.2	0.2

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Building Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	0.4	1.3	0.2	0.4	3.6	-	-	0.3	2.1	-	-	-
Anson CC	0.2	4.4	1.7	0.3	3.4	-	-	-	2.5	0.2	-	-
Ashev'le-Bun. TCC	0.1	2.2	0.3	0.4	3.3	-	-	0.2	0.4	-	-	0.2
Beaufort Co. CC	1.5	6.2	1.0	0.8	4.4	-	-	-	4.3	-	-	-
Bladen CC	0.2	9.6	1.2	0.2	3.8	-	-	-	1.9	<0.1	-	1.9
Blue Ridge CC	0.6	1.9	1.1	-	4.6	-	-	-	2.7	0.1	-	-
Brunswick CC	1.2	0.1	1.9	0.1	4.2	-	0.1	-	2.0	0.1	-	-
Caldwell CC & TI	0.1	15.4	1.6	0.2	3.2	-	-	0.1	4.5	-	-	0.1
Cape Fear CC	0.5	0.7	1.4	0.2	3.3	-	-	-	-	-	-	0.1
Carteret CC	0.5	2.2	0.6	0.1	6.4	-	-	-	-	-	-	-
Catawba Vy. CC	0.1	3.6	0.8	<0.1	2.1	-	-	-	-	-	-	-
C. Carolina CC	0.6	3.8	0.5	0.1	4.7	-	-	0.1	-	<0.1	-	-
C. Piedmont CC	1.3	3.2	1.2	0.3	5.3	-	-	0.4	0.7	0.3	-	0.4
Cleveland CC	0.4	4.7	-	0.6	2.8	-	-	0.1	1.5	0.2	-	-
Coastal Car. CC	<0.1	2.1	1.7	0.1	4.8	-	-	0.3	1.9	-	-	-
Col. Albemarle	1.4	3.3	2.6	0.6	1.8	-	-	-	1.2	-	-	-
Craven CC	0.1	3.3	1.0	0.2	3.0	-	-	-	-	-	-	-
Davidson Co. CC	0.2	1.7	0.8	0.2	3.7	-	-	0.1	1.2	-	-	-
Durham TCC	0.1	0.9	0.5	0.1	3.8	-	-	5.5	1.1	0.7	-	0.4
Edgecombe CC	0.4	9.2	0.7	0.1	1.2	-	-	1.5	0.8	-	-	-
Fayettev'le TCC	0.7	4.9	0.8	0.1	3.9	-	0.1	0.2	1.1	0.3	-	0.7
Forsyth TCC	0.1	2.3	1.0	0.3	5.4	-	-	0.1	1.7	0.3	-	-
Gaston Col.	0.2	5.3	0.5	0.1	3.7	-	<0.1	-	0.4	-	-	0.3
Guilford TCC	0.4	2.4	0.8	0.2	4.1	-	<0.1	-	1.2	0.2	-	0.4
Halifax CC	0.2	3.9	1.3	1.5	3.6	-	-	0.1	2.1	0.1	-	-
Haywood CC	0.4	8.6	0.4	0.1	5.1	-	-	0.1	1.0	<0.1	<0.1	2.4
Isothermal CC	1.0	3.1	0.5	0.2	2.7	-	-	0.5	1.1	0.4	0.4	-
J. Sprunt CC	0.8	3.5	1.6	0.3	5.1	-	-	-	3.6	-	-	-
Johnston CC	0.8	8.9	0.5	0.2	4.2	-	-	-	6.6	<0.1	-	1.6
Lenoir CC	-	8.7	0.1	0.6	1.9	0.9	-	-	0.4	-	-	0.5
Martin CC	1.1	30.4	0.6	0.1	3.0	-	-	0.1	2.4	0.2	-	-
Mayland CC	-	0.8	0.4	0.8	10.3	-	-	-	1.4	-	-	-
McDowell TCC	0.6	-	1.4	0.1	7.4	-	-	-	0.4	-	-	2.9
Mitchell CC	0.9	8.9	0.4	0.3	7.6	-	-	-	2.2	0.2	-	-
Montgomery CC	0.2	2.2	1.4	0.6	3.5	-	-	0.3	1.4	-	-	-
Nash CC	1.0	0.6	0.8	0.1	2.7	-	-	-	2.7	-	-	-
Pamlico CC	1.2	-	1.6	-	6.6	-	-	-	4.1	-	-	-
Piedmont CC	1.8	0.7	-	-	4.2	-	-	-	2.8	-	-	-
Pitt CC	1.8	0.3	0.5	0.3	2.7	0.1	-	-	1.4	-	-	-
Randolph CC	0.7	2.3	1.3	0.1	5.0	-	-	0.3	0.1	-	-	-
Richmond CC	0.5	4.5	1.9	0.1	1.9	-	0.1	-	2.0	-	-	-
Roanoke-Cho. CC	0.3	2.0	1.7	0.7	4.6	-	-	-	-	-	-	4.2
Robeson CC	0.5	9.9	1.5	0.3	6.8	-	-	-	1.3	-	-	-
Rockingham CC	0.3	5.7	0.4	0.3	3.1	-	-	<0.1	0.5	0.1	-	0.2
Rowan-Cab. CC	1.0	-	0.8	0.2	6.6	-	-	-	-	0.1	-	-
Sampson CC	0.2	3.0	1.4	0.2	5.9	-	-	0.1	-	-	-	-
Sandhills CC	0.1	6.2	1.6	0.2	7.0	-	-	-	1.9	0.1	0.1	0.4
Southeastern CC	0.5	3.2	2.8	0.1	4.4	-	-	0.3	0.5	-	-	-
Southwestern CC	-	8.7	1.0	0.2	5.6	-	-	-	1.7	-	-	-
Stanly CC	0.4	4.0	0.7	0.3	6.3	-	-	0.1	0.5	-	-	-
Surry CC	0.9	1.6	0.8	0.3	6.3	-	-	0.1	1.6	0.1	-	-
Tri-County CC	-	6.5	-	0.1	0.1	-	-	-	-	-	-	-
Vance-Granv. CC	0.2	-	1.9	-	4.6	-	-	-	0.5	-	-	-
Wake TCC	0.3	5.4	1.4	0.4	7.9	-	0.1	<0.1	2.3	-	-	0.2
Wayne CC	0.3	4.7	0.5	0.3	3.1	-	0.1	-	5.5	-	-	-
W. Piedmont CC	0.6	3.4	0.5	0.2	5.3	-	-	0.1	2.1	0.1	-	0.8
Wilkes CC	0.1	18.0	1.5	<0.1	3.0	-	-	2.8	0.3	0.4	-	-
Wilson TCC	0.3	4.4	0.8	0.2	3.8	-	0.1	0.1	1.8	0.1	-	-
TOTAL	0.5	4.7	1.0	0.2	4.4	<0.1	<0.1	0.3	1.4	0.1	<0.1	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.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Log.	Adm. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Inst.	Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	Usable	Unusable	
Research Universities I:													
NC State	0.2	0.4	2.4	0.2	0.9	0.2	0.1	0.1	0.2	1.9	0.2	1.3	
NC State Vet.	-	-	0.4	-	-	0.1	-	-	-	-	-	0.3	
UNC-Chapel Hill	0.4	0.6	3.1	0.5	0.9	1.0	0.1	0.2	2.0	1.9	0.4	1.7	
UNC-Health Aff.	-	<0.1	0.3	<0.1	0.1	<0.1	<0.1	<0.1	0.9	6.5	9.4	0.8	
SUBTOTAL	0.2	0.4	2.3	0.3	0.8	0.5	0.1	0.1	1.0	2.4	1.4	1.3	
Doctoral Universities I and II:													
East Carolina	0.3	0.3	3.2	0.8	0.4	0.8	0.2	0.2	-	1.8	0.5	0.1	
ECU-Health Aff.	-	-	6.7	-	0.1	1.1	0.3	0.3	-	-	0.2	-	
UNC-Greensboro	0.7	0.4	3.8	0.5	0.3	1.0	0.3	-	-	-	0.1	0.8	
SUBTOTAL	0.4	0.3	3.8	0.6	0.3	0.9	0.2	0.1	-	0.9	0.3	0.3	
Master's (Comprehensive) Universities and Colleges I:													
Appalachian	0.5	0.5	2.6	0.6	0.3	0.5	0.4	0.3	-	<0.1	-	0.9	
Fayetteville	1.2	0.9	2.5	<0.1	2.1	0.1	0.3	0.2	-	-	-	5.2	
NC A & T	0.8	0.7	1.6	0.4	0.9	0.7	0.3	0.1	-	0.7	-	2.6	
NC Central	1.1	0.5	2.9	0.7	1.2	0.8	0.2	0.1	-	0.1	0.6	0.4	
UNC-Charlotte	0.6	0.4	1.1	0.6	0.3	0.3	0.1	0.1	-	-	-	1.7	
UNC-Pembroke	1.1	0.9	3.1	0.9	2.0	1.1	0.5	0.4	-	-	0.4	-	
UNC-Wilmington	1.2	1.0	3.3	0.4	1.4	1.0	0.5	0.2	<0.1	0.6	0.1	0.9	
West'n Carolina	0.6	0.4	3.3	0.4	3.3	0.7	0.2	0.2	0.1	3.7	0.5	1.9	
SUBTOTAL	0.8	0.6	2.4	0.5	1.3	0.6	0.3	0.2	<0.1	0.7	0.2	1.6	
Baccalaureate (Liberal Arts) Universities and Colleges I and II:													
Elizabeth City	1.3	0.7	2.7	0.3	3.2	0.4	0.3	0.2	-	-	<0.1	-	
UNC-Asheville	0.9	0.6	1.3	0.1	1.0	0.3	0.2	0.3	-	1.4	0.1	1.4	
Winston-Salem	1.0	1.1	2.7	0.4	2.9	0.7	0.2	0.2	-	0.5	2.0	5.3	
SUBTOTAL	1.1	0.8	2.3	0.3	2.4	0.5	0.2	0.2	-	0.6	0.8	2.4	
Schools of Art, Music, and Design:													
NC Sch. of Arts	0.6	0.3	0.9	0.1	2.1	0.4	0.2	0.2	0.5	-	<0.1	4.5	
Teaching Hospitals:													
UNC Hosp. at C. H.	0.9	3.1	8.9	2.1	-	0.2	-	-	-	-	-	5.1	
Community Colleges:													
SUBTOTAL	1.3	0.9	3.4	0.5	0.6	0.2	0.4	0.5	0.2	0.7	0.4	1.1	
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	0.5	0.6	3.5	0.6	1.3	0.6	0.1	0.1	1.7	0.3	0.1	2.7	
Gen. Baccalaureate Colleges:													
SUBTOTAL	0.7	0.4	2.1	0.2	5.2	1.0	0.5	0.2	0.3	0.4	1.0	1.0	
Junior Colleges:													
SUBTOTAL	0.7	1.8	0.9	-	1.8	0.3	0.4	0.3	-	-	4.7	5.3	
GRAND TOTAL	0.7	0.6	2.8	0.4	1.7	0.6	0.3	0.2	0.5	0.9	0.7	1.5	

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Inst.	Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	Usable 01	Unusable 02
<u>Community Colleges:</u>												
Alamance CC	1.1	1.0	2.2	<0.1	0.8	0.3	0.2	0.3	-	0.1	<0.1	-
Anson CC	1.0	1.1	1.7	0.6	-	-	-	0.5	-	-	-	5.8
Ashev'le-Bun. TCC	1.2	0.5	4.0	0.2	0.3	0.1	0.2	0.6	-	1.8	0.1	1.4
Beaufort Co. CC	1.9	2.3	3.9	0.3	0.9	0.4	0.6	0.4	-	-	-	0.3
Bladen CC	1.6	2.0	8.2	0.1	<0.1	-	-	0.9	-	1.0	3.5	0.9
Blue Ridge CC	0.9	0.8	2.2	0.2	0.2	0.1	-	0.9	-	3.3	-	4.7
Brunswick CC	1.7	0.8	1.4	0.3	0.8	0.6	0.2	0.1	-	7.6	0.9	3.7
Caldwell CC & TI	0.5	0.9	2.7	0.8	0.1	0.1	1.1	0.2	-	-	-	<0.1
Cape Fear CC	2.1	1.6	2.8	0.5	0.1	0.2	0.5	0.3	-	-	-	5.1
Carteret CC	1.8	0.6	16.3	0.4	0.5	0.1	-	0.2	-	1.4	0.5	-
Catawba Vy. CC	0.7	0.7	2.4	0.2	0.3	0.1	-	0.5	-	0.8	-	3.9
C. Carolina CC	1.1	0.8	0.6	0.4	0.1	0.1	-	0.3	8.3	-	-	0.6
C. Piedmont CC	0.6	0.8	3.9	0.7	0.7	0.4	0.2	0.9	-	-	-	1.9
Cleveland CC	1.6	0.6	3.9	0.6	0.7	0.4	0.1	0.3	-	0.1	0.3	-
Coastal Car. CC	0.8	1.0	2.4	0.7	0.4	0.3	0.2	0.4	-	-	0.2	-
Col. Albemarle	1.1	0.9	5.2	0.4	0.3	-	0.2	0.5	-	-	-	-
Craven CC	1.0	1.1	1.6	-	0.2	0.4	-	0.4	-	-	-	-
Davidson Co. CC	1.7	0.6	4.6	0.3	1.5	-	0.2	0.4	-	2.0	-	-
Durham TCC	1.9	0.8	1.7	0.9	1.2	0.2	1.7	0.4	-	1.6	1.0	1.9
Edgecombe CC	1.8	0.7	4.9	0.3	0.2	0.2	0.5	0.5	-	-	4.6	-
Fayettev'le TCC	1.2	1.2	2.6	0.6	0.3	0.1	0.5	0.5	-	-	-	3.1
Forsyth TCC	1.9	0.7	2.3	0.3	0.3	0.1	1.0	0.5	-	0.1	-	-
Gaston Col.	1.1	0.4	4.3	-	0.3	0.2	0.2	0.1	-	-	-	-
Guilford TCC	1.6	0.8	4.0	0.4	1.1	0.1	0.3	0.8	-	1.1	0.6	-
Halifax CC	1.2	0.7	7.1	1.3	0.7	0.5	0.4	0.7	-	-	1.0	-
Haywood CC	0.8	0.5	2.2	0.5	0.2	0.1	1.0	0.2	-	1.2	-	0.8
Isothermal CC	1.3	1.1	2.8	0.3	0.2	0.2	0.2	0.6	-	-	-	-
J. Sprunt CC	3.0	1.5	1.4	-	0.3	-	-	1.1	-	0.2	-	-
Johnston CC	0.5	0.7	3.8	0.5	1.3	0.1	0.1	0.2	-	-	-	0.6
Lenoir CC	0.7	1.0	4.0	0.3	0.9	-	0.9	0.3	-	2.3	-	1.6
Martin CC	0.6	0.7	1.1	0.2	0.4	-	0.1	0.2	-	-	-	5.4
Mayland CC	3.3	0.7	3.0	1.5	0.3	0.3	0.7	0.5	-	0.6	1.5	-
McDowell TCC	0.7	1.4	4.2	1.3	2.3	0.3	-	0.2	-	0.3	2.7	-
Mitchell CC	1.7	1.2	4.9	-	1.0	-	0.1	0.5	-	0.1	2.1	-
Montgomery CC	6.9	0.9	4.9	0.4	-	0.6	0.2	0.3	-	0.1	0.6	-
Nash CC	1.5	0.8	5.0	0.7	0.6	0.3	0.4	0.3	-	-	-	-
Pamlico CC	2.3	3.1	3.5	0.2	-	1.0	-	0.3	-	-	-	-
Piedmont CC	3.2	1.3	1.6	0.6	2.3	0.2	0.1	0.1	-	1.1	-	-
Pitt CC	0.5	1.2	2.3	0.8	0.4	0.2	-	0.5	-	-	-	-
Randolph CC	0.9	0.9	4.1	0.9	0.6	0.1	-	0.7	-	0.2	-	-
Richmond CC	4.3	1.1	5.9	0.1	0.2	0.5	0.1	0.6	-	-	-	-
Roanoke-Cho. CC	1.6	0.9	1.7	0.2	0.4	0.3	0.4	0.3	-	18.1	-	3.6
Robeson CC	1.5	1.1	5.0	0.5	0.5	0.1	0.8	0.8	-	-	-	-
Rockingham CC	1.1	0.8	3.4	0.4	0.8	0.3	0.6	0.4	-	0.2	0.1	-
Rowan-Cab. CC	0.5	1.3	1.8	0.5	0.1	0.1	-	0.3	-	-	-	4.8
Sampson CC	2.9	1.9	3.2	0.2	-	0.1	0.1	0.9	-	-	2.4	3.7
Sandhills CC	0.9	0.3	1.5	0.3	2.3	0.2	0.2	0.3	-	<0.1	-	-
Southeastern CC	1.2	0.9	3.7	1.0	-	0.4	0.4	0.6	-	-	0.1	0.7
Southwestern CC	0.6	0.9	4.2	0.7	-	0.4	0.2	1.1	-	1.5	-	-
Stanly CC	2.8	1.8	1.8	0.7	0.4	0.2	0.4	1.0	-	-	-	-
Surry CC	1.9	1.1	1.6	0.3	0.5	0.3	0.3	0.2	-	0.6	-	-
Tri-County CC	0.7	1.8	10.0	1.6	0.4	-	-	0.2	-	-	-	-
Vance-Granv. CC	1.0	0.9	3.9	0.6	0.3	-	1.8	0.4	-	<0.1	0.1	-
Wake TCC	1.5	0.4	3.5	0.6	0.7	0.3	0.2	0.5	-	-	3.2	0.8
Wayne CC	1.3	0.5	1.2	0.4	0.8	0.1	0.3	0.3	-	-	-	-
W. Piedmont CC	0.9	0.9	2.6	0.3	-	1.9	0.3	0.4	-	-	0.1	-
Wilkes CC	1.2	0.7	3.3	0.4	-	0.2	0.8	0.2	2.7	0.2	-	0.7
Wilson TCC	1.7	1.2	2.7	0.6	0.6	0.4	<0.1	1.0	-	-	-	-
TOTAL	1.3	0.9	3.4	0.5	0.6	0.2	0.4	0.5	0.2	0.7	0.4	1.1

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. 117-118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth edition). This updated manual incorporates the codes and definitions presented in the 1992 national Postsecondary Education Facilities Inventory and Classification Manual.

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

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

<u>Room Use Code</u>	<u>Norm (%)</u>	<u>All N.C. Institutions 1998 (%)</u>
Classroom (Series 100)	8.0	8.1
Laboratory (Series 200)	14.5	14.8
Office (Series 300)	13.0	18.6
Study (Series 400)	6.8	7.0
Special Use (Series 500)	8.9	9.6
General Use (Series 600)	12.0	11.9
Support (Series 700)	6.5	4.5
Health Care (Series 800)	1.4	3.3
Residential (Series 900)	26.7	20.1
Unclassified (Series 000)	2.2	2.1

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
- 765 Hazardous Materials Service

800 Health Care Facilities

- 810 Patient Bedroom
- 815 Patient Bedroom Service
- 820 Patient Bath
- 830 Nurse Station
- 835 Nurse Station Service
- 840 Surgery

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

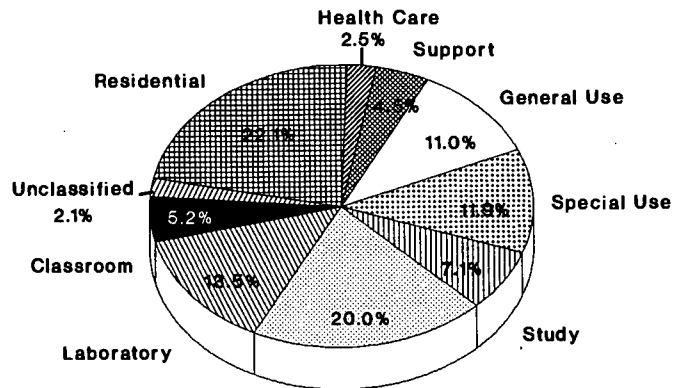
900 Residential Facilities

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

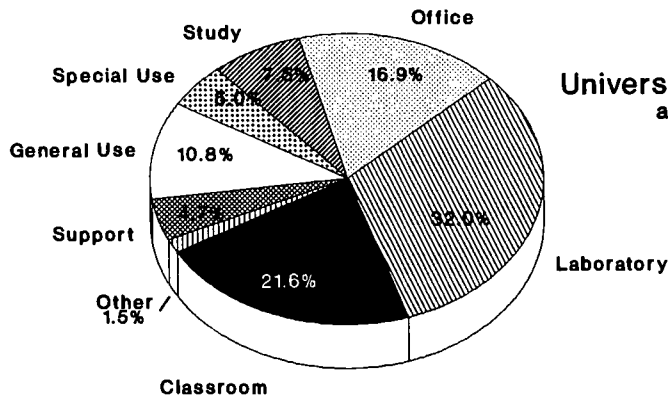
000 Unclassified Facilities

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

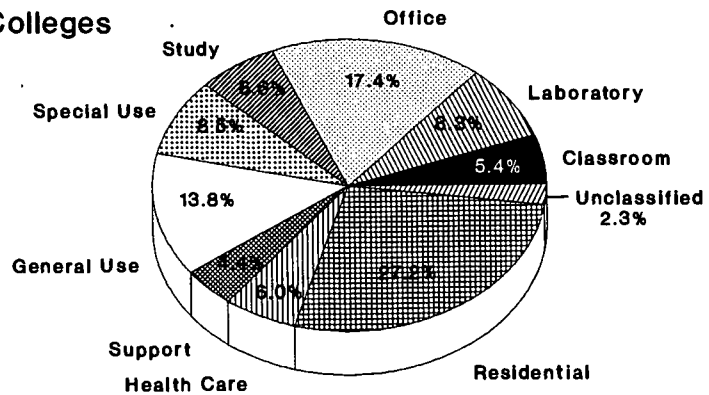
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

BEST COPY AVAILABLE

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
<u>Research Univ. I:</u>									
NC State	6,500,852	205,379	3.2	1,289,223	19.8	1,278,124	19.7	257,714	4.0
NC State Vet.	272,103	7,653	2.8	70,856	26.0	40,173	14.8	15,380	5.7
UNC-Chapel Hill	5,141,411	209,079	4.1	423,867	8.2	1,030,425	20.0	628,800	12.2
UNC-Health Aff.	1,676,948	52,482	3.1	494,962	29.5	658,659	39.3	62,688	3.7
SUBTOTAL	13,591,314	474,593	3.5	2,278,908	16.8	3,007,381	22.1	964,582	7.1
<u>Doctoral Univ. I and II:</u>									
East Carolina	2,462,012	166,536	6.8	282,490	11.5	414,504	16.8	204,301	8.3
ECU-Health Aff.	566,838	30,524	5.4	130,915	23.1	193,665	34.2	35,643	6.3
UNC-Greensboro	1,946,787	124,552	6.4	184,267	9.5	359,971	18.5	161,247	8.3
SUBTOTAL	4,975,637	321,612	6.5	597,672	12.0	968,140	19.5	401,191	8.1
<u>Master's (Comp.) Univ./Colleges I:</u>									
Appalachian	2,133,666	166,720	7.8	196,401	9.2	380,689	17.8	51,625	2.4
Fayetteville	692,189	56,594	8.2	56,132	8.1	114,469	16.5	57,638	8.3
NC A & T	1,586,577	100,402	6.3	267,567	16.9	291,367	18.4	120,768	7.6
NC Central	1,015,363	92,215	9.1	91,751	9.0	200,091	19.7	107,219	10.6
UNC-Charlotte	1,911,007	105,097	5.5	257,132	13.5	339,785	17.8	114,049	6.0
UNC-Pembroke	515,609	49,094	9.5	37,285	7.2	101,847	19.8	42,757	8.3
UNC-Wilmington	1,143,801	76,431	6.7	123,178	10.8	222,908	19.5	111,948	9.8
West'n Carolina	1,590,795	90,588	5.7	135,033	8.5	225,526	14.2	126,157	7.9
SUBTOTAL	10,589,007	737,141	7.0	1,164,479	11.0	1,876,682	17.7	732,161	6.9
<u>Baccalaureate (Lib. Arts) Univ./Colleges I and II:</u>									
Elizabeth City	588,636	41,662	7.1	67,000	11.4	78,970	13.4	39,023	6.6
UNC-Asheville	585,129	38,597	6.6	62,859	10.7	91,165	15.6	75,490	12.9
Winston-Salem	687,942	50,129	7.3	45,096	6.6	140,254	20.4	49,442	7.2
SUBTOTAL	1,861,707	130,388	7.0	174,955	9.4	310,389	16.7	163,955	8.8
<u>Schools of Art, Music, and Design:</u>									
NC Sch. of Arts	457,665	19,301	4.2	144,039	31.5	49,019	10.7	19,027	4.2
<u>Teaching Hospitals:</u>									
UNC Hosp. at C. Hill	888,626	8,370	0.9	9,586	1.1	255,364	28.7	2,815	0.3
<u>Community Colleges:</u>									
SUBTOTAL	11,206,382	2,423,346	21.6	3,590,402	32.0	1,897,824	16.9	837,523	7.5
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	9,660,874	325,646	3.4	948,076	9.8	2,444,273	25.3	673,866	7.0
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	12,770,474	886,278	6.9	917,675	7.2	1,480,157	11.6	816,920	6.4
<u>Junior Colleges:</u>									
SUBTOTAL	292,723	17,764	6.1	13,362	4.6	30,996	10.6	14,796	5.1
GRAND TOTAL	66,294,409	5,344,439	8.1	9,839,154	14.8	12,320,225	18.6	4,626,836	7.0

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
<u>Research Univ. I:</u>												
1,360,494	20.9	487,651	7.5	369,300	5.7	15,580	0.2	1,141,076	17.6	96,311	1.5	NC State
56,308	20.7	7,506	2.8	10,038	3.7	63,307	23.3	179	0.1	703	0.3	NC State Vet.
648,743	12.6	593,661	11.5	314,363	6.1	18,152	0.4	1,173,835	22.8	100,486	2.0	UNC-Chapel Hill
76,913	4.6	38,747	2.3	34,967	2.1	102,228	6.1	-	-	155,302	9.3	UNC-Health Aff.
2,142,458	15.8	1,127,565	8.3	728,668	5.4	199,267	1.5	2,315,090	17.0	352,802	2.6	SUBTOTAL
<u>Doctoral Univ. I/II:</u>												
285,527	11.6	258,936	10.5	111,948	4.5	5,975	0.2	717,797	29.2	13,998	0.6	East Carolina
30,104	5.3	6,004	1.1	44,817	7.9	93,969	16.6	-	-	1,197	0.2	ECU-Health Aff.
165,506	8.5	289,990	14.9	89,755	4.6	8,985	0.5	546,167	28.1	16,347	0.8	UNC-Greensboro
<u>Master's (Comp.) Univ./Colleges I:</u>												
481,137	9.7	554,930	11.2	246,520	5.0	108,929	2.2	1,263,964	25.4	31,542	0.6	SUBTOTAL
174,108	8.2	341,797	16.0	90,347	4.2	11,785	0.6	699,933	32.8	20,261	0.9	Appalachian
83,953	12.1	84,036	12.1	27,115	3.9	3,891	0.6	172,338	24.9	36,023	5.2	Fayetteville
198,312	12.5	174,863	11.0	30,689	1.9	6,148	0.4	355,311	22.4	41,150	2.6	NC A & T
116,337	11.5	106,840	10.5	28,635	2.8	4,727	0.5	259,723	25.6	7,825	0.8	NC Central
134,943	7.1	317,028	16.6	24,805	1.3	4,831	0.3	580,944	30.4	32,393	1.7	UNC-Charlotte
65,611	12.7	88,268	17.1	15,402	3.0	3,019	0.6	112,326	21.8	-	-	UNC-Pembroke
98,902	8.6	124,734	10.9	41,575	3.6	1,373	0.1	330,955	28.9	11,797	1.0	UNC-Wilmington
146,106	9.2	258,528	16.3	69,774	4.4	3,958	0.2	504,492	31.7	30,633	1.9	West'n Carolina
1,018,272	9.6	1,496,094	14.1	328,342	3.1	39,732	0.4	3,016,022	28.5	180,082	1.7	SUBTOTAL
<u>Bacc. (L. Arts) Univ./Coll. I/II:</u>												
64,852	11.0	94,670	16.1	15,709	2.7	4,862	0.8	181,888	30.9	-	-	Elizabeth City
79,556	13.6	74,779	12.8	18,200	3.1	1,177	0.2	134,821	23.0	8,485	1.5	UNC-Asheville
58,469	8.5	109,000	15.8	26,416	3.8	2,500	0.4	157,074	22.8	49,562	7.2	Winston-Salem
202,877	10.9	278,449	15.0	60,325	3.2	8,539	0.5	473,783	25.4	58,047	3.1	SUBTOTAL
<u>Schools of Art, Music, and Design:</u>												
14,911	3.3	81,574	17.8	14,873	3.2	1,814	0.4	92,288	20.2	20,819	4.5	NC Sch. of Arts
<u>Teaching Hospitals:</u>												
3,005	0.3	21,460	2.4	81,516	9.2	457,385	51.5	3,879	0.4	45,246	5.1	UNC Hosp. at C. Hill
<u>Community Colleges:</u>												
554,722	5.0	1,206,230	10.8	524,112	4.7	1,904	<0.1	11,322	0.1	158,997	1.4	SUBTOTAL
PRIVATE INSTITUTIONS												
<u>Major Research Universities:</u>												
533,869	5.5	950,765	9.8	559,773	5.8	1,320,271	13.7	1,644,005	17.0	260,330	2.7	SUBTOTAL
<u>Gen. Baccalaureate Colleges:</u>												
1,379,234	10.8	2,128,220	16.7	436,305	3.4	42,175	0.3	4,441,771	34.8	241,739	1.9	SUBTOTAL
<u>Junior Colleges:</u>												
20,176	6.9	67,734	23.1	4,670	1.6	3,504	1.2	90,482	30.9	29,239	10.0	SUBTOTAL
6,350,661	9.6	7,913,021	11.9	2,985,104	4.5	2,183,520	3.3	13,352,606	20.1	1,378,843	2.1	GRAND TOTAL



Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	177,920	40,354	22.7	75,781	42.6	29,287	16.5	8,014	4.5
Anson CC	64,730	13,233	20.4	20,059	31.0	13,919	21.5	6,170	9.5
Ashev'le-Bun. TCC	332,323	69,087	20.8	125,033	37.6	53,354	16.1	19,790	6.0
Beaufort Co. CC	130,749	24,805	19.0	42,176	32.3	29,318	22.4	9,194	7.0
Bladen CC	100,838	16,299	16.2	34,148	33.9	15,823	15.7	5,114	5.1
Blue Ridge CC	228,111	48,854	21.4	82,176	36.0	28,921	12.7	14,137	6.2
Brunswick CC	153,628	30,835	20.1	36,790	23.9	26,018	16.9	7,996	5.2
Caldwell CC & TI	250,998	46,712	18.6	80,248	32.0	36,606	14.6	17,263	6.9
Cape Fear CC	228,579	53,821	23.5	89,022	38.9	47,165	20.6	13,067	5.7
Carteret CC	117,342	20,814	17.7	35,673	30.4	14,632	12.5	6,593	5.6
Catawba Vy. CC	279,346	50,016	17.9	104,865	37.5	40,373	14.5	15,702	5.6
C. Carolina CC	220,898	48,762	22.1	80,544	36.5	32,573	14.7	13,473	6.1
C. Piedmont CC	706,496	175,913	24.9	208,543	29.5	133,065	18.8	56,848	8.0
Cleveland CC	136,791	21,575	15.8	45,034	32.9	18,440	13.5	15,613	11.4
Coastal Car. CC	196,029	45,806	23.4	73,741	37.6	36,003	18.4	15,190	7.7
Col. Albemarle	135,368	24,229	17.9	32,703	24.2	25,054	18.5	18,675	13.8
Craven CC	109,430	29,847	27.3	37,985	34.7	15,831	14.5	15,145	13.8
Davidson Co. CC	230,316	52,387	22.7	74,907	32.5	43,517	18.9	17,795	7.7
Durham TCC	236,755	56,348	23.8	73,472	31.0	46,501	19.6	13,397	5.7
Edgecombe CC	125,762	28,562	22.7	37,373	29.7	19,397	15.4	11,000	8.7
Fayettev'le TCC	441,579	113,771	25.8	134,333	30.4	74,892	17.0	21,048	4.8
Forsyth TCC	397,959	99,143	24.9	138,373	34.8	77,062	19.4	20,958	5.3
Gaston Col.	270,840	59,918	22.1	99,108	36.6	39,342	14.5	24,138	8.9
Guilford TCC	564,572	152,692	27.0	193,136	34.2	102,209	18.1	32,713	5.8
Halifax CC	124,036	27,339	22.0	37,458	30.2	22,893	18.5	10,691	8.6
Haywood CC	221,306	24,206	10.9	90,534	40.9	28,971	13.1	6,490	2.9
Isothermal CC	169,036	26,271	15.5	62,153	36.8	20,858	12.3	11,793	7.0
J. Sprunt CC	107,551	23,886	22.2	25,326	23.5	28,497	26.5	11,670	10.9
Johnston CC	194,067	39,690	20.5	56,527	29.1	21,778	11.2	10,579	5.5
Lenoir CC	239,555	64,625	27.0	50,513	21.1	37,736	15.8	15,255	6.4
Martin CC	172,224	16,819	9.8	45,234	26.3	18,602	10.8	12,823	7.4
Mayland CC	86,371	22,770	26.4	17,102	19.8	16,114	18.7	9,611	11.1
McDowell TCC	85,160	13,332	15.7	31,511	37.0	15,702	18.4	5,186	6.1
Mitchell CC	185,141	42,653	23.0	39,842	21.5	27,981	15.1	13,351	7.2
Montgomery CC	80,749	13,026	16.1	28,668	35.5	13,468	16.7	9,186	11.4
Nash CC	109,223	27,545	25.2	39,936	36.6	17,340	15.9	12,620	11.6
Pamlico CC	28,395	5,073	17.9	9,166	32.3	5,367	18.9	4,549	16.0
Piedmont CC	110,412	21,123	19.1	38,051	34.5	17,689	16.0	8,205	7.4
Pitt CC	187,535	41,241	22.0	63,908	34.1	46,197	24.6	19,667	10.5
Randolph CC	186,134	40,243	21.6	78,476	42.2	30,846	16.6	10,095	5.4
Richmond CC	112,109	22,040	19.7	32,956	29.4	24,008	21.4	10,952	9.8
Roanoke-Cho. CC	99,803	11,356	11.4	45,523	45.6	13,124	13.1	9,492	9.5
Robeson CC	140,387	27,165	19.4	42,758	30.5	25,223	18.0	11,650	8.3
Rockingham CC	221,001	39,843	18.0	63,982	29.0	30,575	13.8	15,468	7.0
Rowan-Cab. CC	209,394	49,426	23.6	74,735	35.7	30,299	14.5	17,720	8.5
Sampson CC	110,000	31,394	28.5	19,759	18.0	24,775	22.5	11,242	10.2
Sandhills CC	229,219	57,661	25.2	53,456	23.3	42,419	18.5	20,009	8.7
Southeastern CC	145,456	38,315	26.3	39,153	26.9	25,840	17.8	13,239	9.1
Southwestern CC	167,334	37,398	22.3	46,162	27.6	31,068	18.6	12,299	7.3
Stanly CC	107,006	24,975	23.3	33,488	31.3	25,717	24.0	7,372	6.9
Surry CC	180,336	36,879	20.5	58,566	32.5	31,007	17.2	16,145	9.0
Tri-County CC	91,764	28,870	31.5	27,362	29.8	10,433	11.4	6,482	7.1
Vance-Granv. CC	171,811	34,790	20.2	61,203	35.6	29,770	17.3	11,058	6.4
Wake TCC	349,313	68,165	19.5	85,035	24.3	57,421	16.4	35,989	10.3
Wayne CC	214,270	38,646	18.0	79,924	37.3	38,165	17.8	21,315	9.9
W. Piedmont CC	161,099	39,119	24.3	47,310	29.4	32,488	20.2	17,122	10.6
Wilkes CC	244,993	39,078	16.0	60,479	24.7	36,382	14.9	18,715	7.6
Wilson TCC	126,833	24,601	19.4	48,923	38.6	19,769	15.6	10,450	8.2
TOTAL	11,206,382	2,423,346	21.6	3,590,402	32.0	1,897,824	16.9	837,523	7.5

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
<u>Community Colleges:</u>												
6,886	3.9	11,171	6.3	5,723	3.2	-	-	627	0.4	77	<0.1	Alamance CC
560	0.9	4,716	7.3	2,295	3.5	-	-	-	-	3,778	5.8	Anson CC
29,141	8.8	18,973	5.7	11,914	3.6	-	-	-	-	5,031	1.5	Ashv'le-Bun. TCC
400	0.3	14,858	11.4	9,648	7.4	-	-	-	-	350	0.3	Beaufort Co. CC
-	-	14,134	14.0	11,141	11.0	-	-	-	-	4,179	4.1	Bladen CC
6,496	2.8	21,017	9.2	15,692	6.9	-	-	-	-	10,818	4.7	Blue Ridge CC
1,462	1.0	38,437	25.0	6,306	4.1	112	0.1	-	-	5,672	3.7	Brunswick CC
16,454	6.6	38,183	15.2	15,462	6.2	-	-	-	-	70	<0.1	Caldwell CC & TI
1,333	0.6	8,869	3.9	3,304	1.4	-	-	277	0.1	11,721	5.1	Cape Fear CC
8,943	7.6	10,936	9.3	19,118	16.3	-	-	-	-	633	0.5	Carteret CC
36,825	13.2	17,757	6.4	3,004	1.1	-	-	-	-	10,804	3.9	Catawba Vy. CC
11,465	5.2	30,630	13.9	2,137	1.0	-	-	-	-	1,314	0.6	C. Carolina CC
33,522	4.7	59,249	8.4	26,102	3.7	-	-	-	-	13,254	1.9	C. Piedmont CC
11,377	8.3	14,952	10.9	9,568	7.0	-	-	-	-	232	0.2	Cleveland CC
4,032	2.1	15,500	7.9	5,597	2.9	-	-	-	-	160	0.1	Coastal Car. CC
159	0.1	26,120	19.3	8,428	6.2	-	-	-	-	-	-	Col. Albemarle
1,797	1.6	7,487	6.8	1,338	1.2	-	-	-	-	-	-	Craven CC
15,364	6.7	15,665	6.8	10,681	4.6	-	-	-	-	-	-	Davidson Co. CC
2,129	0.9	18,150	7.7	19,944	8.4	-	-	-	-	6,814	2.9	Durham TCC
1,346	1.1	13,991	11.1	8,298	6.6	-	-	-	-	5,795	4.6	Edgecombe CC
19,570	4.4	36,770	8.3	26,985	6.1	378	0.1	-	-	13,832	3.1	Fayettev'le TCC
15,972	4.0	35,727	9.0	10,724	2.7	-	-	-	-	-	-	Forsyth TCC
8,151	3.0	29,483	10.9	9,952	3.7	748	0.3	-	-	-	-	Gaston Col.
9,223	1.6	49,273	8.7	18,774	3.3	-	-	3,124	0.6	3,428	0.6	Guilford TCC
4,975	4.0	10,221	8.2	9,235	7.4	-	-	-	-	1,224	1.0	Halifax CC
27,459	12.4	32,282	14.6	9,425	4.3	-	-	233	0.1	1,706	0.8	Haywood CC
25,791	15.3	14,134	8.4	8,036	4.8	-	-	-	-	-	-	Isothermal CC
4,468	4.2	9,620	8.9	4,084	3.8	-	-	-	-	-	-	J. Sprunt CC
10,469	5.4	30,202	15.6	22,106	11.4	-	-	1,513	0.8	1,203	0.6	Johnston CC
24,815	10.4	32,141	13.4	10,726	4.5	-	-	-	-	3,750	1.6	Lenoir CC
4,740	2.8	59,396	34.5	5,390	3.1	-	-	-	-	9,220	5.4	Martin CC
6,248	7.2	9,798	11.3	3,445	4.0	-	-	-	-	1,283	1.5	Mayland CC
1,514	1.8	11,072	13.0	4,511	5.3	-	-	-	-	2,332	2.7	McDowell TCC
16,406	8.9	28,992	15.7	11,980	6.5	-	-	-	-	3,936	2.1	Mitchell CC
2,120	2.6	8,827	10.9	5,454	6.8	-	-	-	-	-	-	Montgomery CC
-	-	3,569	3.3	8,213	7.5	-	-	-	-	-	-	Nash CC
140	0.5	1,973	6.9	2,127	7.5	-	-	-	-	-	-	Pamlico CC
8,814	8.0	12,779	11.6	3,751	3.4	-	-	-	-	-	-	Piedmont CC
5,664	3.0	7,253	3.9	3,605	1.9	-	-	-	-	-	-	Pitt CC
4,326	2.3	13,839	7.4	8,309	4.5	-	-	-	-	-	-	Randolph CC
4,082	3.6	10,000	8.9	7,971	7.1	100	0.1	-	-	-	-	Richmond CC
1,087	1.1	10,014	10.0	5,568	5.6	-	-	-	-	3,639	3.6	Roanoke-Cho. CC
2,734	1.9	24,555	17.5	6,302	4.5	-	-	-	-	-	-	Robeson CC
36,410	16.5	25,301	11.4	9,092	4.1	-	-	-	-	330	0.1	Rockingham CC
4,267	2.0	19,845	9.5	3,111	1.5	-	-	-	-	9,991	4.8	Rowan-Cab. CC
3,927	3.6	10,003	9.1	3,040	2.8	-	-	-	-	5,860	5.3	Sampson CC
12,264	5.4	30,231	13.2	7,631	3.3	-	-	5,548	2.4	-	-	Sandhills CC
11,378	7.8	10,797	7.4	5,784	4.0	-	-	-	-	950	0.7	Southeastern CC
8,352	5.0	24,825	14.8	7,230	4.3	-	-	-	-	-	-	Southwestern CC
1,644	1.5	11,904	11.1	1,906	1.8	-	-	-	-	-	-	Stanly CC
17,706	9.8	14,941	8.3	5,092	2.8	-	-	-	-	-	-	Surry CC
-	-	10,600	11.6	8,017	8.7	-	-	-	-	-	-	Tri-County CC
1,351	0.8	27,534	16.0	5,989	3.5	-	-	-	-	116	0.1	Vance-Granv. CC
21,489	6.2	48,542	13.9	18,511	5.3	328	0.1	-	-	13,833	4.0	Wake TCC
4,499	2.1	17,302	8.1	14,288	6.7	131	0.1	-	-	-	-	Wayne CC
5,100	3.2	13,560	8.4	6,400	4.0	-	-	-	-	-	-	W. Piedmont CC
26,986	11.0	45,292	18.5	16,399	6.7	-	-	-	-	1,662	0.7	Wilkes CC
890	0.7	12,838	10.1	9,255	7.3	107	0.1	-	-	-	-	Wilson TCC
554,722	5.0	1,206,230	10.8	524,112	4.7	1,904	<0.1	11,322	0.1	158,997	1.4	TOTAL

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:

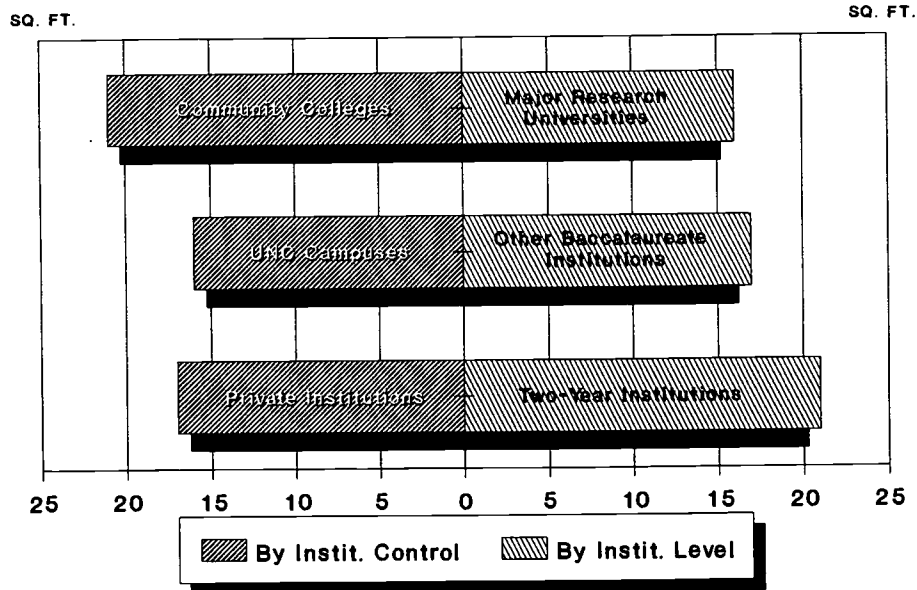
Assignable Square Feet Per Station Criteria

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

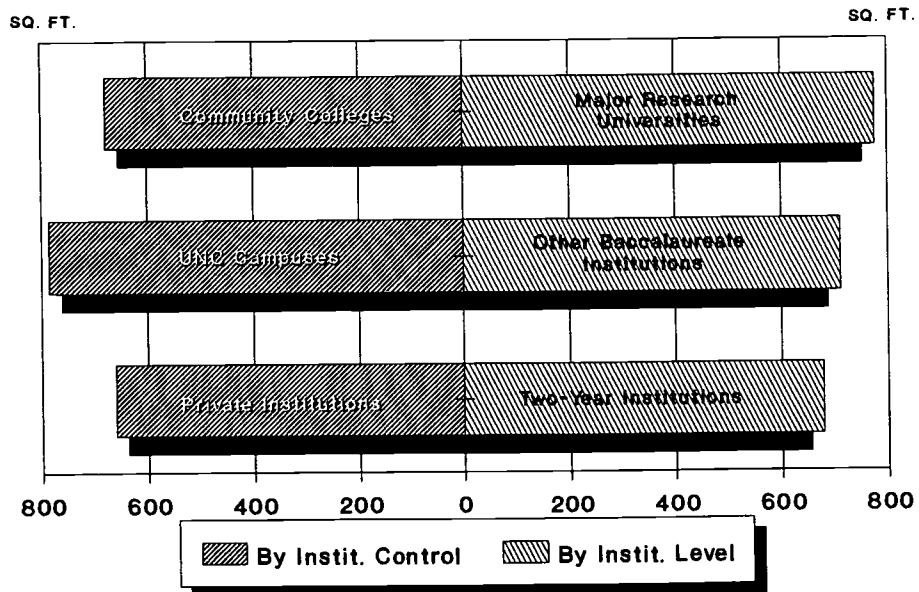
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



BEST COPY AVAILABLE

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Research Universities I:</u>									
NC State	237	13,743	58	198,535	14	15	14	14	14
NC State Vet.	5	416	83	7,245	17	17	17	17	17
UNC-Chapel Hill	234	12,280	52	197,617	16	16	15	15	15
UNC-Health Aff.	70	3,671	52	49,942	14	13	14	14	14
SUBTOTAL	546	30,110	55	453,339	15	15	15	15	15
<u>Doctoral Universities I and II:</u>									
East Carolina	202	10,008	50	161,590	16	16	17	17	17
ECU-Health Aff.	35	1,831	52	29,091	16	18	17	17	17
UNC-Greensboro	126	6,964	55	117,465	17	17	17	17	17
SUBTOTAL	363	18,803	52	308,146	16	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>									
Appalachian	209	8,504	41	160,846	19	19	18	18	18
Fayetteville	75	2,876	38	53,268	19	18	18	18	17
NC A & T	146	6,260	43	95,543	15	16	16	16	15
NC Central	115	5,604	49	87,159	16	16	16	16	16
UNC-Charlotte	123	7,166	58	101,685	14	14	14	14	14
UNC-Pembroke	72	2,864	40	48,115	17	17	16	16	16
UNC-Wilmington	88	4,838	55	73,462	15	15	15	16	15
West'n Carolina	111	4,822	43	87,141	18	19	18	19	18
SUBTOTAL	939	42,934	46	707,219	16	16	16	17	16
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>									
Elizabeth City	58	2,533	44	40,507	16	16	16	16	16
UNC-Asheville	51	1,871	37	38,188	20	21	19	18	18
Winston-Salem	65	3,049	47	47,777	16	16	16	17	17
SUBTOTAL	174	7,453	43	126,472	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>									
NC Sch. of Arts	35	860	25	18,996	22	22	22	22	22
<u>Teaching Hospitals:</u>									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
<u>Community Colleges:</u>									
SUBTOTAL	3,455	109,273	32	2,342,682	21	21	21	20	20
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	442	18,455	42	314,510	17	17	16	16	15
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	1,326	50,776	38	855,246	17	17	17	17	16
<u>Junior Colleges:</u>									
SUBTOTAL	28	944	34	17,764	19	19	20	19	19
GRAND TOTAL	7,308	279,608	38	5,144,374	18	18	18	18	18

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Community Colleges:</u>									
Alamance CC	53	1,963	37	38,616	20	20	19	18	18
Anson CC	20	494	25	13,054	26	21	21	23	23
Ashev'le-Bun. TCC	99	2,893	29	66,934	23	24	23	23	23
Beaufort Co. CC	38	991	26	23,664	24	24	21	21	21
Bladen CC	28	727	26	15,320	21	20	22	21	19
Blue Ridge CC	58	1,592	27	45,247	28	27	25	24	24
Brunswick CC	47	1,470	31	29,384	20	19	19	20	19
Caldwell CC & TI	71	1,940	27	45,641	24	23	23	23	20
Cape Fear CC	64	1,870	29	52,058	28	23	24	26	22
Carteret CC	38	1,033	27	20,211	20	19	18	18	18
Catawba Vy. CC	72	1,932	27	48,469	25	25	23	23	23
C. Carolina CC	77	2,367	31	48,366	20	21	20	21	21
C. Piedmont CC	254	9,122	36	171,219	19	18	17	17	17
Cleveland CC	34	1,120	33	20,768	19	18	18	18	18
Coastal Car. CC	71	2,094	29	45,048	22	22	22	21	21
Col. Albemarle	44	1,418	32	24,184	17	17	16	17	16
Craven CC	47	1,556	33	29,365	19	19	19	19	19
Davidson Co. CC	72	2,512	35	50,015	20	20	18	18	18
Durham TCC	80	2,616	33	55,084	21	20	20	20	20
Edgecombe CC	54	1,352	25	27,977	21	21	21	21	20
Fayettev'le TCC	154	5,648	37	109,823	19	19	21	21	21
Forsyth TCC	138	4,424	32	95,362	22	20	20	20	20
Gaston Col.	83	2,944	35	59,196	20	20	19	19	18
Guilford TCC	208	6,012	29	144,315	24	23	22	20	20
Halifax CC	38	1,172	31	27,037	23	23	23	21	20
Haywood CC	39	1,082	28	23,659	22	22	23	22	22
Isothermal CC	41	1,213	30	25,743	21	21	21	22	22
J. Sprunt CC	41	964	24	23,526	24	23	23	24	25
Johnston CC	55	1,979	36	35,403	18	16	16	16	16
Lenoir CC	90	2,290	25	62,385	27	25	24	22	22

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Community Colleges:</u>									
Martin CC	22	634	29	16,174	26	25	25	20	20
Mayland CC	35	854	24	22,153	26	24	24	24	24
McDowell TCC	23	509	22	12,069	24	24	20	21	21
Mitchell CC	60	1,917	32	41,563	22	21	22	22	22
Montgomery CC	18	620	34	12,451	20	22	21	20	21
Nash CC	34	1,092	32	25,668	24	23	24	22	22
Pamlico CC	8	216	27	5,073	23	23	25	25	23
Piedmont CC	34	801	24	19,745	25	23	23	23	23
Pitt CC	55	1,878	34	39,181	21	21	20	20	20
Randolph CC	52	1,327	26	38,305	29	28	29	30	29
Richmond CC	40	1,119	28	21,768	19	20	20	20	20
Roanoke-Cho. CC	20	565	28	11,263	20	20	20	20	20
Robeson CC	37	1,243	34	25,603	21	21	21	22	22
Rockingham CC	49	1,807	37	37,285	21	21	21	21	21
Rowan-Cab. CC	73	2,485	34	48,887	20	19	19	18	18
Sampson CC	40	1,363	34	30,101	22	21	21	21	22
Sandhills CC	78	2,878	37	55,984	19	18	18	18	18
Southeastern CC	46	2,091	45	37,147	18	17	17	17	17
Southwestern CC	49	1,201	25	36,668	31	27	26	26	26
Stanly CC	45	1,511	34	23,895	16	16	18	18	17
Surry CC	44	1,531	35	36,074	24	23	23	21	22
Tri-County CC	37	1,268	34	28,102	22	29	29	23	23
Vance-Granv. CC	48	1,481	31	34,194	23	23	23	23	21
Wake TCC	95	3,312	35	67,656	20	20	20	20	20
Wayne CC	60	1,911	32	38,088	20	20	20	19	19
W. Piedmont CC	46	1,672	36	38,336	23	24	22	22	22
Wilkes CC	63	2,157	34	37,704	17	17	17	17	18
Wilson TCC	36	1,040	29	24,472	24	23	23	24	24
TOTAL	3,455	109,273	32	2,342,682	21	21	21	20	20

TABLE 17:

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

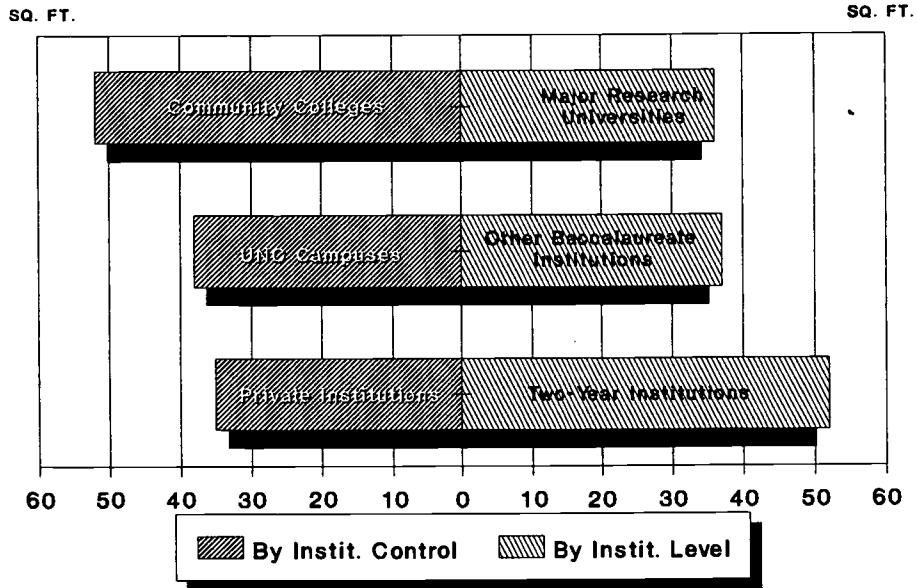
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general,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

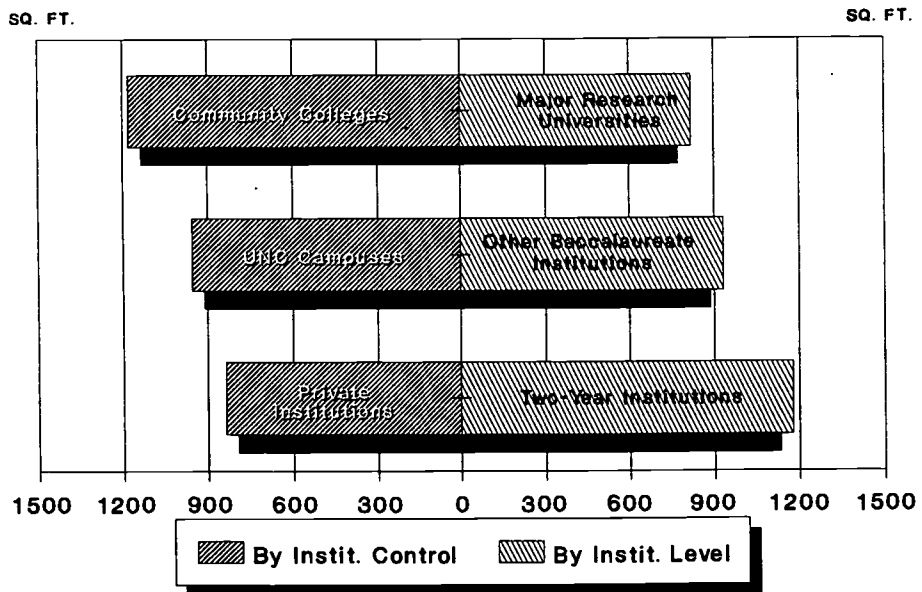
Highly Intensive - 108 ASF	(Includes Engineering (including Textiles), Applied Design, Dance, and Dramatic Arts).
Intensive - 70 ASF	(Includes Agriculture, Architecture, Biological Sciences, Health Professions, Library Science, and Physical Sciences).
Moderately Intensive - 50 ASF	(Includes Communications, 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

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Research Universities I:</u>									
NC State	126	3,115	25	112,812	36	40	43	44	46
NC State Vet.	-	-	-	-	-	-	72	72	58
UNC-Chapel Hill	70	2,218	32	76,145	34	39	34	34	34
UNC-Health Aff.	76	1,524	20	61,161	40	40	43	43	42
SUBTOTAL	272	6,857	25	250,118	36	40	42	42	42
<u>Doctoral Universities I and II:</u>									
East Carolina	129	3,343	26	125,267	37	39	40	40	39
ECU-Health Aff.	42	369	9	22,620	61	61	65	65	65
UNC-Greensboro	57	1,603	28	67,795	42	42	40	40	41
SUBTOTAL	228	5,315	23	215,682	41	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>									
Appalachian	111	2,588	23	107,731	42	41	41	39	39
Fayetteville	31	839	27	36,540	44	44	30	30	29
NC A & T	83	2,208	27	74,967	34	33	33	33	33
NC Central	45	1,294	29	39,476	31	31	34	34	34
UNC-Charlotte	103	2,485	24	95,236	38	33	31	30	31
UNC-Pembroke	30	706	24	22,737	32	31	31	31	31
UNC-Wilmington	54	1,335	25	50,288	38	37	42	37	37
West'n Carolina	56	1,393	25	60,151	43	39	37	35	39
SUBTOTAL	513	12,848	25	487,126	38	37	37	35	36
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>									
Elizabeth City	39	1,156	30	41,199	36	36	36	36	36
UNC-Asheville	33	817	25	30,458	37	32	33	33	33
Winston-Salem	30	845	28	22,995	27	27	28	29	29
SUBTOTAL	102	2,818	28	94,652	34	32	33	33	33

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>									
NC Sch. of Arts	45	1,239	28	59,541	48	48	62	65	67
<u>Teaching Hospitals:</u>									
UNC Hosp. at C. H.	-	-	-	-	-	-	-	-	-
<u>Community Colleges:</u>									
SUBTOTAL	2,459	55,813	23	2,896,335	52	53	52	52	53
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	168	3,182	19	110,845	35	35	37	36	39
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	628	15,766	25	555,545	35	34	34	34	34
<u>Junior Colleges:</u>									
SUBTOTAL	9	212	24	9,178	43	43	41	39	36
GRAND TOTAL	4,424	104,050	24	4,679,022	45	45	45	45	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Community Colleges:</u>									
Alamance CC	49	1,256	26	56,115	45	45	44	43	43
Anson CC	23	508	22	19,041	37	41	41	50	50
Ashev'le-Bun. TCC	65	1,387	21	93,874	68	70	70	70	71
Beaufort Co. CC	34	771	23	39,732	52	52	52	53	55
Bladen CC	22	472	21	28,400	60	55	69	60	58
Blue Ridge CC	37	750	20	73,833	98	98	99	-	96
Brunswick CC	25	541	22	29,596	55	57	60	59	58
Caldwell CC & TI	68	1,292	19	69,412	54	66	71	72	70
Cape Fear CC	52	1,133	22	73,121	65	60	56	56	57
Carteret CC	29	662	23	30,948	47	46	40	42	42
Catawba Vy. CC	66	1,406	21	83,536	59	59	59	59	59
C. Carolina CC	67	1,654	25	65,896	40	41	44	47	47
C. Piedmont CC	143	3,162	22	169,860	54	56	56	55	55
Cleveland CC	44	949	22	38,994	41	41	41	40	41
Coastal Car. CC	50	1,270	25	60,484	48	49	48	52	55
Col. Albemarle	26	573	22	28,841	50	52	51	54	50
Craven CC	27	745	28	27,042	36	36	36	36	36
Davidson Co. CC	56	1,297	23	59,988	46	46	42	44	46
Durham TCC	54	1,242	23	63,631	51	52	54	54	54
Edgecombe CC	38	695	18	35,645	51	55	55	55	56
Fayettev'le TCC	94	2,541	27	108,039	43	41	46	45	46
Forsyth TCC	82	1,921	23	108,911	57	58	60	60	62
Gaston Col.	40	1,032	26	57,277	56	56	54	55	52
Guilford TCC	114	2,393	21	142,805	60	63	61	58	59
Halifax CC	24	506	21	30,349	60	60	55	45	43
Haywood CC	43	886	21	61,828	70	76	55	56	56
Isothermal CC	38	957	25	44,896	47	49	49	49	49
J. Sprunt CC	26	559	22	22,330	40	44	45	48	48
Johnston CC	41	1,054	26	46,814	44	42	41	41	41
Lenoir CC	37	745	20	42,220	57	57	50	50	52

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1998	1997	1996	1995	1994
<u>Community Colleges:</u>									
Martin CC	33	901	27	42,154	47	51	51	57	57
Mayland CC	11	250	23	12,802	51	56	54	56	56
McDowell TCC	22	558	25	28,096	50	52	49	49	49
Mitchell CC	33	732	22	34,727	47	47	47	45	50
Montgomery CC	27	595	22	26,541	45	49	51	53	54
Nash CC	25	478	19	31,139	65	67	63	58	70
Pamlico CC	8	152	19	7,844	52	52	59	59	85
Piedmont CC	26	564	22	30,336	54	57	57	57	55
Pitt CC	54	983	18	52,827	54	54	54	54	54
Randolph CC	48	949	20	62,796	66	67	67	66	64
Richmond CC	21	456	22	28,197	62	67	69	69	69
Roanoke-Cho. CC	16	383	24	19,369	51	51	52	50	50
Robeson CC	33	1,011	31	38,551	38	38	38	39	38
Rockingham CC	46	1,109	24	57,471	52	53	53	56	56
Rowan-Cab. CC	42	953	23	66,084	69	70	48	50	52
Sampson CC	16	337	21	16,960	50	52	64	64	66
Sandhills CC	42	1,047	25	45,136	43	44	44	44	44
Southeastern CC	40	870	22	32,716	38	37	37	35	34
Southwestern CC	35	662	19	37,472	57	54	53	53	54
Stanly CC	33	1,059	32	32,219	30	30	31	31	32
Surry CC	43	998	23	51,607	52	50	49	48	48
Tri-County CC	19	343	18	22,983	67	68	68	66	66
Vance-Granv. CC	47	1,243	26	53,708	43	43	43	44	45
Wake TCC	66	1,241	19	68,898	56	57	58	58	57
Wayne CC	49	1,217	25	59,339	49	49	49	51	51
W. Piedmont CC	33	728	22	35,950	49	49	49	50	50
Wilkes CC	42	980	23	46,044	47	47	47	47	47
Wilson TCC	35	655	19	40,911	62	63	62	58	59
TOTAL	2,459	55,813	23	2,896,335	52	53	52	52	53



Franklin County Campus, Vance-Granville Community College

After operating a satellite campus in the Franklin County Health Department since 1991, Vance-Granville Community College's development of the new Franklin County Campus has positioned the institution to meet the educational needs of Franklin County citizens well into the next century. A \$2 million appropriation by Franklin County and \$1.4 million in state bond money were secured to build the new facilities; the state later added \$450,000 to fill the \$3.85 million cost need.

The 28,000-square-foot main building, which houses primarily classrooms and laboratories, was occupied in August, 1998. A 7,000-square-foot vocational and shop building at the west end of the main building was completed shortly after fall classes began. The new campus also includes a modern child care facility.

Building Characteristics

Ownership of Buildings	139
Capital Investment in Buildings	142
Age of Buildings	152
Condition of Buildings	156
Estimated Cost to Renovate and Replace Unsatisfactory Facilities	161

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.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross		Institution Amortization Gross		Holding Co. Amortization Gross		Leased or Rented Gross		Nominal Rate		* Total Gross Sq. Ft.
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
	1		2		3		4		5		
Research Universities I:											
NC State	7,847,370	74.7	2,559,079	24.3	-	-	43,754	0.4	41,631	0.4	10,510,757
NC State Vet.	410,078	100.0	-	-	-	-	-	-	-	-	410,078
UNC-Chapel Hill	7,940,438	97.5	-	-	-	-	69,885	0.9	130,616	1.6	8,140,939
UNC-Health Aff.	3,248,954	82.0	522,938	13.2	-	-	190,336	4.8	-	-	3,962,228
SUBTOTAL	19,446,840	84.5	3,082,017	13.4	-	-	303,975	1.3	172,247	0.7	23,024,002
Doctoral Universities I and II:											
East Carolina	3,432,557	98.0	-	-	-	-	45,710	1.3	22,672	0.6	3,500,939
ECU-Health Aff.	738,156	85.8	-	-	-	-	90,137	10.5	32,368	3.8	860,661
UNC-Greensboro	3,558,161	99.1	-	-	-	-	25,475	0.7	7,400	0.2	3,591,036
SUBTOTAL	7,728,874	97.2	-	-	-	-	161,322	2.0	62,440	0.8	7,952,636
Master's (Comprehensive) Universities and Colleges I:											
Appalachian	1,771,572	53.6	1,524,165	46.1	-	-	7,010	0.2	-	-	3,302,747
Fayetteville	825,787	78.4	227,344	21.6	-	-	-	-	-	-	1,053,131
NC A & T	2,276,713	100.0	-	-	-	-	-	-	-	-	2,276,713
NC Central	1,538,435	99.8	-	-	-	-	-	-	-	-	1,541,557
UNC-Charlotte	2,425,134	65.0	1,304,312	35.0	-	-	-	-	3,122	0.2	3,729,446
UNC-Pembroke	760,767	100.0	-	-	-	-	-	-	-	-	760,767
UNC-Wilmington	1,096,669	64.9	592,191	35.0	-	-	-	-	-	-	1,690,428
West'n Carolina	1,608,889	68.3	746,441	31.7	-	-	608	<0.1	960	0.1	2,355,330
SUBTOTAL	12,303,966	73.6	4,394,453	26.3	-	-	7,618	<0.1	4,082	<0.1	16,710,119
Baccalaureate (Liberal Arts) Universities and Colleges I and II:											
Elizabeth City	707,041	83.9	135,876	16.1	-	-	-	-	-	-	842,917
UNC-Asheville	658,249	72.2	252,918	27.8	-	-	-	-	-	-	911,167
Winston-Salem	953,198	88.2	127,536	11.8	-	-	-	-	-	-	1,080,734
SUBTOTAL	2,318,488	81.8	516,330	18.2	-	-	-	-	-	-	2,834,818
Schools of Art, Music, and Design:											
NC Sch. of Arts	555,873	82.5	102,782	15.3	-	-	4,104	0.6	11,053	1.6	673,812
Teaching Hospitals:											
UNC Hosp. at C. Hill	1,507,956	95.9	-	-	-	-	57,815	3.7	-	-	1,572,492
Community Colleges:											
SUBTOTAL	15,551,863	94.6	108,588	0.7	20,382	0.1	378,984	2.3	350,407	2.1	16,442,406
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	16,717,498	87.1	284,233	1.5	-	-	27,494	0.1	-	-	19,185,952
Gen. Baccalaureate Colleges:											
SUBTOTAL	16,181,140	88.9	1,645,408	9.0	137,836	0.8	144,332	0.8	97,282	0.5	18,205,998
Junior Colleges:											
SUBTOTAL	252,160	58.5	130,978	30.4	48,038	11.1	-	-	-	-	431,176
GRAND TOTAL	92,564,658	86.5	10,260,000	9.6	206,256	0.2	1085644	1.0	697,511	0.7	107,033,411

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned		Institution Amortization Gross		Holding Co. Amortization Gross		Leased or Rented Gross		Nominal Rate		*	Total Gross Sq. Ft.
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%		
	1		2		3		4		5			
Community Colleges:												
Alamance CC	250,480	95.4	-	-	-	-	9,059	3.4	3,075	1.2	-	262,614
Anson CC	70,146	75.5	-	-	-	-	-	-	22,757	24.5	-	92,903
Asheville-Bun. TCC	474,002	96.3	-	-	-	-	-	-	18,000	3.7	-	492,002
Beaufort Co. CC	178,373	100.0	-	-	-	-	-	-	-	-	-	178,373
Bladen CC	129,205	98.1	-	-	-	-	2,520	1.9	-	-	-	131,725
Blue Ridge CC	305,595	100.0	-	-	-	-	-	-	-	-	-	305,595
Brunswick CC	226,320	100.0	-	-	-	-	-	-	-	-	-	226,320
Caldwell CC & TI	331,520	96.5	-	-	-	-	-	-	12,168	3.5	-	343,688
Cape Fear CC	245,212	74.4	-	-	-	-	6,501	2.0	77,807	23.6	-	329,520
Carteret CC	157,386	98.8	-	-	1,960	1.2	-	-	-	-	-	159,346
Catawba Vy. CC	325,920	82.7	63,788	16.2	-	-	-	-	4,600	1.2	-	394,308
C. Carolina CC	273,930	88.4	-	-	-	-	-	-	35,871	11.6	-	309,801
C. Piedmont CC	1,531,832	94.6	-	-	10,043	0.6	77,496	4.8	-	-	-	1,619,371
Cleveland CC	193,201	100.0	-	-	-	-	-	-	-	-	-	193,201
Coastal Car. CC	277,026	100.0	-	-	-	-	-	-	-	-	-	277,026
Col. Albemarle	163,580	79.7	-	-	-	-	2,100	1.0	39,600	19.3	-	205,280
Craven CC	144,415	92.2	-	-	-	-	11,307	7.2	864	0.6	-	156,586
Davidson Co. CC	339,729	100.0	-	-	-	-	-	-	-	-	-	339,729
Durham TCC	322,189	93.6	-	-	-	-	22,150	6.4	-	-	-	344,339
Edgecombe CC	184,044	100.0	-	-	-	-	-	-	-	-	-	184,044
Fayetteville TCC	630,400	100.0	-	-	-	-	-	-	-	-	-	630,400
Forsyth TCC	545,264	94.1	-	-	-	-	2,200	0.4	-	-	-	579,646
Gaston Col.	375,639	95.9	-	-	-	-	11,526	2.9	4,480	1.1	-	391,645
Guilford TCC	740,565	92.3	-	-	-	-	62,108	7.7	-	-	-	802,673
Halifax CC	175,421	100.0	-	-	-	-	-	-	-	-	-	175,421
Haywood CC	293,578	100.0	-	-	-	-	-	-	-	-	-	293,578
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	145,057	97.2	-	-	-	-	-	-	4,240	2.8	-	149,297
Johnston CC	246,580	94.3	-	-	-	-	-	-	14,954	5.7	-	261,534
Lenoir CC	288,190	88.7	-	-	-	-	3,414	1.1	33,282	10.2	-	324,886
Martin CC	229,431	100.0	-	-	-	-	-	-	-	-	-	229,431
Mayland CC	104,493	87.5	-	-	-	-	-	-	14,900	12.5	-	119,393
McDowell TCC	111,037	95.1	-	-	-	-	-	-	5,777	4.9	-	116,814
Mitchell CC	258,176	100.0	-	-	-	-	-	-	-	-	-	258,176
Montgomery CC	73,052	61.3	44,800	37.6	-	-	1,328	1.1	-	-	-	119,180
Nash CC	157,799	100.0	-	-	-	-	-	-	-	-	-	157,799
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	135,205	100.0	-	-	-	-	-	-	-	-	-	135,205
Pitt CC	271,933	100.0	-	-	-	-	-	-	-	-	-	271,933
Randolph CC	248,520	98.7	-	-	-	-	3,268	1.3	-	-	-	251,788
Richmond CC	156,639	100.0	-	-	-	-	-	-	-	-	-	156,639
Roanoke-Cho. CC	127,542	93.8	-	-	8,379	6.2	-	-	-	-	-	135,921
Robeson CC	188,638	100.0	-	-	-	-	-	-	-	-	-	188,638
Rockingham CC	311,927	100.0	-	-	-	-	-	-	-	-	-	311,927
Rowan-Cab. CC	258,877	95.8	-	-	-	-	4,213	1.6	7,014	2.6	-	270,104
Sampson CC	154,335	100.0	-	-	-	-	-	-	-	-	-	154,335
Sandhills CC	324,585	97.6	-	-	-	-	-	-	8,140	2.4	-	332,725
Southeastern CC	198,706	100.0	-	-	-	-	-	-	-	-	-	198,706
Southwestern CC	220,602	96.4	-	-	-	-	1,761	0.8	6,360	2.8	-	228,723
Stanly CC	109,044	71.2	-	-	-	-	42,337	27.6	1,848	1.2	-	153,229
Surry CC	254,926	100.0	-	-	-	-	-	-	-	-	-	254,926
Tri-County CC	117,065	100.0	-	-	-	-	-	-	-	-	-	117,065
Vance-Granv. CC	189,366	73.1	-	-	-	-	69,859	26.9	-	-	-	259,225
Wake TCC	477,629	89.8	-	-	-	-	22,260	4.2	32,150	6.0	-	532,039
Wayne CC	322,235	95.8	-	-	-	-	14,193	4.2	-	-	-	336,428
W. Piedmont CC	234,143	100.0	-	-	-	-	-	-	-	-	-	234,143
Wilkes CC	314,994	97.1	-	-	-	-	9,384	2.9	-	-	-	324,378
Wilson TCC	175,910	98.6	-	-	-	-	-	-	2,520	1.4	-	178,430
TOTAL	15,551,863	94.6	108,588	0.7	20,382	0.1	378,984	2.3	350,407	2.1	-	16,442,406

Category 6: None

Category 7: Forsyth Technical CC - 32,182 5.6%; UNC Hosp. at C.H. - 6,721 0.4%;

Category 8: N.C. State - 18,923 0.2%; Priv. Major Res. Univ. - 2,156,727 52.4%

TABLES 19 & 20:

CAPITAL INVESTMENT IN BUILDINGS

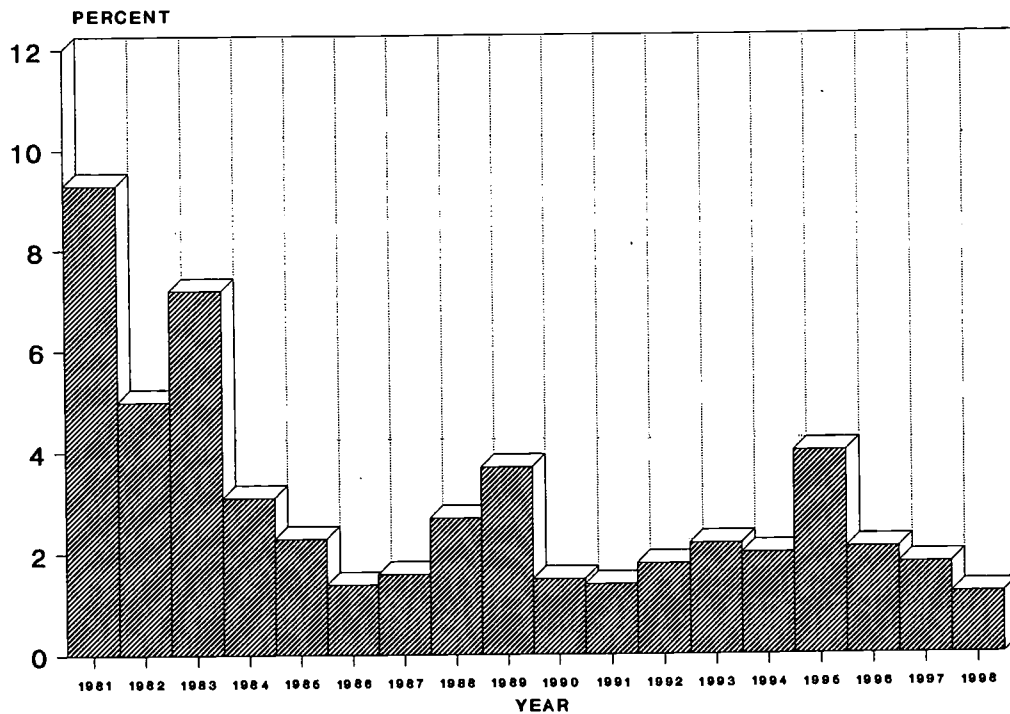
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

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. They reflect the increases in construction costs which have occurred since 1981. Relative increases over this period are portrayed in the graph.

<u>Year</u>	<u>Annual Increase</u>	<u>Year</u>	<u>Annual Increase</u>	<u>Year</u>	<u>Annual Increase</u>
1981	9.3%	1987	1.6%	1993	2.2%
1982	5.0%	1988	2.7%	1994	2.0%
1983	7.2%	1989	3.7%	1995	4.0%
1984	3.1%	1990	1.5%	1996	2.1%
1985	2.3%	1991	1.4%	1997	1.8%
1986	1.4%	1992	1.8%	1998	1.2%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) 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.

BEST COPY AVAILABLE

151

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Research Universities I:</u>				
NC State	934	\$ 313,999,228	\$ 907,376,408	8,678,906
NC State Vet.	41	24,773,991	65,430,025	410,078
UNC-Chapel Hill	188	358,077,074	926,749,684	6,231,308
UNC-Health Aff.	95	251,388,202	574,204,427	3,962,228
SUBTOTAL	1,258	948,238,495	2,473,760,544	19,282,520
<u>Doctoral Universities I and II:</u>				
East Carolina	98	118,575,621	256,184,286	2,465,602
ECU-Health Aff.	49	45,523,192	84,211,981	860,661
UNC-Greensboro	52	82,031,680	193,266,858	2,594,854
SUBTOTAL	199	246,130,493	533,663,125	5,921,117
<u>Master's (Comprehensive) Universities and Colleges I:</u>				
Appalachian	55	115,753,549	217,254,567	2,249,539
Fayetteville	37	39,013,286	71,903,696	766,177
NC A & T	88	63,080,938	158,682,434	1,727,468
NC Central	43	34,614,075	95,167,036	1,082,517
UNC-Charlotte	45	139,915,197	239,498,675	2,778,613
UNC-Pembroke	28	27,991,355	55,935,703	590,848
UNC-Wilmington	87	66,866,294	119,563,916	1,210,227
West'n Carolina	64	54,527,948	143,474,780	1,614,434
SUBTOTAL	447	541,762,642	1,101,480,807	12,019,823
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>				
Elizabeth City	35	22,939,887	53,802,126	559,995
UNC-Asheville	20	39,519,634	62,344,381	681,410
Winston-Salem	22	39,882,022	74,324,709	808,717
SUBTOTAL	77	102,341,543	190,471,216	2,050,122

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Schools of Art, Music, and Design:</u>				
NC Sch. of Arts	18	\$ 24,816,304	\$ 59,307,849	534,188
<u>Teaching Hospitals:</u>				
UNC Hosp. at C.H.	26	102,031,985	202,798,784	1,572,492
<u>Community Colleges:</u>				
SUBTOTAL	933	774,788,821	1,344,386,485	16,430,331
PRIVATE INSTITUTIONS				
<u>Major Research Universities:</u>				
SUBTOTAL	315	836,505,444	2,413,432,698	16,645,983
<u>Gen. Baccalaureate Colleges:</u>				
SUBTOTAL	819	367,997,612	1,018,602,099	11,442,894
<u>Junior Colleges:</u>				
SUBTOTAL	17	8,285,889	24,480,369	281,147
GRAND TOTAL	4,109	\$3,952,899,228	\$9,362,383,976	86,180,617

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges:</u>				
Alamance CC	12	\$ 14,333,403	\$ 26,901,983	261,942
Anson CC	7	4,893,270	8,435,225	92,903
Ashev'le-Bun. TCC	20	22,229,333	40,628,587	492,002
Beaufort Co. CC	9	7,963,608	13,476,933	178,373
Bladen CC	23	4,532,290	9,702,715	131,725
Blue Ridge CC	13	17,465,474	24,901,858	305,595
Brunswick CC	12	15,587,790	19,965,122	226,320
Caldwell CC & TI	17	20,956,946	34,121,992	343,688
Cape Fear CC	17	8,986,361	28,649,226	329,520
Carteret CC	13	6,632,372	15,013,106	159,346
Catawba Vy. CC	18	17,580,388	33,459,122	394,308
C. Carolina CC	19	14,161,272	28,008,158	309,801
C. Piedmont CC	44	58,740,492	110,227,759	1,619,371
Cleveland CC	11	9,031,801	15,976,343	193,201
Coastal Car. CC	14	15,747,357	26,277,504	277,026
Col. Albemarle	14	8,027,840	17,925,264	205,280
Craven CC	14	6,757,343	13,003,533	156,586
Davidson Co. CC	18	16,236,453	28,496,897	339,729
Durham TCC	14	60,140,909	28,254,378	344,339
Edgecombe CC	9	6,844,700	13,948,166	184,044
Fayettev'le TCC	24	27,182,681	45,954,280	630,400
Forsyth TCC	21	23,915,943	48,331,070	579,646
Gaston Col.	33	16,720,383	33,536,946	391,645
Guilford TCC	29	34,901,959	68,446,518	798,395
Halifax CC	10	8,062,352	11,737,643	175,421
Haywood CC	31	12,300,704	20,906,707	293,578
Isothermal CC	15	8,478,885	16,912,931	220,057
J. Sprunt CC	16	6,391,461	11,872,255	149,297
Johnston CC	13	13,557,116	20,870,388	259,754
Lenoir CC	23	12,401,757	24,845,577	324,886

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges:</u>				
Martin CC	12	4,891,455	11,935,514	229,431
Mayland CC	12	7,505,394	11,970,189	119,393
McDowell TCC	8	6,081,814	11,021,268	116,814
Mitchell CC	21	4,724,528	18,570,685	258,176
Montgomery CC	8	7,811,126	10,288,531	119,180
Nash CC	7	7,338,179	11,194,276	157,799
Pamlico CC	4	1,528,200	4,245,467	40,198
Piedmont CC	12	7,756,394	12,693,763	135,205
Pitt CC	26	15,460,042	24,588,453	271,933
Randolph CC	20	11,618,647	19,931,987	251,788
Richmond CC	9	4,984,574	12,773,946	156,639
Roanoke-Cho. CC	8	5,165,869	10,723,550	135,921
Robeson CC	16	9,331,650	15,836,828	188,638
Rockingham CC	16	12,296,785	25,058,981	311,927
Rowan-Cab. CC	9	10,304,599	22,051,672	270,104
Sampson CC	11	9,607,480	13,402,415	154,335
Sandhills CC	22	15,231,018	27,011,119	327,380
Southeastern CC	16	7,121,797	15,492,444	198,706
Southwestern CC	15	11,791,698	18,847,841	228,723
Stanly CC	10	5,836,000	15,376,887	153,229
Surry CC	14	10,944,149	19,537,375	254,926
Tri-County CC	17	4,255,653	9,440,803	117,065
Vance-Granv. CC	15	9,787,958	24,133,086	259,225
Wake TCC	22	25,312,913	42,760,631	532,039
Wayne CC	14	26,035,601	32,023,114	336,428
W. Piedmont CC	16	12,341,581	21,988,748	234,143
Wilkes CC	27	13,209,632	25,288,725	324,378
Wilson TCC	13	5,751,442	15,410,001	178,430
TOTAL	933	\$774,788,821	\$1,344,386,485	16,430,331

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Research Universities I:</u>				
NC State	86	\$ 30,178,825	\$ 239,094,492	1,831,851
NC State Vet.	-	-	-	-
UNC-Chapel Hill	42	27,163,065	213,130,992	1,909,631
UNC-Health Aff.	-	-	-	-
SUBTOTAL	128	57,341,890	452,225,484	3,741,482
<u>Doctoral Universities I and II:</u>				
East Carolina	17	14,142,200	82,129,541	1,035,337
ECU-Health Aff.	-	-	-	-
UNC-Greensboro	24	19,402,800	76,884,341	996,182
SUBTOTAL	41	33,545,000	159,013,882	2,031,519
<u>Master's (Comprehensive) Universities and Colleges I:</u>				
Appalachian	26	29,559,301	85,481,243	1,053,208
Fayetteville	10	7,117,600	23,104,733	286,954
NC A & T	20	6,047,836	43,471,475	549,245
NC Central	11	5,584,900	36,126,078	459,040
UNC-Charlotte	12	33,239,823	72,287,541	950,833
UNC-Pembroke	8	2,739,000	13,478,126	169,919
UNC-Wilmington	32	24,716,252	41,414,391	480,201
West'n Carolina	21	11,409,250	55,421,106	740,896
SUBTOTAL	140	120,413,962	370,784,693	4,690,296
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>				
Elizabeth City	25	8,110,419	22,894,052	282,922
UNC-Asheville	13	12,435,943	19,357,031	229,757
Winston-Salem	8	9,894,875	20,622,107	272,017
SUBTOTAL	46	30,441,237	62,873,190	784,696

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Schools of Art, Music and Design:</u>				
NC Sch. of Arts	15	\$ 3,508,000	\$ 10,745,988	139,624
<u>Teaching Hospitals:</u>				
UNC Hosp. at C.H.	-	-	-	-
<u>Community Colleges:</u>				
SUBTOTAL	4	178,000	970,880	12,075
PRIVATE INSTITUTIONS				
<u>Major Research Universities:</u>				
SUBTOTAL	138	72,441,548	471,023,654	2,539,969
<u>Gen. Baccalaureate Colleges:</u>				
SUBTOTAL	622	149,457,468	534,542,652	6,763,104
<u>Junior Colleges:</u>				
SUBTOTAL	8	1,956,900	12,751,625	150,029
GRAND TOTAL	1,142	\$469,284,005	\$2,074,932,048	20,852,794

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges:</u>				
Alamance CC	1	\$ 4,000	\$ 11,119	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	1	82,000	356,708	4,278
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	1	40,000	42,074	1,780
Lenoir CC	-	-	-	-

Capital Investment, Residential Buildings

Table 20

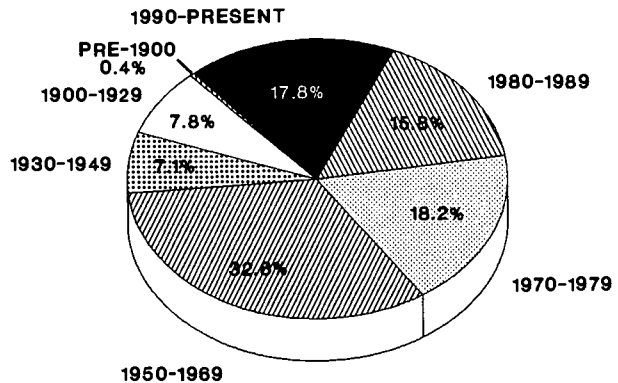
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges:</u>				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	560,979	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson TCC	-	-	-	-
TOTAL	4	\$ 178,000	\$ 970,880	12,075

TABLE 21:
AGE OF BUILDINGS

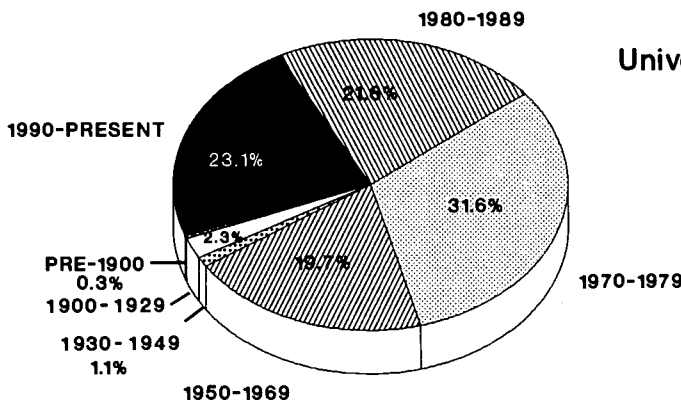
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

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).

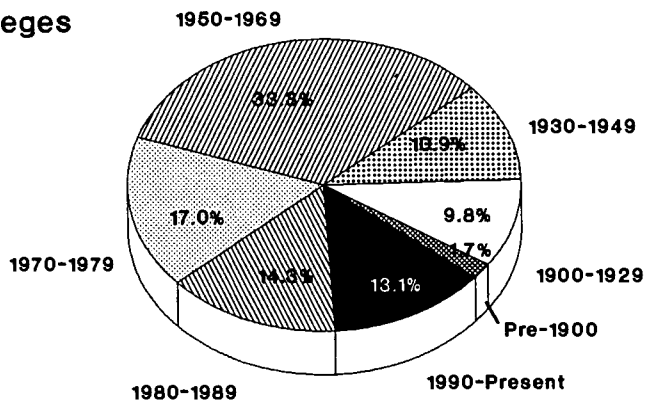
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



**University of North Carolina Campuses
and UNC Hospitals at Chapel Hill**



Community Colleges



Private Institutions

BEST COPY AVAILABLE

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction						
		Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-1989 Gross Sq. Ft.	1990-Present Gross Sq. Ft.
<u>Research Universities I:</u>								
NC State	10,510,757	68,968	959,460	1,220,229	3,618,315	1,669,783	1,093,415	1,880,587
NC State Vet.	410,078	-	-	28,559	7,626	3,509	359,092	11,292
UNC-Chapel Hill	8,140,939	123,808	1,557,873	854,588	2,465,073	588,542	1,434,785	1,116,270
UNC-Health Aff.	3,962,228	-	-	139,364	824,786	1,417,728	257,175	1,323,175
SUBTOTAL	23,024,002	192,776	2,517,333	2,242,740	6,915,800	3,679,562	3,144,467	4,331,324
<u>Doctoral Universities I and II:</u>								
East Carolina	3,500,939	-	330,082	181,348	1,821,783	539,593	270,145	357,988
ECU-Health Aff.	860,661	3,779	-	-	75,649	108,718	572,249	100,266
UNC-Greensboro	3,591,036	31,100	662,193	228,587	902,909	689,938	356,016	720,293
SUBTOTAL	7,952,636	34,879	992,275	409,935	2,800,341	1,338,249	1,198,410	1,178,547
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	3,302,747	-	71,326	128,983	1,524,493	700,343	313,356	564,246
Fayetteville	1,053,131	-	21,642	129,538	288,696	192,871	201,240	219,144
NC A & T	2,276,713	-	87,697	155,758	1,189,695	301,161	380,499	161,903
NC Central	1,541,557	-	36,379	224,242	798,008	168,152	311,654	3,122
UNC-Charlotte	3,729,446	-	-	-	572,310	1,030,503	724,950	1,401,683
UNC-Pembroke	760,767	-	-	-	320,511	318,893	72,197	49,166
UNC-Wilmington	1,690,428	-	17,131	12,250	234,802	510,282	656,173	259,790
West'n Carolina	2,355,330	363	56,107	183,254	1,036,222	582,013	428,212	69,159
SUBTOTAL	16,710,119	363	290,282	834,025	5,964,737	3,804,218	3,088,281	2,728,213
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	842,917	-	91,377	57,955	265,132	148,883	171,193	108,377
UNC-Asheville	911,167	-	5,797	-	307,046	96,220	227,845	274,259
Winston-Salem	1,080,734	-	71,407	56,786	284,557	277,422	80,471	310,091
SUBTOTAL	2,834,818	-	168,581	114,741	856,735	522,525	479,509	692,727
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	673,812	-	170,063	95,302	176,663	113,629	54,775	63,380
<u>Teaching Hospitals:</u>								
UNC Hosp. at C.H.	1,572,492	-	-	51,256	569,995	158,059	372,528	420,654
<u>Community Colleges:</u>								
SUBTOTAL	16,442,406	50,184	381,551	185,704	3,245,025	5,189,581	3,587,839	3,802,522
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	19,185,952	35,728	1,481,976	2,342,711	4,047,176	4,369,818	3,601,760	3,306,783
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	18,205,998	575,094	2,128,382	1,756,515	8,367,950	2,026,389	1,701,802	1,649,866
<u>Junior Colleges:</u>								
SUBTOTAL	431,176	27,673	81,360	12,346	173,371	41,696	94,730	-
GRAND TOTAL	107,033,411	916,697	8,211,803	8,045,275	33,117,793	21,243,726	17,324,101	18,174,016

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction						
		Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-1989 Gross Sq. Ft.	1990-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	262,614	-	28,804	-	3,700	116,156	62,745	51,209
Anson CC	92,903	8,689	-	-	-	24,912	17,674	41,628
Ashev'le-Bun. TCC	492,002	7,797	3,785	10,411	123,648	65,513	172,453	108,395
Beaufort Co. CC	178,373	-	-	-	-	100,657	31,881	45,835
Bladen CC	131,725	-	-	2,520	7,170	75,153	26,800	20,082
Blue Ridge CC	305,595	-	-	-	26,212	90,076	56,537	132,770
Brunswick CC	226,320	-	-	9,708	22,989	-	99,362	94,261
Caldwell CC & TI	343,688	-	-	-	69,119	99,989	48,400	126,180
Cape Fear CC	329,520	-	25,444	-	49,540	208,312	5,488	40,736
Carteret CC	159,346	-	-	18,000	39,137	52,377	18,643	31,189
Catawba Vy. CC	394,308	-	-	1,650	79,071	176,492	73,307	63,788
C. Carolina CC	309,801	-	-	14,250	67,102	32,400	69,202	126,847
C. Piedmont CC	1,619,371	-	106,968	46,888	334,422	603,996	195,983	331,114
Cleveland CC	193,201	-	-	-	1,875	44,921	141,145	5,260
Coastal Car. CC	277,026	-	-	-	-	171,513	44,849	60,664
Col. Albemarle	205,280	-	-	5,268	21,120	54,769	124,123	-
Craven CC	156,586	-	-	-	-	73,770	40,004	42,812
Davidson Co. CC	339,729	-	-	-	90,186	95,766	26,226	127,551
Durham TCC	344,339	-	-	-	123,045	33,552	95,680	92,062
Edgecombe CC	184,044	-	37,209	-	-	61,629	57,506	27,700
Fayettev'le TCC	630,400	-	-	-	166,963	126,811	100,717	235,909
Forsyth TCC	579,646	-	-	-	238,554	65,331	92,266	183,495
Gaston Col.	391,645	-	-	-	157,580	107,325	40,408	86,332
Guilford TCC	802,673	1,931	44,081	10,850	211,075	228,443	107,912	198,381
Halifax CC	175,421	-	-	-	-	79,607	29,618	66,196
Haywood CC	293,578	-	-	-	25,972	142,348	42,821	82,437
Isothermal CC	220,057	-	-	-	57,962	119,876	42,219	-
J. Sprunt CC	149,297	-	-	3,040	24,245	76,630	15,665	29,717
Johnston CC	261,534	-	-	-	4,948	86,523	106,378	63,685
Lenoir CC	324,886	-	-	-	132,388	114,585	34,343	43,570
Martin CC	229,431	-	-	-	-	144,151	19,440	65,840
Mayland CC	119,393	-	3,100	-	-	37,851	30,087	48,355
McDowell TCC	116,814	-	5,777	-	30,104	35,739	26,244	18,950
Mitchell CC	258,176	31,767	89,369	27,943	32,819	76,278	-	-
Montgomery CC	119,180	-	-	-	1,160	64,090	5,696	48,234
Nash CC	157,799	-	-	-	-	87,474	70,325	-
Pamlico CC	40,198	-	-	-	-	40,198	-	-
Piedmont CC	135,205	-	-	-	-	88,429	40,321	6,455
Pitt CC	271,933	-	-	-	78,185	39,518	40,009	114,221
Randolph CC	251,788	-	-	-	43,991	98,677	60,157	48,963
Richmond CC	156,639	-	-	9,000	56,560	34,785	56,294	-
Roanoke-Cho. CC	135,921	-	-	-	8,379	51,624	62,918	13,000
Robeson CC	188,638	-	-	-	-	74,419	108,824	5,395
Rockingham CC	311,927	-	-	-	148,238	63,909	57,270	42,510
Rowan-Cab. CC	270,104	-	7,014	-	82,904	80,020	-	100,166
Sampson CC	154,335	-	-	-	2,381	51,865	63,400	36,689
Sandhills CC	332,725	-	7,500	-	126,325	60,649	82,873	55,378
Southeastern CC	198,706	-	-	-	77,323	66,014	18,448	36,921
Southwestern CC	228,723	-	-	-	2,760	79,426	115,336	31,201
Stanly CC	153,229	-	22,500	-	14,131	49,951	38,647	28,000
Surry CC	254,926	-	-	-	67,452	102,654	15,370	69,450
Tri-County CC	117,065	-	-	26,176	9,720	22,770	58,399	-
Vance-Granv. CC	259,225	-	-	-	3,069	133,016	63,737	59,403
Wake TCC	532,039	-	-	-	95,886	103,471	171,451	161,231
Wayne CC	336,428	-	-	-	14,193	27,949	149,959	144,327
W. Piedmont CC	234,143	-	-	-	72,716	54,469	67,928	39,030
Wilkes CC	324,378	-	-	-	107,382	80,941	77,227	58,828
Wilson TCC	178,430	-	-	-	91,324	9,812	67,124	10,170
TOTAL	16,442,406	50,184	381,551	185,704	3,245,025	5,189,581	3,587,839	3,802,522

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 N.C. State Construction Office 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 1998 FCAP cycle (March, 1999), for the sixteen UNC institutions.

Total Repair and Renovation Needs

In early 1999 the University of North Carolina conducted a comprehensive evaluation of its facilities as part of a Capital Adequacy and Equity Study mandated by the North Carolina General Assembly. This evaluation was administered by a firm with both technical expertise in facilities and web-based facilities evaluation programs. It was designed to attain the cost of deferred maintenance plus the cost of capital renewal.

The campuses made in-house evaluations by comparing their buildings, campus grounds, and infrastructure to baseline quality criteria embedded in an electronic questionnaire. The baseline quality criteria were developed by panels made up of experts from the constituent institutions. Repair and renovation costs were calculated by synthesizing existing FCAP data with condition evaluations. The program included cost models that calculated costs for three core categories, (classroom/office, laboratory, and student service) based on internal room codings. Additional subsetting included only buildings more than ten years old and greater than 3,000 gross square feet.

A ratio was developed which reflected the cost of repair and renewal divided by the cost of a facility of comparable size and function. This ratio was termed the Facility Quality Index (FCQI).

Table 22b outlines the results of this recent study. The table presents a concise dollar picture of total campus repair and renovation needs.

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.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross		Remodeling A Gross		Remodeling B Gross		Remodeling C Gross		Demolition Gross		Termination Gross		Total Gross Square Feet
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Research Universities I:													
NC State	4,578,640	43.6	2,498,347	23.8	2,803,565	26.7	565,572	5.4	64,217	0.6	416	<0.1	10,510,757
NC State Vet.	16,012	3.9	345,512	84.3	46,721	11.4	1,833	0.4	-	-	-	-	410,078
UNC-Chapel Hill	4,777,375	58.7	2,256,765	27.7	736,622	9.0	253,620	3.1	114,417	1.4	2,140	<0.1	8,140,939
UNC-Health Aff.	3,144,354	79.4	491,430	12.4	248,659	6.3	6,691	0.2	10,835	0.3	60,259	1.5	3,962,228
SUBTOTAL	12,516,381	54.4	5,592,054	24.3	3,835,567	16.7	827,716	3.6	189,469	0.8	62,815	0.3	23,024,002
Doctoral Universities I and II:													
East Carolina	1,078,168	30.8	756,110	21.6	1,027,756	29.4	628,764	18.0	10,141	0.3	-	-	3,500,939
ECU-Health Aff.	767,038	89.1	32,611	3.8	59,762	6.9	-	-	-	-	1,250	0.1	860,661
UNC-Greensboro	1,078,892	30.0	875,779	24.4	848,438	23.6	765,788	21.3	13,810	0.4	8,329	0.2	3,591,036
SUBTOTAL	2,924,098	36.8	1,664,500	20.9	1,935,956	24.3	1,394,552	17.5	23,951	0.3	9,579	0.1	7,952,636
Master's (Comprehensive) Universities and Colleges I:													
Appalachian	2,843,585	86.1	345,904	10.5	113,258	3.4	-	-	-	-	-	-	3,302,747
Fayetteville	905,472	86.0	87,236	8.3	60,423	5.7	-	-	-	-	-	-	1,053,131
NC A & T	393,512	17.3	553,277	24.3	654,952	28.8	662,184	29.1	12,788	0.6	-	-	2,276,713
NC Central	1,129,628	73.3	132,131	8.6	117,699	7.6	155,720	10.1	6,379	0.4	-	-	1,541,557
UNC-Charlotte	3,499,683	93.8	229,763	6.2	-	-	-	-	-	-	-	-	3,729,446
UNC-Pembroke	561,701	73.8	151,762	19.9	20,000	2.6	27,304	3.6	-	-	-	-	760,767
UNC-Wilmington	1,683,624	99.6	6,804	0.4	-	-	-	-	-	-	-	-	1,690,428
West'n Carolina	951,385	40.4	1,007,944	42.8	330,153	14.0	65,848	2.8	-	-	-	-	2,355,330
SUBTOTAL	11,968,590	71.6	2,514,821	15.0	1,296,485	7.8	911,056	5.5	19,167	0.1	-	-	16,710,119
Baccalaureate (Liberal Arts) Universities and Colleges I and II:													
Elizabeth City	442,604	52.5	245,677	29.1	136,536	16.2	18,100	2.1	-	-	-	-	842,917
UNC-Asheville	514,473	56.5	102,017	11.2	146,134	16.0	148,543	16.3	-	-	-	-	911,167
Winston-Salem	291,156	26.9	532,195	49.2	147,744	13.7	75,516	7.0	34,123	3.2	-	-	1,080,734
SUBTOTAL	1,248,233	44.0	879,889	31.0	430,414	15.2	242,159	8.5	34,123	1.2	-	-	2,834,818
Schools of Art, Music, and Design:													
NC Sch. of Arts	631,474	93.7	27,768	4.1	-	-	14,570	2.2	-	-	-	-	673,812
Teaching Hospitals:													
UNC Hosp. at C. H.	1,572,492	100.0	-	-	-	-	-	-	-	-	-	-	1,572,492
Community Colleges:													
SUBTOTAL	14,737,541	89.6	1,258,432	7.7	212,234	1.3	199,991	1.2	9,552	0.1	24,656	0.1	16,442,406
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	19,016,217	99.1	104,892	0.5	51,408	0.3	4,753	<0.1	8,682	<0.1	-	-	19,185,952
Gen. Baccalaureate Colleges:													
SUBTOTAL	16,364,626	89.9	1,219,750	6.7	384,650	2.1	164,497	0.9	10,104	0.1	62,371	0.3	18,205,998
Junior Colleges:													
SUBTOTAL	418,830	97.1	5,024	1.2	-	-	-	-	7,322	1.7	-	-	431,176
GRAND TOTAL	81,398,482	76.0	13,267,130	12.4	8,146,714	7.6	3,759,294	3.5	302,370	0.3	159,421	0.1	107,033,411



Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross		Remodeling A Gross		Remodeling B Gross		Remodeling C Gross		Demolition Gross		Termination Gross		Total Gross Square Feet
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Community Colleges:													
Alamance CC	233,810	89.0	28,804	11.0	-	-	-	-	-	-	-	-	262,614
Anson CC	59,302	63.8	8,689	9.4	24,912	26.8	-	-	-	-	-	-	92,903
Ashev'le-Bun. TCC	472,917	96.1	792	0.2	7,797	1.6	10,496	2.1	-	-	-	-	492,002
Beaufort Co. CC	178,373	100.0	-	-	-	-	-	-	-	-	-	-	178,373
Bladen CC	124,344	94.4	4,261	3.2	-	-	3,120	2.4	-	-	-	-	131,725
Blue Ridge CC	305,595	100.0	-	-	-	-	-	-	-	-	-	-	305,595
Brunswick CC	193,623	85.6	3,732	1.6	20,314	9.0	-	-	5,976	2.6	2,675	1.2	226,320
Caldwell CC & TI	341,306	99.3	2,382	0.7	-	-	-	-	-	-	-	-	343,688
Cape Fear CC	316,260	96.0	-	-	13,260	4.0	-	-	-	-	-	-	329,520
Carteret CC	99,509	62.4	45,840	28.8	5,150	3.2	8,847	5.6	-	-	-	-	159,346
Catawba Vy. CC	394,308	100.0	-	-	-	-	-	-	-	-	-	-	394,308
C. Carolina CC	295,551	95.4	14,250	4.6	-	-	-	-	-	-	-	-	309,801
C. Piedmont CC	701,602	43.3	892,851	55.1	24,918	1.5	-	-	-	-	-	-	1,619,371
Cleveland CC	193,201	100.0	-	-	-	-	-	-	-	-	-	-	193,201
Coastal Car. CC	277,026	100.0	-	-	-	-	-	-	-	-	-	-	277,026
Col. Albemarle	198,212	96.6	-	-	-	-	7,068	3.4	-	-	-	-	205,280
Craven CC	156,586	100.0	-	-	-	-	-	-	-	-	-	-	156,586
Davidson Co. CC	339,729	100.0	-	-	-	-	-	-	-	-	-	-	339,729
Durham TCC	252,614	73.4	38,016	11.0	-	-	53,709	15.6	-	-	-	-	344,339
Edgecombe CC	184,044	100.0	-	-	-	-	-	-	-	-	-	-	184,044
Fayettev'le TCC	616,041	97.7	7,399	1.2	6,960	1.1	-	-	-	-	-	-	630,400
Forsyth TCC	501,156	86.5	78,490	13.5	-	-	-	-	-	-	-	-	579,646
Gaston Col.	391,645	100.0	-	-	-	-	-	-	-	-	-	-	391,645
Guilford TCC	802,673	100.0	-	-	-	-	-	-	-	-	-	-	802,673
Halifax CC	175,421	100.0	-	-	-	-	-	-	-	-	-	-	175,421
Haywood CC	249,518	85.0	41,900	14.3	-	-	-	-	-	-	2,160	0.7	293,578
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	146,753	98.3	-	-	-	-	1,272	0.9	1,272	0.9	-	-	149,297
Johnston CC	261,534	100.0	-	-	-	-	-	-	-	-	-	-	261,534
Lenoir CC	324,886	100.0	-	-	-	-	-	-	-	-	-	-	324,886
Martin CC	217,105	94.6	-	-	-	-	12,326	5.4	-	-	-	-	229,431
Mayland CC	119,393	100.0	-	-	-	-	-	-	-	-	-	-	119,393
McDowell TCC	116,814	100.0	-	-	-	-	-	-	-	-	-	-	116,814
Mitchell CC	39,551	15.3	24,110	9.3	100,962	39.1	93,553	36.2	-	-	-	-	258,176
Montgomery CC	119,180	100.0	-	-	-	-	-	-	-	-	-	-	119,180
Nash CC	156,359	99.1	-	-	-	-	-	-	1,440	0.9	-	-	157,799
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	135,205	100.0	-	-	-	-	-	-	-	-	-	-	135,205
Pitt CC	266,305	97.9	-	-	-	-	-	-	-	-	5,628	2.1	271,933
Randolph CC	251,788	100.0	-	-	-	-	-	-	-	-	-	-	251,788
Richmond CC	156,639	100.0	-	-	-	-	-	-	-	-	-	-	156,639
Roanoke-Cho. CC	135,921	100.0	-	-	-	-	-	-	-	-	-	-	135,921
Robeson CC	188,638	100.0	-	-	-	-	-	-	-	-	-	-	188,638
Rockingham CC	311,927	100.0	-	-	-	-	-	-	-	-	-	-	311,927
Rowan-Cab. CC	270,104	100.0	-	-	-	-	-	-	-	-	-	-	270,104
Sampson CC	154,335	100.0	-	-	-	-	-	-	-	-	-	-	154,335
Sandhills CC	263,189	79.1	66,916	20.1	1,420	0.4	1,200	0.4	-	-	-	-	332,725
Southeastern CC	198,706	100.0	-	-	-	-	-	-	-	-	-	-	198,706
Southwestern CC	228,723	100.0	-	-	-	-	-	-	-	-	-	-	228,723
Stanly CC	153,229	100.0	-	-	-	-	-	-	-	-	-	-	153,229
Surry CC	254,926	100.0	-	-	-	-	-	-	-	-	-	-	254,926
Tri-County CC	101,260	86.5	-	-	6,541	5.6	8,400	7.2	864	0.7	-	-	117,065
Vance-Granv. CC	259,225	100.0	-	-	-	-	-	-	-	-	-	-	259,225
Wake TCC	532,039	100.0	-	-	-	-	-	-	-	-	-	-	532,039
Wayne CC	322,235	95.8	-	-	-	-	-	-	-	-	14,193	4.2	336,428
W. Piedmont CC	234,143	100.0	-	-	-	-	-	-	-	-	-	-	234,143
Wilkes CC	324,378	100.0	-	-	-	-	-	-	-	-	-	-	324,378
Wilson TCC	178,430	100.0	-	-	-	-	-	-	-	-	-	-	178,430
TOTAL	14,737,541	89.6	1,258,432	7.7	212,234	1.3	199,991	1.2	9,552	0.1	24,656	0.1	16,442

FCAP: Facilities Maintenance and Repair

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

Table 22a

INSTITUTION	APPROPRIATED FACILITIES	NONAPPROPRIATED FACILITIES	TOTAL DEFICIENCY
N.C. State	\$152,476,191	\$21,984,865	\$174,461,056
UNC-Chapel Hill	\$215,796,542	\$50,065,840	\$265,862,382
East Carolina	\$54,594,111	\$21,743,221	\$76,337,332
UNC-Greensboro	\$95,565,289	\$35,320,657	\$130,885,946
Appalachian State	\$27,334,436	\$15,066,038	\$42,400,474
Fayetteville State	\$4,720,705	\$2,893,655	\$7,614,360
N.C. A&T State	\$21,709,483	\$24,894,112	\$46,603,595
N.C. Central	\$21,890,788	\$22,150,818	\$44,041,606
UNC-Charlotte	\$6,124,800	\$3,051,318	\$9,176,118
UNC-Pembroke	\$7,373,754	\$2,787,503	\$10,161,257
UNC-Wilmington	\$10,785,366	\$3,263,990	\$14,049,356
Western Carolina	\$20,495,871	\$3,918,605	\$24,414,476
Elizabeth City State	\$6,169,005	\$3,871,176	\$10,040,181
UNC-Asheville	\$9,603,658	\$2,232,191	\$11,835,849
Winston Salem State	\$9,094,351	\$3,107,079	\$12,201,430
N.C. School of the Arts	\$2,933,042	\$214,171	\$3,147,213
UNC TOTAL	\$666,667,392	\$216,565,239	\$883,232,631

Total Repair and Renovation Needs

(UNC Institutions only--selected core buildings based on predominant use; >3000 SF; >10 yrs. old;
includes above maintenance and repair cost plus renewal)

Table 22b

INSTITUTION	FCQI	BUILDINGS	GENERAL CAMPUS	INFRASTRUCTURE	TOTAL
N.C. State	0.34	\$398,028,753	\$34,290,378	\$71,830,500	\$504,149,631
UNC-Chapel Hill	0.41	\$528,289,475	\$25,000,000	\$114,922,550	\$668,192,025
East Carolina	0.46	\$226,717,361	\$21,825,500	\$29,551,250	\$278,094,111
UNC-Greensboro	0.59	\$268,915,607	\$11,660,000	\$34,854,346	\$315,429,953
Appalachian State	0.34	\$118,445,117	\$5,033,541	\$9,850,004	\$133,328,662
Fayetteville State	0.42	\$48,306,580	\$6,641,000	\$1,375,000	\$56,322,580
N.C. A&T State	0.61	\$203,915,875	\$11,108,876	\$43,840,707	\$258,865,458
N.C. Central	0.60	\$119,842,872	\$5,728,000	\$7,425,526	\$132,996,398
UNC-Charlotte	0.30	\$101,403,196	\$13,429,500	\$5,425,600	\$120,258,296
UNC-Pembroke	0.49	\$46,736,904	\$4,481,000	\$2,254,400	\$53,472,304
UNC-Wilmington	0.29	\$71,508,795	\$5,874,466	\$5,754,335	\$83,137,596
Western Carolina	0.37	\$120,743,927	\$0	\$22,671,300	\$143,415,227
Elizabeth City State	0.49	\$49,695,534	\$38,225,000	\$23,925,000	\$111,845,534
UNC-Asheville	0.53	\$42,547,025	\$6,666,605	\$3,415,004	\$52,628,634
Winston Salem State	0.45	\$64,528,860	\$12,039,300	\$2,961,790	\$79,529,950
N.C. School of the Arts	0.43	\$34,851,531	\$1,550,000	\$90,001	\$36,491,532
UNC TOTAL	0.42	\$2,444,457,412	\$203,553,166	\$380,147,313	\$3,038,157,891

TABLE 23:

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

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

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

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

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

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

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

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table. The Facilities Condition Assessment Program (FCAP), conducted by the N.C. State Construction Office, provides more precise dollar deficiency figures for campus buildings over 3,000 GSF (see pages 156 and 160).

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

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
<u>Research Universities I:</u>			
NC State	\$ 344,178,053	1,146,470,900	\$234,916,119
NC State Vet.	24,773,991	65,430,025	13,348,847
UNC-Chapel Hill	385,240,139	1,139,880,676	154,015,185
UNC-Health Aff.	251,388,202	574,204,427	40,909,254
SUBTOTAL	1,005,580,385	2,925,986,028	443,189,405
<u>Doctoral Universities I and II:</u>			
East Carolina	132,717,821	338,313,827	87,113,068
ECU-Health Aff.	45,523,192	84,211,981	2,917,010
UNC-Greensboro	101,434,480	270,151,199	87,065,196
SUBTOTAL	279,675,493	692,677,007	177,095,274
<u>Master's (Comprehensive) Universities and Colleges I:</u>			
Appalachian	145,312,850	302,735,810	8,882,651
Fayetteville	46,130,886	95,008,429	3,106,011
NC A & T	69,128,774	202,153,909	73,216,698
NC Central	40,198,975	131,293,114	16,312,585
UNC-Charlotte	173,155,020	311,786,216	4,624,585
UNC-Pembroke	30,730,355	69,413,829	5,063,592
UNC-Wilmington	91,582,546	160,978,307	60,669
West'n Carolina	65,937,198	198,895,886	31,228,509
SUBTOTAL	662,176,604	1,472,265,500	142,495,300
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>			
Elizabeth City	31,050,306	76,696,178	9,811,215
UNC-Asheville	51,955,577	81,701,412	14,278,607
Winston-Salem	49,776,897	94,946,816	20,741,540
SUBTOTAL	132,782,780	253,344,406	44,831,362

**Estimated Cost to Renovate or Replace
Unsatisfactory Facilities**

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
<u>Schools of Art, Music, and Design:</u>			
NC Sch. of Arts	\$ 28,324,304	70,053,837	\$ 1,154,978
<u>Teaching Hospitals:</u>			
UNC Hosp. at C. H.	102,031,985	202,798,784	-
<u>Community Colleges:</u>			
SUBTOTAL	774,966,821	1,345,357,365	32,179,642
PRIVATE INSTITUTIONS			
<u>Major Research Universities:</u>			
SUBTOTAL	908,946,992	2,682,056,352	9,224,450
<u>Gen. Baccalaureate Colleges:</u>			
SUBTOTAL	517,455,080	1,553,144,751	46,007,599
<u>Junior Colleges:</u>			
SUBTOTAL	10,242,789	37,231,994	208,174
GRAND TOTAL	\$4,422,183,233	\$11,234,916,024	\$896,386,184

**Estimated Cost to Renovate or Replace
Unsatisfactory Facilities**

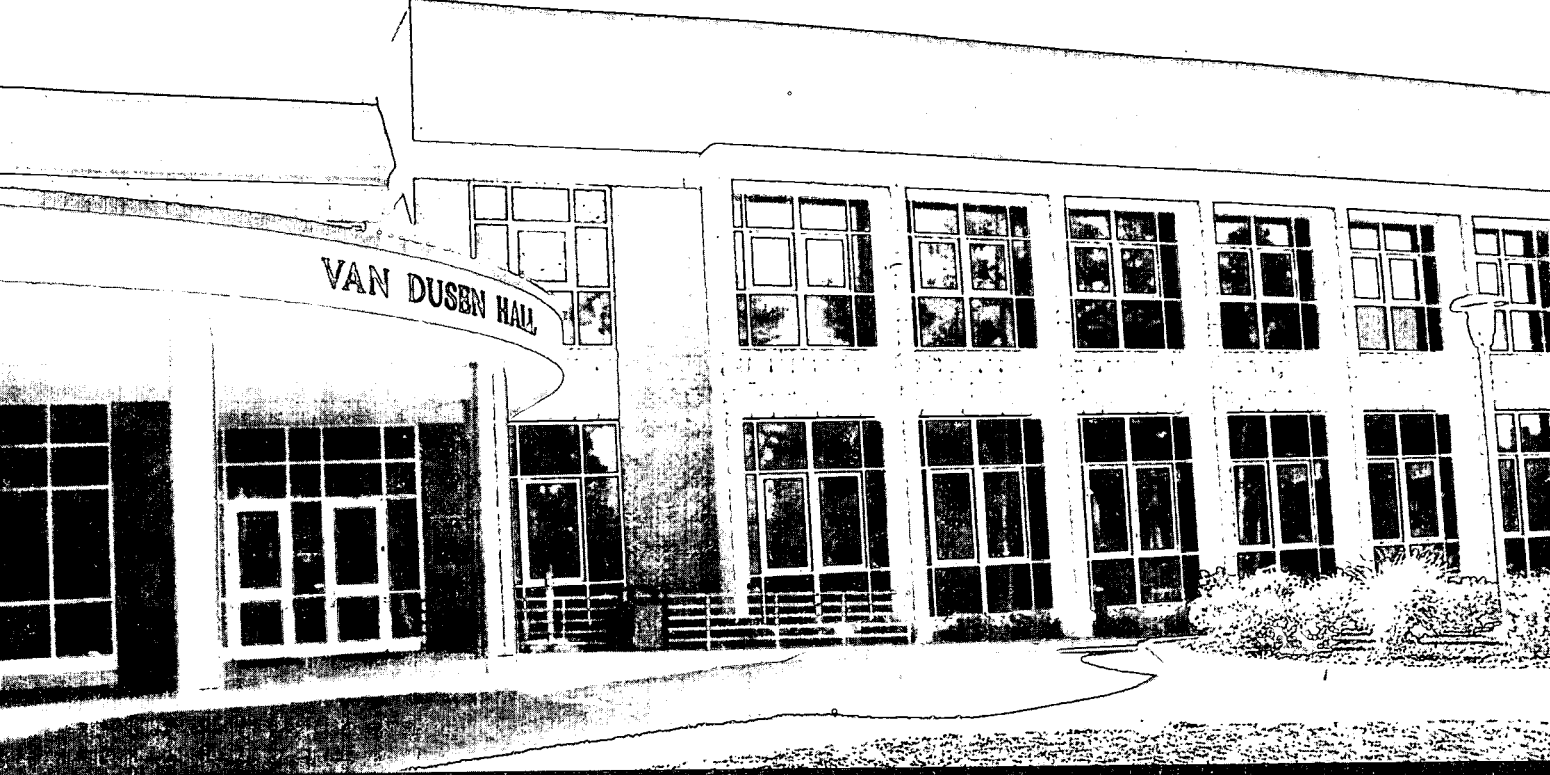
Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
<u>Community Colleges:</u>			
Alamance CC	\$ 14,337,403	\$ 26,913,102	\$ 396,660
Anson CC	4,893,270	8,435,225	817,624
Ashev'le-Bun. TCC	22,229,333	40,628,587	570,415
Beaufort Co. CC	7,963,608	13,476,933	-
Bladen CC	4,532,290	9,702,715	155,399
Blue Ridge CC	17,465,474	24,901,858	-
Brunswick CC	15,587,790	19,965,122	1,215,614
Caldwell CC & TI	20,956,946	34,121,992	48,589
Cape Fear CC	8,986,361	28,649,226	353,570
Carteret CC	6,632,372	15,013,106	1,291,167
Catawba Vy. CC	17,580,388	33,459,122	-
C. Carolina CC	14,161,272	28,008,158	157,778
C. Piedmont CC	58,740,492	110,227,759	9,758,258
Cleveland CC	9,031,801	15,976,343	-
Coastal Car. CC	15,747,357	26,277,504	-
Col. Albemarle	8,027,840	17,925,264	389,069
Craven CC	6,757,343	13,003,533	-
Davidson Co. CC	16,236,453	28,496,897	-
Durham TCC	60,140,909	28,254,378	3,603,342
Edgecombe CC	6,844,700	13,948,166	-
Fayettev'le TCC	27,182,681	45,954,280	56,431
Forsyth TCC	23,915,943	48,331,070	1,296,164
Gaston Col.	16,720,383	33,536,946	-
Guilford TCC	34,983,959	68,803,226	-
Halifax CC	8,062,352	11,737,643	-
Haywood CC	12,300,704	20,906,707	748,101
Isothermal CC	8,478,885	16,912,931	-
J. Sprunt CC	6,391,461	11,872,255	50,440
Johnston CC	13,597,116	20,912,462	-
Lenoir CC	12,401,757	24,845,577	-

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
<u>Community Colleges:</u>			
Martin CC	4,891,455	11,935,514	569,517
Mayland CC	7,505,394	11,970,189	-
McDowell TCC	6,081,814	11,021,268	-
Mitchell CC	4,724,528	18,570,685	8,375,122
Montgomery CC	7,811,126	10,288,531	-
Nash CC	7,338,179	11,194,276	50,360
Pamlico CC	1,528,200	4,245,467	-
Piedmont CC	7,756,394	12,693,763	-
Pitt CC	15,460,042	24,588,453	164,976
Randolph CC	11,618,647	19,931,987	-
Richmond CC	4,984,574	12,773,946	-
Roanoke-Cho. CC	5,165,869	10,723,550	-
Robeson CC	9,331,650	15,836,828	-
Rockingham CC	12,296,785	25,058,981	-
Rowan-Cab. CC	10,304,599	22,051,672	-
Sampson CC	9,607,480	13,402,415	-
Sandhills CC	15,283,018	27,572,098	1,074,266
Southeastern CC	7,121,797	15,492,444	-
Southwestern CC	11,791,698	18,847,841	-
Stanly CC	5,836,000	15,376,887	-
Surry CC	10,944,149	19,537,375	-
Tri-County CC	4,255,653	9,440,803	657,063
Vance-Granv. CC	9,787,958	24,133,086	-
Wake TCC	25,312,913	42,760,631	-
Wayne CC	26,035,601	32,023,114	379,717
W. Piedmont CC	12,341,581	21,988,748	-
Wilkes CC	13,209,632	25,288,725	-
Wilson TCC	5,751,442	15,410,001	-
TOTAL	\$774,966,821	\$1,345,357,365	\$32,179,642



Van Dusen Hall, Sandhills Community College

Sandhills Community College's latest campus addition, Van Dusen Hall, continues the institution's commitment to total campus accessibility for the mobility impaired. The new 55,378-square-foot office and classroom building, built at a cost of \$5.3 million, provides total interior and exterior access features for students, staff, and faculty with special mobility needs.

The new facility, which is named for major benefactors Mr. and Mrs. William Van Dusen, houses the Division of Continuing Education and curriculum faculty offices. A major portion of the building is assigned to the Dedman Center for Business Leadership, named for another major benefactor of the college, Robert Dedman.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable	169
Accessible Area by Programs and Subprograms	175
Accessible Area by Room Code	193

BEST COPY AVAILABLE

TABLE 24:

**ACCESSIBLE AREA AS A
PERCENTAGE OF ASSIGNABLE**

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

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

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

The definition of building space accessibility was broadened in the 1992 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 1993 edition of the N.C. Manual) to include *approach* to a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheelchair or other support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1998	1997	1996	1995	1994
<u>Research Universities I:</u>							
NC State	6,500,852	3,449,309	53.1	57.7	58.9	57.9	60.0
NC State Vet.	272,103	202,552	74.4	80.7	80.1	80.1	86.0
UNC-Chapel Hill	5,141,411	3,448,255	67.1	39.6	63.8	63.6	63.1
UNC-Health Aff.	1,676,948	1,117,912	66.7	64.8	95.3	95.4	94.6
SUBTOTAL	13,591,314	8,218,028	60.5	52.1	65.8	65.1	66.3
<u>Doctoral Universities I and II:</u>							
East Carolina	2,462,012	1,827,030	74.2	71.9	72.4	68.2	65.9
ECU-Health Aff.	566,838	534,663	94.3	93.9	94.0	93.7	94.3
UNC-Greensboro	1,946,787	1,353,207	69.5	66.9	67.3	67.4	67.2
SUBTOTAL	4,975,637	3,714,900	74.7	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>							
Appalachian	2,133,666	1,424,703	66.8	63.7	63.8	62.1	58.2
Fayetteville	692,189	383,974	55.5	55.5	56.8	56.8	52.2
NC A & T	1,586,577	1,248,892	78.7	78.6	78.6	78.5	78.5
NC Central	1,015,363	774,851	76.3	73.3	72.9	72.2	72.0
UNC-Charlotte	1,911,007	1,687,442	88.3	88.1	87.1	86.5	86.4
UNC-Pembroke	515,609	382,785	74.2	74.6	72.2	69.6	68.7
UNC-Wilmington	1,143,801	788,793	69.0	62.5	61.3	57.5	56.5
West'n Carolina	1,590,795	1,107,552	69.6	70.3	70.5	69.3	68.8
SUBTOTAL	10,589,007	7,798,992	73.7	73.1	72.7	70.9	69.6
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>							
Elizabeth City	588,636	430,543	73.1	73.1	73.1	73.1	73.1
UNC-Asheville	585,129	513,829	87.8	87.8	86.0	86.2	85.8
Winston-Salem	687,942	484,895	70.5	70.5	68.3	66.1	65.2
SUBTOTAL	1,861,707	1,429,267	76.8	76.8	75.0	74.5	73.8

**Accessible Area As a
Percentage of Assignable**

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1998	1997	1996	1995	1994
<u>Schools of Art, Music, and Design:</u>							
NC Sch. of Arts	457,665	343,927	75.1	75.3	70.5	72.6	72.6
<u>Teaching Hospitals:</u>							
UNC Hosp. at C. H.	888,626	885,461	99.6	99.6	99.4	99.1	99.1
<u>Community Colleges:</u>							
SUBTOTAL	11,206,382	10,674,630	95.3	95.0	94.9	94.6	94.5
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL	9,660,874	7,293,175	75.5	74.5	72.7	72.5	68.7
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	12,770,474	6,326,711	49.5	46.9	46.6	45.8	44.7
<u>Junior Colleges:</u>							
SUBTOTAL	292,723	111,694	38.2	37.9	45.8	45.4	49.3
GRAND TOTAL	66,294,409	46,796,785	70.6	67.5	69.6	68.7	67.9

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible					
			1998	1997	1996	1995	1994	
<u>Community Colleges:</u>								
Alamance CC	177,920	174,973	98.3	98.3	98.4	98.0	99.4	
Anson CC	64,730	59,636	92.1	87.2	87.2	85.6	85.6	
Ashev'le-Bun. TCC	332,323	313,086	94.2	94.2	93.4	93.4	92.9	
Beaufort Co. CC	130,749	127,001	97.1	97.1	97.2	97.0	97.0	
Bladen CC	100,838	97,807	97.0	96.9	96.3	95.9	95.9	
Blue Ridge CC	228,111	227,349	99.7	99.7	99.5	99.5	99.5	
Brunswick CC	153,628	144,276	93.9	91.9	91.9	91.9	91.9	
Caldwell CC & TI	250,998	234,835	93.6	90.8	90.6	90.6	90.6	
Cape Fear CC	228,579	221,354	96.8	96.2	97.9	97.9	97.5	
Carteret CC	117,342	105,493	89.9	89.8	86.2	84.8	84.5	
Catawba Vy. CC	279,346	270,614	96.9	96.2	96.2	96.2	96.2	
C. Carolina CC	220,898	216,858	98.2	98.2	98.1	97.8	97.8	
C. Piedmont CC	706,496	682,653	96.6	96.1	96.0	95.0	96.0	
Cleveland CC	136,791	134,145	98.1	98.1	98.1	98.7	98.7	
Coastal Car. CC	196,029	195,065	99.5	100.0	100.0	100.0	100.0	
Col. Albemarle	135,368	135,268	99.9	99.9	99.9	99.9	99.9	
Craven CC	109,430	108,970	99.6	99.6	99.6	99.6	99.6	
Davidson Co. CC	230,316	223,548	97.1	97.1	98.0	98.0	98.0	
Durham TCC	236,755	220,414	93.1	99.4	99.4	99.4	99.4	
Edgecombe CC	125,762	106,671	84.8	84.8	84.9	84.0	84.0	
Fayettev'le TCC	441,579	416,135	94.2	93.6	92.8	92.8	93.1	
Forsyth TCC	397,959	392,390	98.6	98.5	98.5	98.4	98.5	
Gaston Col.	270,840	239,490	88.4	88.0	88.6	87.6	84.9	
Guilford TCC	564,572	516,790	91.5	91.3	91.0	87.5	87.5	
Halifax CC	124,036	122,762	99.0	99.4	99.4	99.4	99.3	
Haywood CC	221,306	203,599	92.0	91.8	91.5	91.5	91.5	
Isothermal CC	169,036	150,754	89.2	89.2	89.2	89.2	88.4	
J. Sprunt CC	107,551	101,072	94.0	92.8	92.8	92.8	93.4	
Johnston CC	194,067	187,760	96.8	99.0	99.0	99.0	98.9	
Lenoir CC	239,555	229,773	95.9	95.4	96.7	98.4	98.4	

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible					
			1998	1997	1996	1995	1994	
<u>Community Colleges:</u>								
Martin CC	172,224	144,172	83.7	77.3	76.7	84.1	84.1	
Mayland CC	86,371	82,459	95.5	97.8	99.1	99.1	99.1	
McDowell TCC	85,160	82,423	96.8	96.8	96.2	96.2	96.2	
Mitchell CC	185,141	143,586	77.6	78.6	79.3	76.0	76.0	
Montgomery CC	80,749	79,101	98.0	93.9	93.9	96.1	96.1	
Nash CC	109,223	107,955	98.8	98.8	98.8	98.7	98.7	
Pamlico CC	28,395	27,166	95.7	95.7	95.7	95.7	95.7	
Piedmont CC	110,412	108,544	98.3	98.2	98.1	98.1	98.8	
Pitt CC	187,535	181,057	96.5	95.3	94.9	94.9	94.9	
Randolph CC	186,134	185,941	99.9	99.9	100.0	100.0	100.0	
Richmond CC	112,109	104,408	93.1	93.1	93.1	93.1	91.6	
Roanoke-Cho. CC	99,803	96,135	96.3	96.3	96.3	96.3	96.3	
Robeson CC	140,387	137,083	97.6	97.6	97.6	97.6	97.6	
Rockingham CC	221,001	204,357	92.5	92.5	94.0	91.2	91.2	
Rowan-Cab. CC	209,394	209,394	100.0	100.0	100.0	100.0	100.0	
Sampson CC	110,000	108,340	98.5	98.1	98.1	98.1	98.1	
Sandhills CC	229,219	219,444	95.7	93.4	93.5	93.5	93.5	
Southeastern CC	145,456	135,555	93.2	92.8	92.8	91.8	92.1	
Southwestern CC	167,334	160,855	96.1	96.1	95.7	95.7	95.7	
Stanly CC	107,006	106,534	99.6	99.5	99.5	100.0	100.0	
Surry CC	180,336	171,384	95.0	94.8	94.8	93.5	93.5	
Tri-County CC	91,764	88,945	96.9	96.6	96.6	96.6	96.6	
Vance-Granv. CC	171,811	165,134	96.1	95.7	95.7	95.2	95.2	
Wake TCC	349,313	329,666	94.4	94.4	93.3	93.3	93.3	
Wayne CC	214,270	214,152	99.9	99.9	99.9	98.5	98.5	
W. Piedmont CC	161,099	155,908	96.8	96.7	96.1	96.1	96.1	
Wilkes CC	244,993	239,306	97.7	97.3	97.3	97.2	97.2	
Wilson TCC	126,833	125,085	98.6	98.6	98.5	98.5	98.7	
TOTAL	11,206,382	10,674,630	95.3	95.0	94.9	94.6	94.5	

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.

**Accessible Area
by Summary Programs**
(Percentages relate to assignable space in each program.)

Table 25

INSTITUTION	Accessible Sq. Ft.	In- struc- tion	Re- search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admi.n.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas- signed
		10	20	30	40	50	60	70	80	90	00
Research Universities I:											
NC State	3,449,309	65.8	59.1	55.5	84.7	26.4	46.8	47.6	-	45.9	51.7
NC State Vet.	202,552	61.2	67.7	96.1	91.5	98.2	74.0	81.9	-	-	100.0
UNC-Chapel Hill	3,448,255	81.8	90.6	74.6	81.0	44.7	70.7	83.5	-	95.0	80.6
UNC-Health Aff.	1,117,912	70.6	60.2	63.2	58.6	91.7	71.9	31.3	-	89.0	79.1
SUBTOTAL	8,218,028	72.2	62.0	65.0	77.8	36.8	60.0	68.8	-	78.6	72.6
Doctoral Universities I and II:											
East Carolina	1,827,030	87.3	78.1	90.9	98.8	61.8	67.2	74.7	-	100.0	0.0
ECU-Health Aff.	534,663	98.0	92.5	99.2	99.9	100.0	74.8	45.8	-	-	100.0
UNC-Greensboro	1,353,207	86.6	96.4	100.0	86.1	53.4	82.0	39.2	-	-	47.7
SUBTOTAL	3,714,900	87.9	91.2	98.5	93.3	58.2	74.3	56.6	-	100.0	28.7
Master's (Comprehensive) Universities and Colleges I:											
Appalachian	1,425,612	84.3	96.6	100.0	94.7	47.3	92.6	84.4	-	100.0	88.4
Fayetteville	383,974	85.7	100.0	100.0	86.0	19.5	70.7	26.1	-	-	29.1
NC A & T	1,248,892	90.3	86.8	49.3	88.7	63.6	88.0	81.2	-	100.0	34.7
NC Central	774,851	87.6	47.7	100.0	96.1	61.8	80.4	89.6	-	100.0	45.1
UNC-Charlotte	1,687,442	99.1	100.0	-	99.6	78.1	100.0	100.0	-	-	100.0
UNC-Pembroke	382,785	94.5	-	100.0	99.6	41.1	91.9	99.6	-	-	100.0
UNC-Wilmington	788,793	87.4	58.2	100.0	65.8	53.3	89.8	90.8	-	89.5	48.4
West'n Carolina	1,107,552	85.2	97.4	100.0	95.2	55.1	58.4	59.9	-	71.1	92.9
SUBTOTAL	7,799,901	89.3	89.3	85.3	89.9	56.9	82.4	79.0	-	77.4	63.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II:											
Elizabeth City	430,543	91.5	-	100.0	97.6	53.5	70.5	100.0	-	-	100.0
UNC-Asheville	513,829	94.2	100.0	100.0	95.2	79.9	62.3	98.7	-	100.0	88.6
Winston-Salem	484,895	65.5	31.7	65.6	90.6	72.9	55.1	90.5	-	100.0	57.0
SUBTOTAL	1,429,267	84.4	65.7	94.7	94.0	68.1	62.2	96.1	-	100.0	61.7
Schools of Art, Music, and Design:											
NC Sch. of Arts	343,927	94.2	-	100.0	93.8	36.1	46.1	99.1	-	100.0	99.5
Teaching Hospitals:											
UNC Hosp. at C. Hill	885,461	100.0	100.0	99.5	-	-	100.0	99.7	-	-	99.9
Community Colleges:											
SUBTOTAL	10,674,630	97.1	-	81.6	96.4	95.2	92.3	72.0	-	94.5	69.6
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	7,293,175	90.1	87.0	95.3	94.4	39.7	71.6	58.8	-	70.0	91.3
Gen. Baccalaureate Colleges:											
SUBTOTAL	6,326,711	68.5	65.7	54.6	82.9	39.9	29.8	50.1	-	22.4	25.8
Junior Colleges:											
SUBTOTAL	111,694	61.5	-	0.0	90.4	31.0	36.8	67.9	-	-	0.0
GRAND TOTAL	46,797,694	86.1	71.3	90.9	88.0	48.8	64.5	65.2	-	74.9	64.6

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

Table 25

INSTITUTION	Accessible Sq. Ft.	In-struction	Re-search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas-signed
		10	20	30	40	50	60	70	80	90	00
Community Colleges:											
Alamance CC	174,973	99.7	-	100.0	88.1	100.0	93.8	100.0	-	100.0	100.0
Anson CC	59,636	93.7	-	0.0	85.7	88.2	94.8	100.0	-	-	100.0
Ashev'le-Bun. TCC	313,086	97.1	-	100.0	98.2	100.0	71.2	100.0	-	100.0	0.0
Beaufort Co. CC	127,001	97.3	-	100.0	100.0	99.0	89.9	100.0	-	-	100.0
Bladen CC	97,807	99.2	-	100.0	98.4	96.4	99.8	50.9	-	100.0	100.0
Blue Ridge CC	227,349	99.9	-	100.0	100.0	99.8	96.5	96.7	-	100.0	100.0
Brunswick CC	144,276	96.3	-	72.7	100.0	98.2	97.7	100.0	-	100.0	100.0
Caldwell CC & TI	234,835	97.9	-	100.0	100.0	95.5	96.6	11.9	-	-	100.0
Cape Fear CC	221,354	96.4	-	100.0	100.0	93.4	98.7	100.0	-	-	100.0
Carteret CC	105,493	89.1	-	-	74.0	90.9	100.0	-	-	100.0	100.0
Catawba Vy. CC	270,614	100.0	-	-	100.0	100.0	100.0	-	-	100.0	19.2
C. Carolina CC	216,858	98.5	-	100.0	98.5	100.0	99.6	36.8	-	100.0	0.0
C. Piedmont CC	682,653	98.7	-	100.0	97.2	93.0	91.6	81.4	-	-	78.1
Cleveland CC	134,145	98.6	-	100.0	100.0	100.0	89.3	100.0	-	100.0	60.1
Coastal Car. CC	195,065	100.0	-	100.0	100.0	100.0	92.0	100.0	-	-	100.0
Col. Albemarle	135,268	99.9	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	108,970	99.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	223,548	99.1	-	0.0	99.1	98.9	99.9	100.0	-	97.9	-
Durham TCC	220,414	99.8	-	100.0	100.0	100.0	100.0	11.6	-	100.0	100.0
Edgecombe CC	106,671	83.3	-	-	97.9	100.0	100.0	100.0	-	-	0.0
Fayettev'le TCC	416,135	98.3	-	100.0	99.3	97.6	78.6	45.4	-	-	49.5
Forsyth TCC	392,390	98.3	-	100.0	99.2	98.9	99.9	100.0	-	100.0	-
Gaston Col.	239,490	96.2	-	0.0	75.0	94.6	85.2	73.9	-	-	-
Guilford TCC	516,790	93.7	-	87.2	90.4	96.1	97.7	17.1	-	14.5	73.5
Halifax CC	122,762	99.3	-	100.0	100.0	100.0	99.1	79.6	-	-	100.0
Haywood CC	203,599	88.7	-	100.0	100.0	100.0	100.0	100.0	-	100.0	52.6
Isothermal CC	150,754	94.4	-	100.0	25.8	82.1	99.8	100.0	-	-	-
J. Sprunt CC	101,072	93.2	-	100.0	100.0	96.4	99.0	65.3	-	100.0	-
Johnston CC	187,760	99.8	-	7.8	100.0	99.5	89.1	81.0	-	-	100.0
Lenoir CC	229,773	96.7	-	100.0	95.8	100.0	81.4	100.0	-	100.0	100.0
Martin CC	144,172	93.3	-	100.0	100.0	78.7	97.5	85.5	-	-	0.0
Mayland CC	82,459	99.9	-	15.0	100.0	100.0	87.8	9.5	-	100.0	100.0
McDowell TCC	82,423	96.9	-	-	100.0	98.7	90.1	100.0	-	100.0	100.0
Mitchell CC	143,586	87.0	-	-	95.5	57.6	49.0	74.1	-	100.0	34.1
Montgomery CC	79,101	97.6	-	100.0	100.0	100.0	100.0	100.0	-	100.0	0.0
Nash CC	107,955	99.7	-	100.0	100.0	100.0	90.2	100.0	-	-	-
Pamlico CC	27,166	99.9	-	100.0	100.0	100.0	98.3	0.0	-	-	-
Piedmont CC	108,544	97.5	-	98.8	100.0	100.0	99.5	100.0	-	100.0	-
Pitt CC	181,057	97.8	-	100.0	98.0	85.2	87.3	100.0	-	-	-
Randolph CC	185,941	99.9	-	100.0	100.0	100.0	100.0	100.0	-	100.0	-
Richmond CC	104,408	94.1	-	100.0	95.1	88.4	100.0	24.9	-	-	-
Roanoke-Cho. CC	96,135	100.0	-	100.0	100.0	100.0	99.5	100.0	-	100.0	0.0
Robeson CC	137,083	100.0	-	100.0	100.0	87.9	99.8	100.0	-	-	-
Rockingham CC	204,357	89.3	-	98.0	99.3	99.1	99.9	100.0	-	100.0	79.4
Rowan-Cab. CC	209,394	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Sampson CC	108,340	98.4	-	100.0	100.0	100.0	99.5	100.0	-	-	92.9
Sandhills CC	219,444	97.4	-	100.0	99.4	98.6	64.1	97.2	-	100.0	-
Southeastern CC	135,555	92.9	-	100.0	99.4	93.4	87.5	100.0	-	-	72.4
Southwestern CC	160,855	100.0	-	0.0	100.0	100.0	98.3	0.0	-	100.0	-
Stanly CC	106,534	100.0	-	100.0	95.9	100.0	99.7	100.0	-	-	-
Surry CC	171,384	93.8	-	-	100.0	97.4	95.2	100.0	-	100.0	-
Tri-County CC	88,945	99.3	-	-	84.9	100.0	91.2	-	-	-	-
Vance-Granv. CC	165,134	99.5	-	100.0	89.3	93.4	80.5	100.0	-	0.0	55.2
Wake TCC	329,666	94.8	-	-	100.0	99.7	76.8	62.6	-	-	100.0
Wayne CC	214,152	100.0	-	100.0	100.0	99.4	100.0	100.0	-	-	-
W. Piedmont CC	155,908	99.7	-	100.0	100.0	99.7	99.5	6.9	-	-	100.0
Wilkes CC	239,306	98.1	-	0.0	100.0	94.6	99.7	100.0	-	97.1	100.0
Wilson TCC	125,085	100.0	-	100.0	99.7	100.0	83.5	100.0	-	-	-
TOTAL	10,674,630	97.1	-	81.6	96.4	95.2	92.3	72.0	-	94.5	69.6

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'1 Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'1 Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Research Universities I:</u>								
NC State	66.2	-	-	5.5	100.0	-	-	-
NC State Vet.	61.2	-	-	-	-	-	-	-
UNC-Chapel Hill	81.5	-	28.5	98.3	93.9	-	-	-
UNC-Health Aff.	70.3	-	-	0.0	98.6	-	-	-
SUBTOTAL	72.1	-	28.5	62.4	94.7	-	-	-
<u>Doctoral Universities I and II:</u>								
East Carolina	87.3	-	100.0	-	-	-	-	-
ECU-Health Aff.	98.0	-	-	-	-	-	-	-
UNC-Greensboro	86.6	-	100.0	-	-	-	-	-
SUBTOTAL	87.9	-	100.0	-	-	-	-	-
<u>Master's (Comprehensive) Universities and Colleges I:</u>								
Appalachian	82.9	-	-	100.0	-	-	-	-
Fayetteville	85.5	-	-	100.0	-	-	-	-
NC A & T	90.3	-	-	-	-	-	-	-
NC Central	87.5	-	100.0	-	-	-	-	-
UNC-Charlotte	99.1	-	-	-	-	-	-	-
UNC-Pembroke	94.4	-	100.0	-	-	-	-	-
UNC-Wilmington	87.4	-	61.3	-	93.5	-	-	-
West'n Carolina	84.8	-	100.0	100.0	100.0	100.0	-	100.0
SUBTOTAL	89.0	-	85.5	100.0	94.6	100.0	-	100.0
<u>Baccalaureate (Liberal Arts) Universities and Colleges I and II:</u>								
Elizabeth City	91.3	-	100.0	-	-	-	-	-
UNC-Asheville	94.2	-	-	-	-	-	-	-
Winston-Salem	64.3	-	89.6	-	-	-	-	-
SUBTOTAL	84.2	-	93.4	-	-	-	-	-

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Research Univ. I:</u>
30.0	67.6	-	-	83.8	42.3	50.5	NC State
-	67.7	97.9	94.8	-	-	-	NC State Vet.
93.2	90.5	-	-	78.2	-	48.2	UNC-Chapel Hill
74.6	57.7	75.8	58.2	47.8	0.0	-	UNC-Health Aff.
36.6	68.1	83.4	67.5	80.6	42.0	48.9	SUBTOTAL
							<u>Doctoral Univ. I/II:</u>
0.0	89.6	-	0.0	91.5	-	88.4	East Carolina
-	92.5	99.8	98.8	100.0	-	-	ECU-Health Aff.
98.4	96.1	-	-	100.0	-	-	UNC-Greensboro
63.9	93.0	99.8	98.7	94.4	-	88.4	SUBTOTAL
							<u>Master's (Comp.) Univ./Colleges I:</u>
-	96.6	-	-	100.0	-	-	Appalachian
-	100.0	-	-	100.0	-	100.0	Fayetteville
100.0	80.3	-	-	98.2	3.3	100.0	NC A & T
100.0	28.5	-	-	100.0	-	100.0	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
-	-	-	-	100.0	-	100.0	UNC-Pembroke
5.3	88.5	-	-	100.0	-	-	UNC-Wilmington
-	97.4	-	-	100.0	-	100.0	West'n Carolina
91.8	88.5	-	-	99.7	3.3	100.0	SUBTOTAL
							<u>Bacc. (Lib. Arts) Univ./Coll. I/II:</u>
-	-	-	-	100.0	-	100.0	Elizabeth City
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	64.2	-	100.0	Winston-Salem
100.0	61.3	-	-	94.1	-	100.0	SUBTOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'1 Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'1 Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	94.2	-	-	-	-	-	-	-
<u>Teaching Hospitals:</u>								
UNC Hosp. - C.H.	100.0	-	-	100.0	-	-	-	-
<u>Community Colleges:</u>								
SUBTOTAL	96.6	97.5	98.3	94.1	96.5	100.0	100.0	89.8
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	90.2	-	100.0	24.1	-	-	-	-
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	68.6	-	49.3	100.0	0.0	-	-	-
<u>Junior Colleges:</u>								
SUBTOTAL	61.5	-	-	-	-	-	-	-
GRAND TOTAL	81.2	97.5	88.4	93.1	96.1	100.0	100.0	90.5

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Sch. of Art, Music, and Design:</u>
-	-	-	-	100.0	-	-	NC Sch. of Arts
							<u>Teaching Hospitals:</u>
-	100.0	99.9	99.3	-	-	-	UNC Hosp. - C. H.
							<u>Community Colleges:</u>
-	-	-	-	81.3	100.0	100.0	SUBTOTAL
PRIVATE INSTITUTIONS							
							<u>Major Research Universities:</u>
-	87.0	99.6	92.8	0.0	-	0.0	SUBTOTAL
							<u>Gen. Baccalaureate Colleges:</u>
100.0	65.4	-	-	54.6	-	-	SUBTOTAL
							<u>Junior Colleges:</u>
-	-	-	-	0.0	-	-	SUBTOTAL
43.4	75.9	98.7	92.9	83.9	40.6	60.0	GRAND TOTAL

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu- nity Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges:</u>									
Alamance CC	100.0	99.6	100.0	100.0	100.0	-	-	-	100.0
Anson CC	100.0	99.0	0.0	46.8	0.0	-	-	-	0.0
Ashev'le-Bun. TCC	100.0	98.0	-	70.6	94.9	-	-	100.0	100.0
Beaufort Co. CC	-	97.4	-	84.1	100.0	-	-	-	100.0
Bladen CC	100.0	100.0	-	100.0	89.5	-	-	-	100.0
Blue Ridge CC	99.7	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Brunswick CC	100.0	97.7	-	85.2	100.0	-	-	100.0	72.7
Caldwell CC & TI	96.1	98.4	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	95.8	-	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	88.4	100.0	94.2	100.0	-	-	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
C. Carolina CC	100.0	98.3	100.0	100.0	100.0	-	-	-	100.0
C. Piedmont CC	97.3	99.4	100.0	96.6	100.0	100.0	-	-	100.0
Cleveland CC	100.0	98.0	100.0	100.0	100.0	-	100.0	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	-	-	-	-	100.0
Craven CC**	100.0	99.3	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	86.8	-	-	-	0.0
Durham TCC	100.0	99.8	-	100.0	100.0	-	-	-	100.0
Edgecombe CC	100.0	80.9	-	100.0	98.0	-	-	-	-
Fayettev'le TCC	-	97.9	100.0	100.0	100.0	-	100.0	100.0	100.0
Forsyth TCC	100.0	97.6	98.2	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	94.0	96.5	98.4	100.0	100.0	-	-	-	0.0
Guilford TCC*	94.6	98.4	93.8	49.9	94.7	-	-	50.6	87.1
Halifax CC	100.0	98.8	100.0	100.0	100.0	-	-	100.0	100.0
Haywood CC	-	88.1	100.0	100.0	60.2	-	100.0	100.0	100.0
Isothermal CC**	98.5	95.9	100.0	64.4	49.2	-	100.0	49.8	-
J. Sprunt CC	100.0	94.5	-	80.3	100.0	-	-	-	100.0
Johnston CC	-	99.7	100.0	-	-	-	-	-	7.8
Lenoir CC*	98.5	93.2	100.0	100.0	100.0	-	100.0	100.0	100.0

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Accessible Area by Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu- nity Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges:</u>									
Martin CC	100.0	91.7	100.0	100.0	83.0	-	-	100.0	100.0
Mayland CC	100.0	99.9	100.0	100.0	100.0	-	-	-	15.0
McDowell TCC	100.0	96.4	100.0	100.0	100.0	-	-	-	-
Mitchell CC	84.7	84.6	-	96.2	100.0	-	-	0.0	-
Montgomery CC	100.0	97.4	-	100.0	100.0	-	-	-	100.0
Nash CC	100.0	99.8	-	100.0	98.9	100.0	-	100.0	100.0
Pamlico CC	100.0	99.8	-	100.0	100.0	-	-	-	100.0
Piedmont CC	100.0	97.0	100.0	98.7	100.0	-	-	-	98.8
Pitt CC*	97.3	98.2	23.1	100.0	100.0	-	-	-	-
Randolph CC	-	99.8	100.0	100.0	100.0	-	-	-	100.0
Richmond CC	-	92.8	-	100.0	100.0	100.0	-	-	100.0
Roanoke-Cho. CC	-	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Robeson CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Rockingham CC	86.8	94.1	100.0	100.0	66.7	-	-	-	98.0
Rowan-Cab. CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
Sampson CC	-	98.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Sandhills CC	96.5	97.5	100.0	85.5	99.4	-	-	-	100.0
Southeastern CC	86.0	93.8	75.8	100.0	100.0	-	-	-	100.0
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	0.0
Stanly CC	-	100.0	100.0	100.0	100.0	-	-	-	100.0
Surry CC	90.6	97.8	100.0	100.0	82.8	-	-	-	-
Tri-County CC	100.0	100.0	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	97.4	99.9	100.0	100.0	100.0	-	-	100.0	100.0
Wake TCC	100.0	93.6	-	100.0	100.0	-	-	-	-
Wayne CC	100.0	100.0	-	100.0	100.0	-	-	-	100.0
W. Piedmont CC	99.7	99.6	-	100.0	100.0	-	-	-	100.0
Wilkes CC	100.0	97.8	-	100.0	86.1	-	-	-	0.0
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
TOTAL	96.6	97.5	98.3	94.1	96.5	100.0	100.0	89.8	81.3

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Subtotal 100.0

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Research Universities I:								
NC State	97.0	-	43.2	60.3	91.2	75.3	0.0	0.0
NC State Vet.	98.0	-	85.5	100.0	-	83.2	-	-
UNC-Chapel Hill	81.7	100.0	53.1	93.3	81.7	75.8	-	90.0
UNC-Health Aff.	37.8	100.0	91.7	62.0	48.8	68.1	83.3	74.4
SUBTOTAL	83.1	100.0	52.3	78.8	60.3	73.1	69.5	87.4
Doctoral Universities I and II:								
East Carolina	100.0	100.0	100.0	56.4	-	93.3	100.0	-
ECU-Health Aff.	100.0	100.0	99.4	100.0	100.0	100.0	-	-
UNC-Greensboro	78.5	100.0	100.0	92.9	98.9	82.3	-	-
SUBTOTAL	92.1	100.0	99.8	91.2	98.9	92.6	100.0	-
Master's (Comprehensive) Universities and Colleges I:								
Appalachian	98.5	100.0	100.0	100.0	51.6	94.2	100.0	-
Fayetteville	100.0	85.3	3.2	100.0	0.0	92.2	-	-
NC A & T	98.8	64.6	100.0	100.0	69.5	92.3	-	-
NC Central	99.1	100.0	94.9	100.0	67.3	89.8	-	-
UNC-Charlotte	100.0	100.0	100.0	-	-	98.0	-	-
UNC-Pembroke	100.0	100.0	100.0	-	-	97.5	-	-
UNC-Wilmington	59.9	100.0	100.0	95.0	-	89.0	-	100.0
West'n Carolina	100.0	91.4	57.6	100.0	97.6	85.5	-	73.9
SUBTOTAL	92.5	93.2	83.0	99.6	64.7	91.8	100.0	76.1
Baccalaureate (Liberal Arts) Universities and Colleges I and II:								
Elizabeth City	100.0	100.0	-	100.0	90.4	90.5	-	-
UNC-Asheville	93.8	100.0	100.0	100.0	-	100.0	-	-
Winston-Salem	100.0	92.9	64.6	100.0	32.5	72.3	-	-
SUBTOTAL	97.0	94.3	93.8	100.0	70.2	80.8	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svc.	Museums & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Schools of Art, Music, and Design:</u>								
NC Sch. of Arts	100.0	59.2	100.0	100.0	100.0	89.9	-	-
<u>Teaching Hospitals:</u>								
UNC Hosp. at C. H.	-	-	-	-	-	-	-	-
<u>Community Colleges:</u>								
SUBTOTAL	97.5	98.4	98.4	97.3	89.2	95.8	100.0	100.0
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	98.9	35.5	91.2	97.4	100.0	91.4	100.0	100.0
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	86.0	78.2	76.2	86.3	55.4	73.4	94.4	18.3
<u>Junior Colleges:</u>								
SUBTOTAL	99.9	67.3	-	-	-	0.0	-	-
GRAND TOTAL	91.2	83.5	85.4	89.8	73.1	84.1	94.1	62.6

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svc.	Museums & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges:</u>								
Alamance CC	100.0	-	100.0	100.0	100.0	50.9	-	-
Anson CC	100.0	-	100.0	100.0	-	53.3	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	-	100.0	55.0	-	-
Beaufort Co. CC	100.0	-	-	-	-	100.0	-	-
Bladen CC	100.0	-	-	-	-	95.1	-	-
Blue Ridge CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Brunswick CC	100.0	-	100.0	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	100.0	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	0.0	80.8	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
C. Carolina CC	98.1	-	100.0	-	100.0	100.0	-	-
C. Piedmont CC	98.1	100.0	90.3	100.0	100.0	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.4	-	100.0	-	100.0	100.0	-	-
Durham TCC	100.0	-	100.0	100.0	-	100.0	-	100.0
Edgecombe CC	97.0	-	100.0	-	-	100.0	-	-
Fayettev'le TCC	100.0	-	100.0	100.0	-	98.0	-	-
Forsyth TCC	100.0	-	84.2	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	10.4	100.0	-	-
Guilford TCC	89.8	-	100.0	-	-	87.9	-	-
Halifax CC	100.0	-	-	-	100.0	100.0	100.0	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Isothermal CC	15.0	-	100.0	-	-	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	-
Johnston CC	100.0	-	100.0	-	100.0	100.0	-	-
Lenoir CC	98.4	100.0	100.0	100.0	-	85.3	-	-

Accessible Area by Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil- lary Spt. 45	Acad. Admi n. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
<u>Community Colleges:</u>								
Martin CC	100.0	-	-	-	-	100.0	-	-
Mayland CC	100.0	-	100.0	-	100.0	100.0	-	-
McDowell TCC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	0.0	100.0	0.0	-	94.1	-	-
Montgomery CC	100.0	-	-	-	100.0	100.0	100.0	-
Nash CC	100.0	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	-	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	100.0	67.6	100.0	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	100.0	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	100.0	90.5	-	-
Rowan-Cab. CC	100.0	-	100.0	-	100.0	100.0	-	-
Sampson CC	100.0	-	-	100.0	-	100.0	-	-
Sandhills CC	99.8	100.0	100.0	-	-	93.4	-	-
Southeastern CC	99.0	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	100.0	100.0	100.0	-	-
Stanly CC	100.0	-	100.0	100.0	-	58.5	-	-
Surry CC	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County CC	82.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	80.4	-	-	100.0	100.0	100.0	-	-
Wake TCC	100.0	-	100.0	100.0	100.0	100.0	-	-
Wayne CC	100.0	-	100.0	100.0	-	100.0	100.0	-
W. Piedmont CC	100.0	-	100.0	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson TCC	99.3	-	100.0	100.0	100.0	100.0	-	-
TOTAL	97.5	98.4	98.4	97.3	89.2	95.8	100.0	100.0

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Util- ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Research Universities I:												
NC State	75.8	68.1	80.0	68.5	14.0	64.0	97.7	39.3	42.6	77.7	64.2	24.0
NC State Vet.	-	100.0	-	-	98.1	-	-	-	0.0	100.0	100.0	0.0
UNC-Chapel Hill	42.0	91.6	84.4	11.2	21.7	92.1	99.7	100.0	83.1	50.9	93.6	77.8
UNC-Health Aff.	100.0	43.1	100.0	-	97.0	-	-	-	100.0	20.7	-	-
SUBTOTAL	59.3	80.0	81.8	33.5	18.4	84.2	99.0	72.7	69.1	47.3	81.1	42.0
Doctoral Universities I and II:												
East Carolina	21.4	83.9	76.8	99.0	51.4	99.3	40.4	41.1	93.3	7.4	100.0	0.0
ECU-Health Aff.	100.0	-	-	-	-	-	-	100.0	32.7	100.0	100.0	-
UNC-Greensboro	98.8	88.5	56.7	100.0	43.4	91.7	97.5	5.9	35.3	27.7	100.0	100.0
SUBTOTAL	63.8	85.5	65.2	99.5	47.7	96.9	73.2	23.2	66.7	25.0	100.0	78.8
Master's (Comprehensive) Universities and Colleges I:												
Appalachian	98.9	80.8	100.0	100.0	36.4	96.2	99.6	93.4	88.0	-	53.3	-
Fayetteville	100.0	42.1	100.0	100.0	9.5	56.3	0.0	-	0.0	-	-	100.0
NC A & T	100.0	95.5	100.0	100.0	56.3	81.5	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	100.0	93.0	58.6	75.2	56.7	45.2	91.1	72.8	93.6	-	-	100.0
UNC-Charlotte	100.0	100.0	100.0	100.0	72.2	39.9	100.0	100.0	100.0	100.0	-	-
UNC-Pembroke	100.0	74.2	100.0	100.0	27.6	72.9	42.1	100.0	100.0	85.1	-	100.0
UNC-Wilmington	100.0	80.9	89.9	100.0	48.8	42.3	91.5	100.0	86.1	0.0	94.2	100.0
West'n Carolina	100.0	97.1	96.2	100.0	42.9	86.3	41.4	76.6	43.5	89.5	-	100.0
SUBTOTAL	99.9	87.8	94.5	94.4	48.5	65.7	78.6	92.8	72.1	88.5	53.6	100.0
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	100.0	99.1	100.0	65.2	43.4	92.4	0.0	100.0	100.0	-	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	79.8	23.1	100.0	100.0	100.0	100.0	92.5	100.0
Winston-Salem	75.1	98.6	100.0	100.0	62.4	89.7	0.0	60.4	98.8	86.9	100.0	100.0
SUBTOTAL	91.8	99.0	100.0	84.6	60.8	77.1	18.1	92.2	99.5	92.2	95.5	100.0
Schools of Art, Music, and Design:												
NC Sch. of Arts	0.0	89.7	0.0	100.0	21.1	-	0.0	89.3	100.0	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	99.9	98.9	-	-
Community Colleges:												
SUBTOTAL	97.0	92.5	97.9	95.7	97.2	100.0	100.0	53.6	74.4	80.5	100.0	73.7
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	93.0	81.8	25.9	78.4	25.2	87.5	70.7	78.1	58.7	92.0	28.5	0.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	61.7	61.6	45.4	59.7	31.6	76.0	69.8	45.6	51.8	28.0	54.8	66.6
Junior Colleges:												
SUBTOTAL	100.0	82.6	-	0.0	12.8	0.0	0.0	-	100.0	0.0	-	-
GRAND TOTAL	82.9	79.9	83.8	78.9	37.0	81.1	75.4	67.5	66.2	62.9	63.3	57.7

Accessible Area by Student Service and Physical Plant Operations Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25c

INSTITUTION	Stud. Svc. Admin.	Social/Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Util- ities	Landscap. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	72.9	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Ashew'le-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Beaufort Co. CC	100.0	99.0	100.0	90.0	100.0	-	-	-	100.0	-	-	-
Bladen CC	100.0	94.3	100.0	100.0	100.0	-	-	-	0.0	100.0	-	100.0
Blue Ridge CC	100.0	99.2	100.0	-	100.0	-	-	-	100.0	26.4	-	-
Brunswick CC	100.0	100.0	93.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	71.3	-	-	100.0	9.7	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	87.9	-	-	-	-	-	-	100.0
Carteret CC	100.0	84.0	100.0	100.0	91.5	-	-	-	-	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	-	0.0	-	100.0	-	-
C. Piedmont CC	99.0	90.1	99.2	50.5	94.4	-	-	43.1	97.0	67.3	-	97.6
Cleveland CC	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.9	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	-	-	0.0	71.6	15.4	-	0.0
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Fayettev'le TCC	100.0	94.9	100.0	100.0	100.0	-	100.0	100.0	7.3	100.0	-	68.9
Forsyth TCC	100.0	100.0	100.0	100.0	98.1	-	-	100.0	100.0	100.0	-	-
Gaston Col.	100.0	90.8	100.0	100.0	98.9	-	100.0	-	72.1	-	-	76.4
Guilford TCC	100.0	100.0	86.3	100.0	95.2	-	100.0	-	10.1	100.0	-	5.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	100.0	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	100.0
Isothermal CC	100.0	57.4	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	99.4	88.6	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	98.1	-	-	-	100.0	100.0	-	0.0
Lenoir CC	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	100.0
Martin CC	76.6	76.5	81.5	100.0	100.0	-	-	100.0	83.3	100.0	-	-
Mayland CC	-	100.0	100.0	100.0	100.0	-	-	-	9.5	-	-	-
McDowell TCC	100.0	-	100.0	100.0	98.4	-	-	-	100.0	-	-	100.0
Mitchell CC	87.2	39.5	88.0	100.0	72.4	-	-	-	72.1	100.0	-	-
Montgomery CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	70.9	0.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	46.0	-	100.0	-	24.9	-	-	-
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.9	100.0	100.0	99.3	-	-	100.0	100.0	100.0	-	100.0
Rowan-Cab. CC	100.0	-	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Sandhills CC	100.0	98.3	93.8	100.0	99.9	-	-	-	96.3	100.0	100.0	100.0
Southeastern CC	100.0	94.1	80.5	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	-	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	84.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Tri-County CC	-	100.0	-	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	100.0	-	90.4	-	-	-	100.0	-	-	-
Wake TCC	100.0	99.3	100.0	100.0	100.0	-	100.0	100.0	59.1	-	-	100.0
Wayne CC	100.0	98.8	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	-	100.0	0.0	100.0	-	0.0
Wilkes CC	100.0	93.2	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-
TOTAL	97.0	92.5	97.9	95.7	97.2	100.0	100.0	53.6	74.4	80.5	100.0	73.7

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Inst.	Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	23.2	68.4	50.0	80.3	21.2	32.4	88.1	96.4	23.1	48.5	87.2	45.3
NC State Vet.	-	-	81.4	-	-	45.3	-	-	-	-	-	100.0
UNC-Chapel Hill	8.6	60.8	84.9	86.4	36.6	78.2	60.6	98.2	99.4	90.3	80.4	80.7
UNC-Health Aff.	-	43.7	67.1	100.0	79.5	100.0	100.0	100.0	38.0	95.7	85.7	3.4
SUBTOTAL	14.5	64.2	67.9	84.4	29.0	67.4	71.4	97.4	84.5	76.2	85.2	59.1
Doctoral Universities I and II:												
East Carolina	40.8	73.2	73.9	66.3	3.7	62.5	100.0	100.0	-	100.0	0.0	0.0
ECU-Health Aff.	-	-	68.6	-	100.0	94.3	100.0	100.0	-	-	100.0	-
UNC-Greensboro	81.1	99.0	98.3	24.3	100.0	36.0	78.0	-	-	-	28.0	49.1
SUBTOTAL	68.0	86.4	82.3	53.4	41.5	55.8	89.0	100.0	-	100.0	10.2	44.4
Master's (Comprehensive) Universities and Colleges I:												
Appalachian	100.0	100.0	91.4	100.0	33.5	100.0	100.0	100.0	-	100.0	-	88.4
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	-	-	-	29.1
NC A & T	100.0	100.0	91.7	100.0	63.8	73.3	100.0	100.0	-	100.0	-	34.7
NC Central	87.2	99.4	66.9	99.6	92.8	75.1	66.3	100.0	-	100.0	39.3	53.0
UNC-Charlotte	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
UNC-Pembroke	100.0	100.0	91.2	91.9	76.9	100.0	100.0	100.0	-	-	100.0	-
UNC-Wilmington	96.4	84.5	96.5	57.2	89.2	73.0	98.9	100.0	0.0	93.2	0.0	56.2
West'n Carolina	75.6	100.0	96.8	98.3	2.6	77.0	3.4	100.0	100.0	70.7	63.9	100.0
SUBTOTAL	94.7	97.3	90.7	95.3	41.3	83.3	88.5	100.0	77.0	77.4	53.2	64.8
Baccalaureate (Liberal Arts) Universities and Colleges I and II:												
Elizabeth City	99.7	100.0	96.7	100.0	17.1	100.0	100.0	100.0	-	-	100.0	-
UNC-Asheville	44.9	77.2	70.5	100.0	22.4	100.0	100.0	100.0	-	100.0	100.0	88.1
Winston-Salem	89.6	42.5	32.6	100.0	47.6	92.8	100.0	100.0	-	100.0	5.1	76.7
SUBTOTAL	81.0	66.9	63.7	100.0	31.4	96.3	100.0	100.0	-	100.0	8.2	78.8
Schools of Art, Music, and Design:												
NC Sch. of Arts	27.6	100.0	77.0	100.0	19.3	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals:												
UNC Hosp. at C. H.	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-	-	99.9
Community Colleges:												
SUBTOTAL	95.6	97.9	87.7	98.5	84.2	99.2	99.7	99.2	99.2	93.0	74.3	68.0
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	91.2	99.8	80.3	100.0	20.3	65.3	14.7	82.8	70.3	68.1	100.0	90.9
Gen. Baccalaureate Colleges:												
SUBTOTAL	60.0	64.2	46.9	60.2	11.2	27.8	54.6	54.0	3.9	35.1	14.0	36.7
Junior Colleges:												
SUBTOTAL	0.0	96.3	20.1	-	20.9	0.0	0.0	0.0	-	-	0.0	0.0
GRAND TOTAL	79.5	87.0	77.0	87.8	22.5	58.3	72.4	88.4	71.4	76.9	55.3	68.6

Accessible Area by Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25d

INSTITUTION	Exec.	Fin.	Gen. Adm.	Admin.	Fac/Staff	Public	Stud.	Stud.	Indep.	Ops.	Unassigned	
	Mgmt.	Mgmt. & Opns.	Log. Svc.	Comput. Spt.	Aux. Svcs.	Rela/Devel.	Recruit. Admiss.	Recd.	Inst.	Ext. Agency	Usable	Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	100.0	57.7	100.0	100.0	100.0	-	100.0	100.0	-
Anson CC	100.0	100.0	96.6	66.8	-	-	-	100.0	-	-	-	100.0
Ashley-Bun. TCC	19.8	100.0	80.4	0.0	83.2	0.0	100.0	100.0	-	100.0	0.0	0.0
Beaufort Co. CC	93.9	63.1	100.0	100.0	100.0	100.0	87.3	90.2	-	-	-	100.0
Bladen CC	98.3	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	100.0
Blue Ridge CC	100.0	100.0	91.4	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Brunswick CC	100.0	81.9	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Caldwell CC & TI	100.0	100.0	91.9	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	100.0	97.9	100.0	54.8	100.0	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	19.2
C. Carolina CC	98.6	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	0.0
C. Piedmont CC	100.0	100.0	82.9	98.7	100.0	100.0	100.0	98.4	-	-	-	78.1
Cleveland CC	99.0	100.0	77.9	100.0	100.0	100.0	100.0	100.0	-	100.0	60.1	-
Coastal Car. CC	100.0	100.0	79.4	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	99.1	-	100.0	100.0	-	97.9	-	-
Durham TCC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	0.0	-
Fayettev'le TCC	98.4	99.4	43.6	100.0	100.0	100.0	100.0	100.0	-	-	-	49.5
Forsyth TCC	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Gaston Col.	60.6	100.0	86.8	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford TCC	100.0	90.5	97.8	100.0	95.2	100.0	100.0	100.0	-	14.5	73.5	-
Halifax CC	98.1	100.0	99.4	100.0	92.4	100.0	100.0	100.0	-	-	100.0	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	52.6
Isothermal CC	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	74.5	-	-	100.0	-	100.0	-	-
Johnston CC	96.6	100.0	100.0	100.0	41.3	100.0	100.0	100.0	-	-	-	100.0
Lenoir CC	100.0	100.0	67.0	100.0	78.9	-	100.0	100.0	-	100.0	-	100.0
Martin CC	100.0	94.6	100.0	100.0	87.9	-	100.0	100.0	-	-	-	0.0
Mayland CC	100.0	100.0	58.3	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
McDowell TCC	92.6	97.9	79.4	100.0	97.0	100.0	-	100.0	-	100.0	100.0	-
Mitchell CC	57.1	100.0	29.1	-	42.0	-	100.0	100.0	-	100.0	34.1	-
Montgomery CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	0.0	-
Nash CC	98.2	100.0	85.4	100.0	68.1	100.0	100.0	100.0	-	-	-	-
Pamlico CC	100.0	94.3	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Piedmont CC	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	96.7	96.7	70.6	100.0	100.0	100.0	-	97.2	-	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Roanoke-Cho. CC	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Robeson CC	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Rockingham CC	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	79.4	-
Rowan-Cab. CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Sampson CC	98.5	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	82.1	100.0
Sandhills CC	100.0	100.0	100.0	100.0	4.7	100.0	100.0	100.0	-	100.0	-	-
Southeastern CC	100.0	100.0	73.3	96.0	-	100.0	100.0	100.0	-	-	100.0	67.4
Southwestern CC	100.0	94.2	98.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Stanly CC	100.0	100.0	98.5	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Surry CC	100.0	96.6	88.8	100.0	82.1	100.0	100.0	100.0	-	100.0	-	-
Tri-County CC	100.0	100.0	87.1	100.0	100.0	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	56.5	100.0	100.0	-	99.0	100.0	-	0.0	55.2	-
Wake TCC	100.0	100.0	51.4	100.0	100.0	100.0	100.0	85.2	-	-	100.0	100.0
Wayne CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	89.3	-	100.0	100.0	100.0	-	-	100.0	-
Wilkes CC	98.1	100.0	100.0	100.0	-	100.0	100.0	100.0	96.9	100.0	-	100.0
Wilson TCC	100.0	100.0	50.1	100.0	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	95.6	97.9	87.7	98.5	84.2	99.2	99.7	99.2	99.2	93.0	74.3	68.0

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. 117-118 lists all of the room codes which comprise the summary codes used in this table.

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Table 26

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Research Univ. I:										
NC State	3,449,309	53.1	183,328	89.3	920,695	71.4	872,250	68.2	229,712	89.1
NC State Vet.	202,552	74.4	7,500	98.0	46,570	65.7	33,997	84.6	15,130	98.4
UNC-Chapel Hill	3,448,255	67.1	163,790	78.3	369,936	87.3	786,079	76.3	492,019	78.2
UNC-Health Aff.	1,117,912	66.7	44,794	85.4	321,355	64.9	437,256	66.4	24,459	39.0
SUBTOTAL	8,218,028	60.5	399,412	84.2	1,658,556	72.8	2,129,582	70.8	761,320	78.9
Doctoral Univ. I and II:										
East Carolina	1,827,030	74.2	153,175	92.0	255,834	90.6	324,924	78.4	202,066	98.9
ECU-Health Aff.	534,663	94.3	30,524	100.0	130,824	99.9	190,442	98.3	35,480	99.5
UNC-Greensboro	1,353,207	69.5	121,782	97.8	165,697	89.9	294,592	81.8	135,014	83.7
SUBTOTAL	3,714,900	74.7	305,481	95.0	552,355	92.4	809,958	83.7	372,560	92.9
Master's (Comp.) Univ./Colleges I:										
Appalachian Fayetteville	1,425,612	66.8	148,281	88.9	184,728	94.1	346,890	91.1	50,511	97.8
NC A & T	383,974	55.5	45,030	79.6	46,989	83.7	100,955	88.2	53,807	93.4
NC Central	1,248,892	78.7	88,224	87.9	228,835	85.5	268,054	92.0	115,613	95.7
UNC-Charlotte	774,851	76.3	75,699	82.1	77,078	84.0	166,041	83.0	103,417	96.5
UNC-Pembroke	1,687,442	88.3	105,024	99.9	256,818	99.9	333,062	98.0	114,049	100.0
UNC-Wilmington	382,785	74.2	47,510	96.8	35,147	94.3	96,150	94.4	41,790	97.7
West'n Carolina	788,793	69.0	68,461	89.6	108,276	87.9	196,953	88.4	65,015	58.1
SUBTOTAL	1,107,552	69.6	82,639	91.2	130,941	97.0	198,108	87.8	126,047	99.9
Univ./Colleges I and II:										
Elizabeth City	430,543	73.1	34,232	82.2	65,882	98.3	73,618	93.2	35,672	91.4
UNC-Asheville	513,829	87.8	38,597	100.0	62,574	99.5	83,096	91.1	70,778	93.8
Winston-Salem	484,895	70.5	29,970	59.8	19,081	42.3	99,511	71.0	47,546	96.2
SUBTOTAL	1,429,267	76.8	102,799	78.8	147,537	84.3	256,225	82.5	153,996	93.9
Schools of Art, Music, and Design:										
NC Sch. of Arts	343,927	75.1	18,201	94.3	140,945	97.9	39,719	81.0	18,073	95.0
Teaching Hospitals:										
UNC Hosp. at C. Hill	885,461	99.6	8,370	100.0	9,586	100.0	254,424	99.6	2,815	100.0
Community Colleges:										
SUBTOTAL	10,674,630	95.3	2,351,589	97.0	3,479,324	96.9	1,837,050	96.8	819,025	97.8
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	7,293,175	75.5	295,700	90.8	876,835	92.5	2,193,641	89.7	651,578	96.7
Gen. Baccalaureate Colleges:										
SUBTOTAL	6,326,711	49.5	573,413	64.7	599,773	65.4	889,148	60.1	664,462	81.3
Junior Colleges:										
SUBTOTAL	111,694	38.2	15,480	87.1	7,342	54.9	19,387	62.5	14,664	99.1
GRAND TOTAL	46,797,694	70.6	4,731,313	88.5	8,541,065	86.8	10,140,000	82.3	4,128,742	89.2

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Table 26

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Research Univ. I:												
720,307	52.9	272,718	55.9	118,294	32.0	13,353	85.7	69,066	6.1	49,586	51.5	NC State
27,228	48.4	6,937	92.4	5,387	53.7	58,921	93.1	179	100.0	703	100.0	NC State Vet.
590,091	91.0	494,578	83.3	247,315	78.7	18,152	100.0	206,542	17.6	79,753	79.4	UNC-Chapel Hill
38,365	49.9	31,591	81.5	20,800	59.5	79,612	77.9	-	-	119,680	77.1	UNC-Health Aff.
1,375,991	64.2	805,824	71.5	391,796	53.8	170,038	85.3	275,787	11.9	249,722	70.8	SUBTOTAL
Doctoral Univ. I/II:												
254,514	89.1	214,631	82.9	83,609	74.7	2,984	49.9	335,293	46.7	0	0.0	East Carolina
19,351	64.3	6,004	100.0	27,299	60.9	93,542	99.5	-	-	1,197	100.0	ECU-Health Aff.
151,914	91.8	188,649	65.1	67,989	75.7	8,684	96.6	211,242	38.7	7,644	46.8	UNC-Greensboro
425,779	88.5	409,284	73.8	178,897	72.6	105,210	96.6	546,535	43.2	8,841	28.0	SUBTOTAL
Master's (Comp.) Univ./Colleges I:												
119,579	68.7	266,959	78.1	79,119	87.6	11,733	99.6	199,911	28.6	17,901	88.4	Appalachian
67,439	80.3	34,817	41.4	16,311	60.2	0	0.0	8,146	4.7	10,480	29.1	Fayetteville
167,280	84.4	160,619	91.9	27,185	88.6	6,148	100.0	172,664	48.6	14,270	34.7	NC A & T
97,899	84.2	96,637	90.5	21,087	73.6	4,314	91.3	128,030	49.3	4,649	59.4	NC Central
130,519	96.7	314,916	99.3	24,805	100.0	4,831	100.0	371,025	63.9	32,393	100.0	UNC-Charlotte
63,437	96.7	76,096	86.2	14,262	92.6	1,396	46.2	6,997	6.2	-	-	UNC-Pembroke
66,819	67.6	110,323	88.4	32,466	78.1	1,185	86.3	133,591	40.4	5,704	48.4	UNC-Wilmington
103,056	70.5	223,234	86.3	61,514	88.2	1,924	48.6	150,241	29.8	29,848	97.4	West'n Carolina
816,028	80.1	1,283,601	85.8	276,749	84.3	31,531	79.4	1,170,605	38.8	115,245	64.0	SUBTOTAL
Bacc. (L. Arts) Univ./Coll. I/II:												
59,106	91.1	87,286	92.2	14,929	95.0	0	0.0	59,818	32.9	-	-	Elizabeth City
62,692	78.8	72,013	96.3	17,443	95.8	1,177	100.0	97,977	72.7	7,482	88.2	UNC-Asheville
56,179	96.1	101,712	93.3	19,704	74.6	0	0.0	83,261	53.0	27,931	56.4	Winston-Salem
177,977	87.7	261,011	93.7	52,076	86.3	1,177	13.8	241,056	50.9	35,413	61.0	SUBTOTAL
Schools of Art, Music, and Design:												
7,839	52.6	63,489	77.8	14,873	100.0	0	0.0	20,064	21.7	20,724	99.5	NC Sch. of Arts
Teaching Hospitals:												
3,005	100.0	21,460	100.0	81,452	99.9	455,256	99.5	3,879	100.0	45,214	99.9	UNC Hosp. at C. Hill
Community Colleges:												
501,006	90.3	1,149,828	95.3	420,368	80.2	1,904	100.0	3,896	34.4	110,640	69.6	SUBTOTAL
PRIVATE INSTITUTIONS												
Major Research Universities:												
386,880	72.5	749,955	78.9	380,456	68.0	1,293,115	97.9	228,107	13.9	236,908	91.0	SUBTOTAL
Gen. Baccalaureate Colleges:												
1,066,044	77.3	1,403,264	65.9	210,059	48.1	28,514	67.6	831,962	18.7	60,072	24.8	SUBTOTAL
Junior Colleges:												
0	0.0	50,245	74.2	3,268	70.0	0	0.0	1,308	1.4	0	0.0	SUBTOTAL
4,760,549	75.0	6,197,961	78.3	2,009,994	67.3	2,086,745	95.6	3,323,199	24.9	882,779	64.0	GRAND TOTAL

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Table 26

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	174,973	98.3	40,139	99.5	75,600	99.8	27,363	93.4	8,014	100.0
Anson CC	59,636	92.1	12,397	93.7	19,677	98.1	10,625	76.3	6,170	100.0
Ashev'le-Bun. TCC	313,086	94.2	68,587	99.3	120,359	96.3	46,503	87.2	19,790	100.0
Beaufort Co. CC	127,001	97.1	24,225	97.7	41,596	98.6	26,807	91.4	9,194	100.0
Bladen. CC	97,807	97.0	16,299	100.0	33,728	98.8	15,590	98.5	5,114	100.0
Blue Ridge CC	227,349	99.7	48,854	100.0	82,176	100.0	28,840	99.7	14,137	100.0
Brunswick CC	144,276	93.9	30,535	99.0	34,113	92.7	25,114	96.5	7,996	100.0
Caldwell CC & TI	234,835	93.6	46,684	99.9	77,354	96.4	36,485	99.7	17,263	100.0
Cape Fear CC	221,354	96.8	52,898	98.3	84,765	95.2	46,429	98.4	13,067	100.0
Carteret CC	105,493	89.9	19,140	92.0	35,329	99.0	13,519	92.4	6,593	100.0
Catawba Vy. CC	270,614	96.9	50,016	100.0	104,865	100.0	40,373	100.0	15,702	100.0
C. Carolina CC	216,858	98.2	48,762	100.0	78,672	97.7	31,965	98.1	13,347	99.1
C. Piedmont CC	682,653	96.6	175,913	100.0	207,318	99.4	125,693	94.5	56,275	99.0
Cleveland CC	134,145	98.1	20,293	94.1	45,034	100.0	18,264	99.0	15,613	100.0
Coastal Car. CC	195,065	99.5	45,806	100.0	73,741	100.0	35,039	97.3	15,190	100.0
Col. Albemarle	135,268	99.9	24,229	100.0	32,603	99.7	25,054	100.0	18,675	100.0
Craven CC	108,970	99.6	29,847	100.0	37,577	98.9	15,779	99.7	15,145	100.0
Davidson Co. CC	223,548	97.1	52,387	100.0	68,691	91.7	43,417	99.8	17,533	98.5
Durham TCC	220,414	93.1	56,348	100.0	73,472	100.0	45,221	97.2	13,397	100.0
Edgecombe CC	106,671	84.8	22,843	80.0	30,424	81.4	19,049	98.2	10,720	97.5
Fayettev'le TCC	416,135	94.2	111,164	97.7	133,733	99.6	73,753	98.5	21,048	100.0
Forsyth TCC	392,390	98.6	99,044	99.9	133,789	96.7	76,874	99.8	20,958	100.0
Gaston Col.	239,490	88.4	57,115	95.3	77,590	78.3	36,996	94.0	24,138	100.0
Guilford TCC	516,790	91.5	137,444	90.0	183,026	94.8	97,253	95.2	28,951	88.5
Halifax CC	122,762	99.0	26,789	98.0	37,458	100.0	22,815	99.7	10,691	100.0
Haywood CC	203,599	92.0	21,488	88.8	88,548	97.8	28,323	97.8	6,490	100.0
Isothermal CC	150,754	89.2	24,713	94.1	56,719	91.3	20,596	98.7	3,004	25.5
J. Sprunt CC	101,072	94.0	23,097	96.7	23,185	91.5	26,500	93.0	11,670	100.0
Johnston CC	187,760	96.8	39,547	99.6	55,076	97.4	21,588	99.1	10,579	100.0
Lenoir CC	229,773	95.9	63,576	98.4	46,795	92.6	36,256	96.1	15,255	100.0
Martin CC	144,172	83.7	14,624	86.9	45,120	99.7	17,478	94.0	12,823	100.0
Mayland CC	82,459	95.5	22,770	100.0	15,374	89.9	16,114	100.0	9,611	100.0
McDowell TCC	82,423	96.8	12,079	90.6	31,002	98.4	15,405	98.1	5,186	100.0
Mitchell CC	143,586	77.6	38,064	89.2	35,094	88.1	24,617	88.0	13,351	100.0
Montgomery CC	79,101	98.0	11,872	91.1	28,668	100.0	13,468	100.0	9,186	100.0
Nash CC	107,955	98.8	27,545	100.0	39,886	99.9	17,006	98.1	12,620	100.0
Pamlico CC	27,166	95.7	5,073	100.0	9,166	100.0	5,298	98.7	4,549	100.0
Piedmont CC	108,544	98.3	20,755	98.3	36,853	96.9	17,533	99.1	8,205	100.0
Pitt CC	181,057	96.5	41,241	100.0	63,908	100.0	41,577	90.0	19,065	96.9
Randolph CC	185,941	99.9	40,050	99.5	78,476	100.0	30,846	100.0	10,095	100.0
Richmond CC	104,408	93.1	20,317	92.2	31,574	95.8	22,990	95.8	10,203	93.2
Roanoke-Cho. CC	96,135	96.3	11,356	100.0	45,523	100.0	13,095	99.8	9,492	100.0
Robeson CC	137,083	97.6	27,165	100.0	42,734	99.9	25,193	99.9	11,650	100.0
Rockingham CC	204,357	92.5	38,333	96.2	59,707	93.3	30,029	98.2	15,468	100.0
Rowan-Cab. CC	209,394	100.0	49,426	100.0	74,735	100.0	30,299	100.0	17,720	100.0
Sampson CC	108,340	98.5	31,394	100.0	19,286	97.6	24,728	99.8	11,242	100.0
Sandhills CC	219,444	95.7	56,774	98.5	52,887	98.9	41,541	97.9	20,009	100.0
Southeastern CC	135,555	93.2	32,836	85.7	38,727	98.9	23,763	92.0	13,138	99.2
Southwestern CC	160,855	96.1	37,398	100.0	42,798	92.7	30,866	99.3	12,299	100.0
Stanly CC	106,534	99.6	24,975	100.0	33,488	100.0	25,245	98.2	7,372	100.0
Surry CC	171,384	95.0	30,499	82.7	57,630	98.4	29,826	96.2	16,145	100.0
Tri-County CC	88,945	96.9	28,532	98.8	27,227	99.5	10,233	98.1	5,527	85.3
Vance-Granv. CC	165,134	96.1	34,354	98.7	61,203	100.0	29,523	99.2	8,809	79.7
Wake TCC	329,666	94.4	63,751	93.5	79,508	93.5	56,986	99.2	35,989	100.0
Wayne CC	214,152	99.9	38,646	100.0	79,924	100.0	38,165	100.0	21,315	100.0
W. Piedmont CC	155,908	96.8	39,119	100.0	47,272	99.9	32,271	99.3	17,122	100.0
Wilkes CC	239,306	97.7	37,861	96.9	59,618	98.6	35,982	98.9	18,715	100.0
Wilson TCC	125,085	98.6	24,601	100.0	48,923	100.0	18,890	95.6	10,400	99.5
TOTAL	10,674,630	95.3	2,351,589	97.0	3,479,324	96.9	1,837,050	96.8	819,025	97.8

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Table 26

Special Use Facilities (500)		General Use Facilities (600)		Support Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
<u>Community Colleges:</u>												
6,886	100.0	11,171	100.0	5,723	100.0	-	-	0	0.0	77	100.0	Alamance CC
560	100.0	4,171	88.4	2,258	98.4	-	-	-	-	3,778	100.0	Anson CC
29,141	100.0	18,413	97.0	10,293	86.4	-	-	-	-	0	0.0	Ashev'le-Bun. TCC
400	100.0	14,781	99.5	9,648	100.0	-	-	-	-	350	100.0	Beaufort Co. CC
-	-	13,586	96.1	9,311	83.6	-	-	-	-	4,179	100.0	Bladen CC
6,496	100.0	20,983	99.8	15,045	95.9	-	-	-	-	10,818	100.0	Blue Ridge CC
1,462	100.0	32,966	85.8	6,306	100.0	112	100.0	-	-	5,672	100.0	Brunswick CC
16,269	98.9	35,961	94.2	4,749	30.7	-	-	-	-	70	100.0	Caldwell CC & TI
1,333	100.0	7,837	88.4	3,304	100.0	-	-	0	0.0	11,721	100.0	Cape Fear CC
1,275	14.3	9,886	90.4	19,118	100.0	-	-	-	-	633	100.0	Carteret CC
36,825	100.0	17,757	100.0	3,004	100.0	-	-	-	-	2,072	19.2	Catawba Vy. CC
11,465	100.0	30,630	100.0	2,017	94.4	-	-	-	-	0	0.0	C. Carolina CC
28,525	85.1	56,342	95.1	22,233	85.2	-	-	-	-	10,354	78.1	C. Piedmont CC
11,377	100.0	14,952	100.0	8,380	87.6	-	-	-	-	232	100.0	Cleveland CC
4,032	100.0	15,500	100.0	5,597	100.0	-	-	-	-	160	100.0	Coastal Car. CC
159	100.0	26,120	100.0	8,428	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	7,487	100.0	1,338	100.0	-	-	-	-	-	-	Craven CC
15,364	100.0	15,475	98.8	10,681	100.0	-	-	-	-	-	-	Davidson Co. CC
2,129	100.0	17,970	99.0	5,063	25.4	-	-	-	-	6,814	100.0	Durham TCC
1,346	100.0	13,991	100.0	8,298	100.0	-	-	-	-	0	0.0	Edgecombe CC
16,852	86.1	36,770	100.0	15,590	57.8	378	100.0	-	-	6,847	49.5	Fayettev'le TCC
15,686	98.2	35,315	98.8	10,724	100.0	-	-	-	-	-	-	Forsyth TCC
6,149	75.4	28,052	95.1	8,702	87.4	748	100.0	-	-	-	-	Gaston Col.
7,373	79.9	46,838	95.1	10,260	54.7	-	-	3,124	100.0	2,521	73.5	Guilford TCC
4,975	100.0	10,155	99.4	8,655	93.7	-	-	-	-	1,224	100.0	Halifax CC
17,265	62.9	32,282	100.0	8,073	85.7	-	-	233	100.0	897	52.6	Haywood CC
25,791	100.0	11,895	84.2	8,036	100.0	-	-	-	-	-	-	Isothermal CC
4,468	100.0	9,108	94.7	3,044	74.5	-	-	-	-	-	-	J. Sprunt CC
10,469	100.0	30,202	100.0	19,096	86.4	-	-	0	0.0	1,203	100.0	Johnston CC
24,815	100.0	31,706	98.6	7,620	71.1	-	-	-	-	3,750	100.0	Lenoir CC
2,340	49.4	47,087	79.3	4,700	87.2	-	-	-	-	0	0.0	Martin CC
6,248	100.0	9,798	100.0	1,261	36.6	-	-	-	-	1,283	100.0	Mayland CC
1,514	100.0	11,035	99.7	3,870	85.8	-	-	-	-	2,332	100.0	McDowell TCC
9,765	59.5	17,100	59.0	4,254	35.5	-	-	-	-	1,341	34.1	Mitchell CC
2,120	100.0	8,827	100.0	4,960	90.9	-	-	-	-	-	-	Montgomery CC
-	-	3,369	94.4	7,529	91.7	-	-	-	-	-	-	Nash CC
140	100.0	1,973	100.0	967	45.5	-	-	-	-	-	-	Pamlico CC
8,814	100.0	12,633	98.9	3,751	100.0	-	-	-	-	-	-	Piedmont CC
4,408	77.8	7,253	100.0	3,605	100.0	-	-	-	-	-	-	Pitt CC
4,326	100.0	13,839	100.0	8,309	100.0	-	-	-	-	-	-	Randolph CC
4,082	100.0	8,834	88.3	6,308	79.1	100	100.0	-	-	-	-	Richmond CC
1,087	100.0	10,014	100.0	5,568	100.0	-	-	-	-	0	0.0	Roanoke-Cho. CC
2,734	100.0	21,305	86.8	6,302	100.0	-	-	-	-	-	-	Robeson CC
26,356	72.4	25,110	99.2	9,092	100.0	-	-	-	-	262	79.4	Rockingham CC
4,267	100.0	19,845	100.0	3,111	100.0	-	-	-	-	9,991	100.0	Rowan-Cab. CC
2,787	71.0	10,003	100.0	3,040	100.0	-	-	-	-	5,860	100.0	Sampson CC
10,255	83.6	29,968	99.1	7,471	97.9	-	-	539	9.7	-	-	Sandhills CC
11,310	99.4	10,797	100.0	4,344	75.1	-	-	-	-	640	67.4	Southeastern CC
8,352	100.0	24,825	100.0	4,317	59.7	-	-	-	-	-	-	Southwestern CC
1,644	100.0	11,904	100.0	1,906	100.0	-	-	-	-	-	-	Stanly CC
17,706	100.0	14,486	97.0	5,092	100.0	-	-	-	-	-	-	Surry CC
-	-	10,600	100.0	6,826	85.1	-	-	-	-	-	-	Tri-County CC
1,351	100.0	26,776	97.2	3,054	51.0	-	-	-	-	64	55.2	Vance-Granv. CC
21,433	99.7	48,456	99.8	9,382	50.7	328	100.0	-	-	13,833	100.0	Wake TCC
4,499	100.0	17,184	99.3	14,288	100.0	131	100.0	-	-	-	-	Wayne CC
4,932	96.7	13,560	100.0	1,632	25.5	-	-	-	-	-	-	W. Piedmont CC
26,962	99.9	42,107	93.0	16,399	100.0	-	-	-	-	1,662	100.0	Wilkes CC
890	100.0	12,838	100.0	8,436	91.2	107	100.0	-	-	-	-	Wilson TCC
501,006	90.3	1,149,828	95.3	420,368	80.2	1,904	100.0	3,896	34.4	110,640	69.6	TOTAL

Institutional Index

Institution	Type *	Fice Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Graham 27253	06
Anson Community College	1-3	007985	Anson	Polkton 28135	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27401	06
Bladen Community College	1-3	007897	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-2	002912	Transylvania	Brevard 28712	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 College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	12
Chowan College	2-2	002916	Hertford	Murfreesboro 27855	01
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	03
Craven Community College	1-3	008086	Craven	New Bern 28562	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27293	06
Duke University	2-1	002920	Durham	Durham 27708	02
Duke Medical Center	2-2		Durham	Durham 27708	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-1	002923	Pitt	Greenville 27858	01
ECU-Health Affairs	1-1		Pitt	Greenville 27858	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01

Institutional Index

Institution	Type*	Fice Code	County	City	Congr. Dist.**
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	06
Gardner-Webb University	2-2	002929	Cleveland	Boiling Springs 28017	09
Gaston College	1-2	002973	Gaston	Dallas 28034	09
Greensboro College	2-2	002930	Guilford	Greensboro 27401	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02
Lees-McRae College	2-2	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28502	03
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	12
Louisburg College	2-3	002943	Franklin	Louisburg 27549	02
Mars Hill College	2-2	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
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28311	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat College	2-2	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	02
N. C. A&T State University	1-2	002905	Guilford	Greensboro 27411	12
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	06
N. C. State University	1-1	002972	Wake	Raleigh 27695	04

Institutional Index

Institution	Type*	Fice Code	County	City	Congr. Dist.**
NCSU Veterinary School	1-1		Wake	Raleigh 27695	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27804	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Peace College	2-2	002953	Wake	Raleigh 27604	04
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	05
Pitt Community College	1-3	004062	Pitt	Greenville 27835	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
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
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28145	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	02
Shaw University	2-2	002962	Wake	Raleigh 27601	04
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	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27402	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27599	04
U. of N. C. at Pembroke	1-2	002954	Robeson	Pembroke 28372	07
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28403	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04

Institutional Index

Institution	Type*	Fice Code	County	City	Congr. Dist.**
Warren Wilson College	2-2	002979	Wilson	Swannanoa 28815	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27533	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	02
Wingate University	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27110	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 1990 census.

Bibliography

- Collier, Douglas J. Program Classification Structure: Second Edition. Technical Report 106. Boulder: National Center for Higher Education Management Systems, 1978.
- Dahnke, Harold L.; Jones, Dennis P.; Mason, Thomas R.; and Romney, Leonard C. Higher Education Facilities Planning and Management Manuals. Boulder: Western Interstate Commission for Higher Education, 1971.
- National Center for Educational Statistics, U. S. Office of Education. Inventory of Physical Facilities in Institutions of Higher Education, Fall 1974. Washington, D. C.: Government Printing Office, 1977.
- National Center for Education Statistics and the State Higher Education Executive Officers. Postsecondary Education Facilities Inventory and Classification Manual. 1992.
- State Commission on Higher Education Facilities. Facilities Inventory and Utilization Manual, 5th ed. Chapel Hill: UNC-General Administration, 1993.
- The University of North Carolina. Statistical Abstract of Higher Education in North Carolina, 1998-99. Chapel Hill, N. C.: UNC-General Administration, 1999.
- U. S. Office of Education. Federal Support for Higher Education Construction: Current Programs and Future Needs. Washington, D. C.: Government Printing Office, 1969.
- U. S. Office of Education. Facilities Inventory and Classification Manual, 1973. Washington, D. C.: Government Printing Office, 1974.
- Wheeler, Charles L., "Facilities Analysis: A Tool in Strategic Planning," in Using Research for Strategic Planning, New Directions for Institutional Research, no. 37, ed. by N. P. Uhl. San Francisco: Josey-Bass, 1983.
- Wolfsberg, Rolf M. and Richard J. Petersen, The Impact of Section 504 of the Rehabilitation Act of 1973 on American Colleges and Universities: Technical Report. Washington, D. C.: Government Printing Office, 1979.

Index

- Academic administration (subprogram), 102, 104-107, 184-187
- Academic computer support (subprogram), 102, 104-107, 184-187
- Academic facilities, 17, 20-23
per FTE student, 18-23
- Academic personnel development (subprogram), 103-107, 184-187
- Academic support:
program, 87, 89-91, 176-177
subprograms, 102-107, 184-187
- Accessibility of facilities to mobility impaired, 169-173, 175-197
- Address, institutional, 198-200
- Administrative computer support (subprogram), 112-114-115, 190-191
- Age of buildings, 152-155
- Ancillary support (subprogram), 102, 104-107, 184-187
- Assignable square feet, 81-85, 170-173
distribution among programs, 86-115
distribution among room codes, 116-123
per student station, 65-67, 124, 129
to gross square feet (ratio), 81-85
- Assignable square feet of academic facilities: See "Academic facilities"
- Average weekly room hours of instruction:
in classrooms, 24-29, 62, 65
in class labs, 30-35, 63, 65
- Average weekly use of student stations:
in classrooms, 36-41, 65
in class labs, 42-47, 65
- Building cost, 142-151
- Building maintenance (subprogram), 109-111, 188-189
- Buildings:
age of, 152-155
condition of, 156-159, 161-165
number of, 144-151
- Capacity/enrollment ratio, 9-15
- Class laboratories:
number of, 132-135
stations in, 130-135
utilization, 30-35, 42-47, 48-53, 55-61, 63, 65
- Classrooms:
accessibility to mobility impaired, 194, 196
number of, 126-129
space, 116, 120, 122
stations in, 124-129
utilization, 24-29, 36-41, 48-53, 55-58, 60-62, 65
- Clock hours: See "Student clock hours"
- Community services (subprogram), 95-97, 99-101, 179, 181, 182-183
- Condition of buildings, 156-160, 161-165
- Conference rooms, 66-67
- Construction costs, 142-143
- Cooperative extension services (subprogram), 95, 97, 99, 100, 179, 181-182
- Cost:
of construction, 142-151
to renovate or replace, 161-165
- Counseling & career guidance (subprogram), 108, 110-111, 188-189
- Course & curriculum development (subprogram), 103-107, 184-187
- Custodial services (subprogram), 109-111, 188-189
- Daytime instruction, 24, 26, 42
in classrooms, 25-29, 38-41
in class labs, 31-35, 44-47
- Dining areas, 67
- Direct patient care (subprogram), 94, 97, 99, 179, 181
- Educational media services (subprogram), 102, 104-107, 184-187
- Enrollments:
headcount, 7
full-time equivalent (FTE), 18, 20-23, 69-77
- Estimated replacement cost: See "Replacement value"
- Executive management (subprogram) 112, 114-115, 190-191
- Extension services: See "Cooperative extension service"

- Faculty & staff auxiliary services (subprogram), 112, 114-115, 190-191
- FCAP, 156-160
- Financial aid administration (subprogram), 108, 110-111, 188-189
- Food facilities, 67
- Full-time equivalent (FTE) enrollment, 18, 20-23, 69-77
- General academic instruction (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183
- General studies, nondegree (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183
- General use facilities, 67, 116-119, 121, 123, 195, 197
- Gross square feet, 81-85, 144-151
- Headcount enrollments, 70
- Health care supportive services (subprogram), 94, 97-, 99, 179, 181
- Home & family life instruction, nondegree (subprogram), 94, 96, 98, 100-101, 178, 180, 182-183
- High school enrollments, 4-5, 21
- Independent operations:
 program, 88-91, 176-177
 subprograms, 113-115, 190-191
- Independent operations/external agencies (subprogram), 113-115, 190-191
- Independent operations/institutional (subprogram), 113-114, 190
- Individual or project research (subprogram), 94, 97, 99, 179, 181
- Institutes & research centers (subprogram), 94, 97, 99, 179, 181
- Institutional administration:
 program, 87, 89-91, 176-177
 subprograms, 112-115, 190-191
- Instruction:
 program, 87, 89-91, 176-177
 subprograms, 93-94, 96, 98, 100-101, 178, 180, 182-183
- Instructional & library space, 9, 12-15
- Intercollegiate athletics (subprogram), 108, 110-111, 188-189
- Laboratories, 116-120, 11, 194, 196
 See also "Class laboratories"
- Landscape & ground maintenance (subprogram), 109-111, 188-189
- Libraries, 65-66
- Library service (subprogram), 102, 104-107, 184-187
- Limitations and special situations, 4-5
- Lounges, 67
- Major repairs & renovations (subprogram), 109
- Medical care facilities, 116-119, 121, 123, 195, 197
- Medical schools, 2, 4, 21
- Museums & galleries (subprogram), 102-104-107, 184-187
- Net-to-gross ratio, 81-85
- Nighttime instruction, 24, 36, 42
 in classrooms, 25-29, 38-41
 in class labs, 31-35
- Occupation-related instruction, nondegree (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183
- Offices, 66, 117-120, 122, 194, 196
- Ownership of buildings, 139-141
- Parking decks, 81
- Percent student station utilization, 48-43, 62-63
- Personal interest & leisure instruction, nondegree (subprogram), 94, 96, 98, 100-101, 178, 180, 182-183
- Physical plant administration (subprogram), 109-111, 188-189
- Physical plant operations:
 program, 87, 88-91, 176-177
 subprograms, 109-111, 188-189
- Potential student hours of instruction, 48
- Program classification structure, 86-88, 93-95, 102-103, 108-109, 112-113
- Public broadcasting services (subprogram), 95, 97, 99, 101, 179, 181, 183
- Public relations/development (subprogram), 112, 114-115, 190-191
- Public services:
 program, 87, 89-91, 176-177

subprograms, 94-95, 97, 99-101, 179, 181-183
 Recreation facilities, 67
 Renovations, 81, 161-165
 Replacement value, 142-151
 Requisite preparatory/remedial instruction,
 (subprogram), 93, 96, 98, 100-101, 178, 180,
 182-183
 Research:
 program, 87-89-91, 176-177
 subprograms, 94, 97, 99, 179, 181
 Residential facilities, 67, 116-119, 121, 123, 195,
 197
 Room codes, 117, 118
 Room hours of instruction, total:
 in classrooms, 24, 26-29, 62
 in class labs, 30, 32-35, 63

 Secondary level enrollments, 4-5, 21
 Section 504 of the Rehabilitation Act of 1973,
 169, 175, 193
 Social & cultural development (subprogram),
 108, 110-111, 188-189
 Social roles/interaction instruction, nondegree
 (subprogram), 93-94, 96, 98, 100-101, 178,
 180, 182-183
 Space factors, 58-63
 Space standards, 64-68
 Special use facilities, 116-119, 121, 123, 195,
 197
 Square feet: See "Assignable square feet,"
 "Gross square feet"
 Stations: See "Student stations"
 Student auxiliary services (subprograms), 108,
 110-111, 188-189
 Student clock hours, 10, 12-15, 55-57
 Student financial support, 88
 Student health/medical services (subprogram),
 108-111, 188-189
 Student records (subprogram), 113-115, 190-191
 Student recruitment & admissions (subprogram),
 112, 114-115, 190-191
 Student services:
 program, 87, 89-91, 176-177
 subprograms, 108-111, 188-189
 Student stations, 36-41, 42-47, 126-129, 132-135
 assignable square feet per, 65-67, 124-129,
 130-135
 Study facilities, 116-120, 122, 194, 196
 Supporting facilities, 116-119, 121, 123, 195,
 197
 Unassigned space:
 program, 88-91, 176-177
 subprogram, 113-115, 190-191
 Unclassified space, 116-119, 121, 123, 195, 197
 Utilities (subprogram), 109-110, 188

 Vocational/technical instruction (subprogram),
 93, 96, 98, 100-101, 178, 180, 182-183



U.S. Department of Education
Office of Educational Research and Improvement (OERI)
National Library of Education (NLE)
Educational Resources Information Center (ERIC)



NOTICE

REPRODUCTION BASIS



This document is covered by a signed “Reproduction Release (Blanket) form (on file within the ERIC system), encompassing all or classes of documents from its source organization and, therefore, does not require a “Specific Document” Release form.



This document is Federally-funded, or carries its own permission to reproduce, or is otherwise in the public domain and, therefore, may be reproduced by ERIC without a signed Reproduction Release form (either “Specific Document” or “Blanket”).