



SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION

*Promoting quality and efficiency in higher education
through advocacy and accountability*



HIGHER EDUCATION FACILITIES STATISTICAL ABSTRACT SOUTH CAROLINA PUBLIC COLLEGES & UNIVERSITIES

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HIGHER EDUCATION FACILITIES ABSTRACT SOUTH CAROLINA PUBLIC COLLEGES & UNIVERSITIES 2007

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Bond Hall
The Citadel, The Military College of South Carolina
Charleston, SC
(Cover Page)

The Citadel, The Military College of South Carolina, is a unique public institution with the mission of educating principled leaders through its Corps of Cadets and College of Graduate and Professional Studies programs. Located in historic Charleston, S.C., The Citadel offers undergraduate and graduate degrees in the humanities, business, math, science, engineering and education. The Citadel's reputation for academic excellence is reinforced by annual rankings from U.S. News & World Report that, in 2007, placed The Citadel as number three in public colleges granting master's degrees in the South. The engineering school is nationally ranked at number 36. Overall, the college was ranked as the number two best value in the South.

With an enrollment of more than 1900, the Corps of Cadets is the nation's largest military college program outside the service academies. All cadets are educated within a classic military system and about 40 percent of the graduating seniors earn military commissions. The remaining graduates attend graduate school or enter the job market.

The College of Graduate and Professional Studies, which is noted for Citadel excellence in a civilian environment, serves about 1200 residents of South Carolina's Lowcountry. Academic programs at the college are complemented by a strong commitment to service and emphatic support of an honor code that calls upon a cadet not to lie, cheat or steal or tolerate those who do. Since its founding in 1842, The Citadel's emphasis on character as well as intellect has produced generations of graduates who have served their nation, their professions, and their communities with distinction.

The bronze eagle that keeps watch from the top of Bond Hall's parapet gives The Citadel's oldest academic building its distinctive trademark. The building faces Summerall Field, the parade ground in the center of campus, where the Corps of Cadets assembles for military dress parades most Friday afternoons during the school year.

Architecturally, Bond Hall reflects a Spanish Moorish style that is carried out on most campus buildings and replicates the style of the original Citadel established in 1842 in downtown Charleston. The 98,300 square-foot building houses both academic and administrative support services and includes classrooms, offices, an auditorium and several seminar rooms. As home to the president's office, The Citadel School of Business, information technology services, admissions and other administrative units, Bond Hall is one of the busiest facilities on campus.

The two wings of Bond Hall were among the first buildings to be constructed when the campus moved in 1922 from its historic home on Marion Square to the banks of the Ashley River. The central portion joining the two wings was added in 1939. The entire building was renovated in 1993.

Bond Hall is named for Oliver J. Bond who graduated from The Citadel in 1886, taught mathematics and eventually became president of the college, serving in that capacity from 1908 until 1931.

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FOREWORD

The facilities of an educational institution affect all segments of the institution and must provide a level of service necessary to support the institution's objectives in fulfilling its mission. The degree to which each institution's facilities fulfill any or all of the functions necessary to its mission depends in a large measure on the goals of the institution, its size, and the availability of resources. An institution's facilities must be adequate to serve the programmatic needs of the institution. However, many outside factors often conflict with an institution's ability to meet this requirement. These include changing enrollment patterns, which require adjustments in functional use of facilities, changes in codes and standards, increased operating and maintenance costs, and changes in the sources and levels of funding.

The effective allocation and utilization of facilities is essential to an institution's ability to meet its goals and objectives for instruction, research, and public service.

ACKNOWLEDGEMENTS

The Commission staff would like to thank the College and University Facilities Officers at the South Carolina public institutions for their support and contributions to this project.

The Commission staff selects the photographs of South Carolina public colleges and universities to place in the Facilities Statistical Abstract, with emphasis on a different institution for each new publication cover. The 2007 Higher Education Facilities Statistical Abstract features The Citadel.

Photographs are courtesy of the respective institutions. Pictures from the Citadel are credited to Russell K. Pace.

COMMISSION ON HIGHER EDUCATION MEMBERS

<u>Name</u>	<u>Original Appointment</u>	<u>Term Expiration</u>	<u>Appointment</u>
Dr. Layton McCurdy	July 2004	July 2008	Governor's Appointment At-Large Chairman
Col. John Bowden	July 2006	July 2008	Governor's Appointment Ex-Officio Four-Year Institution
Dr. Doug Forbes	July 2003	July 2004	Governor's Appoint At-Large
Dr. Bettie Rose Horne	July 2004	July 2008	Third Congressional District Representative
Dr. Raghu Korrapati	July 2006	July 2010	Second Congressional District Representative
Dr. Louis Lynn	July 2006	July 2008	Governor's Appointment Ex-Officio Research Institution
Ms. Cynthia Mosteller	July 2004	July 2008	Governor's Appointment At-Large
Mr. Dan Ravenel	July 2000	July 2008	First Congressional District Representative
Mr. Jim Sanders	July 2004	July 2008	Fifth Congressional District Representative
Mr. Hood Temple	July 2006	July 2010	Sixth Congressional District Representative
Mr. Randy Thomas	July 2006	July 2010	Fourth Congressional District Representative
Vacant			Governor's Appointment At-Large
Mr. Neal Workman	July 2004	July 2006	Governor's Appointment Ex-Officio Local Technical College
Dr. Mick Zais	July 2004	July 2006	Governor's Appointment Ex-Officio Without Vote Private Sector President
Mr. Randy Thomas	July 2006	July 2010	Fourth Congressional District Representative

Fourteen members are appointed to the Commission including: for 4-year terms—1 at-large appointee serving as Chair; 3 at-large, statewide appointees; and 1 appointee from each of the six Congressional districts, and for 2-year terms—1 representative each from the Board of Trustees of a research institution, a comprehensive college, and a technical college and 1 president of an independent college. Members are appointed by the Governor upon the advice and consent of the Senate, except for Congressional District Representatives who are recommended by their legislative delegations.

FACILITIES ADVISORY COMMITTEE

<u>Name</u>	<u>Institution</u>
Ms. Lynn W. Metcalf, <i>Chair</i>	SC Commission on Higher Education
Col. Don Tomasik	The Citadel
Mr. Bob Wells	Clemson University
Ms. Sandy Williams	Coastal Carolina University
Ms. Monica Scott	College of Charleston
Mr. Ralph Davis	Francis Marion University
Mr. Jeff Beaver	Lander University
Mr. John Malmrose	Medical University of South Carolina
Ms. Betty Jenkins	South Carolina State University
Mr. Charles Jeffcoat	University of South Carolina Columbia
Mr. Tony Ateca	University of South Carolina Aiken
Mr. Mike Parrott	University of South Carolina Beaufort
Mr. Rick Puncke	University of South Carolina Upstate
Mr. Walter Hardin	Winthrop University
Ms. Judy Hrinda	State Board for Technical & Comprehensive Education
Mr. Bruce Blumberg	University of South Carolina Sumter
Mr. Dennis Rogers	Aiken Technical College
Mr. Tuck Hanna	Greenville Technical College
Mr. Dale Wilson	Piedmont Technical College

The Facilities Advisory Committee is comprised of institutional facilities officers from the four-year colleges and universities, and a representative from the State Board for Technical and Comprehensive Education System (SBTCE) who selects three additional officers from the technical colleges to serve. The Committee meets throughout the year to review current policies and procedures, to discuss issues of importance to the institutions and the state, and to make recommendations as deemed necessary. This process ensures campus facilities across the state can support institutional goals and objectives as related to articulated missions.

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INTRODUCTION

In order to sustain strong academic programs and to provide a safe and comfortable environment for learning in the state's public colleges and universities, the facilities that house the institutions' programs must be maintained and replenished. The size, condition, and adequacy of these facilities have an impact on the quantity and quality of the education provided to the students enrolled in South Carolina's public colleges and universities.

Historically, South Carolina has made major investments in the physical facilities of its public colleges and universities. Thus, the efficient use of these facilities is of concern to higher education administrators in the State. This is due, in part, to the high costs involved in constructing and maintaining buildings. However, it also stems from a broader recognition of the importance of facilities in the education of South Carolina's citizens.

In 2001, the United States economy regressed, as did the economy of the state. Facilities on campuses across the state were affected with many institutions forced to defer maintenance on buildings. Additionally, since 2000, the state has not issued a bond bill to address the capital needs of the public institutions. As a result, institutions have deferred to alternative ways to address the facilities' needs on their campuses.

The primary purpose of the Facilities Statistical Abstract is to provide a detailed statistical profile of the facilities at the public colleges and universities in South Carolina. This abstract presents data that can be used for comparative assessments of the use of space for instructional purposes. It is intended, therefore, to serve as an analytical tool for use in facilities planning at the institutional and state levels.

PROCEDURES USED COLLECTING DATA

The Commission on Higher Education (CHE) maintains an annually-updated, computer-based facilities component that includes data on the physical facilities at each public college or university. The facilities component of the Commission on Higher Education Management Information System (CHEMIS) provides information about the size and capacity of each building on each campus. The reports included in this publication are derived from the facilities component of CHEMIS.

LIMITATIONS AND SPECIAL SITUATIONS

This publication contains useful information concerning the facilities of the public colleges and universities in South Carolina and their utilization for instructional purposes. It is important to note, however, that there are limitations to the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, radio control towers, etc., this publication is limited to data relating specifically to buildings. A building is defined as any roofed structure, including trailers and other mobile units.

Special situations exist at several institutions which can affect both the reporting and summarizing of the utilization data. Also, because of comparability issues, utilization data are not supplied for the Medical University of South Carolina or the USC School of Medicine. These situations are noted on the reports where they occur.

To the extent possible, the formats and reports generated by the CHE use nationally-developed formats and procedures for calculating utilization and other information.

INSTITUTIONS INCLUDED IN THE REPORT

This publication provides data for the 33 public college and university campuses located in South Carolina. These include 3 research universities, 10 comprehensive teaching universities, 4 two-year branch campuses of the University of South Carolina, and 16 technical colleges in the State Board for Technical and Comprehensive Education (SBTCE) system as shown below:

Research Sector

Clemson University
University of South Carolina Columbia
Medical University of South Carolina

Teaching Sector

The Citadel
Coastal Carolina University
College of Charleston
Francis Marion University
Lander University
South Carolina State University
University of South Carolina Aiken
University of South Carolina Beaufort
University of South Carolina Upstate
Winthrop University

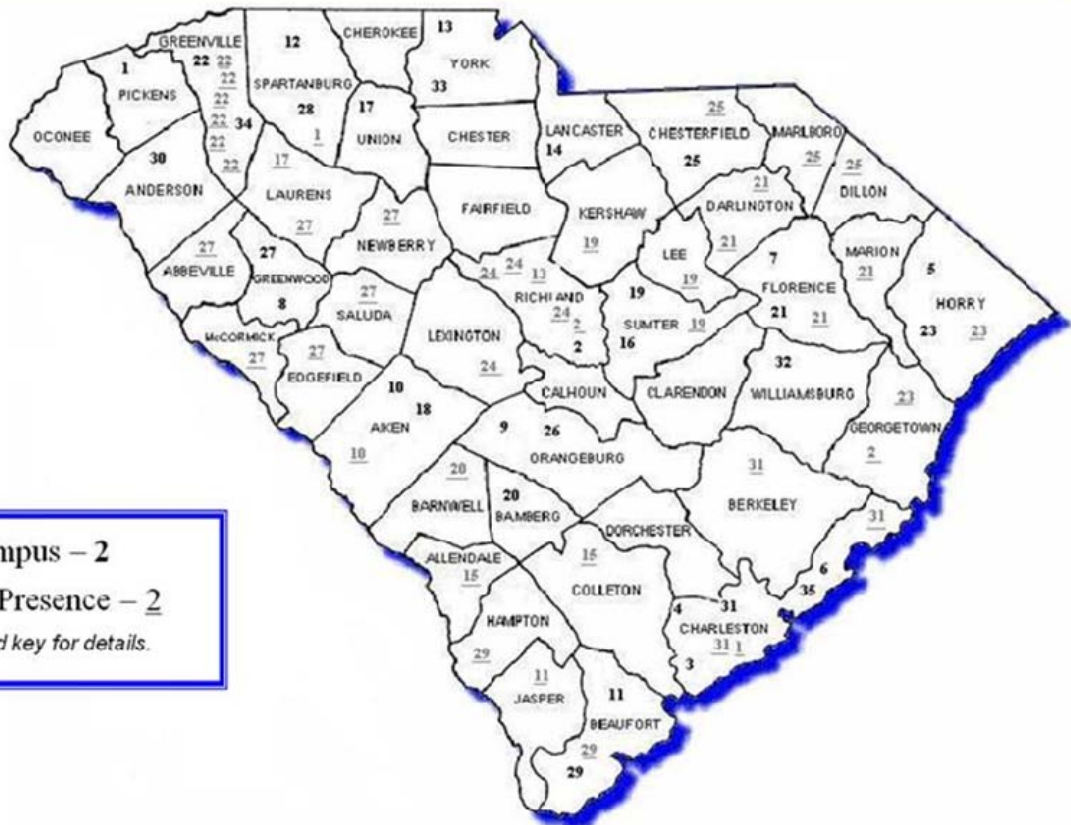
USC Regional Campuses Sector

University of South Carolina Lancaster
University of South Carolina Salkehatchie
University of South Carolina Sumter
University of South Carolina Union

Technical College Sector

Aiken Technical College
Central Carolina Technical College
Denmark Technical College
Florence-Darlington Technical College
Greenville Technical College
Horry-Georgetown Technical College
Midlands Technical College
Northeastern Technical College
Orangeburg-Calhoun Technical College
Spartanburg Community College
Technical College of the Lowcountry
Tri-County Technical College
Trident Technical College
Williamsburg Technical College
York Technical College

Locations of SC Public Colleges & Universities



Main Campus – 2
 Physical Presence – 2
 See attached key for details.

Key to Map of SC Public Colleges & Universities

Research Institutions

- 1) Clemson University
- 2) USC Columbia
- 3) Medical University of SC

Teaching Institutions

- 4) The Citadel
- 5) Coastal Carolina University
- 6) College of Charleston
- 7) Francis Marion University
- 8) Lander University
- 9) SC State University
- 10) USC Aiken
- 11) USC Beaufort
- 12) USC Upstate
- 13) Winthrop University

Two-Year USC Branches

- 14) USC Lancaster
- 15) USC Salkehatchie
- 16) USC Sumter
- 17) USC Union

Technical Colleges

- 18) Aiken
- 19) Central Carolina
- 20) Denmark
- 21) Florence-Darlington
- 22) Greenville
- 23) Horry-Georgetown
- 24) Midlands
- 25) Northeastern
- 26) Orangeburg-Calhoun
- 27) Piedmont
- 28) Spartanburg
- 29) TC of the Lowcountry
- 30) Tri-County
- 31) Trident
- 32) Williamsburg
- 33) York
- 34) University Center of Greenville – Clemson, Furman, Lander, MUSC, SC State, USC Columbia, USC Upstate
- 35) Lowcountry Graduate Center – Clemson, USC Columbia, Citadel, College of Charleston

AT A GLANCE

CAPITAL ASSETS IN SOUTH CAROLINA PUBLIC HIGHER EDUCATION

- Approximately 3,800 acres maintained at over 80 locations
- 1,516 buildings with approximately 43.6 million gross square feet (GSF)
- 343 residential facilities with approximately 29,000 beds (based on September 2006 survey)
- The age of buildings vary greatly and range from over 200 years old to newly constructed
- The following are some of the major capital projects that have recently been completed:
 - University of South Carolina Columbia – Arnold Public School of Health
 - Francis Marion – Lee Nursing Building
 - University of South Carolina Aiken – Convocation Center
 - Orangeburg-Calhoun Technical College – General Classroom/Science Building (Building R)
 - Spartanburg Community College – Library Learning Resource Center



Library Learning Resource Center Information Desk
Spartanburg Community College

SECTION I

UTILIZATION OF

INSTRUCTIONAL SPACE



Arnold School of Public Health
University of South Carolina Columbia

Capacity/Enrollment Ratio
Square Feet of Academic Facilities per FTE Student
Average Weekly Room Hours of Instruction in Classrooms
Average Weekly Room Hours of Instruction in Laboratories
Average Weekly Use of Student Stations in Classrooms
Average Weekly Use of Student Stations in Laboratories
Percent Student Station Utilization in Classrooms
Percent Student Station Utilization in Laboratories
Student Clock Hours of Instruction
Space Utilization in Classrooms
FTE Enrollments

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 instruction. The C/E ratio relates the amount of space used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used instructional utilization metrics of instructional facilities.

In analyzing and comparing C/E ratios, it should be noted that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the sector level of an institution and the kind of instructional programs offered will affect the amount of space required and, therefore, the C/E ratio.

Instructional and Library Space

Instructional and library space is defined in terms of function codes (see page 53) and room use codes (see page 57). It is the sum of the areas of all rooms which carry both a function code of 01, 11-15, 41, and one of the room use codes listed below, with the exception that office space (room use code 310, 315) and academic space associated with program code 3800 are omitted from the function code 01:

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

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 on 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 9.

$$\text{Capacity/Enrollment Ratio} = \frac{\text{Instruction \& Library Space}}{\text{Total Weekly Student Clock Hours}}$$

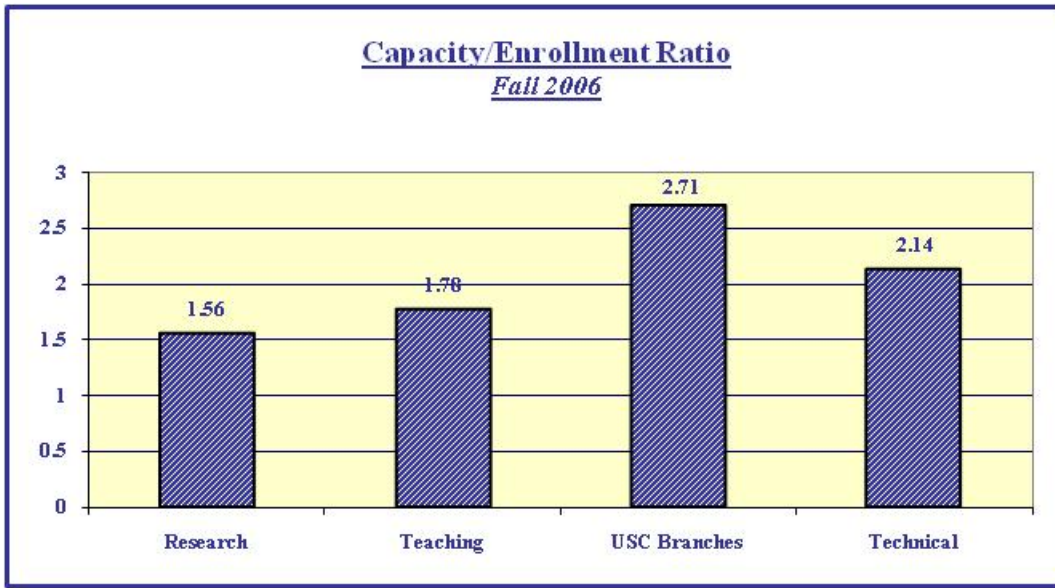


TABLE 1—CAPACITY/ENROLLMENT RATIO¹

<u>Institution</u>	<u>Assignable Square Footage (ASF) of Instructional & Library Facilities</u>	<u>Total Weekly Student Clock Hours</u>	<u>Capacity/Enrollment Ratio</u>
Clemson	303,931	204,235.24	1.49
USC Columbia	417,008	261,921.11	1.59
USC School of Medicine	3,268	325.00	10.06
MUSC	41,698	25,322.25	1.65
Research	765,905	491,803.60	1.56
Citadel	101,666	38,744.66	2.62
Coastal Carolina	109,199	85,906.83	1.27
College Of Charleston (Main)	175,379	130,663.99	1.34
College Of Charleston (North Charleston)	7,821	2,525.50	3.10
Francis Marion	59,251	29,850.41	1.98
Lander	74,092	29,358.95	2.52
SC State	124,368	54,102.16	2.30
USC Aiken	63,271	31,813.74	1.99
USC Beaufort (Main)	10,705	4,357.66	2.46
USC Beaufort (South)	20,591	8,122.50	2.54
USC Upstate	77,974	51,696.46	1.51
Winthrop	148,691	80,207.74	1.85
Teaching	973,008	547,350.60	1.78
USC Lancaster	37,038	12,093.83	3.06
USC Salkehatchie (Allendale)	8,470	5,050.75	1.68
USC Salkehatchie (Walterboro)	6,042	3,074.75	1.97
USC Sumter	35,302	11,658.32	3.03
USC Union (Main)	5,712	2,565.66	2.23
USC Union (Laurens)	768	50.00	15.36
USC Branches	93,332	34,493.31	2.71
Aiken TC	64,932	24,027.61	2.70
Central Carolina TC (Main)	73,876	19,041.50	3.88
Central Carolina TC (Shaw)	3,597	1,182.00	3.04
Central Carolina TC (Lee)	1,994	430.83	4.63
Denmark TC (Main)	30,411	17,244.33	1.76
Denmark TC (Barnwell)	540	1,284.41	0.42
Florence-Darlington TC (Main)	81,186	29,433.66	2.76
Florence-Darlington TC (Hartsville)	2,409	477.16	5.05
Florence-Darlington TC (Lake City)	3,335	889.66	3.75
Florence-Darlington TC (Cosmetology)	4,260	1,266.16	3.36
Florence-Darlington TC (Mullins)	2,674	648.00	4.13
Greenville TC (Main excl. UCG) ²	161,946	85,255.75	1.90
Greenville TC (Greer)	30,123	13,944.16	2.16
Greenville TC (Simpsonville)	19,473	11,548.66	1.69
Greenville TC (Donaldson)	4,904	11,706.16	0.42
Greenville TC (RACE) ³	4,623	29,744.25	0.16

TABLE 1—CAPACITY/ENROLLMENT RATIO¹

<u>Institution</u>	<u>Assignable Square Footage (ASF) of Instructional & Library Facilities</u>	<u>Total Weekly Student Clock Hours</u>	<u>Capacity/Enrollment Ratio</u>
Horry-Georgetown TC (Main)	62,533	28,961.38	2.16
Horry-Georgetown TC (Georgetown)	16,343	6,139.60	2.66
Horry-Georgetown TC (Grand Strand)	28,079	11,236.41	2.50
Midlands TC (Airport)	80,284	55,245.37	1.45
Midlands TC (Beltline)	69,322	40,590.27	1.71
Midlands TC (Harbison)	1,235	786.99	1.57
Northeastern TC (Main)	31,631	7,504.58	4.21
Northeastern TC (Bennettsville)	1,211	134.75	8.99
Northeastern TC (Dillon)	1,733	284.75	6.09
Orangeburg-Calhoun TC	62,051	24,795.41	2.50
Piedmont TC (Main)	100,140	29,689.91	3.37
Piedmont TC (Abbeville)	1,384	567.16	2.44
Piedmont TC (Edgefield)	5,068	1,030.74	4.92
Piedmont TC (Laurens)	7,136	2,075.91	3.44
Piedmont TC (McCormick)	425	136.83	3.11
Piedmont TC (Newberry)	9,368	3,228.58	2.90
Piedmont TC (Saluda)	1,980	438.58	4.51
Spartanburg CC	110,042	44,353.91	2.48
TC of the Lowcountry (Main)	34,594	11,375.75	3.04
TC of the Lowcountry (Mungin)	3,241	131.66	24.62
TC of the Lowcountry (New River)	7,475	1,470.66	5.08
Tri-County TC	59,344	42,672.16	1.39
Trident TC (Main)	142,271	72,956.15	1.95
Trident TC (Berkeley)	20,740	8,461.03	2.45
Trident TC (Palmer)	14,045	11,843.53	1.19
Williamsburg TC	28,625	8,313.16	3.44
York TC	94,453	32,193.91	2.93
Technical	1,485,036	694,743.44	2.14
ALL INSTITUTIONS	3,317,281	1,768,390.95	1.88

¹INSTRUCTIONAL & LIB. SPACE (Function Codes 01, 41, 11-15 & one of the Room Use Codes of 110-235, 310-525) With the Exception that Office space (Room use Codes 310, 315) and Academic space associated with program code 3800 are omitted from Function Code 01.

²"UCG" is the University Center of Greenville.

³"RACE" is the Regional Automotive Center of Excellence

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 (FTE) enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the United States 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 institutions. 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>
Research University	132	150	136
Four-Year	93	103	98
Two-Year	70	75	70
All Institutions	103	115	107

Academic Facilities

“Academic facilities” is a broader concept than “instructional and library space.” 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 function codes (see page 53) and room use codes (see page 57). The term refers to an institution’s total assignable area 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 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 student identically. A more detailed description of the procedure in calculating FTE enrollment can be found on page 47.

$$\text{Sq. Ft. of Academic Facilities Per FTE Student} = \frac{\text{Sq. Ft. of Academic Facilities}}{\text{FTE Enrollment}}$$

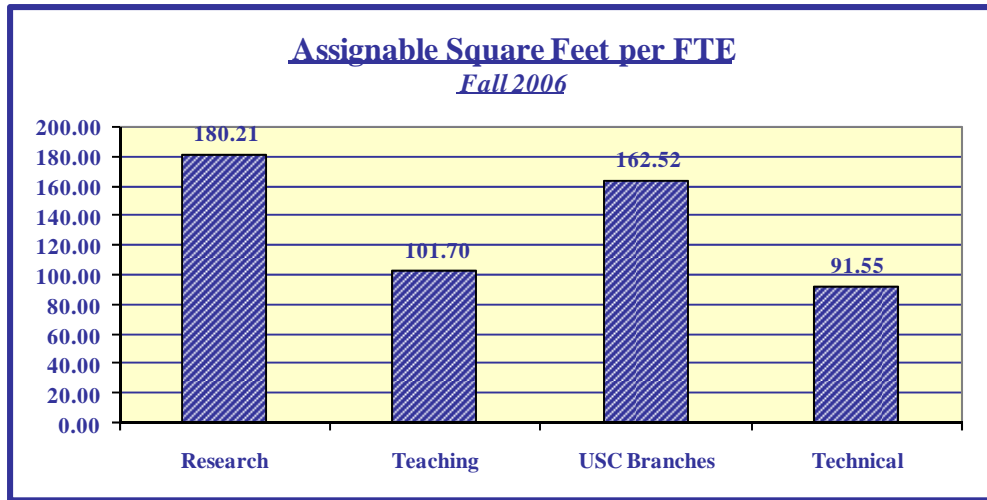


TABLE 2—SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

<u>Institution</u>	<u>ASF Academic-Support Facilities</u>	<u>FTE Enroll</u>	<u>SF Academic-Support Facilities/FTE</u>
Clemson	2,070,023	16,225.60	127.58
USC Columbia (incl SOM) ¹	2,993,620	23,767.35	125.96
MUSC	2,643,793	2,776.48	952.21
Research	7,707,436	42,769.43	180.21
Citadel	365,382	3,036.16	120.34
Coastal Carolina	448,588	6,943.63	64.60
College of Charleston	802,478	9,802.37	81.87
Francis Marion	341,002	3,341.62	102.05
Lander	328,826	2,399.74	137.03
SC State	629,658	4,104.66	153.40
USC Aiken	361,931	2,748.58	131.68
USC Beaufort	127,009	997.33	127.35
USC Upstate	310,598	4,198.71	73.97
Winthrop	656,690	5,416.12	121.25
Teaching	4,372,162	42,988.92	101.70
USC Lancaster	110,830	824.33	134.45
USC Salkehatchie	116,044	528.53	219.56
USC Sumter	117,925	741.86	158.96
USC Union	35,450	244.93	144.74
USC Branches	380,249	2,340	162.52
Aiken TC	204,909	1,567.86	130.69
Central Carolina TC	190,576	1,658.40	114.92
Denmark TC	124,400	1,144.13	108.73
Florence-Darlington TC	256,258	2,687.40	95.36
Greenville TC	678,948	8,349.20	81.32
Horry-Georgetown TC	298,146	3,435.13	86.79
Midlands TC	632,012	6,930.06	91.20
Northeastern TC	110,949	635.86	174.49
Orangeburg-Calhoun TC	165,289	1,627.40	101.57
Piedmont TC	291,980	2,948.00	99.04
Spartanburg CC	303,251	2,924.66	103.69
TC of the Lowcountry	179,124	1,128.00	158.80
Tri-County TC	218,857	3,293.26	66.46
Trident TC	477,651	7,299.53	65.44
Williamsburg TC	68,104	363.20	187.51
York TC	262,890	2,763.06	95.14
Technical	4,463,344	48,755	91.55
ALL INSTITUTIONS	16,923,191	136,853.15	123.66

¹"SOM" is School of Medicine

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 hours of instruction 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.

The total hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom 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. Table 3 indicates the total room hours of instruction in classrooms, and the total number of classrooms.

For purposes of this report, a classroom is defined as a room used to conduct classes that does 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 regularly for scheduled classes but with 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.

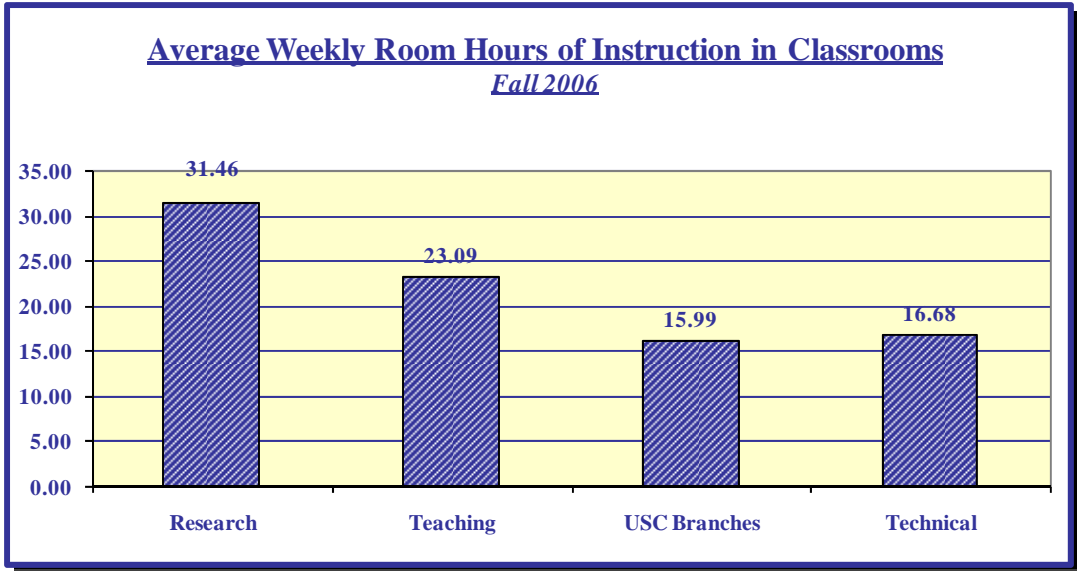
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m. Nighttime utilization is based on all other classes. The "All Hours" section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

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 South Carolina public higher education standard is 30 hours of instruction in classrooms per week.

**Avg. Weekly Room Hours of Instruction
in Classrooms**

=

Total Room Hours of Instruction in Classrooms
Total Number of Classrooms



**TABLE 3—AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN CLASSROOMS**

<u>Institutions</u>	<u>Total Utilized Hours</u>	<u>Total # of Rooms</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Room Hours</u>
Clemson	6,249.16	205	28.24	2.25	30.48
USC Columbia	7,359.17	227	28.55	3.87	32.42
Research	13,608.33	432	28.40	3.06	31.46
Citadel	1,615.49	106	13.33	1.91	15.24
Coastal Carolina	2,498.32	104	22.44	1.58	24.02
College Of Charleston (Main)	3,760.75	135	25.39	2.47	27.86
College Of Charleston (North Charleston)	144.75	15	3.97	5.68	9.65
Francis Marion	1,019.33	67	13.85	1.37	15.21
Lander	1,036.08	50	18.23	2.50	20.72
SC State	1,880.50	95	16.03	3.77	19.79
USC Aiken	1,195.66	34	33.00	2.17	35.17
USC Beaufort (Main)	274.41	13	14.22	6.88	21.11
USC Beaufort (New River)	388.91	13	23.89	6.03	29.92
USC Upstate	2,038.00	66	27.69	3.19	30.88
Winthrop	2,364.99	86	20.74	6.76	27.50
Teaching	18,217.19	784.00	19.40	3.69	23.09
USC Lancaster	504.83	20	18.74	6.50	25.24
USC Salkehatchie (Allendale)	205.41	11	15.76	2.91	18.67
USC Salkehatchie (Walterboro)	144.33	7	15.26	5.36	20.62
USC Sumter	539.83	20	15.95	1.04	26.99
USC Union (Main)	113.08	9	10.45	2.11	12.56
USC Union (Laurens)	5.50	3	0.00	1.83	1.83
USC Branches	1,512.98	70.00	12.69	3.29	15.99
Aiken TC	662.64	38	14.07	3.37	17.44
Central Carolina TC (Main)	910.33	43	16.58	4.59	21.17
Central Carolina TC (Shaw)	75.50	5	0.00	5.10	15.10
Central Carolina TC (Lee)	32.16	4	4.00	4.04	8.04
Denmark TC	413.66	33	9.07	3.47	12.54
Florence-Darlington TC (Main)	866.91	47	15.41	3.04	18.44
Florence-Darlington TC (Hartsville)	5.00	2	2.50	0.00	2.50
Florence-Darlington TC (Lake City)	17.50	3	3.33	2.50	5.83
Florence-Darlington TC (Cosmetology)	77.33	5	15.47	0.00	15.47

**TABLE 3—AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN CLASSROOMS**

<u>Institutions</u>	<u>Total Utilized Hours</u>	<u>Total # of Rooms</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Room Hours</u>
Florence-Darlington TC (Mullins)	30.50	1	17.50	3.00	30.50
Greenville TC (Main excl. GH)	2,705.08	139	14.95	4.51	19.46
Greenville TC (Greer)	573.41	22	18.99	7.08	26.06
Greenville TC (Simpsonville)	331.08	36	6.74	2.46	9.20
Greenville TC (Donaldson)	227.83	4	26.96	0.00	56.96
Greenville TC (RACE)	1,704.50	10	58.45	2.00	70.45
Horry-Georgetown TC (Main)	614.33	28	18.04	3.90	21.94
Horry-Georgetown TC (Georgetown)	234.56	13	13.47	4.57	18.04
Horry-Georgetown TC (Grand Strand)	283.99	15	15.29	3.64	18.93
Midlands TC (Airport)	2,093.99	67	25.50	5.76	31.25
Midlands TC (Beltline)	1,583.74	54	21.65	7.67	29.33
Midlands TC (Harbison)	54.91	13	2.94	1.28	4.22
Northeastern TC (Main)	287.16	15	13.98	5.17	19.14
Northeastern TC (Bennettsville)	8.25	2	0.00	4.13	4.13
Northeastern TC (Dillon)	18.75	2	2.50	6.88	9.38
Orangeburg-Calhoun TC	693.29	38	14.55	3.69	18.24
Piedmont TC (Main)	840.66	55	12.59	2.69	15.28
Piedmont TC (Abbeville)	34.16	5	2.90	3.93	6.83
Piedmont TC (Edgefield)	102.08	7	6.39	8.19	14.58
Piedmont TC (Laurens)	199.33	10	13.75	6.18	19.93
Piedmont TC (Newberry)	121.33	9	7.48	6.00	13.48
Spartanburg CC	1,527.50	78	15.21	4.38	19.58
TC of the Lowcountry (Main)	277.24	33	6.02	2.38	8.40
TC of the Lowcountry (Mungin)	5.33	2	0.00	2.67	2.67
TC of the Lowcountry (New River)	86.57	7	9.52	2.84	12.37
Tri-County TC	1,540.24	76	17.28	2.99	20.27
Trident TC (Main)	1,774.11	68	19.29	6.80	26.09
Trident TC (Berkeley)	172.81	11	14.44	1.27	15.71
Trident TC (Palmer)	315.63	21	11.75	3.28	15.03
Williamsburg TC	189.49	9	10.57	0.48	21.05
York TC	1,012.33	46	16.96	5.05	22.01
Technical	22,705.21	1,076.00	12.90	3.77	16.68
ALL INSTITUTIONS	56,043.71	2,362.00	18.35	3.45	21.80

TABLE 4
AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN LABORATORIES

The average weekly room hours of instruction in laboratories is calculated by dividing the total room hours of instruction in laboratories by the total number of laboratories. In more general terms, it is the average number of hours that an institution's laboratories are used for instructional purposes each week.

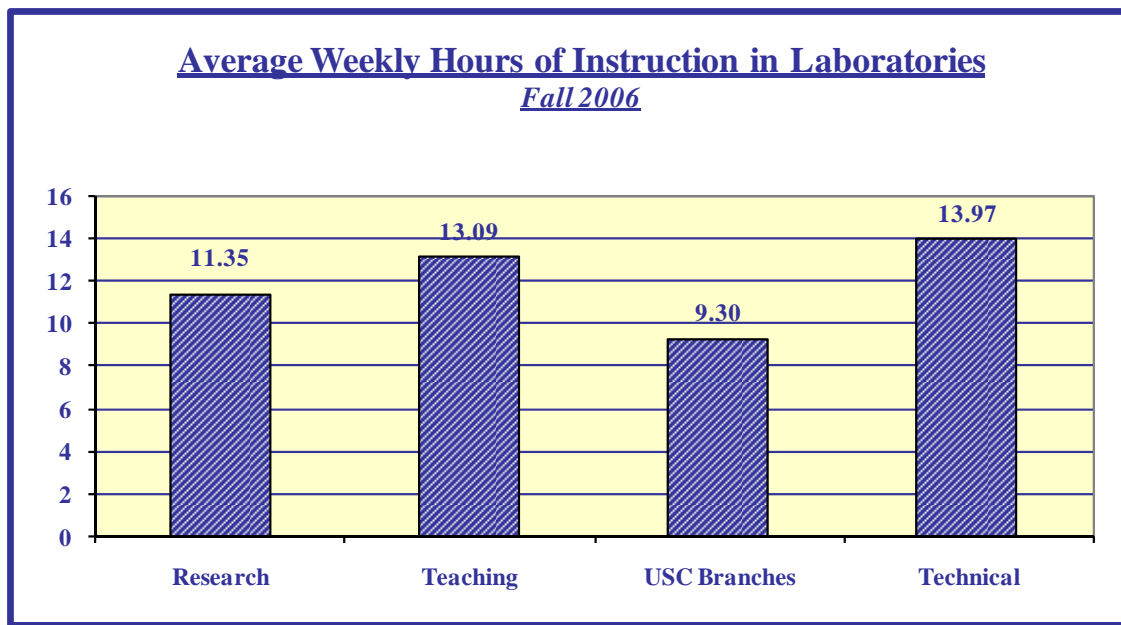
The total room hours of instruction in laboratories is the number of hours each week that each laboratory is used for regularly scheduled classes. Table 4 also separates the average room hour data into daytime and nighttime uses of laboratories.

For purposes of this report, a 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 laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all 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 more useful measurement by determining the average weekly use of each type of laboratory.

Because each laboratory is designed for use in a particular field of study, most of them are not as used as frequently as classrooms. The data in Table 4 reflects all types of laboratories. National guidelines are recommended when planning and comparing facilities. The guidelines and more detailed information can be found on

$$\begin{array}{c}
 \text{Avg. Weekly Room Hours of Instruction} \\
 \text{in Laboratories} \\
 = \\
 \frac{\text{Total Room Hours of Instruction in Laboratories}}{\text{Total Number of Laboratories}}
 \end{array}$$



**TABLE 4—AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN LABORATORIES**

<u>Institutions</u>	<u>Total Utilized Hours</u>	<u>Total # of Rooms</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Room Hours</u>
Clemson	2,688.75	235	10.38	1.06	11.44
USC Columbia	1,506.91	134	10.14	1.11	11.25
<i>Research</i>	4,195.66	369	10.26	1.09	11.35
Citadel	236.08	71	3	0.33	3.33
Coastal Carolina	760.75	48	14.84	1.01	15.85
College of Charleston	902.08	33	21.67	5.67	27.34
Francis Marion	354.51	40	8.29	0.58	8.86
Lander	354.05	36	8.43	1.41	9.83
SC State	590.83	64	8.15	1.08	9.23
USC Aiken	451.74	28	14.08	2.06	16.13
USC Beaufort (Main)	38	4	5.88	3.63	9.5
USC Beaufort (South)	50.16	4	8.79	3.75	12.54
USC Upstate	441.39	28	14.5	1.26	15.76
Winthrop	1,139.91	73	12.03	3.59	15.62
<i>Teaching</i>	5,319.50	429.00	10.88	2.22	13.09
USC Lancaster	153.24	14	8.12	2.83	10.95
USC Salkehatchie (Allendale)	46	5	8.2	1	9.2
USC Salkehatchie (Walterboro)	20	3	5.67	1	6.67
USC Sumter	111.16	10	8.28	2.83	11.12
USC Union	34.25	4	6	2.56	8.56
<i>USC Branches</i>	364.65	36.00	7.25	2.04	9.30
Aiken TC	723.66	79	7.02	2.14	9.16
Central Carolina TC (Main)	533.16	31	10.41	6.79	17.2
Central Carolina TC (Shaw)	22.66	1	0	22.66	22.66
Central Carolina TC (Lee)	7.99	1	5.33	2.66	7.99
Denmark TC	217.07	19	7.63	3.8	11.42
Florence-Darlington TC (Main)	724	43	14.86	1.98	16.84
Florence-Darlington TC (Hartsville)	73.99	4	12.67	5.83	18.5
Florence-Darlington TC (Lake City)	78.66	4	13.21	6.46	19.67
Florence-Darlington TC (Mullins)	60.83	2	17.5	12.92	30.42
Greenville TC (Main excl. GH)	652.74	36	14.91	3.22	18.13
Greenville TC (Greer)	85.66	5	12.87	4.27	17.13
Greenville TC (Simpsonville)	129.83	10	7.6	5.38	12.98
Horry-Georgetown TC (Main)	873.13	45	15.5	3.91	19.4
Horry-Georgetown TC (Georgetown)	144.46	7	15.95	4.69	20.64
Horry-Georgetown TC (Grand Strand)	181.16	14	8.1	4.85	12.94
Midlands TC (Airport)	953.79	39	21.18	3.28	24.46

**TABLE 4—AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN LABORATORIES**

<u>Institutions</u>	<u>Total Utilized Hours</u>	<u>Total # of Rooms</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Room Hours</u>
Midlands TC (Beltline)	565.96	33	11.94	5.21	17.15
Northeastern TC (Main)	44.75	2	15.5	6.88	22.38
Northeastern TC (Bennettsville)	2.75	1	0	2.75	2.75
Northeastern TC (Dillon)	8.25	1	0	8.25	8.25
Orangeburg-Calhoun TC	717.41	33	18.61	3.13	21.74
Piedmont TC (Main)	1,513.83	84	12.18	5.84	18.02
Piedmont TC (Abbeville)	12.66	4	1.88	1.29	3.17
Piedmont TC (Edgefield)	34.24	8	3.64	0.65	4.28
Piedmont TC (Laurens)	53.83	12	2.33	2.15	4.49
Piedmont TC (McCormick)	19.16	4	2.38	2.42	4.79
Piedmont TC (Newberry)	146.75	9	8.97	7.33	16.31
Piedmont TC (Saluda)	42.91	9	3.58	1.18	4.77
Spartanburg CC	925.49	45	15.96	4.61	20.57
TC of the Lowcountry (Main)	319.33	33	6.29	3.39	9.68
TC of the Lowcountry (Mungin)	21.41	2	8.75	1.96	10.71
TC of the Lowcountry (New River)	27.16	4	5.08	1.71	6.79
Tri-County TC	590.75	81	5.99	1.31	7.29
Trident TC (Main)	98.99	11	5.94	3.06	9
Trident TC (Berkeley)	17.63	2	6.04	2.78	8.82
Trident TC (Palmer)	45.78	5	5.8	3.36	9.16
Williamsburg TC	557.74	23	13.29	10.96	24.25
York TC	267.82	16	11.96	4.78	16.74
<i>Technical</i>	<i>11,497.39</i>	<i>762.00</i>	<i>9.23</i>	<i>4.73</i>	<i>13.97</i>
<i>ALL INSTITUTIONS</i>	<i>21,377.20</i>	<i>1,596.00</i>	<i>9.41</i>	<i>2.52</i>	<i>11.93</i>

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.

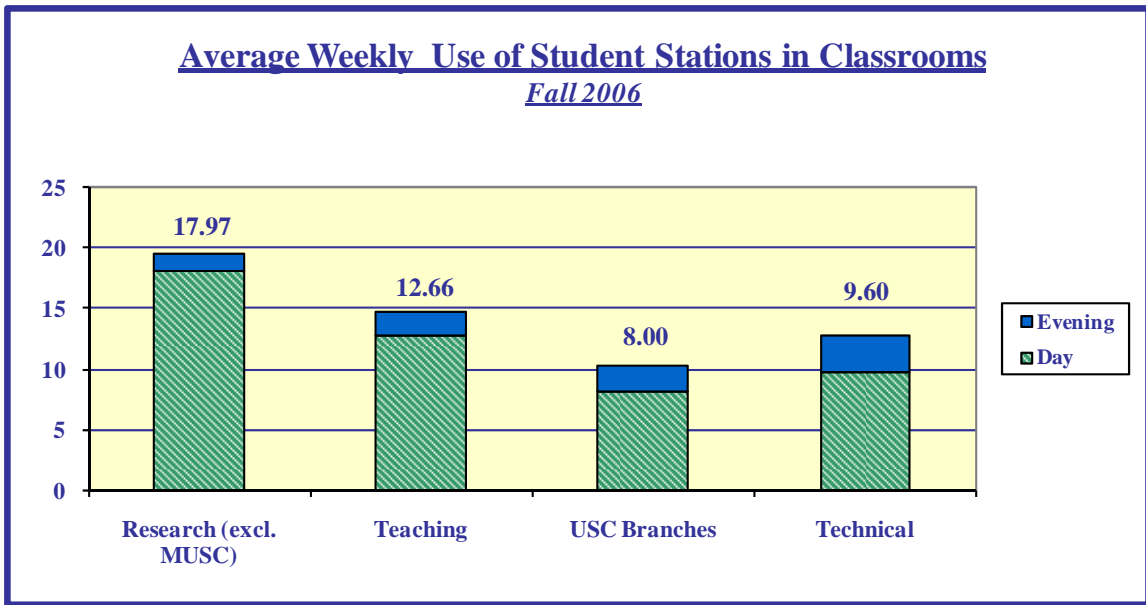
For fall 2006, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. The norm, which has been established in consultation with the institution facilities officers, is 22 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (Table 3) and that there is 60% utilization (Table 7) of student stations when classrooms are in use.

**Avg. Weekly Use of Student Stations
in Classrooms**

=

Total Student Clock Hours in Classrooms
Total Student Stations in Classrooms



**TABLE 5—AVERAGE WEEKLY USE OF STUDENT STATIONS
IN CLASSROOMS**

<u>Institution</u>	<u># of Stations</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Hours</u>
Clemson	10,545	17.23	0.83	18.07
USC Columbia	12,376	18.70	2.03	20.74
Research	22,921	17.97	1.43	19.40
Citadel	4,287	8.67	0.72	9.38
Coastal Carolina	4,926	15.99	1.10	17.09
College of Charleston (Main)	5,856	18.87	1.51	20.38
College of Charleston (North Charleston)	479	2.07	3.73	5.80
Francis Marion	2,859	8.54	0.62	9.15
Lander	1,779	14.05	1.44	15.49
SC State	4,191	9.75	1.41	11.16
USC Aiken	1,233	20.58	1.47	22.04
USC Beaufort (Main)	510	5.57	2.75	8.32
USC Beaufort (South)	539	12.41	3.08	15.49
USC Upstate	2,630	17.64	1.48	19.12
Winthrop	3,172	17.78	4.42	22.19
Teaching	32,461	12.66	1.98	14.64
USC Lancaster	979	8.66	1.98	10.64
USC Salkehatchie (Allendale)	335	12.11	2.12	14.23
USC Salkehatchie (Walterboro)	278	8.13	2.13	10.26
USC Sumter	780	9.64	4.76	14.40
USC Union (Main)	281	9.48	1.61	11.09
USC Union (Laurens)	54	0.00	0.93	0.93
USC Branches	2,707	8.00	2.26	10.26
Aiken TC	1,021	10.10	1.83	11.93
Central Carolina TC (Main)	1,297	8.16	2.62	10.77
Central Carolina TC (Shaw)	126	0.00	7.89	7.89
Central Carolina TC (Lee)	69	2.57	2.70	5.26
Denmark TC	1,037	8.26	3.80	12.05
Florence-Darlington TC (Main)	1,537	11.92	1.61	13.54
Florence-Darlington TC (Hartsville)	45	2.53	0.00	2.53
Florence-Darlington TC (Lake City)	66	3.64	2.18	5.82
Florence-Darlington TC (Cosmetology)	94	13.96	0.00	13.96
Florence-Darlington TC (Mullins)	18	12.33	11.17	23.50
Greenville TC (Main excl. GH)	4,683	11.82	2.84	14.66
Greenville TC (Greer)	592	15.60	4.24	19.84
Greenville TC (Simpsonville)	868	5.44	1.35	6.78
Greenville TC (Donaldson)	115	16.59	10.96	27.55
Greenville TC (RACE)	400	64.75	3.94	68.69
Horry-Georgetown TC (Main)	985	11.73	2.30	14.04
Horry-Georgetown TC (Georgetown)	392	8.50	2.62	11.12

**TABLE 5—AVERAGE WEEKLY USE OF STUDENT STATIONS
IN CLASSROOMS**

<u>Institution</u>	<u># of Stations</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Hours</u>
Horry-Georgetown TC (Grand Strand)	470	11.77	2.24	14.00
Midlands TC (Airport)	2,018	18.37	4.08	22.45
Midlands TC (Beltline)	1,552	16.94	5.24	22.18
Midlands TC (Harbison)	263	2.31	0.88	3.19
Northeastern TC (Main)	373	10.10	2.96	13.06
Northeastern TC (Bennettsville)	30	0.00	3.60	3.60
Northeastern TC (Dillon)	24	0.63	5.00	5.63
Orangeburg-Calhoun TC	1,258	10.21	1.73	11.94
Piedmont TC (Main)	1,597	7.13	1.16	8.29
Piedmont TC (Abbeville)	65	4.68	2.66	7.34
Piedmont TC (Edgefield)	77	4.77	5.90	10.66
Piedmont TC (Laurens)	204	5.35	1.85	7.20
Piedmont TC (Newberry)	212	5.57	3.11	8.67
Spartanburg CC	1,994	13.28	2.99	16.26
TC of the Lowcountry (Main)	959	4.84	1.87	6.71
TC of the Lowcountry (Mungin)	32	0.00	0.56	0.56
TC of the Lowcountry (New River)	204	3.22	1.60	4.82
Tri-County TC	6,948	4.43	0.59	5.03
Trident TC (Main)	2,595	13.20	3.98	17.17
Trident TC (Berkeley)	264	6.83	0.80	7.63
Trident TC (Palmer)	727	8.19	2.20	10.39
Williamsburg TC	228	12.55	5.13	17.68
York TC	1,661	11.55	2.45	14.00
<i>Technical</i>	37,100	9.60	3.12	12.71
ALL INSTITUTIONS	95,189	12.06	2.19	14.25

TABLE 6
AVERAGE WEEKLY USE OF STUDENT STATIONS IN LABORATORIES

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

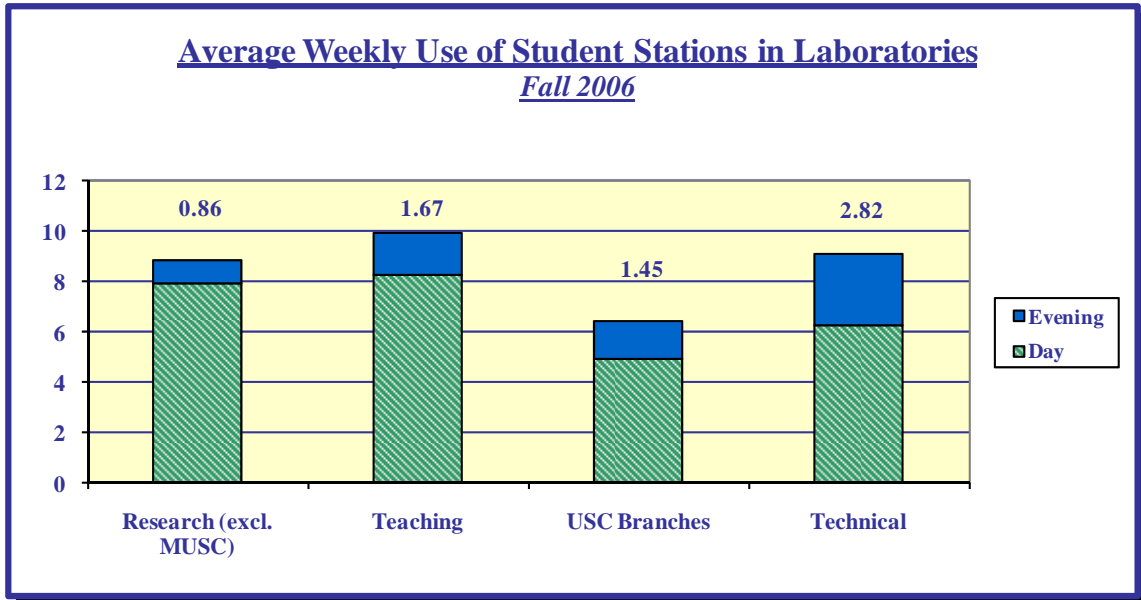
For fall 2006, Table 6 reports the total number of class laboratory student stations and breaks down the average weekly use figure into daytime and nighttime utilization.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in laboratories. Standards cannot be applied easily to laboratories as their use varies - i.e. computer laboratories, automotive laboratories, etc. The data in Table 6 reflects all types of laboratories. National guidelines are recommended when planning and comparing facilities. The guidelines and more detailed information can be found on page 65.

**Avg. Weekly Use of Student Stations
in Laboratories**

=

Total Student Clock Hours in Laboratories
Total Student Stations in Laboratories



**TABLE 6—AVERAGE WEEKLY USE OF STUDENT STATIONS
IN LABORATORIES¹**

<u>Institution</u>	<u># of Stations</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Hours</u>
Clemson	4,913.00	7.50	0.65	8.15
USC Columbia	3,445.00	8.50	1.07	9.57
<i>Research</i>	8,358.00	8.00	0.86	8.86
Citadel	1,277.00	11.96	0.75	12.72
Coastal Carolina	1,423.00	2.86	0.23	3.09
College of Charleston	861.00	18.12	4.84	22.96
Francis Marion	1,079.00	6.94	0.48	7.42
Lander	942.00	5.13	0.86	5.99
SC State	1,289.00	8.64	0.89	9.53
USC Aiken	660.00	11.14	1.48	12.62
USC Beaufort (Main)	90.00	3.42	2.89	6.31
USC Beaufort (South)	95.00	5.22	3.45	8.67
USC Upstate	773.00	9.59	0.96	10.55
Winthrop	1,823.00	7.91	1.55	9.46
<i>Teaching</i>	10,312.00	8.27	1.67	9.94
USC Lancaster	425.00	5.20	1.69	6.90
USC Salkehatchie (Allendale)	118.00	7.28	0.85	8.13
USC Salkehatchie (Walterboro)	80.00	3.24	0.68	3.91
USC Sumter	259.00	4.38	2.21	6.59
USC Union	96.00	4.79	1.82	6.61
<i>USC Branches</i>	978.00	4.98	1.45	6.43
Aiken TC	1,877.00	5.47	1.57	7.05
Central Carolina TC (Main)	674.00	6.88	3.33	10.21
Central Carolina TC (Shaw)	20.00	0.00	12.90	12.90
Central Carolina TC (Lee)	24.00	3.38	1.63	5.00
Denmark TC	573.00	6.76	2.86	9.62
Florence-Darlington TC (Main)	861.00	13.19	1.34	14.53
Florence-Darlington TC (Hartsville)	65.00	4.58	2.35	6.93
Florence-Darlington TC (Lake City)	80.00	6.15	2.29	8.44
Florence-Darlington TC (Mullins)	28.00	5.79	5.89	11.68
Greenville TC (Main excl. GH)	822.00	14.77	2.81	17.59
Greenville TC (Greer)	87.00	12.39	4.15	16.54
Greenville TC (Simpsonville)	251.00	6.79	3.26	10.05
Horry-Georgetown TC (Main)	1,048.00	10.95	2.51	13.47
Horry-Georgetown TC (Georgetown)	196.00	8.86	2.64	11.51
Horry-Georgetown TC (Grand Strand)	364.00	5.66	2.90	8.56
Midlands TC (Airport)	912.00	12.33	2.78	15.10
Midlands TC (Beltline)	692.00	8.70	3.18	11.88
Northeastern TC (Main)	674.00	13.05	2.38	15.43
Northeastern TC (Bennettsville)	36.00	13.61	5.92	19.53

**TABLE 6—AVERAGE WEEKLY USE OF STUDENT STATIONS
IN LABORATORIES¹**

<u>Institution</u>	<u># of Stations</u>	<u>Average Weekly Daytime Hours</u>	<u>Average Weekly Evening Hours</u>	<u>Total Average Weekly Hours</u>
Northeastern TC (Dillon)	13.00	0.00	3.00	3.00
Orangeburg-Calhoun TC	12.00	0.00	4.75	4.75
Piedmont TC (Main)	1,592.00	8.84	3.34	12.18
Piedmont TC (Abbeville)	45.00	3.13	1.07	4.20
Piedmont TC (Edgefield)	65.00	3.43	0.83	4.26
Piedmont TC (Laurens)	199.00	2.54	1.66	4.19
Piedmont TC (McCormick)	38.00	2.03	2.11	4.13
Piedmont TC (Newberry)	172.00	4.31	3.51	7.83
Piedmont TC (Saluda)	117.00	3.24	1.13	4.37
Spartanburg CC	941.00	11.65	2.76	14.41
TC of the Lowcountry (Main)	754.00	5.14	2.70	7.84
TC of the Lowcountry (Mungin)	50.00	1.77	0.24	2.01
TC of the Lowcountry (New River)	82.00	4.76	2.89	7.65
Tri-County TC	9,971.00	0.90	0.15	1.05
Trident TC (Main)	76.00	1.87	0.83	2.70
Trident TC (Berkeley)	246.00	4.51	1.83	6.34
Trident TC (Palmer)	168.00	3.63	1.82	5.45
Williamsburg TC	417.00	9.32	3.57	12.89
York TC	388.00	9.28	2.42	11.70
<i>Technical</i>	24,630.00	6.31	2.82	9.13
ALL INSTITUTIONS	44,278.00	6.89	1.70	8.59

¹ Hours are calculated Monday through Friday excluding medical institutions.

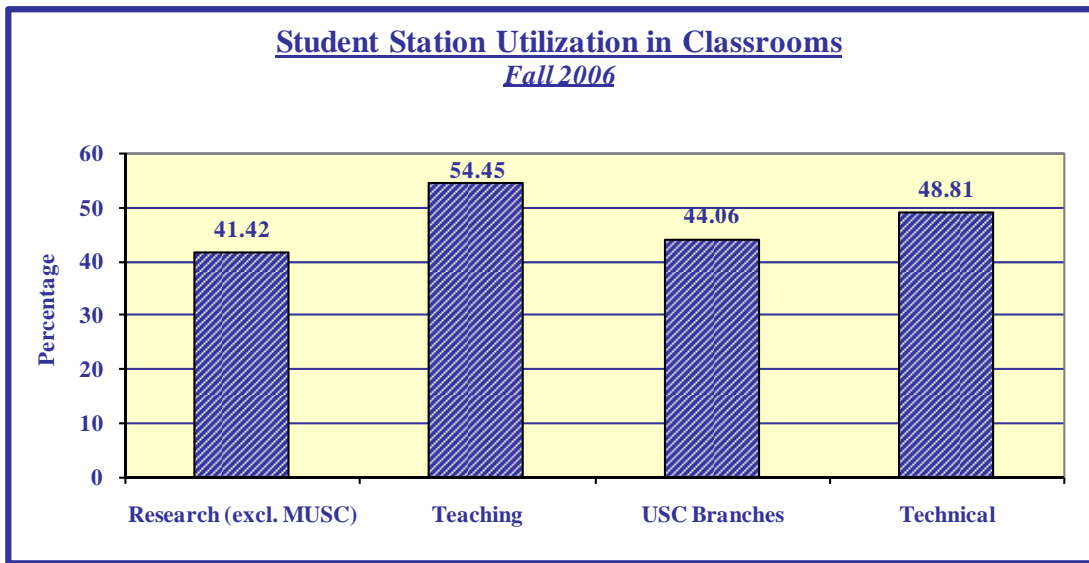
TABLE 7
PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms are in use. It is calculated by dividing the student clock hours generated in classrooms by the potential student clock hours for classrooms. 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 in the room (Tables 3 & 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 of 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 efficiency of utilization since it does not take into account how frequently a room is used.

The South Carolina public higher education standard is 60% for classrooms.

Percent Student Station Utilization in Classrooms	=	<u>Student Clock Hours in Classrooms</u> Potential Student Clock Hours in Classrooms
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**TABLE 7—STUDENT CLOCK HOURS & PERCENT STATION UTILIZATION
IN CLASSROOMS¹**

<u>Institution</u>	<u>Total ASF</u>	<u>Total Student Clock Hours</u>	<u>Total Potential Student Clock Hours</u>	<u>% Student Station Utilization</u>
Clemson	162,425	190,535.5	413,589.0	46.07
USC Columbia	214,623	256,640.0	666,120.5	38.53
Research	377,048	447,176	1,079,710	41.42
Citadel	70,226	40,222.5	71,424.0	56.32
Coastal Carolina	73,394	84,167.5	153,979.0	54.66
College of Charleston (Main)	84,466	119,339.0	200,672.0	59.47
College of Charleston (North Charleston)	7,821	2,778.0	6,210.0	44.73
Francis Marion	31,515	26,172.5	47,139.0	55.52
Lander	34,604	27,558.0	46,522.0	59.24
SC State	65,248	46,755.0	107,247.0	43.60
USC Aiken	26,116	27,177.5	53,089.5	51.19
USC Beaufort (Main)	7,656	4,244.0	13,478.0	31.49
USC Beaufort (South)	14,741	8,348.5	19,228.0	43.42
USC Upstate	45,028	50,278.5	96,293.5	52.21
Winthrop	59,428	70,397.0	116,634.5	60.36
Teaching	520,243	507,438	931,917	54.45
USC Lancaster	18,576	10,415.0	28,740.0	36.24
USC Salkehatchie (Allendale)	5,575	4,767.0	7,997.5	59.61
USC Salkehatchie (Walterboro)	4,675	2,853.0	6,465.0	44.13
USC Sumter	14,307	11,228.5	25,419.5	44.17
USC Union (Main)	3,866	3,116.5	4,909.0	63.49
USC Union (Laurens)	768	50.0	66.0	75.76
USC Branches	47,767	32,430	73,597	44.06
Aiken TC	20,109	12,181.5	19,789.0	61.56
Central Carolina TC (Main)	28,005	13,972.5	38,650.5	36.15
Central Carolina TC (Shaw)	2,779	994.0	2,112.0	47.06
Central Carolina TC (Lee)	1,912	363.0	687.0	52.84
Denmark TC	13,045	12,496.5	16,541.5	75.55
Florence-Darlington TC (Main)	29,697	20,803.5	34,732.0	59.90
Florence-Darlington TC (Hartsville)	690	114.0	180.0	63.33
Florence-Darlington TC (Lake City)	1,044	384.0	504.0	76.19
Florence-Darlington TC (Cosmetology)	4,260	1,312.5	1,610.0	81.52
Florence-Darlington TC (Mullins)	1,404	423.0	630.0	67.14
Greenville TC (Main Campus)	89,981	68,650.5	114,417.0	60.00
Greenville TC (Greer)	14,839	11,745.0	17,107.0	68.66
Greenville TC (Simpsonville)	11,481	5,889.0	8,756.0	67.26
Greenville TC (Donaldson)	4,819	3,168.0	6,900.0	45.91
Greenville TC (RACE)	4,557	27,477.5	71,640.0	38.35
Horry-Georgetown TC (Main)	16,979	13,825.0	24,411.0	56.63
Horry-Georgetown TC (Georgetown)	9,504	4,359.0	7,692.0	56.67
Horry-Georgetown TC (Grand Strand)	11,483	6,581.0	10,128.0	64.98
Midlands TC (Airport)	40,278	45,296.5	70,768.0	64.01

**TABLE 7—STUDENT CLOCK HOURS & PERCENT STATION UTILIZATION
IN CLASSROOMS¹**

<u>Institution</u>	<u>Total ASF</u>	<u>Total Student Clock Hours</u>	<u>Total Potential Student Clock Hours</u>	<u>% Student Station Utilization</u>
Midlands TC (Beltline)	33,656	34,424.5	50,214.0	68.56
Midlands TC (Harbison)	1,235	838.5	1,077.0	77.86
Northeastern TC (Main)	9,382	4,872.0	8,414.0	57.90
Northeastern TC (Bennettsville)	743	108.0	135.0	80.00
Northeastern TC (Dillon)	743	135.0	252.0	53.57
Orangeburg-Calhoun TC (Main)	24,438	15,015.5	30,378.0	49.43
Piedmont TC (Main)	38,481	13,233.0	31,004.5	42.68
Piedmont TC (Abbeville)	940	477.0	740.0	64.46
Piedmont TC (Edgefield)	1,737	821.0	1,316.0	62.39
Piedmont TC (Laurens)	3,264	1,469.0	3,984.0	36.87
Piedmont TC (Newberry)	4,378	1,839.0	3,516.0	52.30
Spartanburg CC	45,785	32,429.5	45,006.0	72.06
TC of the Lowcountry (Main)	14,984	6,437.5	11,602.5	55.48
TC of the Lowcountry (Mungin)	523	18.0	90.0	20.00
TC of the Lowcountry (New River)	5,465	983.5	2,232.0	44.06
Tri-County TC (Main)	30,327	34,930.5	198,217.0	17.62
Trident TC (Berkeley)	4,877	2,014.0	4,479.5	44.96
Trident TC (Main)	42,781	44,558.0	82,527.0	53.99
Trident TC (Palmer)	8,484	7,556.0	12,941.0	58.39
Williamsburg TC	4,576	4,031.0	5,304.0	76.00
York TC	34,064	23,253.0	41,671.5	55.80
Technical	617,729	479,480	982,356	48.81
ALL INSTITUTIONS	1,562,787	1,466,523	3,067,579	47.81

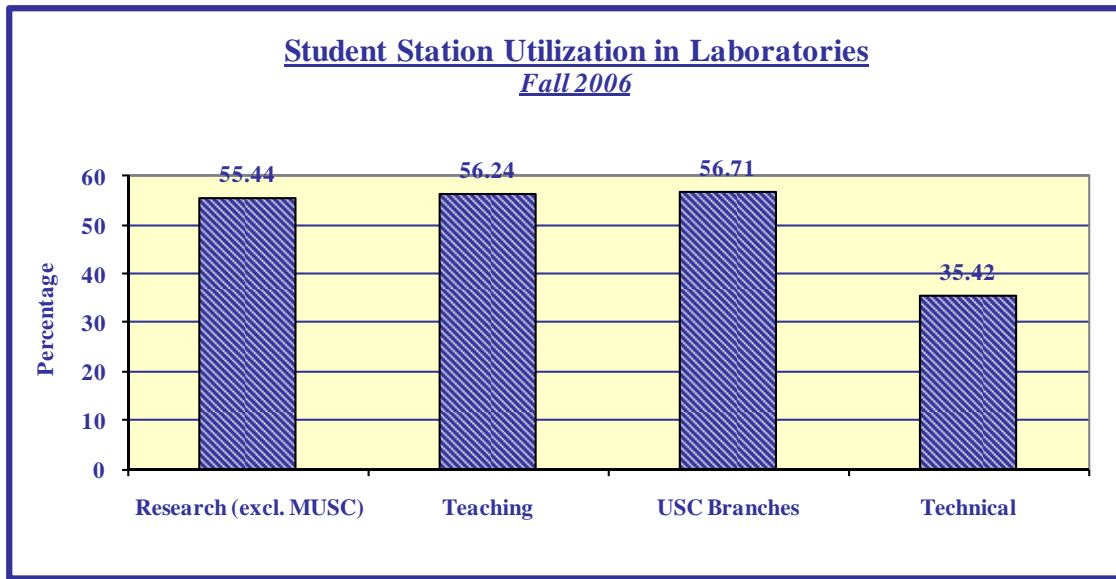
¹Hours are calculated Monday through Friday excluding medical institutions.

TABLE 8
PERCENT STUDENT STATION UTILIZATION IN LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when laboratories are in use. The utilization is calculated in the same manner as classroom utilization (Table 7).

See Table 6 for advisory information on laboratories.

Percent Student Station Utilization in Laboratories	=	<u>Student Clock Hours in Laboratories</u> Potential Student Clock Hours in Laboratories
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**TABLE 8—STUDENT CLOCK HOURS & PERCENT STATION UTILIZATION
IN LABORATORIES¹**

<u>Institution</u>	<u>Total ASF</u>	<u>Total Student Clock Hours</u>	<u>Total Potential Student Clock Hours</u>	<u>% Student Station Utilization</u>
Clemson	123,379	40,063.50	81,176.00	49.35
USC Columbia	68,861	32,970.50	50,570.50	65.2
Research	192,240	73,034	131,747	55.44
Citadel	30,125	4,390.00	7,516.50	58.4
Coastal Carolina	33,473	16,242.50	27,198.00	59.72
Francis Marion	24,250	8,008.50	12,369.00	64.75
Lander	32,932	5,642.50	10,336.00	54.59
SC State	40,068	12,290.50	19,202.00	64.01
USC Aiken	19,344	8,330.00	13,841.00	60.18
USC Beaufort (Main)	2,711	568	790	71.9
USC Beaufort (South)	5,343	824	1,251.00	65.87
USC Upstate	19,930	8,155.00	13,799.00	59.1
Winthrop	80,365	17,241.00	37,062.50	46.52
Teaching	480,781	154,726	275,112	56.24
USC Lancaster	9,941	2,932.00	6,101.00	48.06
USC Salkehatchie (Allendale)	2,367	959.5	1,110.00	86.44
USC Salkehatchie (Walterboro)	743	313	400	78.25
USC Sumter	9,336	1,707.00	3,033.00	56.28
USC Union (Main)	2,333	635	900	70.56
USC Branches	24,720	6,547	11,544	56.71
Aiken TC	44,376	13,224.50	17,563.50	75.3
Central Carolina TC (Main)	45,871	6,883.50	14,684.50	46.88
Central Carolina TC (Shaw)	818	258	480	53.75
Central Carolina TC (Lee)	82	120	216	55.56
Denmark TC	13,386	5,510.00	9,106.00	60.51
Florence-Darlington TC (Main)	50,904	12,512.50	18,805.00	66.54
Florence-Darlington TC (Hartsville)	1,719	450.5	1,150.00	39.17
Florence-Darlington TC (Lake City)	2,291	675	1,764.00	38.27
Florence-Darlington TC (Mullins)	1,270	327	1,032.00	31.69
Greenville TC (Main)	24,230	14,456.00	17,556.00	82.34
Greenville TC (Greer)	3,770	1,439.00	1,416.00	101.62
Greenville TC (Simpsonville)	4,970	2,523.00	2,643.00	95.46
Horry-Georgetown TC (Main)	36,852	14,115.00	22,311.50	63.26
Horry-Georgetown TC (Georgetown)	6,526	2,255.00	4,972.00	45.35
Horry-Georgetown TC (Grand Strand)	10,894	3,116.00	4,984.00	62.52
Midlands TC (Airport)	27,246	13,775.00	23,408.00	58.85
Midlands TC (Beltline)	24,792	8,218.50	12,588.50	65.29
Northeastern TC (Main)	1,631	703	956	73.54
Northeastern TC (Bennettsville)	468	39	39	100
Northeastern TC (Dillon)	468	57	108	52.78
Orangeburg-Calhoun TC	35,370	10,396.50	17,299.00	60.1
Piedmont TC (Main)	54,697	19,390.00	32,400.00	59.85

**TABLE 8—STUDENT CLOCK HOURS & PERCENT STATION UTILIZATION
IN LABORATORIES¹**

<u>Institution</u>	<u>Total ASF</u>	<u>Total Student Clock Hours</u>	<u>Total Potential Student Clock Hours</u>	<u>% Student Station Utilization</u>
Piedmont TC (Abbeville)	444	189	189	100
Piedmont TC (Edgefield)	3,331	277	352.5	78.58
Piedmont TC (Laurens)	3,872	834.5	1,260.00	66.23
Piedmont TC (McCormick)	425	157	300	52.33
Piedmont TC (Newberry)	2,560	1,346.00	3,650.00	36.88
Piedmont TC (Saluda)	1,980	511	795	64.28
Spartanburg CC	52,668	13,562.00	25,416.50	53.36
TC of the Lowcountry (Main)	16,826	5,913.50	8,375.50	70.6
TC of the Lowcountry (Mungin)	1,727	100.5	815	12.33
TC of the Lowcountry (New River)	2,010	627	720	87.08
Tri-County TC	29,883	10,449.00	229,986.50	4.54
Trident TC (Berkeley)	969	205	456	44.96
Trident TC (Main)	3,741	1,560.00	2,384.00	65.44
Trident TC (Palmer)	1,240	916	1,659.00	55.21
Williamsburg TC	25,420	5,374.50	10,774.00	49.88
York TC	12,107	4,539.50	7,116.00	63.79
Technical	551,834	177,006	499,731	35.42
ALL INSTITUTIONS	574,097	185,796	514,430	36.12

¹Hours are calculated Monday through Friday excluding medical institutions.

TABLE 9
STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall semester drop-add period. Student clock hours are computed by multiplying the number of hours that each course meets each week by the number of students enrolled. (To compute the number of hours that a 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 laboratories (room code 210). A precise definition of a laboratory is provided on page 26. The column headed "Other" reflects instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices).

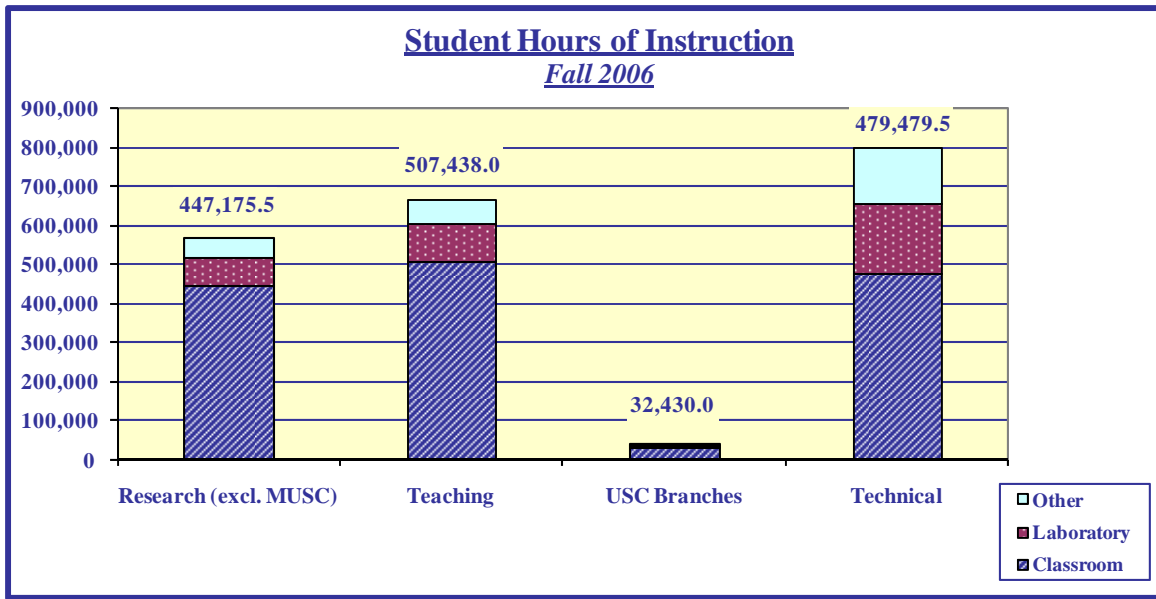


TABLE 9—STUDENT CLOCK HOURS OF INSTRUCTION^{1,2}

<u>Institution</u>	<u>Classroom Hours¹</u>	<u>Laboratory Hours¹</u>	<u>Other Hours²</u>	<u>Total Hours</u>
Clemson	190,535.5	40,063.5	11,263.5	241,862.5
USC Columbia	256,640.0	32,970.5	41,313.0	330,923.5
<i>Research</i>	447,175.5	73,034.0	52,576.5	572,786.0
Citadel	40,222.5	4,390.0	1,028.5	45,641.0
Coastal Carolina	84,167.5	16,242.5	5,245.5	105,655.5
College Of Charleston (Main)	119,339.0	19,767.5	19,827.5	158,934.0
College Of Charleston (At North Charleston)	2,778.0	0.0	0.0	2,778.0
Francis Marion	26,172.5	8,008.5	3,469.0	37,650.0
Lander	27,558.0	5,642.5	4,709.5	37,910.0
SC State	46,755.0	12,290.5	5,867.0	64,912.5
USC Aiken	27,177.5	8,330.0	6,902.5	42,410.0
USC Beaufort (Main)	4,244.0	568.0	124.5	4,936.5
USC Beaufort (New River)	8,348.5	824.0	116.5	9,289.0
USC Upstate	50,278.5	8,155.0	1,880.0	60,313.5
Winthrop	70,397.0	17,241.0	8,281.0	95,919.0
<i>Teaching</i>	507,438.0	101,459.5	57,451.5	666,349.0
USC Lancaster	10,415.0	2,932.0	1,203.0	14,550.0
USC Salkehatchie (Allendale)	4,767.0	959.5	54.0	5,780.5
USC Salkehatchie (Walterboro)	2,853.0	313.0	691.5	3,857.5
USC Sumter	11,228.5	1,707.0	905.5	13,841.0
USC Union (Main)	3,116.5	635.0	69.0	3,820.5
USC Union (Laurens)	50.0	0.0	0.0	50.0
<i>USC Branches</i>	32,430.0	6,546.5	2,923.0	41,899.5
Aiken TC	12,181.5	13,224.5	238.5	25,644.5
Central Carolina TC (Main)	13,972.5	6,883.5	0.0	20,856.0
Central Carolina TC (Shaw)	994.0	258.0	0.0	1,252.0
Central Carolina TC (Lee)	363.0	120.0	0.0	483.0
Denmark TC (Main)	12,496.5	5,510.0	60.0	18,066.5
Denmark TC (Barnwell)	0.0	0.0	1,383.5	1,383.5
Florence-Darlington TC (Main)	20,803.5	12,512.5	1,335.0	34,651.0
Florence-Darlington TC (Hartsville)	114.0	450.5	2,038.0	2,602.5
Florence-Darlington TC (Lake City)	384.0	675.0	21.0	1,080.0
Florence-Darlington TC (Cosmetology)	1,312.5	0.0	24.0	1,336.5
Florence-Darlington TC (Mullins)	423.0	327.0	108.0	858.0
Greenville TC (Main)	68,650.5	14,456.0	22,453.0	105,559.5
Greenville TC (Greer)	11,745.0	1,439.0	3,927.0	17,111.0
Greenville TC (Simpsonville)	5,889.0	2,523.0	5,188.0	13,600.0
Greenville TC (Donaldson)	3,168.0	0.0	8,568.0	11,736.0
Greenville TC (RACE)	27,477.5	0.0	3,877.5	31,355.0
Horry-Georgetown TC (Main)	13,825.0	14,115.0	5,549.5	33,489.5
Horry-Georgetown TC (Georgetown)	4,359.0	2,255.0	680.0	7,294.0
Horry-Georgetown TC (Grand Strand)	6,581.0	3,116.0	6,093.0	15,790.0

TABLE 9—STUDENT CLOCK HOURS OF INSTRUCTION^{1,2}

<u>Institution</u>	<u>Classroom Hours¹</u>	<u>Laboratory Hours¹</u>	<u>Other Hours²</u>	<u>Total Hours</u>
Midlands TC (Airport)	45,296.5	13,775.0	2,482.0	61,553.5
Midlands TC (Beltline)	34,424.5	8,218.5	3,521.0	46,164.0
Midlands TC (Harbison)	838.5	0.0	0.0	838.5
Northeastern TC (Main)	4,872.0	703.0	4,356.5	9,931.5
Northeastern TC (Bennettsville)	108.0	39.0	195.0	342.0
Northeastern TC (Dillon)	135.0	57.0	366.0	558.0
Orangeburg-Calhoun TC (Main)	15,015.5	10,396.5	3,086.5	28,498.5
Piedmont TC (Main)	13,233.0	19,390.0	2,988.0	35,611.0
Piedmont TC (Abbeville)	477.0	189.0	0.0	666.0
Piedmont TC (Edgefield)	821.0	277.0	0.0	1,098.0
Piedmont TC (Laurens)	1,469.0	834.5	1,590.5	3,894.0
Piedmont TC (McCormick)	0.0	157.0	0.0	157.0
Piedmont TC (Newberry)	1,839.0	1,346.0	500.0	3,685.0
Piedmont TC (Saluda)	0.0	511.0	0.0	511.0
Spartanburg CC	32,429.5	13,562.0	3,106.0	49,097.5
TC of the Lowcountry (Main)	6,437.5	5,913.5	513.0	12,864.0
TC of the Lowcountry (Mungin)	18.0	100.5	87.5	206.0
TC of the Lowcountry (New River)	983.5	627.0	0.0	1,610.5
Tri-County TC (Main)	34,930.5	10,449.0	192.0	45,571.5
Trident TC (Main)	44,558.0	1,560.0	34,084.0	80,202.0
Trident TC (Berkeley)	2,014.0	205.0	6,753.0	8,972.0
Trident TC (Palmer)	7,556.0	916.0	5,109.0	13,581.0
Williamsburg TC	4,031.0	5,374.5	1,077.0	10,482.5
York TC	23,253.0	4,539.5	12,175.0	39,967.5
Technical	479,479.5	177,005.5	143,726.0	800,211.0
ALL INSTITUTIONS	1,466,523.0	358,045.5	256,677.0	2,081,245.5

¹Hours are calculated Monday through Friday excluding medical institutions.

²Other Than Class Rooms & Labs ALL HOURS

TABLE 10
SPACE UTILIZATION IN CLASSROOMS

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 efficiently the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 10, the formula:

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

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:

$\text{Space Factor} = \frac{\text{Assignable Sq. Ft.}}{\text{Student Clock Hours}}$
--

Classrooms: If the norms for Tables 3, 7, and 16 are used for the three factors which comprise the first formula, the result is a space factor of 1.22:

$$\text{Classroom Space Factor} = \frac{22}{30 \times .60} = 1.22$$

TABLE 10—SPACE UTILIZATION IN CLASSROOMS

<u>Institution</u>	<u>Classroom Average Student Station Size (SF per Student Station)</u>	<u>Average Weekly Classroom Hours of Instruction</u>	<u>Classroom Station Utilization Percentage</u>	<u>Space Factor</u>
Clemson	16.39	30.48	0.46	1.17
USC Columbia ¹	17.38	32.42	0.39	1.39
<i>Research</i>	16.89	31.45	0.42	1.27
Citadel	19.48	15.24	0.56	2.27
Coastal Carolina	18.03	24.02	0.55	1.37
College of Charleston (Main)	16.33	27.86	0.59	0.99
College of Charleston (North Charleston)	19.21	9.65	0.45	4.45
Francis Marion	18.56	15.21	0.56	2.20
Lander	20.14	20.72	0.59	1.64
SC State	18.34	19.79	0.44	2.13
USC Aiken	22.44	35.17	0.51	1.25
USC Beaufort (Main)	17.63	21.11	0.31	2.65
USC Beaufort (South)	27.35	29.92	0.43	2.11
USC Upstate	17.84	30.88	0.52	1.11
Winthrop	18.76	27.50	0.60	1.13
<i>Teaching</i>	19.51	23.09	0.51	1.66
USC Lancaster ²	19.27	25.24	0.36	2.11
USC Salkehatchie (Allendale) ²	20.09	18.67	0.60	1.81
USC Salkehatchie (Walterboro) ²	19.85	20.62	0.44	2.18
USC Sumter ²	20.53	26.99	0.44	1.72
USC Union (Main) ²	19.26	12.56	0.63	2.42
USC Union (Laurens) ²	43.80	1.83	0.76	31.59
<i>USC Branches</i>	23.80	17.65	0.54	2.50
Aiken TC	24.73	17.44	0.62	2.30
Central Carolina TC (Main)	30.16	21.17	0.36	3.94
Central Carolina TC (Shaw)	22.06	15.10	0.47	3.10
Central Carolina TC (Lee)	27.71	8.04	0.53	6.52
Denmark TC (Main)	24.37	12.54	0.76	2.57
Florence-Darlington TC (Main)	20.56	18.44	0.60	1.86
Florence-Darlington TC (Hartsville)	21.27	2.50	0.63	13.43
Florence-Darlington TC (Lake City)	23.73	5.83	0.76	5.34
Florence-Darlington TC (Cosmetology)	48.51	15.47	0.82	3.85
Florence-Darlington TC (Mullins)	78.00	30.50	0.67	3.81
Greenville TC (Main)	24.07	19.46	0.60	2.06
Greenville TC (Donaldson)	46.29	56.96	0.46	1.77
Greenville TC (Greer)	27.39	26.06	0.69	1.53
Greenville TC (Simpsonville)	24.82	9.20	0.67	4.01

TABLE 10—SPACE UTILIZATION IN CLASSROOMS

<u>Institution</u>	<u>Classroom Average Student Station Size (SF per Student Station)</u>	<u>Average Weekly Classroom Hours of Instruction</u>	<u>Classroom Station Utilization Percentage</u>	<u>Space Factor</u>
Greenville TC (Auto Ctr)	11.39	170.45	0.38	0.17
Horry-Georgetown TC (Main)	20.04	21.94	0.57	1.61
Horry-Georgetown TC (Grand Strand)	25.35	18.93	0.65	2.06
Horry-Georgetown TC (Georgetown)	24.24	18.04	0.57	2.37
Midlands TC (Airport)	20.64	31.25	0.64	1.03
Midlands TC (Beltline)	23.18	29.33	0.69	1.15
Midlands TC (Harbison)	30.10	4.22	0.78	9.16
Northeastern TC (Main)	26.51	19.14	0.58	2.39
Northeastern TC (Bennettsville)	24.77	4.13	0.80	7.50
Northeastern TC (Dillon)	30.96	9.38	0.54	6.16
Orangeburg-Calhoun TC	20.12	18.24	0.49	2.23
Piedmont TC (Main)	27.26	15.28	0.43	4.18
Piedmont TC (Abbeville)	26.12	6.83	0.64	5.93
Piedmont TC (Edgefield)	32.68	14.58	0.62	3.59
Piedmont TC (Laurens)	23.06	19.93	0.37	3.14
Piedmont TC (Newberry)	26.41	13.48	0.52	3.75
Spartanburg CC	27.15	19.58	0.72	1.92
TC of the Lowcountry (Main)	22.42	8.40	0.55	4.81
TC of the Lowcountry (New River)	35.71	12.37	0.44	6.55
TC of the Lowcountry (Mungin)	32.69	2.67	0.20	61.22
Tri-County TC	6.77	20.27	0.18	1.90
Trident TC (Main)	18.00	26.09	0.54	1.28
Trident TC (Berkeley)	24.78	15.71	0.45	3.51
Trident TC (Palmer)	18.01	15.03	0.58	2.05
Williamsburg TC	22.14	21.05	0.76	1.38
York TC	23.06	22.01	0.56	1.88
Technical	26.68	20.93	0.57	2.23
ALL INSTITUTIONS	21.72	23.28	0.51	1.83

¹ Excludes station utilization space factor calculation for medical schools

² Reflects utilization for classes taught by four-year institutions

TABLE 11 FTE 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 11, therefore, reports only FTE enrollments.

FTE enrollment is calculated as 15 credit hours per semester for undergraduate students, 12 credit hours per semester for graduate level 1 (master's) students, and 9 credit hours for graduate level 2 (doctoral) students. First professional pharmacy hours are 15 credit hours and first professional law are 14 credit hours. Medicine and Dentistry use headcount rather than credit hours.

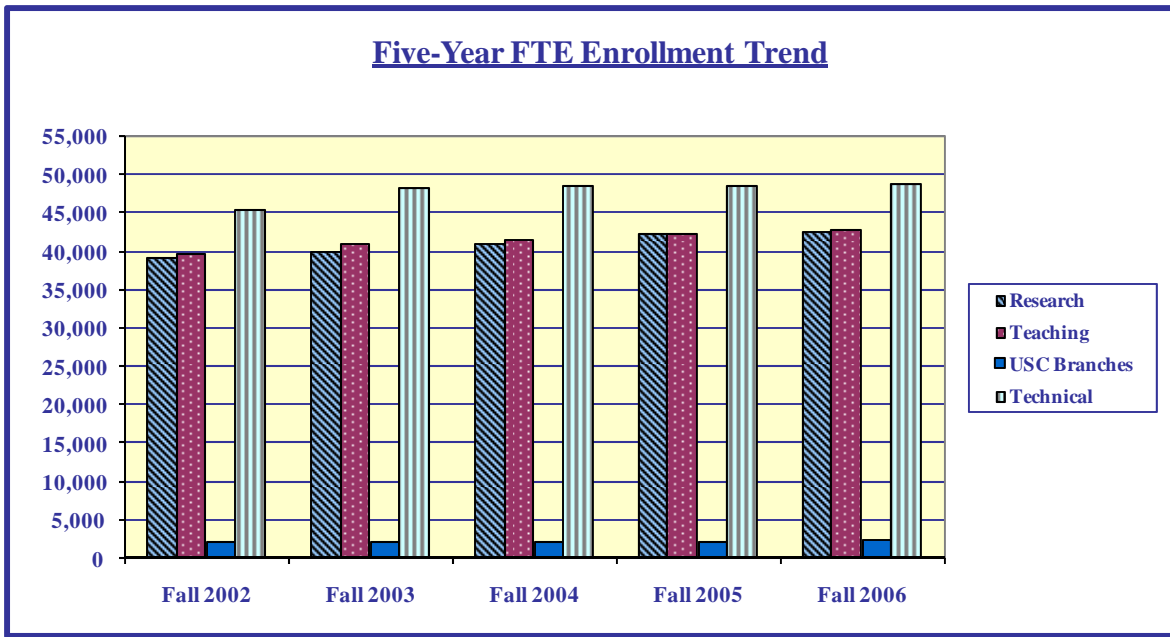


TABLE 11—FTE ENROLLMENT TRENDS—FALL 2002 TO 2006
(ALL LEVELS OF STUDENTS)

<u>Institution</u>	<u>Fall 2002</u>	<u>Fall 2003</u>	<u>Fall 2004</u>	<u>Fall 2005</u>	<u>Fall 2006</u>
Clemson	15,620	15,780	15,948	16,044	16,226
USC Columbia ¹	21,324	21,782	22,557	23,564	23,571
MUSC ¹	2,334	2,390	2,593	2,733	2,776
<i>Research</i>	39,278	39,952	41,098	42,342	42,573
Citadel	3,094	3,061	2,992	3,031	3,036
Coastal Carolina	5,095	5,795	6,141	6,576	6,944
College of Charleston	9,947	9,860	9,942	9,883	9,802
Francis Marion	2,962	3,063	3,126	3,321	3,342
Lander	2,422	2,455	2,524	2,427	2,400
SC State	3,924	3,949	3,976	4,164	4,105
USC Aiken	2,676	2,737	2,761	2,648	2,749
USC Beaufort	680	723	832	916	997
USC Upstate	3,703	3,852	3,794	3,991	4,199
Winthrop	5,287	5,454	5,459	5,438	5,416
<i>Teaching</i>	39,789	40,948	41,548	42,394	42,989
USC Lancaster	623	614	690	748	824
USC Salkehatchie	442	459	400	441	529
USC Sumter	761	753	726	724	742
USC Union	194	179	245	220	245
<i>USC Branches</i>	2,019	2,006	2,060	2,134	2,340
Aiken TC	1,585	1,619	1,634	1,576	1,568
Central Carolina TC	1,890	1,803	1,829	1,770	1,658
Denmark TC	1,233	1,232	1,095	1,170	1,144
Florence-Darlington TC	2,683	2,727	2,836	2,891	2,687
Greenville TC	7,058	7,534	8,283	8,040	8,349
Horry-Georgetown TC	2,930	3,366	3,334	3,502	3,435
Midlands TC	6,527	6,922	6,846	6,816	6,930
Northeastern TC	672	748	726	703	636
Orangeburg-Calhoun TC	1,627	1,780	1,782	1,729	1,627
Piedmont TC	3,094	3,132	2,877	2,882	2,948
Spartanburg CC	2,613	2,781	2,827	3,109	2,925
TC of the Lowcountry	1,017	1,117	1,066	1,033	1,128
Tri-County TC	2,766	3,048	3,175	3,147	3,293
Trident TC	7,054	7,436	7,427	7,112	7,300
Williamsburg TC	321	370	342	362	363
York TC	2,526	2,688	2,593	2,731	2,763
<i>Technical</i>	45,596	48,302	48,672	48,572	48,755
<i>ALL INSTITUTIONS</i>	126,682	131,208	133,378	135,442	136,657

¹FTE includes medicine and dentistry enrollments.

SECTION II

INTERIOR SPACE CHARACTERISTICS



Biosystems Research Complex
Clemson University

Net-to-Gross Ratio

Assignable Area by Function Use Code

Assignable Area by Room Code

Assignable Square Feet per Student Station in Classrooms

Assignable Square Feet per Student Station in Laboratories

TABLE 12
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 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 a 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 non-assignable. 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. Institutions do not report non-assignable space through the CHEMIS data collection. Non-assignable space is calculated by subtracting the net assignable space from the gross space.

For internal accounting of the maintenance and operational activities such structures require, campus parking surveys, and inter-institutional comparisons, it is recommended that data on parking structures be maintained by the institutions. It is important to note some parking structures do contain assignable space. Institutions are responsible for coding such space according to established guidelines.

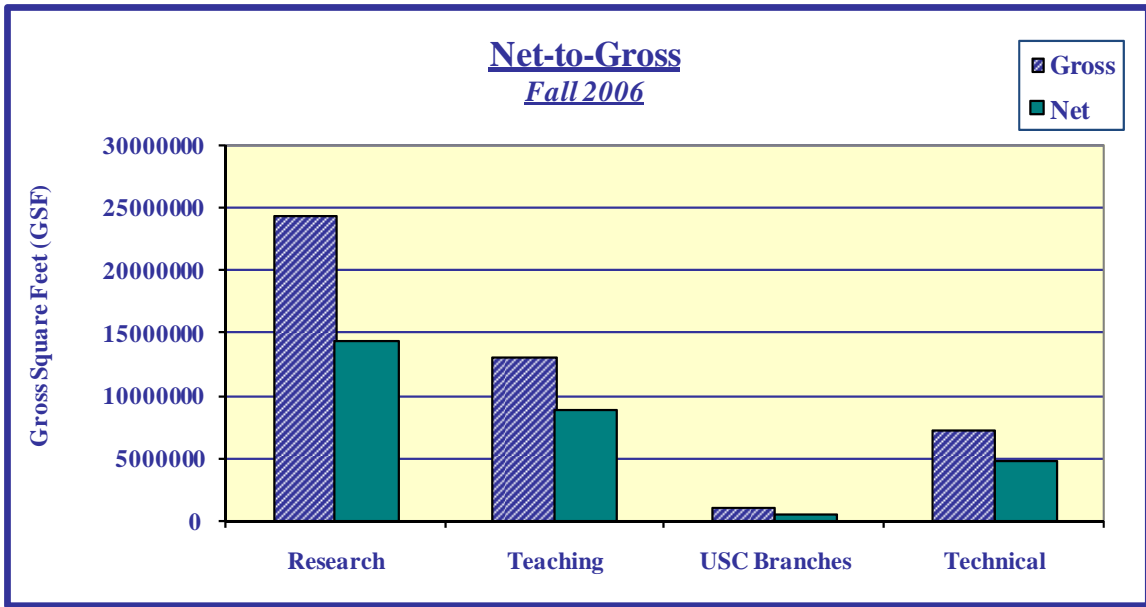


TABLE 12—NET-TO-GROSS RATIO

<u>Institution</u>	<u>Gross Area ASF</u>	<u>Net Area ASF</u>	<u>Net/Gross %</u>
Clemson	6,539,960	4,106,749	62.79
USC Columbia (incl. SOM)	11,277,755	7,369,153	65.34
MUSC	6,365,832	2,866,777	45.03
<i>Research</i>	24,183,547	14,342,679	59.31%
Citadel	1,694,803	1,098,673	64.83
Coastal Carolina	1,265,436	823,902	65.11
College Of Charleston (Main)	2,561,642	1,777,971	69.41
College Of Charleston (North Charleston)	13,640	12,864	94.31
Francis Marion	975,472	629,926	64.58
Lander	920,794	603,831	65.58
SC State	1,653,949	1,286,520	77.78
USC Aiken	818,674	570,266	69.66
USC Beaufort (Main)	87,041	54,681	62.82
USC Beaufort (South)	180,490	112,154	62.14
USC Upstate	755,411	533,973	70.69
Winthrop	1,996,368	1,290,693	64.65
<i>Teaching</i>	12,923,720	8,795,454	68.06%
USC Lancaster	241,730	158,605	65.61
USC Salkehatchie (Allendale)	121,762	98,592	80.97
USC Salkehatchie (Walterboro)	77,210	62,953	81.53
USC Sumter	226,714	130,919	57.75
USC Union (Main)	60,948	41,562	68.19
USC Union (Laurens)	49,000	2,365	4.83
<i>USC Branches</i>	777,364	494,996	63.68%
Aiken TC	312,602	236,620	75.69
Central Carolina TC (Main)	218,715	165,518	75.68
Central Carolina TC (Shaw)	7,755	5,353	69.03
Central Carolina TC (Lee)	6,000	3,216	53.60
Denmark TC (Main)	262,367	179,584	68.45
Denmark TC (Barnwell)	20,110	3,185	15.84
Florence-Darlington TC (Main)	318,327	215,442	67.68
Florence-Darlington TC (Hartsville)	9,360	6,405	68.43
Florence-Darlington TC (Lake City)	9,800	5,953	60.74
Florence-Darlington TC (Cosmetology)	11,616	9,445	81.31
Florence-Darlington TC (Mullins)	4,700	2,674	56.89
Greenville TC (Main)	883,678	474,415	53.69
Greenville TC (Greer)	97,082	59,490	61.28
Greenville TC (Simpsonville)	88,614	57,584	64.98
Greenville TC (Donaldson)	23,182	21,261	91.71
Greenville TC (Cont. Ed)	102,416	25,050	24.46
Greenville TC (RACE)	91,000	84,529	92.89

TABLE 12—NET-TO-GROSS RATIO

<u>Institution</u>	<u>Gross Area</u> <u>ASF</u>	<u>Net Area</u> <u>ASF</u>	<u>Net/Gross</u> <u>%</u>
Horry-Georgetown TC (Main)	289,857	223,124	76.98
Horry-Georgetown TC (Georgetown)	44,447	33,897	76.26
Horry-Georgetown TC (Grand Strand)	139,851	98,113	70.16
Midlands TC (Airport)	363,023	300,733	82.84
Midlands TC (Beltline)	344,086	312,253	90.75
Midlands TC (Harbison)	34,646	30,065	86.78
Midlands TC (Northeast)	50,428	43,029	85.33
Northeastern TC (Main)	137,226	103,282	75.26
Northeastern TC (Bennettsville)	5,089	3,274	64.33
Northeastern TC (Dillon)	5,089	3,274	64.33
Northeastern TC (Pageland)	5,089	3,277	64.39
Orangeburg-Calhoun TC	219,262	175,299	79.95
Piedmont TC (Main)	404,979	252,005	62.23
Piedmont TC (Abbeville)	3,590	3,181	88.61
Piedmont TC (Edgefield)	19,000	12,681	66.74
Piedmont TC (Laurens)	40,900	22,900	55.99
Piedmont TC (McCormick)	2,248	1,913	85.10
Piedmont TC (Newberry)	19,156	18,976	99.06
Piedmont TC (Saluda)	4,552	3,456	75.92
Spartanburg CC	470,986	340,788	72.36
TC of the Lowcountry (Main)	212,854	166,844	78.38
TC of the Lowcountry (Mungin)	15,800	15,012	95.01
TC of the Lowcountry (New River)	33,000	19,171	58.09
Tri-County TC (Main)	386,210	229,487	59.42
Trident TC (Berkeley)	85,227	65,290	76.61
Trident TC (Main)	722,507	391,036	54.12
Trident TC (Palmer)	71,439	46,856	65.59
Williamsburg TC	104,386	73,941	70.83
York TC	402,636	283,301	70.36
<i>Technical</i>	7,104,887	4,832,182	68.01%
ALL INSTITUTIONS	44,989,518	28,465,311	63.27%

TABLE 13 ASSIGNABLE AREA BY FUNCTION USE CODE

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. A program classification structure developed by the National Center for Higher Education Management Systems (NCHEMS) categorizes these activities into 10 major categories called programs. Virtually all of an institution's activities and square footage of assignable space can be categorized into one of these programs.

Instruction – activities carried out for the express purpose of eliciting a measure of educational change in a learner or group of learners.

Research – any activity intended to produce one or more research outcomes – including the creation of knowledge, the organization of knowledge, and the application of knowledge. A research activity may be conducted with institutional funds or under the terms of an agreement with an agency external to the institution.

Public Service – 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.

Academic Support – any activity carried out in direct support of one or more of the instruction, research, and public service programs.

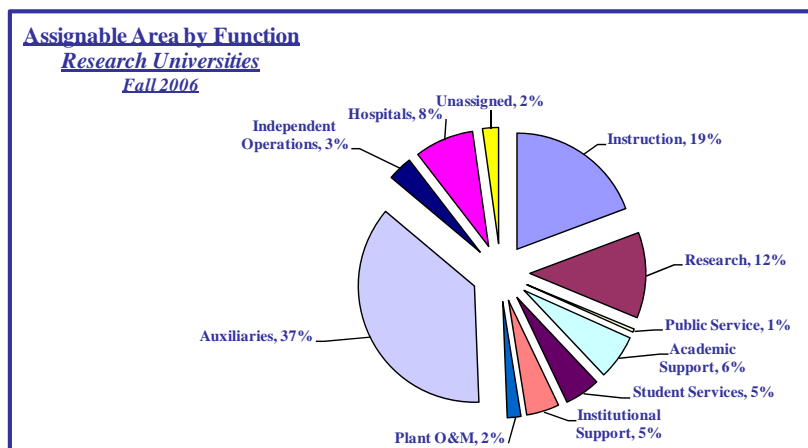
Student Services – activities that contribute to the emotional and physical well-being of students as well as to their intellectual, cultural, and social development outside of the context of the institution's formal instruction program. Institutional Support – activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization.

Operations and Maintenance (O&M) of Physical Plant – activities related to maintaining existing facilities and grounds, providing utility services, and planning and designing future plant expansions and modifications.

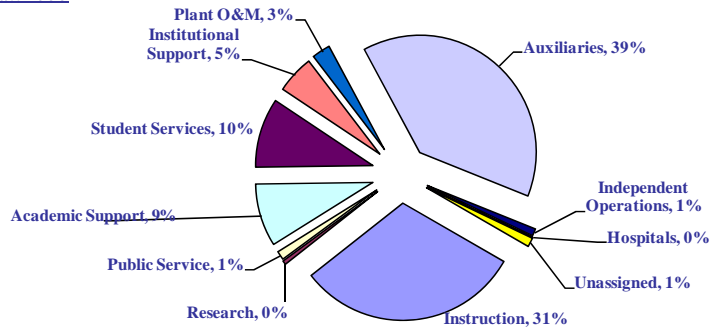
Auxiliary Enterprises – activities that exist to furnish goods or services to students, faculty, or staff and that charge a fee directly related to, although not necessarily equal to the cost of the goods or services.

Independent Operations – institutional activities that are owned by or controlled by the institution but that are independent of, or unrelated to the institution's mission.

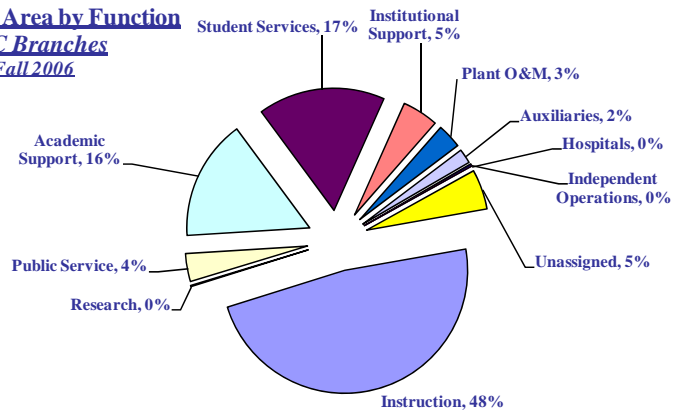
Hospitals – activities associated with patient care operations of a hospital. This category does not include instructional activities which may take place in the hospital but which are more appropriately categorized in the instruction program.



Assignable Area by Function
Teaching Institutions
Fall 2006



Assignable Area by Function
USC Branches
Fall 2006



Assignable Area By Function
Technical Colleges
Fall 2006

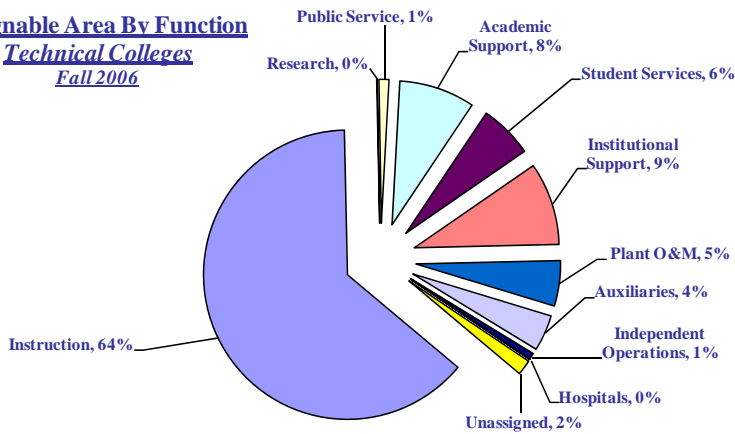


TABLE 13—ASSIGNABLE AREA BY FUNCTION USE CODE

Institution	Assignable Area	Instruction	Research	Public Service	Academic Support	Student Services	Institutional Support	Plant O&M	Auxiliaries	Independent Operations	Hospitals	Unassigned	
Clemson	4,106,749	998,770	560,196	36,480	269,505	270,161	135,798	81,196	1,628,526	124,942	0	1,175	
USC Columbia (incl SOM)	7,369,153	1,360,626	523,439	21,509	510,416	333,650	280,302	116,578	3,584,663	325,558	853	311,559	
MUSC	2,866,777	408,042	629,023	9,303	118,013	104,754	241,198	75,838	53,407	42,144	1,179,250	5,805	
	Research	14,342,679	2,767,438	1,712,658	67,292	897,934	708,565	657,298	273,612	5,266,596	492,644	1,180,103	318,539
Clarend	1,098,673	213,933	0	0	50,492	149,557	41,843	44,358	559,065	29,355	0	10,070	
Coastal Carolina (Main)	823,902	284,251	416	1,200	59,043	100,541	57,874	20,706	286,574	13,297	0	0	
College of Charleston (North Charleston)	12,864	12,864	0	0	0	0	0	0	0	0	0	0	
Francis Marion	629,926	206,587	246	2,677	68,032	86,000	44,860	15,617	204,209	683	0	1,015	
Lander	603,831	226,350	0	0	46,605	64,255	35,253	17,149	214,151	0	0	68	
SC State	1,286,520	310,524	8,984	33,783	143,173	80,162	79,867	14,297	604,005	0	0	11,725	
USC Aiken	570,266	257,233	11,495	7,310	56,440	32,868	9,884	11,408	179,314	4,311	0	3	
USC Beaufort (Main)	54,681	39,085	212	760	11,157	692	1,448	431	871	25	0	0	
USC Beaufort (South)	112,154	38,613	0	0	21,956	0	564	9,400	2,046	480	0	39,095	
USC Upstate	533,973	216,857	3,057	14,121	35,893	14,779	24,553	3,091	173,735	21,812	0	26,075	
Winthrop	1,290,693	371,799	13,059	25,747	114,810	143,445	72,356	41,850	507,627	0	0	0	
	Teaching	7,017,483	2,178,096	37,469	85,598	607,601	672,299	368,502	178,307	2,731,597	69,963	88,051	
USC Lancaster (Main Campus)	158,605	58,217	0	17,216	25,808	48,547	5,215	2,279	1,322	0	0	1	
USC Salkehatchie (Allendale)	98,592	38,911	0	0	17,911	15,975	8,960	11,568	4,727	540	0	0	
USC Salkehatchie (Waterboro)	62,953	25,707	743	100	7,607	989	1,473	601	73	621	0	25,039	
USC Sumter	130,919	92,236	0	265	20,661	8,061	4,339	472	3,395	318	0	1,172	
USC Union (Main)	41,562	19,853	0	758	6,560	9,621	3,651	1,119	0	0	0	0	
USC Union (Laurens)	2,365	2,365	0	0	0	0	0	0	0	0	0	0	
	USC Branches	494,996	237,289	743	18,339	78,547	83,193	23,638	16,039	9,517	1,479	26,212	
Aiken TC	236,620	123,796	0	6,021	25,028	24,344	7,841	4,858	11,988	1,342	0	31,402	
Central Carolina TC (Main)	165,518	129,342	0	592	13,560	3,607	15,705	0	2,712	0	0	0	
Central Carolina TC (Shaw)	5,353	4,169	0	772	0	412	0	0	0	0	0	0	
Central Carolina TC (Lee)	3,216	2,141	0	0	191	809	0	0	75	0	0	0	
Denmark TC (Main)	179,584	65,340	0	0	31,797	9,747	25,519	8,534	33,770	0	0	4,877	
Denmark TC (Barwell)	3,185	3,185	0	0	0	0	0	0	0	0	0	0	
Florence-Darlington TC (Main)	215,442	133,265	139	0	18,846	11,651	24,280	3,144	15,443	1,039	0	5,635	
Florence-Darlington TC (Hartsville)	6,405	4,690	0	0	500	0	1,140	0	0	0	0	75	
Florence-Darlington TC (Lake City)	5,953	5,429	0	0	0	0	524	0	0	0	0	0	
Florence-Darlington TC (Cosmetology)	9,445	4,560	0	0	0	0	0	0	0	0	0	4,885	
Florence-Darlington TC (Mullins)	2,674	2,674	0	0	0	0	0	0	0	0	0	0	

TABLE 13—ASSIGNABLE AREA BY FUNCTION USE CODE

Institution	Assignable Area	Instruction	Research	Public Service	Academic Support	Student Services	Institutional Support	Plant O&M	Auxiliaries	Independent Operations	Hospitals	Unassigned
Greenville TC (Main)	474,415	362,199	0	942	27,353	27,147	20,841	13,781	10,009	12,081	0	62
Greenville TC (Greer)	59,490	55,991	0	0	1,291	552	1,073	318	265	0	0	0
Greenville TC (Simpsonville)	57,584	53,493	0	0	1,091	109	2,380	0	511	0	0	0
Greenville TC (Donaldson)	21,261	20,490	0	0	0	0	0	0	771	0	0	0
Greenville TC (Cont. Ed)	25,050	21,297	0	384	660	0	0	0	0	0	0	2,709
Greenville TC (RACE)	84,529	82,648	0	0	1,881	0	0	0	0	0	0	0
Horry-Georgetown TC (Main)	223,124	114,943	0	0	31,284	32,200	24,500	0	15,941	681	0	3,575
Horry-Georgetown TC (Georgetown)	33,897	22,697	0	0	5,208	460	1,031	307	1,492	2,702	0	0
Horry-Georgetown TC (Grand Strand)	98,113	52,325	0	11,688	12,061	8,929	5,683	0	6,073	0	0	1,354
Midlands TC (Airport)	300,733	154,927	0	0	13,779	23,764	31,688	55,617	20,491	0	0	467
Midlands TC (Belline)	312,253	132,204	0	542	14,290	16,385	102,959	33,282	10,156	0	0	2,435
Midlands TC (Hartison)	30,065	17,068	0	33	0	0	693	7,512	700	0	0	4,059
Midlands TC (Northeast)	43,029	22,878	0	0	140	1,010	0	15,636	3,365	0	0	0
Northeastern TC (Main)	103,282	57,027	0	9,826	15,798	7,361	9,723	3,547	0	0	0	0
Northeastern TC (Bennettsville)	3,274	2,920	0	0	0	272	0	0	82	0	0	0
Northeastern TC (Dillon)	3,274	2,200	0	0	0	272	720	0	82	0	0	0
Northeastern TC (Pageland)	3,277	2,923	0	0	0	272	0	0	82	0	0	0
Orangeburg-Calhoun TC (Main)	175,299	119,773	0	395	15,341	6,970	10,895	12,889	7,776	0	0	1,260
Piedmont TC (Main)	252,005	175,011	0	4,406	12,662	17,866	26,177	12,178	3,705	0	0	0
Piedmont TC (Abbeville)	3,181	3,181	0	0	0	0	0	0	0	0	0	0
Piedmont TC (Edgefield)	12,681	10,077	0	0	0	0	483	0	1,659	0	0	462
Piedmont TC (Laurens)	22,900	22,550	0	0	0	0	350	0	0	0	0	0
Piedmont TC (McCormick)	1,913	1,913	0	0	0	0	0	0	0	0	0	0
Piedmont TC (Newberry)	18,976	15,992	0	0	0	0	2,984	0	0	0	0	0
Piedmont TC (Saluda)	3,456	3,456	0	0	0	0	0	0	0	0	0	0
Spartanburg CC	340,788	227,498	0	4,836	16,298	21,929	33,967	10,723	16,791	8,746	0	0
TC of the Lowcountry (Main)	166,844	72,443	300	10,749	15,881	6,280	15,287	26,408	1,915	0	0	17,581
TC of the Lowcountry (Munising)	15,012	11,091	0	0	163	0	733	2,629	0	396	0	0
TC of the Lowcountry (New River)	19,171	13,667	0	0	1,791	991	1,999	0	723	0	0	0
Tri-County TC (Main)	229,487	152,918	3,727	0	23,431	16,184	16,179	9,946	0	5,926	0	1,176
Trident TC (Berkeley)	65,290	49,817	0	104	5,389	4,683	2,339	1,161	1,797	0	0	0
Trident TC (Main)	391,036	288,437	100	98	51,082	11,303	29,904	768	9,344	0	0	0
Trident TC (Palmer)	46,856	41,035	0	0	681	4,106	0	0	1,034	0	0	0
Williamsonburg TC	73,941	44,882	0	1,732	6,195	3,574	6,515	8,327	2,667	0	0	49
York TC	283,301	158,124	0	635	48,317	26,484	22,976	13,530	13,235	0	0	0
<i>Technical</i>	4,832,182	3,070,686	4,266	53,755	411,989	289,673	447,088	245,095	194,654	32,913	0	82,003
ALL INSTITUTIONS	26,687,340	8,253,509	1,755,136	224,984	1,996,071	1,753,730	1,496,526	713,053	8,202,364	596,999	1,180,103	514,865

TABLE 14 ASSIGNABLE AREA BY ROOM CODE

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 below. Specific definitions can be found in the NCES Postsecondary Education Facilities Inventory & Classification Manual (2006 Edition).

Table 14 provides percentage distributions among the 10 major room use code divisions. In theory, the sums of the percentages should always equal 100.0, but for some institutions, they do not because of rounding.

<u>100 Classroom Facilities</u>	545 Clinic Service
110 Classroom	550 Demonstration
115 Classroom Service	555 Demonstration Service
	560 Field Building
<u>200 Laboratory Facilities</u>	570 Animal Quarters
210 Class Laboratory	575 Animal Quarters Service
215 Class Laboratory Service	580 Greenhouse
220 Open Laboratory	585 Greenhouse Service
225 Open Laboratory Service	590 Other (All Purpose)
250 Research/Non-class Laboratory	
255 Research/Non-class Laboratory Service	<u>600 General Use Facilities</u>
	610 Assembly
<u>300 Office Facilities</u>	615 Assembly Service
310 Office	620 Exhibition
315 Office Service	625 Exhibition Service
350 Conference Room	630 Food Facility
355 Conference Room Service	635 Food Facility Service
	640 Day Care
<u>400 Study Facilities</u>	645 Day Care Service
410 Study Room	650 Lounge
420 Stack	655 Lounge Service
430 Open-Stack Study Room	660 Merchandising
440 Processing Room	665 Merchandising Service
455 Study Service	670 Recreation
	675 Recreation Service
<u>500 Special Use Facilities</u>	680 Meeting Room
510 Armory	685 Meeting Room Service
515 Armory Service	
520 Athletic or Physical Education	700 Support Facilities
523 Athletic Facilities Spectator Seating	710 Central Computer or Telecommunications

Assignable Area by Room Code (continued)

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

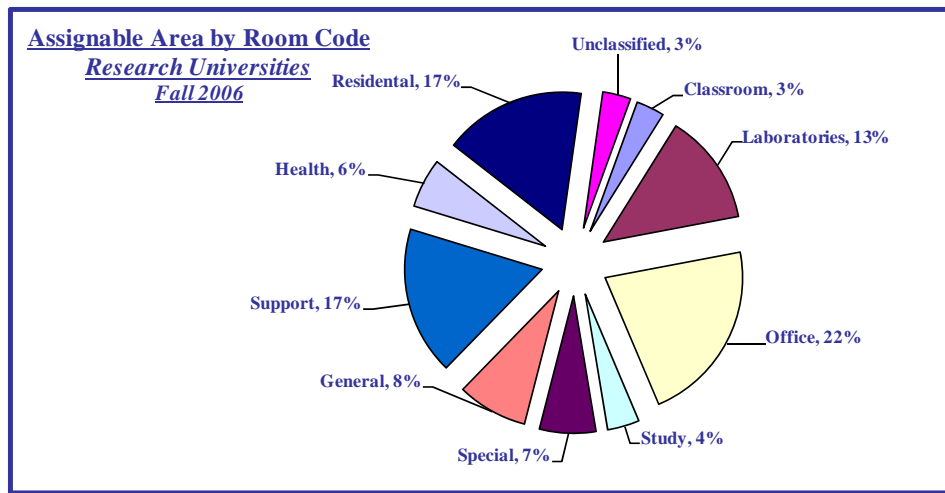
810 Patient Bedroom
 815 Patient Bedroom Service
 820 Patient Bath
 830 Nurse Station
 835 Nurse Station Service
 840 Surgery
 845 Surgery Service
 850 Treatment/Examination
 855 Treatment/Examination Service
 860 Diagnostic Service Laboratory
 865 Diagnostic Service Laboratory Support
 870 Central Supplies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

900 Residential Facilities

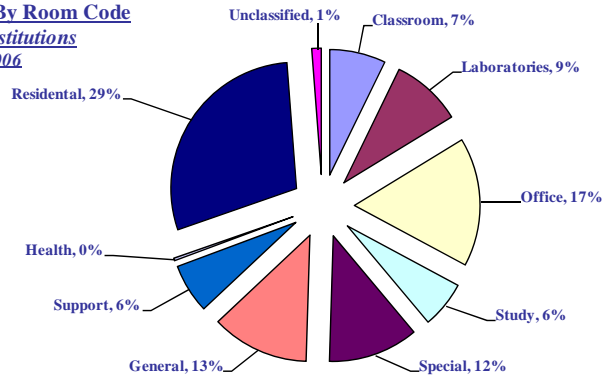
910 Sleep/Study without Toilet or Bath
 910X Sleep/Study without Toilet or Bath Designed and Equipped for Mobility Impaired
 919 Toilet or Bath
 919X Toilet or Bath Designed and Equipped for Mobility Impaired
 920 Sleep/Study with Toilet or Bath
 920X Sleep/Study with Toilet or Bath Designed and Equipped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

000 Unclassified Facilities

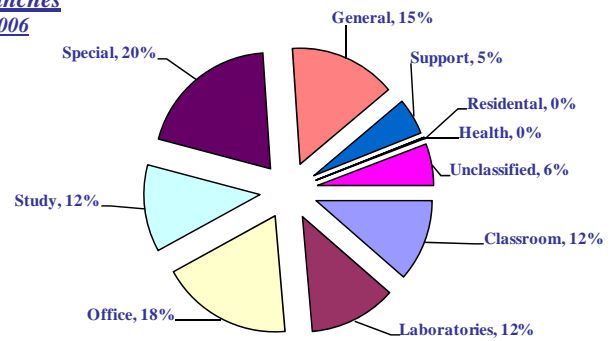
010 Elevator
 011 Men's Toilet Equipped for Mobility Impaired
 012 Women's Toilet Equipped for Mobility Impaired
 013 Unisex Toilet Equipped for Mobility Impaired
 050 Inactive Area
 060 Alteration or Conversion Area
 070 Unfinished Area



Assignable Area By Room Code
Teaching Institutions
Fall 2006



Assignable Area by Room Code
USC Branches
Fall 2006



Assignable Area by Room Code
Technical Colleges
Fall 2006

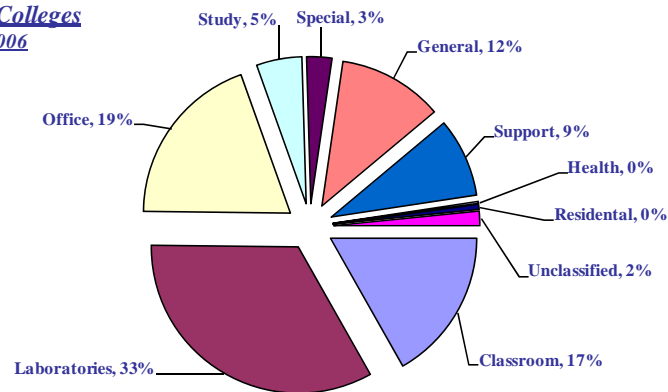


TABLE 14—ASSIGNABLE AREA BY ROOM USE CODE

Institution	Assignable Area	Classroom	Laboratories	Office	Study	Special	General	Support	Health	Residential	Unclassified
Clemson	4,106,749	177,850	801,877	774,873	183,006	287,878	515,475	258,580	9,125	1,086,653	11,432
USC Columbia (incl SOM)	7,369,153	247,501	725,914	1,327,568	300,110	511,714	607,298	2,052,959	14,645	1,307,688	273,756
MUSC	2,866,777	51,670	356,296	995,839	56,262	150,786	65,394	188,880	809,110	1,565	190,975
	14,342,679	477,021	1,884,087	3,098,280	539,378	950,378	1,188,167	2,500,419	832,880	2,395,906	476,163
Ciadel	1,098,673	89,582	78,819	137,123	31,782	137,976	179,076	63,044	8,960	367,095	5,216
Coastal Carolina	823,902	90,821	65,054	178,256	30,598	82,681	96,934	42,181	2,149	230,051	5,177
College of Charleston (Main)	1,777,971	97,745	120,283	261,955	135,429	231,367	153,789	258,506	7,902	494,264	16,731
College of Charleston (North Charleston)	12,864	9,201	1,580	2,083	0	0	0	0	0	0	0
Francis Marion	629,926	58,402	88,607	95,395	67,788	54,653	69,018	31,089	0	164,974	0
Lander	603,831	38,573	66,296	77,041	42,166	94,250	68,597	15,616	0	192,953	8,339
SC State	1,286,520	86,354	108,759	175,884	52,651	159,075	154,587	52,483	8,145	484,882	3,700
USC Aiken	570,266	27,946	57,340	175,634	28,830	70,388	55,854	15,971	0	138,301	2
USC Beaufort (Main)	54,681	8,989	6,558	18,787	10,422	748	8,135	1,042	0	0	0
USC Beaufort (South)	112,154	14,807	8,876	15,119	16,771	1,591	4,798	11,097	0	0	39,095
USC Upstate	533,973	47,383	45,907	89,866	29,812	56,408	85,199	13,805	0	137,053	28,540
Winthrop	1,290,693	64,803	147,797	231,092	85,963	130,407	223,893	52,983	2,443	351,312	0
	8,795,454	634,606	795,876	1,458,235	532,212	1,019,544	1,099,880	557,817	29,599	2,560,885	106,800
USC Lancaster	158,605	18,865	28,153	23,558	19,697	45,595	19,018	3,718	0	0	1
USC Salkehatchie (Allendale)	98,592	6,780	8,795	15,836	16,780	12,887	21,934	13,754	0	0	1,826
USC Salkehatchie (Walterboro)	62,953	5,518	4,574	3,464	5,841	11,700	4,234	1,478	184	921	25,039
USC Sumter	130,919	17,341	14,782	35,058	13,380	19,509	24,671	5,006	0	0	1,172
USC Union (Main)	41,562	5,671	4,122	12,977	4,438	8,309	3,908	1,406	0	0	731
USC Union (Laurens)	2,365	2,365	0	0	0	0	0	0	0	0	0
	494,996	56,540	60,426	90,893	60,136	98,000	73,765	25,362	184	921	28,769
Aiken TC	236,620	25,998	85,247	48,000	17,175	4,698	35,252	15,286	0	0	4,964
Central Carolina TC (Main)	165,518	31,662	69,538	35,213	10,061	615	12,490	5,939	0	0	0
Central Carolina TC (Shaw)	5,353	2,779	818	412	0	0	1,344	0	0	0	0
Central Carolina TC (Lee)	3,216	1,912	82	829	161	0	75	157	0	0	0
Denmark TC (Main)	179,584	26,005	34,626	24,013	9,518	16,828	11,809	24,119	1,161	25,619	5,886
Denmark TC (Barnwell)	3,185	2,108	0	947	0	0	130	0	0	0	0
Florence-Darlington TC (Main)	215,442	32,569	65,409	45,997	12,649	6,149	35,080	12,714	0	0	4,875
Florence-Darlington TC (Hartsville)	6,405	1,032	1,914	2,377	300	0	782	0	0	0	0
Florence-Darlington TC (Lake City)	5,953	1,566	2,291	504	0	55	1,537	0	0	0	0
Florence-Darlington TC (Cosmology)	9,445	4,560	0	0	0	0	0	0	0	0	4,885
Florence-Darlington TC (Mullins)	2,674	1,404	1,270	0	0	0	0	0	0	0	0
Greenville TC (Main)	474,415	124,323	140,113	103,883	8,912	12,120	49,500	10,061	0	0	25,503

TABLE 14—ASSIGNABLE AREA BY ROOM USE CODE

Institution	Assignable Area	Classroom	Laboratories	Office	Study	Special	General	Support	Health	Residential	Unclassified
Greenville TC (Greer)	59,490	18,970	23,070	9,036	201	3,828	4,385	0	0	0	0
Greenville TC (Simpsonville)	57,584	23,316	21,796	6,570	1,091	0	4,472	339	0	0	0
Greenville TC (Donaldson)	21,261	5,323	13,850	1,092	225	0	771	0	0	0	0
Greenville TC (Cont. Ed)	25,050	885	13,850	2,115	0	0	5,348	143	0	0	2,709
Greenville TC (Race)	84,529	4,623	72,729	2,779	1,017	2,157	1,224	0	0	0	0
Horry-Georgetown TC (Main)	223,124	22,961	65,705	56,413	28,606	2,819	32,893	10,356	0	656	2,715
Horry-Georgetown TC (Georgetown)	33,897	10,290	12,854	5,340	3,481	0	1,492	440	0	0	0
Horry-Georgetown TC (Grand Strand)	98,113	12,393	18,918	14,473	11,298	7,106	30,462	2,269	0	0	1,194
Midlands TC (Airport)	300,733	41,654	72,120	81,429	9,751	1,862	31,421	62,496	0	0	0
Midlands TC (Bellline)	312,253	36,365	43,481	39,221	10,361	260	25,421	155,194	270	0	1,680
Midlands TC (Harbison)	30,065	8,269	1,468	6,854	283	0	760	12,431	0	0	0
Midlands TC (Northeast)	43,029	4,445	12,446	7,595	0	0	2,882	14,023	0	1,638	0
Northeastern TC (Main)	103,282	9,888	34,291	20,769	10,618	2,326	18,081	5,634	105	0	1,570
Northeastern TC (Bennettsville)	3,274	743	1,052	272	0	0	1,207	0	0	0	0
Northeastern TC (Dillon)	3,274	743	1,052	272	0	0	1,207	0	0	0	0
Northeastern TC (Pageland)	3,277	746	1,052	272	0	0	1,207	0	0	0	0
Orangeburg-Calhoun TC	175,299	27,529	49,812	55,387	11,494	1,359	21,479	8,239	0	0	0
Piedmont TC (Main)	252,005	44,184	89,472	46,556	10,334	25,640	31,443	4,376	0	0	0
Piedmont TC (Abbeville)	3,181	1,698	1,259	152	0	0	72	0	0	0	0
Piedmont TC (Edgefield)	12,681	2,516	6,715	2,361	0	0	1,089	0	0	0	0
Piedmont TC (Laurens)	22,900	4,704	7,328	1,744	1,640	0	7,484	0	0	0	0
Piedmont TC (McCormick)	1,913	395	977	205	0	0	336	0	0	0	0
Piedmont TC (Newberry)	18,976	5,598	5,698	758	3,432	0	3,490	0	0	0	0
Piedmont TC (Saluda)	3,456	372	3,028	0	0	0	56	0	0	0	0
Spartanburg CC	340,788	68,786	98,211	83,654	11,460	1,435	62,457	14,785	0	0	0
TC of the Lowcountry (Main)	166,844	22,005	48,481	24,074	6,039	28,704	13,930	5,926	104	0	17,581
TC of the Lowcountry (Mungin)	15,012	1,046	3,440	1,292	0	2,629	0	6,605	0	0	0
TC of the Lowcountry (New River)	19,171	7,285	5,351	3,075	1,551	111	1,798	0	0	0	0
Tri-County TC (Main)	229,487	50,092	77,973	52,816	12,170	4,534	10,674	13,034	7,018	0	1,176
Trident TC (Berkeley)	65,290	6,762	35,148	13,880	4,647	1,134	2,005	453	1,261	0	0
Trident TC (Main)	391,036	46,822	197,696	77,067	30,299	6,020	17,914	14,627	591	0	0
Trident TC (Palmer)	46,856	13,091	19,500	3,189	1,410	0	9,666	0	0	0	0
Williamsburg TC	73,941	5,048	39,325	12,951	0	480	7,271	6,652	0	0	2,214
York TC	283,301	46,696	112,326	39,319	11,544	1,103	58,330	13,983	0	0	0
Technical	4,832,182	812,161	1,612,782	935,157	241,728	133,972	560,726	420,281	10,510	27,913	76,952
ALL INSTITUTIONS	28,465,311	1,980,328	4,353,171	5,582,565	1,373,454	2,201,894	2,922,538	3,503,879	873,173	4,985,625	688,684

TABLE 15 **ASSIGNABLE SQUARE FEET PER STUDENT STATION IN CLASSROOMS**

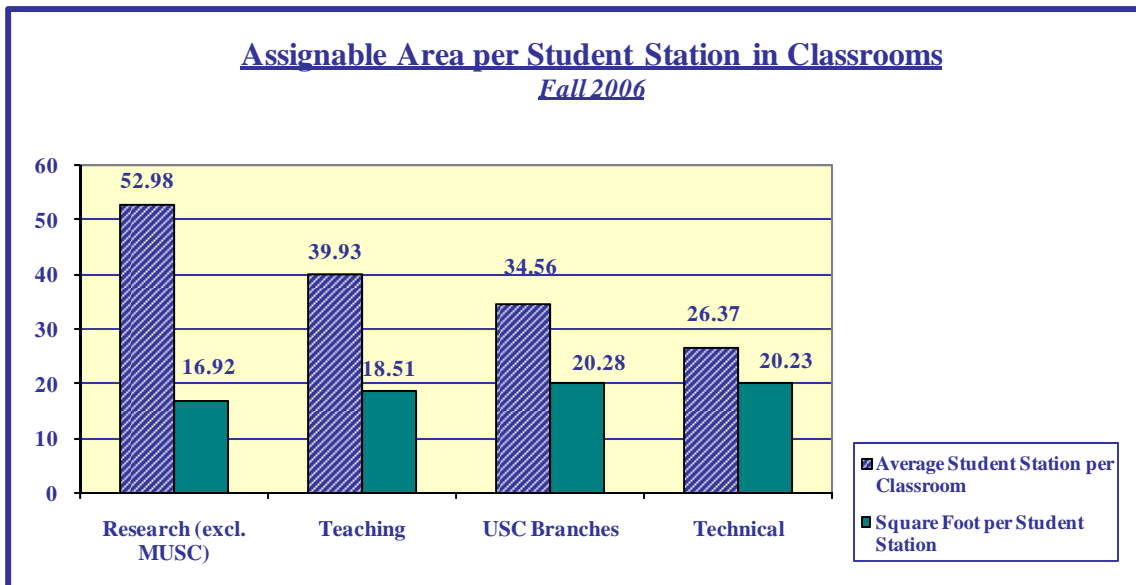
The number of students a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

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, South Carolina has adopted a standard of 22 square feet per station. A more detailed list of norms is provided in Appendix C.

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

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

<u>Assignable Square Feet Per Station Criteria</u>			
Number of Stations	ASF for Tables & Chairs	ASF for Armchair Desk (Small)	ASF for Armchair Desk (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



**TABLE 15—ASSIGNABLE SQUARE FEET PER STUDENT STATION
IN CLASSROOMS**

<u>Institution</u>	<u>Total # of Rooms</u>	<u># of Student Stations</u>	<u>Average Student Station per Room</u>	<u>Total ASF</u>	<u>SF per Student Station</u>
Clemson	205	10,545	51.44	172,805	16.39
USC Columbia	227	12,376	54.52	215,075	17.38
<i>Research</i>	432	22,921	52.98	387,880	16.92
Citadel	106	4,287	40.44	83,527	19.48
Coastal Carolina	104	4,926	47.37	88,831	18.03
College of Charleston (Main)	135	5,856	43.38	95,605	16.33
College of Charleston (North Charleston)	15	479	31.93	9,201	19.21
Francis Marion	67	2,859	42.67	53,051	18.56
Lander	50	1,779	35.58	35,836	20.14
SC State	95	4,191	44.12	76,883	18.34
USC Aiken	34	1,233	36.26	27,670	22.44
USC Beaufort (Main)	13	510	39.23	8,989	17.63
USC Beaufort (South)	13	539	41.46	14,741	27.35
USC Upstate	66	2,630	39.85	46,910	17.84
Winthrop	86	3,172	36.88	59,506	18.76
<i>Teaching</i>	784	32,461	39.93	600,750	18.51
USC Lancaster	20	979	48.95	18,865	19.27
USC Salkehatchie (Allendale)	11	335	30.45	6,730	20.09
USC Salkehatchie (Walterboro)	7	278	39.71	5,518	19.85
USC Sumter	20	780	39.00	16,014	20.53
USC Union (Main)	9	281	31.22	5,413	19.26
USC Union (Laurens)	3	54	18.00	2,365	43.80
<i>USC Branches</i>	70	2,707	34.56	54,905	20.28
Aiken TC	38	1,021	26.87	25,254	24.73
Central Carolina TC (Main)	43	1,297	30.16	31,262	24.10
Central Carolina TC (Shaw)	5	126	25.20	2,779	22.06
Central Carolina TC (Lee)	4	69	17.25	1,912	27.71
Denmark TC (Main)	33	1,037	31.42	25,272	24.37
Denmark TC (Barnwell)	8	121	15.13	1,822	15.06
Florence-Darlington TC (Main)	47	1,537	32.70	31,598	20.56
Florence-Darlington TC (Hartsville)	2	45	22.50	957	21.27
Florence-Darlington TC (Lake City)	3	66	22.00	1,566	23.73
Florence-Darlington TC (Cosmetology)	5	94	18.80	4,560	48.51
Florence-Darlington TC (Mullins)	1	18	18.00	1,404	78.00
Greenville TC (Main)	139	4,683	33.69	112,740	24.07
Greenville TC (Greer)	22	592	26.91	16,217	27.39
Greenville TC (Simpsonville)	36	868	24.11	21,542	24.82
Greenville TC (Donaldson)	4	115	28.75	5,323	46.29
Greenville TC (Cont. Ed)	1	22	22.00	660	30.00
Greenville TC (RACE)	10	400	40.00	4,557	11.39
Horry-Georgetown TC (Main)	28	985	35.18	19,737	20.04

**TABLE 15—ASSIGNABLE SQUARE FEET PER STUDENT STATION
IN CLASSROOMS**

<u>Institution</u>	<u>Total # of Rooms</u>	<u># of Student Stations</u>	<u>Average Student Station per Room</u>	<u>Total ASF</u>	<u>SF per Student Station</u>
Horry-Georgetown TC (Georgetown)	13	392	30.15	9,504	24.24
Horry-Georgetown TC (Grand Strand)	15	470	31.33	11,915	25.35
Midlands TC (Airport)	67	2,018	30.12	41,654	20.64
Midlands TC (Beltline)	54	1,552	28.74	35,981	23.18
Midlands TC (Harbison)	13	263	20.23	7,917	30.10
Midlands TC (Northeast)	6	140	23.33	4,445	31.75
Northeastern TC (Main)	15	373	24.87	9,888	26.51
Northeastern TC (Bennettsville)	2	30	15.00	743	24.77
Northeastern TC (Dillon)	2	24	12.00	743	30.96
Northeastern TC (Pageland)	2	30	15.00	746	24.87
Orangeburg-Calhoun TC (Main)	38	1,258	33.11	25,314	20.12
Piedmont TC (Main)	55	1,597	29.04	43,540	27.26
Piedmont TC (Abbeville)	5	65	13.00	1,698	26.12
Piedmont TC (Edgefield)	7	77	11.00	2,516	32.68
Piedmont TC (Laurens)	10	204	20.40	4,704	23.06
Piedmont TC (McCormick)	1	12	12.00	285	23.75
Piedmont TC (Newberry)	9	212	23.56	5,598	26.41
Piedmont TC (Saluda)	1	20	20.00	372	18.60
Spartanburg CC	78	1,994	25.56	54,137	27.15
TC of the Lowcountry (Main)	33	959	29.06	21,497	22.42
TC of the Lowcountry (Mungin)	2	32	16.00	1,046	32.69
TC of the Lowcountry (New River)	7	204	29.14	7,285	35.71
Tri-County TC (Main)	76	6,948	91.42	47,041	6.77
Trident TC (Berkeley)	11	264	24.00	6,543	24.78
Trident TC (Main)	68	2,595	38.16	46,706	18.00
Trident TC (Palmer)	21	727	34.62	13,091	18.01
Williamsburg TC	9	228	25.33	5,048	22.14
York TC	46	1,661	36.11	38,305	23.06
<i>Technical</i>	1,095	37,445	26.37	757,424	20.23
ALL INSTITUTIONS	2,381	95,534	38	1,800,959	18.85

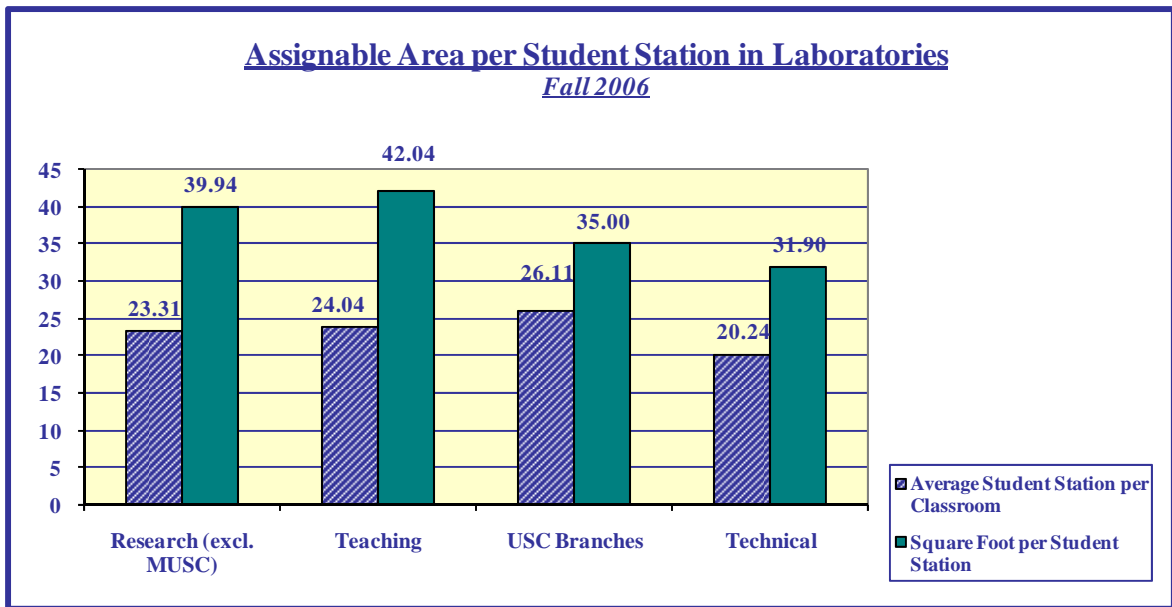
TABLE 16

ASSIGNABLE SQUARE FEET PER STUDENT STATION IN LABORATORIES

The square footage per student station in 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 laboratory 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.

South Carolina has adopted ASF-per-station guidelines for four discipline categories of space used nationally.

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



**TABLE 16—ASSIGNABLE SQUARE FEET PER STUDENT STATION
IN LABORATORIES**

<u>Institution</u>	<u>Total # of Rooms</u>	<u># of Student Stations</u>	<u>Average Student Station per Room</u>	<u>Total ASF</u>	<u>SF per Student Station</u>
Clemson	235	4,913	20.91	218,976	44.57
USC Columbia	134	3,445	25.71	114,866	33.34
Research	369	8,358	23.31	333,842	39.94
Citadel	71	1,423	20.04	51,945	36.50
Coastal Carolina	48	1,277	26.60	41,164	32.23
College of Charleston (Main)	33	861	26.09	36,098	41.93
College of Charleston (North Charleston)	2	40	20.00	1,200	30.00
Francis Marion	40	1,079	26.98	50,215	46.54
Lander	36	942	26.17	38,162	40.51
SC State	64	1,289	20.14	67,619	52.46
USC Aiken	28	660	23.57	23,313	35.32
USC Beaufort (Main)	4	90	22.50	3,853	42.81
USC Beaufort (South)	4	95	23.75	5,343	56.24
USC Upstate	28	773	27.61	25,856	33.45
Winthrop	73	1,823	24.97	90,394	49.59
Teaching	431	10,352	24.04	435,162	42.04
USC Lancaster	14	425	30.36	14,377	33.83
USC Salkehatchie (Allendale)	5	118	23.60	4,117	34.89
USC Salkehatchie (Walterboro)	3	80	26.67	2,459	30.74
USC Sumter	10	259	25.90	10,216	39.44
USC Union	4	96	24.00	3,058	31.85
USC Branches	36	978	26.11	34,227	35.00
Aiken TC	79	1,877	23.76	77,896	41.50
Central Carolina TC (Main)	31	674	21.74	50,587	75.05
Central Carolina TC (Shaw)	1	20	20.00	818	40.90
Central Carolina TC (Lee)	1	24	24.00	82	3.42
Denmark TC (Main)	19	573	30.16	30,327	52.93
Florence-Darlington TC (Main)	43	861	20.02	58,999	68.52
Florence-Darlington TC (Hartsville)	4	65	16.25	1,719	26.45
Florence-Darlington TC (Lake City)	4	80	20.00	2,291	28.64
Florence-Darlington TC (Mullins)	2	28	14.00	1,270	45.36
Greenville TC (Main)	36	822	22.83	43,421	52.82
Greenville TC (Greer)	5	87	17.40	4,246	48.80
Greenville TC (Simpsonville)	10	251	25.10	16,650	66.33
Horry-Georgetown TC (Main)	45	1,048	23.29	43,591	41.59
Horry-Georgetown TC (Georgetown)	7	196	28.00	6,526	33.30
Horry-Georgetown TC (Grand Strand)	14	364	26.00	12,165	33.42
Midlands TC (Airport)	39	912	23.38	31,833	34.90
Midlands TC (Beltline)	33	692	20.97	26,480	38.27
Midlands TC (Harbison)	3	40	13.33	1,418	35.45

**TABLE 16—ASSIGNABLE SQUARE FEET PER STUDENT STATION
IN LABORATORIES**

<u>Institution</u>	<u>Total # of Rooms</u>	<u># of Student Stations</u>	<u>Average Student Station per Room</u>	<u>Total ASF</u>	<u>SF per Student Station</u>
Midlands TC (Northeast)	5	90	18.00	3,565	39.61
Northeastern TC (Main)	2	36	18.00	1,631	45.31
Northeastern TC (Bennettsville)	1	13	13.00	468	36.00
Northeastern TC (Dillon)	1	12	12.00	468	39.00
Northeastern TC (Pageland)	1	13	13.00	468	36.00
Orangeburg-Calhoun TC	33	674	20.42	38,835	57.62
Piedmont TC (Main)	84	1,592	18.95	72,042	45.25
Piedmont TC (Abbeville)	4	45	11.25	1,259	27.98
Piedmont TC (Edgefield)	8	65	8.13	6,715	3.31
Piedmont TC (Laurens)	12	199	16.58	7,200	36.18
Piedmont TC (McCormick)	4	38	9.50	977	25.71
Piedmont TC (Newberry)	9	172	19.11	5,698	33.13
Piedmont TC (Saluda)	9	117	13.00	3,028	25.88
Spartanburg CC	45	941	20.91	60,699	64.50
TC of the Lowcountry (Main)	33	754	22.85	39,296	52.12
TC of the Lowcountry (Mungin)	2	50	25.00	1,727	34.54
TC of the Lowcountry (New River)	4	82	20.50	4,586	55.93
Tri-County TC (Main)	81	9,971	23.10	67,358	6.76
Trident TC (Berkeley)	2	76	38.00	1,728	22.74
Trident TC (Main)	11	246	22.36	8,917	36.25
Trident TC (Palmer)	5	168	33.60	3,400	20.24
Williamsburg TC	23	417	18.13	34,335	82.34
York TC	16	388	24.25	15,596	40.20
<i>Technical</i>	771	24,773	20.24	790,315	31.90
ALL INSTITUTIONS	1,607	44,461	23.42	1,593,546	35.84

SECTION III

BUILDING CHARACTERISTICS



Wheelwright Auditorium
Coastal Carolina University

Ownership of Buildings

Capital Investment, Non-Residential Buildings

Capital Investment, Residential Buildings

Age of Buildings by Gross Square Feet

Condition of Buildings

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Accessible Area as a Percentage of Assignable

TABLE 17 **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 six ownership categories:

- 1.) Owned Fee Simple
- 2.) Title Vested, Institution - and being paid on an amortization schedule.
- 3.) Title Vested, Holding Company - building corporation or foundation to which payments are being made by the institution; title will ultimately pass to the institution. (Includes lease-purchase arrangements).
- 4.) Leased/Rented Unaffiliated - Not owned by the institution but leased or rented to the institution by an unaffiliated third party.
- 5.) Leased/Rented Affiliated - Not owned by the institution but leased or rented to the institution by a related entity (i.e.; institutional foundations, trusts, etc.).
- 6.) Leased to an institution for Nominal Costs (Eligible for Capital Improvement Bonds)

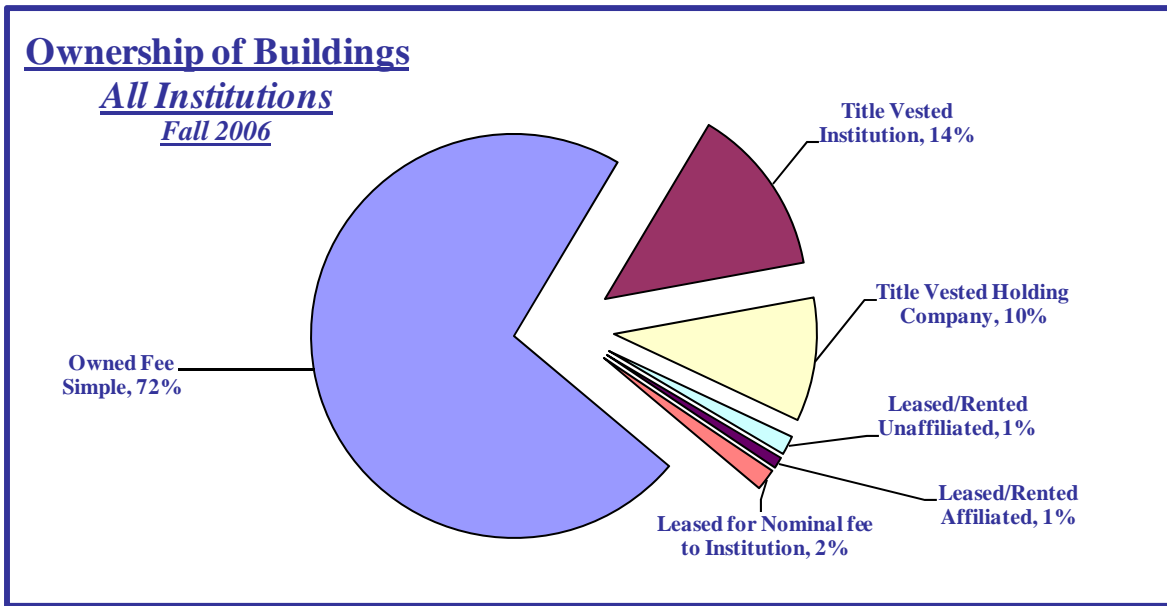


TABLE 17—OWNERSHIP OF BUILDINGS

Institution	Owned Fee Simple	Title Vested Institution	Title Vested Holding Company	Leased/Rented Unaffiliated	Leased/Rented Affiliated	Leased for Nominal Fee to Institution	Total GSF
Clemson	6,292,651	0	33,514	0	213,795	0	6,539,960
USC Columbia (incl SOM)	7,564,463	3,277,556	0	21,858	0	413,878	11,277,755
MUSC	3,663,668	0	2,352,775	346,231	3,158	0	6,365,832
	17,520,782	3,277,556	2,386,289	368,089	216,953	413,878	24,183,547
Research							
Citadel	1,694,803	0	0	0	0	0	1,694,803
Coastal Carolina	1,077,372	0	0	80,416	107,648	0	1,265,436
College of Charleston (Main)	1,644,098	631,238	0	45,179	241,127	0	2,561,642
College of Charleston (North Charleston)	0	0	13,640	0	0	0	13,640
Francis Marion	718,709	256,763	0	0	0	0	975,472
Lander	737,696	177,046	0	6,052	0	0	920,794
SC State	1,653,949	0	0	0	0	0	1,653,949
USC Aiken	818,674	0	0	0	0	0	818,674
USC Beaufort (Main)	83,159	0	0	3,882	0	0	87,041
USC Beaufort (South)	16,558	0	0	163,932	0	0	180,490
USC Upstate	403,892	0	152,752	63,907	134,860	0	755,411
Winthrop	1,996,368	0	0	0	0	0	1,996,368
	10,845,278	1,065,047	166,392	363,368	483,635	0	12,923,720
Teaching							
USC Lancaster	137,059	0	0	0	0	104,671	241,730
USC Salkehatchie (Allendale)	121,762	0	0	0	0	0	121,762
USC Salkehatchie (Walterboro)	52,281	0	0	0	24,929	0	77,210
USC Sumter	226,714	0	0	0	0	0	226,714
USC Union (Main)	59,698	0	0	0	1,250	0	60,948
USC Union (Laurens)	0	0	0	49,000	0	0	49,000
	597,514	0	0	49,000	26,179	104,671	777,364
USC Branches							
Aiken TC	312,602	0	0	0	0	0	312,602
Central Carolina TC (Main)	218,715	0	0	0	0	0	218,715
Central Carolina TC (Shaw)	7,755	0	0	0	0	0	7,755
Central Carolina TC (Lee)	0	0	0	6,000	0	0	6,000
Denmark TC (Main)	262,367	0	0	0	0	0	262,367
Denmark TC (Barnwell)	20,110	0	0	0	0	0	20,110
Florence-Darlington TC (Main)	318,327	0	0	0	0	0	318,327
Florence-Darlington TC (Hartsville)	9,360	0	0	0	0	0	9,360
Florence-Darlington TC (Lake City)	0	0	0	9,800	0	0	9,800
Florence-Darlington TC (Cosmetology)	0	0	0	0	11,616	0	11,616
Florence-Darlington TC (Mullins)	0	0	0	4,700	0	0	4,700

TABLE 17—OWNERSHIP OF BUILDINGS

Institution	Owned Fee Simple	Title Vested Institution	Title Vested Holding Company	Leased/Rented Unaffiliated	Leased/Rented Affiliated	Leased for Nominal Fee to Institution	Total GSF
Greenville TC (Main)	883,678	0	0	0	0	0	883,678
Greenville TC (Greer)	30,182	0	66,900	0	0	0	97,082
Greenville TC (Simpsonville)	88,614	0	0	0	0	0	88,614
Greenville TC (Donaldson)	2,212	0	0	20,970	0	0	23,182
Greenville TC (Cont. Fcd)	102,416	0	0	0	0	0	102,416
Greenville TC (RACE)	91,000	0	0	0	0	0	91,000
Horry-Georgetown TC (Main)	289,857	0	0	0	0	0	289,857
Horry-Georgetown TC (Georgetown)	44,447	0	0	0	0	0	44,447
Horry-Georgetown TC (Grand Strand)	139,851	0	0	0	0	0	139,851
Midlands TC (Airport)	363,023	0	0	0	0	0	363,023
Midlands TC (Belthine)	344,086	0	0	0	0	0	344,086
Midlands TC (Harbison)	0	34,646	0	0	0	0	34,646
Midlands TC (Northeast)	50,428	0	0	0	0	0	50,428
Northeastern TC (Main)	137,226	0	0	0	0	0	137,226
Northeastern TC (Bennettsville)	5,089	0	0	0	0	0	5,089
Northeastern TC (Dillon)	5,089	0	0	0	0	0	5,089
Northeastern TC (Pageland)	5,089	0	0	0	0	0	5,089
Orangeburg-Calhoun TC	219,262	0	0	0	0	0	219,262
Piedmont TC (Main)	395,599	0	0	9,380	0	0	404,979
Piedmont TC (Abbeville)	0	0	0	3,590	0	0	3,590
Piedmont TC (Edgefield)	0	0	0	19,000	0	0	19,000
Piedmont TC (Laurens)	40,900	0	0	0	0	0	40,900
Piedmont TC (McCormick)	0	0	0	2,248	0	0	2,248
Piedmont TC (Newberry)	0	0	0	19,156	0	0	19,156
Piedmont TC (Saluda)	4,552	0	0	0	0	0	4,552
Spartanburg CC	443,251	27,735	0	0	0	0	470,986
TC of the Lowcountry (Main)	212,854	0	0	0	0	0	212,854
TC of the Lowcountry (Muscogin)	15,800	0	0	0	0	0	15,800
TC of the Lowcountry (New River)	0	0	0	33,000	0	0	33,000
Tri-County TC	386,210	0	0	0	0	0	386,210
Trident TC (Berkeley)	85,227	0	0	0	0	0	85,227
Trident TC (Main)	722,507	0	0	0	0	0	722,507
Trident TC (Palmer)	71,439	0	0	0	0	0	71,439
Williamsburg TC	102,658	0	0	0	0	0	102,658
York TC	402,636	0	0	0	0	0	402,636
<i>Technical</i>	<i>6,834,418</i>	<i>62,381</i>	<i>66,900</i>	<i>127,844</i>	<i>11,616</i>	<i>0</i>	<i>7,103,159</i>
<i>ALL INSTITUTIONS</i>	<i>35,797,992</i>	<i>4,404,984</i>	<i>2,619,581</i>	<i>908,301</i>	<i>738,383</i>	<i>518,549</i>	<i>44,987,790</i>

TABLES 18 & 19
CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility 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 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. The replacement value is determined by the Budget & Control Board. Site surveys are completed every seven to 10 years. In the intermediary years, the value is inflated.

TABLE 18—CAPITAL INVESTMENT, NON-RESIDENTIAL BUILDINGS

Institution	# of Buildings	Building Cost	Replacement Value	Campus GSF
Clemson	151	\$239,801,708	\$853,791,120	4,706,007
USC Columbia (incl SOM)	136	\$526,579,536	\$1,323,129,196	8,896,417
MUSC	121	\$397,434,583	\$1,166,482,792	6,364,013
Research	408	\$1,163,815,827	\$3,343,403,108	19,966,437
Citadel	45	\$69,211,022	\$203,280,921	1,190,208
Coastal Carolina	67	\$71,920,309	\$141,804,330	984,488
College of Charleston (Main)	73	\$107,284,739	\$249,017,182	1,783,069
College of Charleston (North Charleston)	1	\$1	\$1,800,000	13,640
Francis Marion	21	\$35,724,050	\$131,604,637	747,457
Lander	26	\$43,512,399	\$98,194,902	625,954
SC State	58	\$37,263,866	\$142,368,700	1,101,554
USC Aiken	22	\$56,077,539	\$107,399,259	623,554
USC Beaufort (Main)	10	\$4,908,959	\$10,731,935	87,041
USC Beaufort (South)	8	\$22,726,617	\$22,726,617	180,490
USC Upstate	18	\$42,472,955	\$95,123,169	565,851
Winthrop	48	\$30,372,033	\$223,957,325	1,372,878
Teaching	397	\$521,474,489	\$1,428,008,977	9,276,184
USC Lancaster	7	\$21,917,317	\$43,784,001	241,730
USC Salkehatchie (Allendale)	18	\$4,457,933	\$10,335,559	121,762
USC Salkehatchie (Walterboro)	4	\$5,133,657	\$7,463,517	77,210
USC Sumter	8	\$11,554,506	\$34,612,534	226,714
USC Union (Main)	5	\$3,895,404	\$6,667,512	60,948
USC Union (Laurens)	1	\$36,300	\$36,300	49,000
USC Branches	43	\$46,995,117	\$102,899,423	777,364
Aiken TC	10	\$22,699,191	\$41,949,839	312,602
Central Carolina TC (Main)	7	\$5,451,832	\$26,648,363	218,715
Central Carolina TC (Shaw)	1	\$255,762	\$894,841	7,755
Central Carolina TC (Lee)	1	\$1	\$1	6,000
Denmark TC (Main)	18	\$5,598,519	\$21,295,003	211,127
Denmark TC (Barnwell)	1	\$175,000	\$1,087,865	20,110
Florence-Darlington TC (Main)	11	\$11,195,028	\$39,927,976	318,327
Florence-Darlington TC (Hartsville)	1	\$300,000	\$789,487	9,360
Florence-Darlington TC (Lake City)	1	\$850,000	\$850,000	9,800
Florence-Darlington TC (Cosmetology)	1	\$1,412,652	\$1,412,652	11,616
Florence-Darlington TC (Mullins)	1	\$210,412	\$210,412	4,700
Greenville TC (Main)	19	\$29,016,758	\$99,430,427	883,678
Greenville TC (Greer)	3	\$8,963,727	\$12,324,939	97,082
Greenville TC (Simpsonville)	2	\$9,203,346	\$12,034,018	88,614

TABLE 18—CAPITAL INVESTMENT, NON-RESIDENTIAL BUILDINGS

<u>Institution</u>	<u># of Buildings</u>	<u>Building Cost</u>	<u>Replacement Value</u>	<u>Campus GSF</u>
Greenville TC (Donaldson)	2	\$76,375	\$1,268,075	23,182
Greenville TC (Cont. Ed)	2	\$3,659,700	\$11,809,502	102,416
Greenville TC (RACE)	1	\$1,228,350	\$3,329,680	91,000
Horry-Georgetown TC (Main)	13	\$19,755,332	\$43,330,597	289,857
Horry-Georgetown TC (Georgetown)	1	\$548,000	\$4,607,306	44,447
Horry-Georgetown TC (Grand Strand)	4	\$11,893,421	\$16,932,707	139,851
Midlands TC (Airport)	16	\$21,895,454	\$41,206,097	363,023
Midlands TC (Beltline)	10	\$17,438,368	\$40,035,074	344,086
Midlands TC (Harbison)	7	\$877,890	\$3,642,834	34,646
Midlands TC (Northeast)	1	\$9,465,087	\$10,260,182	50,428
Northeastern TC (Main)	10	\$8,221,000	\$17,419,305	137,226
Northeastern TC (Bennettsville)	2	\$630,075	\$573,129	5,089
Northeastern TC (Dillon)	2	\$700,275	\$573,129	5,089
Northeastern TC (Pageland)	2	\$669,675	\$573,129	5,089
Orangeburg-Calhoun TC (Main)	18	\$14,974,444	\$28,427,685	219,262
Piedmont TC (Main)	22	\$9,877,000	\$45,050,393	404,979
Piedmont TC (Abbeville)	1	\$9,999	\$404,185	3,590
Piedmont TC (Edgefield)	1	\$1,750,000	\$2,312,231	19,000
Piedmont TC (Laurens)	1	\$5,600,000	\$6,804,000	40,900
Piedmont TC (McCormick)	1	\$9,999	\$301,613	2,248
Piedmont TC (Newberry)	1	\$9,999	\$9,999	19,156
Piedmont TC (Saluda)	1	\$120,000	\$343,605	4,552
Spartanburg CC	13	\$26,986,005	\$61,280,563	470,986
TC of the Lowcountry (Main)	24	\$9,179,825	\$23,592,001	212,854
TC of the Lowcountry (Mungin)	1	\$418,000	\$1,153,460	15,800
TC of the Lowcountry (New River)	1	\$2,000,000	\$5,451,000	33,000
Tri-County TC	14	\$24,843,000	\$46,180,113	386,210
Trident TC (Berkeley)	3	\$4,574,000	\$12,002,774	85,227
Trident TC (Main)	18	\$36,402,297	\$91,496,041	722,507
Trident TC (Palmer)	1	\$5,187,000	\$16,237,381	71,439
Williamsburg TC	9	\$6,026,396	\$9,939,759	104,386
York TC	15	\$23,567,279	\$70,138,722	402,636
<i>Technical</i>	295	\$363,926,473	\$875,542,094	7,053,647
<i>ALL INSTITUTIONS</i>	1,143	\$2,096,211,906	\$5,749,853,602	37,073,632

TABLE 19—CAPITAL INVESTMENT, RESIDENTIAL BUILDINGS

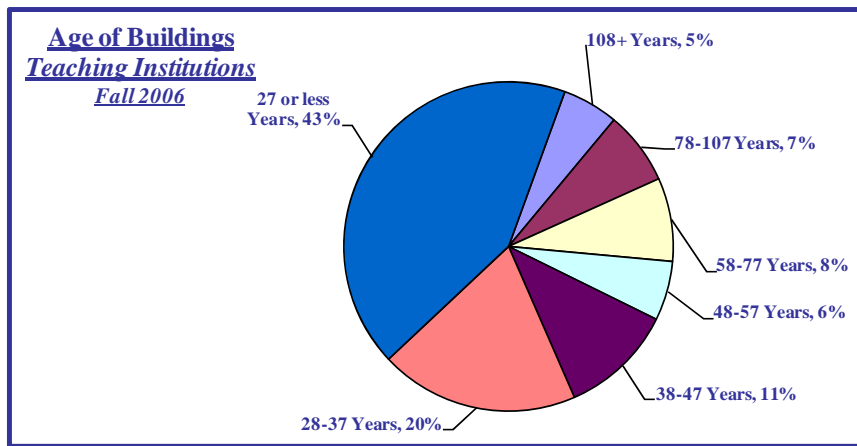
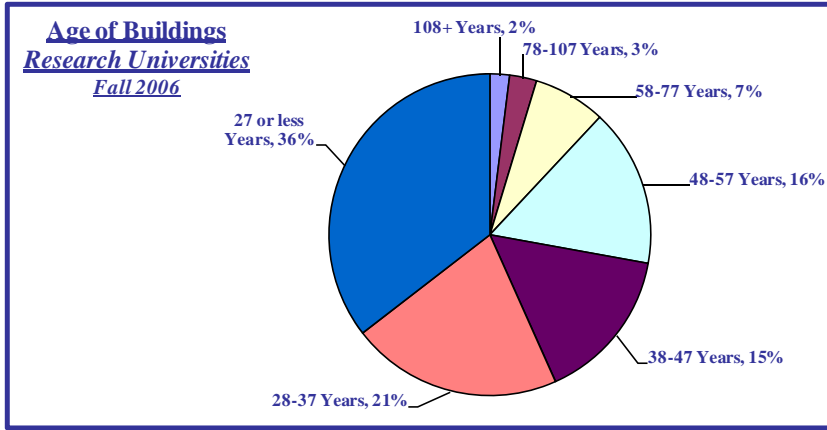
<u>Institution</u>	<u># of Buildings</u>	<u>Building Cost</u>	<u>Replacement Value</u>	<u>Campus GSF</u>
Clemson	143	\$70,514,316	\$140,984,316	1,466,081
USC Columbia	38	\$89,439,756	\$195,835,629	1,624,356
MUSC	1	\$90,716	\$166,400	1,819
<i>Research</i>	<i>182</i>	<i>\$160,044,788</i>	<i>\$336,986,345</i>	<i>3,092,256</i>
Citadel	34	\$48,433,419	\$107,099,654	504,595
Coastal Carolina	10	\$23,200,090	\$32,980,268	280,948
College of Charleston	50	\$44,398,443	\$89,773,711	721,219
Francis Marion	20	\$10,621,491	\$20,057,632	222,371
Lander	43	\$17,412,973	\$34,440,030	294,840
SC State	20	\$14,922,922	\$66,389,882	552,395
USC Aiken	2	\$14,682,000	\$15,542,048	195,120
USC Upstate	1	\$3,875,000	\$6,098,844	84,560
Winthrop	8	\$6,765,210	\$56,842,069	582,662
<i>Teaching</i>	<i>188</i>	<i>\$184,311,548</i>	<i>\$429,224,138</i>	<i>3,438,710</i>
Denmark TC ¹	3	\$194,000	\$2,397,266	29,230
<i>Technical</i>	<i>3</i>	<i>\$194,000</i>	<i>\$2,397,266</i>	<i>29,230</i>
ALL INSTITUTIONS	373	\$344,550,336	\$768,607,749	6,560,196

¹The 1962 South Carolina Code of Laws provided for the inclusion of particular trade schools in Lexington, Bamberg, and Beaufort Counties with a provision that these schools not be subjected to the requirements relating to county or area participation in the operation of local technical school facilities. In 1972, related portions of this law were repealed. Currently, the aforementioned intent of the 1962 law is provided through Sections 59-53-57 and 59-53-80. Therefore, the residential facilities at Denmark Technical College were “grandfathered in” and remain permissible under current state law.

TABLE 20
AGE OF BUILDINGS REPORTED BY GROSS SQUARE FEET

This table reports the total gross square footage of buildings by year of construction. For purposes of this study, the year of construction is defined as the year the building was completed regardless of any later year of occupancy.

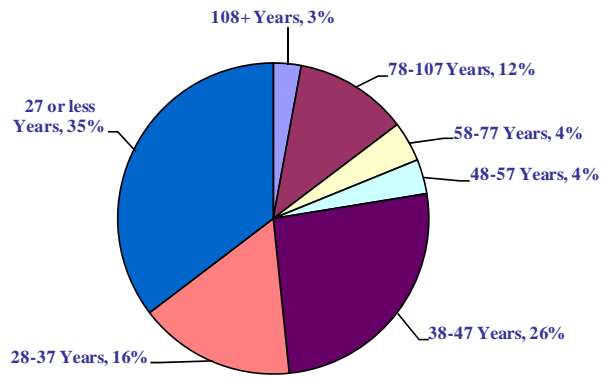
Although this table gives some indication of how new an institution's facilities are, it does take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 21 (Condition of Buildings) and Table 22 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).



Age of Buildings

USC Branches

Fall 2006



Age of Buildings

Technical Colleges

Fall 2006

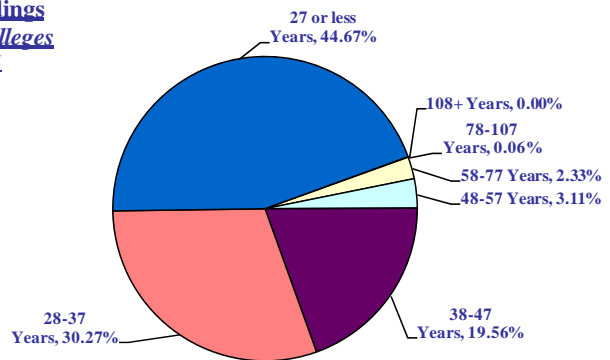


TABLE 20—AGE OF BUILDINGS

Institution	Total Gross ASF	Pre-1900	1900-1929	1930-1949	1950-1959	1960-1969	1970-1979	1980-Present
Clemson	6,539,960	184,706	243,506	799,639	1,565,792	1,271,496	680,486	1,794,335
USC Columbia (incl SOM)	11,277,755	223,447	355,662	865,756	1,459,573	1,963,834	2,889,154	3,520,329
MUSC	6,365,832	69,364	57,542	93,681	816,450	503,897	1,560,643	3,264,255
<i>Research</i>	24,183,547	477,517	656,710	1,759,076	3,841,815	3,739,227	5,130,283	8,578,919
Citadel	1,694,803	0	146,519	437,611	242,230	169,799	97,535	601,109
Coastal Carolina	1,265,436	0	0	0	0	53,366	330,315	881,755
College of Charleston (Main)	2,561,642	336,628	95,055	155,155	135,494	141,474	471,404	1,226,432
College of Charleston (North Charleston)	13,640	0	0	0	0	0	0	13,640
Francis Marion	975,472	0	6,363	0	0	42,026	604,167	322,916
Lander	920,794	0	20,694	7,000	57,204	26,453	207,377	602,066
SC State	1,653,949	0	173,281	145,844	314,771	314,409	382,767	322,877
USC Aiken	818,674	4,427	0	0	0	1,920	210,562	601,765
USC Beaufort (Main)	87,041	5,005	0	40,145	0	22,338	8,627	10,926
USC Beaufort (South)	180,490	0	0	0	0	0	0	180,490
USC Upstate	755,411	0	0	0	0	43,110	213,742	498,559
Winthrop	1,996,368	364,701	489,480	273,973	3,114	628,058	0	237,042
<i>Teaching</i>	12,923,720	710,761	931,392	1,059,728	752,813	1,442,953	2,526,496	5,499,577
USC Lancaster	241,730	0	0	0	0	70,856	50,277	120,597
USC Salkehatchie (Allendale)	121,762	0	20,965	25,836	3,892	0	12,521	58,548
USC Salkehatchie (Walterboro)	77,210	0	45,606	6,675	0	0	0	24,929
USC Sumter	226,714	0	0	0	24,000	119,073	62,468	21,173
USC Union (Main)	60,948	22,452	25,016	0	0	11,654	1,250	576
USC Union (Laurens)	49,000	0	0	0	0	0	0	49,000
<i>USC Branches</i>	777,364	22,452	91,587	32,511	27,892	201,583	126,516	274,823
Aiken TC	312,602	0	0	0	0	0	140,957	171,645
Central Carolina TC (Main)	218,715	0	0	0	0	61,781	68,920	88,014
Central Carolina TC (Shaw)	7,755	0	0	0	0	0	7,755	0
Central Carolina TC (Lee)	6,000	0	0	0	0	0	0	6,000
Denmark TC (Main)	262,367	0	0	1,500	12,394	52,494	154,576	41,403
Denmark TC (Barnwell)	20,110	0	0	0	0	0	0	20,110
Florence-Darlington TC (Main)	318,327	0	0	0	0	56,477	164,353	97,497
Florence-Darlington TC (Hartsville)	9,360	0	0	0	0	0	0	9,360
Florence-Darlington TC (Lake City)	9,800	0	0	0	0	0	0	9,800
Florence-Darlington TC (Cosmetology)	11,616	0	0	0	0	0	0	11,616
Florence-Darlington TC (Mullins)	4,700	0	0	0	0	0	0	4,700
Greenville TC (Main)	883,678	0	0	123,627	0	195,111	284,711	280,229
Greenville TC (Greer)	97,082	0	0	0	0	0	0	97,082
Greenville TC (Simpsonville)	88,614	0	0	0	0	0	0	88,614
Greenville TC (Donaldson)	23,182	0	0	0	0	0	0	23,182

TABLE 20—AGE OF BUILDINGS

Institution	Total Gross ASF	Pre-1900	1900-1929	1930-1949	1950-1959	1960-1969	1970-1979	1980-Present
Greenville TC (Cont. Ed)	102,416	0	0	0	0	92,614	0	9,802
Greenville TC (RACE)	91,000	0	0	0	0	0	91,000	0
Horry-Georgetown TC (Main)	289,857	0	0	0	0	68,165	39,732	181,960
Horry-Georgetown TC (Georgetown)	44,447	0	0	0	0	0	44,447	0
Horry-Georgetown TC (Grand Strand)	139,851	0	0	0	125,729	0	0	14,122
Midlands TC (Airport)	363,023	0	0	0	23,058	25,729	58,200	256,036
Midlands TC (Beltline)	344,086	0	0	0	0	129,185	61,000	153,901
Midlands TC (Harbison)	34,646	0	3,915	10,422	19,909	0	0	400
Midlands TC (Northeast)	50,428	0	0	0	0	0	0	50,428
Northeastern TC (Main)	137,226	0	0	0	0	55,692	45,214	36,320
Northeastern TC (Bennettsville)	5,089	0	0	0	0	0	0	5,089
Northeastern TC (Dillon)	5,089	0	0	0	0	0	0	5,089
Northeastern TC (Pageland)	5,089	0	0	0	0	0	0	5,089
Orangeburg-Calhoun TC	219,262	0	0	0	0	63,621	50,298	105,343
Piedmont TC (Main)	404,979	0	0	0	2,280	66,061	162,631	174,007
Piedmont TC (Abbeville)	3,590	0	0	0	3,590	0	0	0
Piedmont TC (Edgefield)	19,000	0	0	0	0	0	0	19,000
Piedmont TC (Laurens)	40,900	0	0	0	0	0	0	40,900
Piedmont TC (McCormick)	2,248	0	0	2,248	0	0	0	0
Piedmont TC (Newberry)	19,156	0	0	19,156	0	0	0	0
Piedmont TC (Saluda)	4,552	0	0	0	0	0	0	4,552
Spartanburg CC	470,986	0	0	0	0	209,096	2,700	259,190
TC of the Lowcountry (Main)	212,854	0	0	8,816	33,899	21,532	88,438	60,169
TC of the Lowcountry (Mungin)	15,800	0	0	0	0	0	15,800	0
TC of the Lowcountry (New River)	33,000	0	0	0	0	0	0	33,000
Tri-County TC	386,210	0	0	0	0	61,238	120,956	204,016
Trident TC (Berkeley)	85,227	0	0	0	0	0	0	85,227
Trident TC (Main)	722,507	0	0	0	0	126,088	389,362	207,057
Trident TC (Palmer)	71,439	0	0	0	0	0	0	71,439
Williamsburg TC	104,386	0	0	0	0	0	78,722	25,664
York TC	402,636	0	0	0	0	104,640	81,122	216,874
<i>Technical</i>	7,104,887	0	3,915	165,769	220,859	1,389,524	2,150,894	3,173,926
ALL INSTITUTIONS	44,989,518	1,210,730	1,683,604	3,017,084	4,843,379	6,773,287	9,934,189	17,527,245

TABLE 21 CONDITON OF BUILDINGS

The physical condition of campus buildings has been a matter of increasing concern to institutional administrators, CHE, and policymakers. As institutional budgets tightened during the 1980s and 1990s, institutions had to defer the maintenance of facilities. Many institutions continue this policy today due to the lack of capital improvement bonds and increasing enrollments which is severely limiting the functionality of campus facilities. As a result, some colleges and universities now have buildings which are in such poor condition they can no longer adequately support the programs for which they were intended.

The data in Table 21 are based on the assessment of building conditions by facilities managers at the institutions. Every three years, the facilities managers survey their campus facilities and assign a condition code for each building. In the interim years, they adjust the condition code to account for deterioration. These codes are defined below.

In 1994, the Commission on Higher Education and the Budget & Control Board jointly conducted a study of deferred maintenance at South Carolina's public colleges and universities. The study, *Deferred Maintenance, An Analysis of South Carolina's Facilities Portfolio*, identified approximately \$173 million of deferred maintenance needs for E&G facilities. Based on this study, the Commission adopted an implementation plan for the elimination of the identified backlog of deferred maintenance. The plan, which required an appropriation of approximately \$42 million per year for a period of four years, was not funded.

The CHE staff updated the study in 2003 and found the total backlog of deferred maintenance had increased to approximately \$603 million. The increases were attributed to:

1. ***The rate of inflation.*** A deficiency will cost more to repair next year than it would this year due to increases in labor and material costs.
2. ***The rate of overall plant deterioration.*** Facilities are in a constant state of deterioration. While identified problems are being corrected, other problems occur.
3. ***The rate of deferred maintenance deterioration.*** Facilities deteriorate at an average of one to two percent per year. When maintenance is deferred however, the rate of deterioration increases to about four percent per year (Melvin 2).
4. ***The lack of sufficient funds for routine maintenance.*** During periods of austere funding, routine maintenance competes for funding against the more urgent needs of faculty salaries and instruction costs. Balancing the budget often requires that routine maintenance be deferred.

Since the update, E&G deferred maintenance has continued to increase with current estimates showing a backlog of over \$1 billion across the state. Institutions have approached this situation with innovative strategies, however, current efforts cannot overcome this enormous backlog.

South Carolina's public colleges and universities use a Building Quality Evaluation system to report and code the physical condition of each building. This system, when properly employed, provides a method for objectively evaluating a building's systems and aggregating the points to represent the physical status of the building at the time of the inventory or audit. Five sets of point ranges are used, indicating a condition from poor to excellent. The range reported generally reflects the percentage of a building's estimated replacement cost required to restore the facility to satisfactory condition. The point ranges and their definitions are listed below:

Aggregate Point Range

Description

95-100	<u>Satisfactory</u> – Building is suitable for use with normal maintenance. Any required restoration to present acceptable standards without major room use changes, alterations, or modernization is not more than five percent of the estimated replacement cost of the building.
75-94	<u>Remodeling A</u> – Required restoration is less than 25 percent but more than five percent.
51-74	<u>Remodeling B</u> – Required restoration is more than 25 percent but less than 50 percent.
26-50	<u>Remodeling C</u> – Required restoration is more than 50 percent but less than 75 percent.
1-25	<u>Demolition or Termination</u> – Required restoration is more than 75 percent.

It should be noted only educational and general (E&G) facilities are included in this table. Therefore, the total GSF will not match those found in other tables.

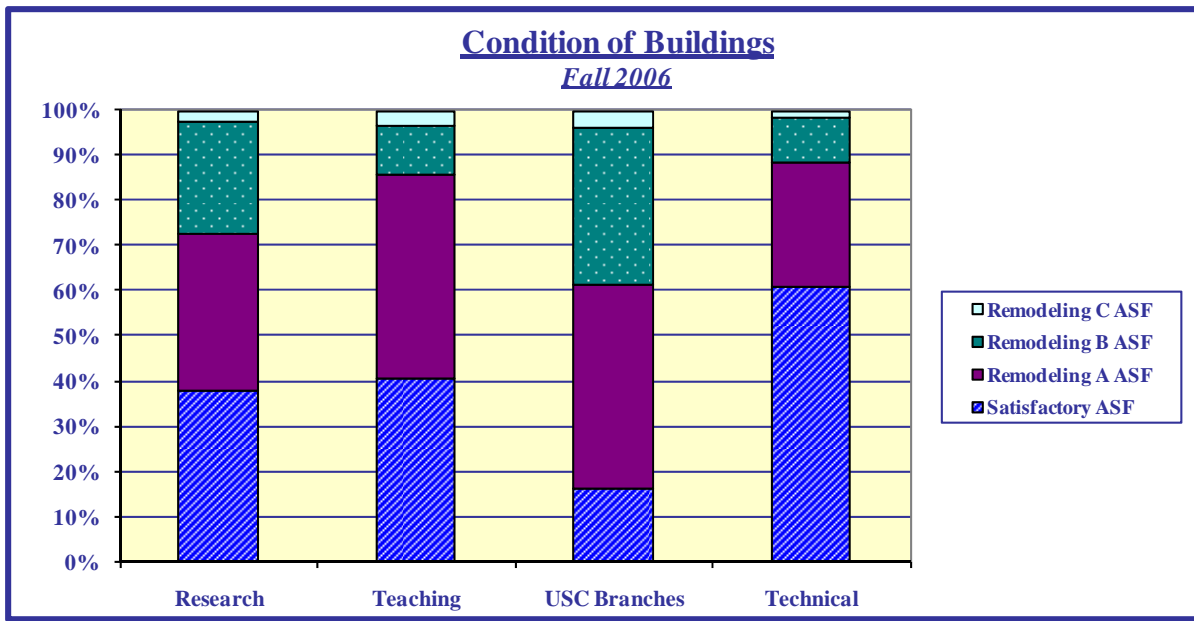


TABLE 21—CONDITION OF BUILDINGS

Institution	Total Gross ASF	Satisfactory ASF	Remodeling A ASF	Remodeling B ASF	Remodeling C ASF	Demolition/ Termination	Null Values
Clemson	6,539,960	2,870,221	1,245,097	1,866,008	436,109	0	122,525
USC Columbia (incl SOM)	2,277,755	5,224,256	4,223,054	1,646,359	61,956	0	122,130
MUSC	6,365,832	846,021	2,748,966	2,325,863	98,751	0	346,231
<i>Research</i>	15,183,547	8,940,498	8,217,117	5,838,230	596,816	0	590,886
Citadel	1,694,803	277,269	1,067,740	305,388	44,406	0	0
Coastal Carolina	1,265,436	671,919	593,517	0	0	0	0
College of Charleston (Main)	2,561,642	2,018,110	506,521	14,518	21,429	0	1,064
College of Charleston (North Charleston)	13,640	13,640	0	0	0	0	0
Francis Marion	975,472	62,977	909,302	3,193	0	0	0
Lander	920,794	372,092	508,673	39,945	84	0	0
SC State	1,653,949	63,900	517,916	721,986	350,147	0	0
USC Aiken	818,674	797,632	21,042	0	0	0	0
USC Beaufort (Main)	87,041	30,965	18,156	37,920	0	0	0
USC Beaufort (South)	180,490	180,490	0	0	0	0	0
USC Upstate	755,411	273,742	417,317	64,352	0	0	0
Winthrop	1,996,368	438,909	1,309,167	241,557	6,735	0	0
<i>Teaching</i>	12,923,720	5,201,645	5,869,351	1,428,859	422,801	0	1,064
USC Lancaster	241,730	66,532	32,456	142,742	0	0	0
USC Salkehatchie (Allendale)	121,762	0	58,768	42,635	20,359	0	0
USC Salkehatchie (Walterboro)	77,210	45,606	24,929	0	6,675	0	0
USC Sumter	226,714	0	139,396	87,318	0	0	0
USC Union (Main)	60,948	11,654	48,044	0	1,250	0	0
USC Union (Laurens)	49,000	0	49,000	0	0	0	0
<i>USC Branches</i>	777,364	123,792	352,593	272,695	28,284	0	0
Aiken TC	312,602	109,147	0	62,506	78,451	0	62,498
Central Carolina TC (Main)	218,715	109,781	104,934	4,000	0	0	0
Central Carolina TC (Shaw)	7,755	7,755	0	0	0	0	0
Central Carolina TC (Lee)	6,000	6,000	0	0	0	0	0
Denmark TC (Main)	262,367	15,809	209,094	30,193	7,271	0	0
Denmark TC (Barnwell)	20,110	0	20,110	0	0	0	0
Florence-Darlington TC (Main)	318,327	7,000	98,272	210,475	2,580	0	0
Florence-Darlington TC (Hartsville)	9,360	0	0	9,360	0	0	0
Florence-Darlington TC (Lake City)	9,800	9,800	0	0	0	0	0
Florence-Darlington TC (Cosmetology)	11,616	11,616	0	0	0	0	0
Florence-Darlington TC (Mullins)	4,700	4,700	0	0	0	0	0
Greenville TC (Main)	883,678	671,703	211,975	0	0	0	0
Greenville TC (Greer)	97,082	97,082	0	0	0	0	0
Greenville TC (Simpsonville)	88,614	88,614	0	0	0	0	0
Greenville TC (Donaldson)	23,182	23,182	0	0	0	0	0
Greenville TC (Cont. Ed)	102,416	102,416	0	0	0	0	0
Greenville TC (RACE)	91,000	0	0	0	0	0	91,000
Horry-Georgetown TC (Main)	289,857	90,000	123,309	76,548	0	0	0
Horry-Georgetown TC (Georgetown)	44,447	0	44,447	0	0	0	0
Horry-Georgetown TC (Grand Strand)	139,851	19,755	14,122	105,974	0	0	0
Midlands TC (Airport)	363,023	360,128	2,895	0	0	0	0

TABLE 21—CONDITION OF BUILDINGS

Institution	Total Gross ASF	Satisfactory ASF	Remodeling A GSF	Remodeling B GSF	Remodeling C GSF	Demolition/ Termination	Null Values
Midlands TC (Beltline)	344,086	167,073	85,176	91,837	0	0	0
Midlands TC (Harbison)	34,646	26,271	8,375	0	0	0	0
Midlands TC (Northeast)	50,428	50,428	0	0	0	0	0
Northeastern TC (Main)	137,226	135,486	0	0	1,740	0	0
Northeastern TC (Bennettsville)	5,089	5,089	0	0	0	0	0
Northeastern TC (Dillon)	5,089	5,089	0	0	0	0	0
Northeastern TC (Pageland)	5,089	5,089	0	0	0	0	0
Orangeburg-Calhoun TC	219,262	173,464	45,798	0	0	0	0
Piedmont TC (Main)	404,979	77,861	300,552	26,566	0	0	0
Piedmont TC (Abbeville)	3,590	0	3,590	0	0	0	0
Piedmont TC (Edgefield)	19,000	19,000	0	0	0	0	0
Piedmont TC (Laurens)	40,900	40,900	0	0	0	0	0
Piedmont TC (McCormick)	2,248	0	2,248	0	0	0	0
Piedmont TC (Newberry)	19,156	0	19,156	0	0	0	0
Piedmont TC (Saluda)	4,552	0	4,552	0	0	0	0
Spartanburg CC	470,986	353,901	117,085	0	0	0	0
TC of the Lowcountry (Main)	212,854	38,750	116,980	37,878	19,246	0	0
TC of the Lowcountry (Mungin)	15,800	0	15,800	0	0	0	0
TC of the Lowcountry (New River)	33,000	33,000	0	0	0	0	0
Tri-County TC	386,210	91,218	257,461	37,531	0	0	0
Trident TC (Berkeley)	85,227	6,086	79,141	0	0	0	0
Trident TC (Main)	722,507	699,026	23,481	0	0	0	0
Trident TC (Palmer)	71,439	71,439	0	0	0	0	0
Williamsburg TC	104,386	103,651	735	0	0	0	0
York TC	402,636	391,778	10,858	0	0	0	0
<i>Technical</i>	7,104,887	4,229,087	1,920,146	692,868	109,288	0	153,498
ALL INSTITUTIONS	35,989,518	18,495,022	16,359,207	8,232,652	1,157,189	0	745,448

TABLE 22
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 or the total replacement of some buildings.

Table 22 estimates the cost 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 other reasons. 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.

The cost midpoints used in generating the estimates for Table 22 are as follows:

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

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 (1,000,000 x 20%)

**TABLE 22—ESTIMATED COST TO RENOVATE OR REPLACE
UNSATISFACTORY FACILITIES**

<u>Institution</u>	<u>Original Building Cost</u>	<u>Estimated Replacement Cost</u>	<u>Estimated Cost of Restoring Facilities to Satisfactory Condition</u>
Clemson	\$159,697,173	\$381,824,658	\$194,156,274
USC Columbia & SOM	\$346,530,324	\$135,319,289	\$8,401,746
MUSC	\$221,828,215	\$58,976,685	\$189,542,884
Research	\$728,055,712	\$576,120,632	\$392,100,904
Citadel	\$43,863,793	\$602,641,732	\$40,088,441
Coastal Carolina	\$62,715,845	\$159,539,614	\$21,518,175
College of Charleston	\$89,109,733	\$130,612,689	\$15,507,775
Francis Marion	\$32,348,041	\$223,203,141	\$23,686,498
Lander	\$43,457,912	\$125,717,391	\$16,730,660
SC State	\$39,313,882	\$98,336,981	\$49,919,479
USC Aiken	\$53,111,782	\$127,230,377	\$8,011,791
USC Beaufort	\$6,612,976	\$106,319,197	\$2,996,468
USC Upstate	\$34,740,557	\$12,309,952	\$18,603,199
Winthrop	\$29,840,439	\$86,322,904	\$52,429,709
Teaching	\$435,114,960	\$1,672,233,978	\$249,492,195
USC Lancaster	\$21,917,317	\$222,865,358	\$12,831,553
USC Salkehatchie	\$7,566,089	\$43,784,001	\$5,329,840
USC Sumter	\$11,554,506	\$15,773,575	\$9,553,916
USC Union	\$3,875,036	\$34,612,534	\$1,681,692
USC Branches	\$44,912,948	\$317,035,468	\$29,397,000
Aiken TC	\$15,977,752	\$6,591,910	\$12,753,096
Central Carolina TC	\$11,707,594	\$33,915,484	\$6,245,955
Denmark TC	\$5,579,519	\$36,400,153	\$5,677,369
Florence-Darlington TC	\$11,247,364	\$20,814,870	\$14,850,296
Greenville TC	\$50,139,313	\$68,581,442	\$10,636,340
Horry-Georgetown TC	\$32,196,753	\$134,038,983	\$14,713,981
Midlands TC	\$49,573,856	\$64,870,610	\$7,854,475
Northeastern TC	\$10,221,025	\$94,516,280	\$2,572,556
Orangeburg-Calhoun TC	\$14,974,444	\$19,138,692	\$1,967,144
Piedmont TC	\$15,247,000	\$28,427,685	\$9,686,490
Spartanburg CC	\$26,986,005	\$52,127,998	\$2,571,133
TC of the Lowcountry	\$9,427,825	\$61,280,563	\$4,251,679
Tri-County TC	\$24,843,000	\$22,760,430	\$9,128,506
Trident TC	\$46,163,297	\$46,180,113	\$21,185,908
Williamsburg TC	\$6,026,396	\$108,021,891	\$9,565
York TC	\$23,007,299	\$9,952,443	\$241,998
Technical	\$353,318,442	\$807,619,547	\$124,346,491
ALL INSTITUTIONS	\$1,561,402,062	\$3,373,009,625	\$795,336,590

TABLE 23

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

Section 504 of the Rehabilitation Act of 1973 states 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 1990 Americans with Disabilities Act (ADA) reinforced the earlier legislation and provided a comprehensive set of regulations and definitions for addressing the needs of persons with disabilities.

One group protected by the legislation includes those persons confined to wheelchairs or persons whose mobility is otherwise impaired. Continued participation in federal financial assistance and other federal programs requires compliance with ADA regulations and definitions. Although neither piece of legislation requires that all of an institution’s facilities be barrier-free, they do require that an institution’s programs be accessible to the mobility impaired. The amount of assignable area that is accessible to the mobility impaired is a factor that must be carefully considered in making programs accessible.

A building’s site must also be accessible. That is, in addition to access from a point immediately outside the building, there should be no barriers to the approach. For example, there should be curb breaks, ramps, etc. which would allow a mobility-impaired person to enter a building and its internal space without assistance.

Since the passage of the ADA, colleges and universities have made great strides in providing more accessible facilities. The ADA has heightened awareness of students and teachers with disabilities and helped reshape thinking about facilities. An article by Mike Kennedy in the December 2000 issue of American School and University (ASU 11), reports that advocates for people with disabilities say, generally, colleges and universities have addressed accessibility needs better than K-12 schools. The same article quotes Carol DeSouza, executive director of the Association on Higher Education and Disability, as stating there are “few examples where universities have not figured out accessibility” (ASU 18). Like many regulations imposed by the federal government, however, the ADA has not provided any federal funding to help colleges and universities pay for the changes the law required. Although the ADA is over 30 years old, some colleges and universities are still struggling to meet the needs of people with disabilities.

The amount of assignable area that is accessible to the mobility impaired varies among the institutions. However, S.C. institutions have made strides in improving accessibility in recent years.

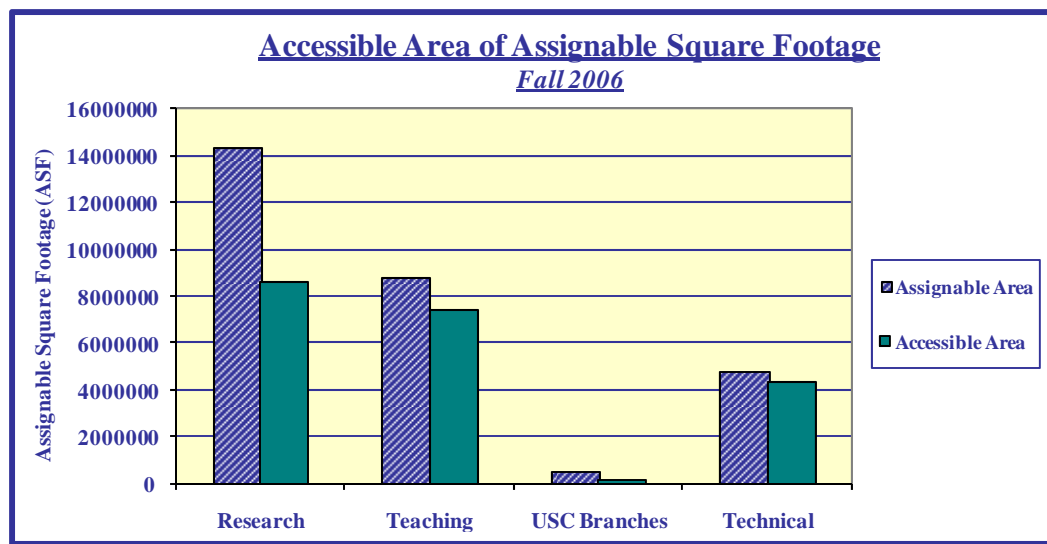


TABLE 23—ACCESSIBLE AREA AS PERCENT OF ASSIGNABLE

Institution	Assignable Area (Total) ASF	Accessible Area (Total) ASF	Percent Accessible
Clemson	4,106,749	3,773,268	91.88%
USC Columbia	7,369,153	2,182,618	29.62%
USC SOM	203,015	130,276	64.17%
MUSC	2,866,777	2,599,839	90.69%
<i>Research</i>	14,545,694	8,686,001	59.72%
Citadel	1,098,673	993,447	90.42%
Coastal Carolina	823,902	814,958	98.91%
College of Charleston (Main)	1,777,971	1,559,202	87.70%
College of Charleston (North Charleston)	12,864	12,864	100.00%
Francis Marion	629,926	561,328	89.11%
Lander	603,831	456,066	75.53%
SC State	1,286,520	1,284,940	99.88%
USC Aiken	570,266	415,192	72.81%
USC Beaufort (Main)	54,681	30,192	55.21%
USC Beaufort (South)	112,154	25,234	22.50%
USC Upstate	533,973	530,402	99.33%
Winthrop	1,290,693	729,601	56.53%
<i>Teaching</i>	8,795,454	7,413,426	84.29%
USC Lancaster	158,605	52,038	32.81%
USC Salkehatchie (Allendale)	98,592	12,319	12.49%
USC Salkehatchie (Walterboro)	62,953	33,200	52.74%
USC Sumter	130,919	81,785	62.47%
USC Union (Main)	41,562	15,424	37.11%
USC Union (Laurens)	2,365	0	0.00%
<i>USC Branches</i>	494,996	194,766	39.35%
Aiken TC (Main)	236,620	192,923	81.53%
Central Carolina TC (Main)	165,518	165,518	100.00%
Central Carolina TC (Shaw)	5,353	5,353	100.00%
Central Carolina TC (Lee)	3,216	3,216	100.00%
Denmark TC (Main)	179,584	169,024	94.12%
Denmark TC (Barnwell)	3,185	3,185	100.00%
Florence-Darlington TC (Main)	215,442	202,975	94.21%
Florence-Darlington TC (Hartsville)	6,405	6,405	100.00%
Florence-Darlington TC (Lake City)	5,953	4,822	81.00%
Florence-Darlington TC (Cosmetology)	9,445	9,445	100.00%
Florence-Darlington TC (Mullins)	2,674	0	0.00%
Greenville TC (Main)	474,415	474,415	100.00%
Greenville TC (Greer)	59,490	59,490	100.00%
Greenville TC (Simpsonville)	57,584	57,584	100.00%
Greenville TC (Donaldson)	21,261	21,261	100.00%
Greenville TC (Cont. Ed)	25,050	25,050	100.00%

TABLE 23—ACCESSIBLE AREA AS PERCENT OF ASSIGNABLE

Institution	Assignable Area (Total) ASF	Accessible Area (Total) ASF	Percent Accessible
Greenville TC (RACE)	84,529	84,529	100.00%
Horry-Georgetown TC (Main)	223,124	196,120	87.90%
Horry-Georgetown TC (Georgetown)	33,897	32,710	96.50%
Horry-Georgetown TC (Grand Strand)	98,113	88,685	90.39%
Midlands TC (Airport)	300,733	143,291	47.65%
Midlands TC (Beltline)	312,253	196,334	62.88%
Midlands TC (Harbison)	30,065	740	2.46%
Midlands TC (Northeast)	43,029	43,029	100.00%
Northeastern TC (Main)	103,282	102,924	99.65%
Northeastern TC (Bennettsville)	3,274	3,130	95.60%
Northeastern TC (Dillon)	3,274	2,842	86.81%
Northeastern TC (Pageland)	3,277	3,277	100.00%
Orangeburg-Calhoun TC (Main)	175,299	175,299	100.00%
Piedmont TC (Main)	252,005	252,005	100.00%
Piedmont TC (Abbeville)	3,181	3,181	100.00%
Piedmont TC (Edgefield)	12,681	12,681	100.00%
Piedmont TC (Laurens)	22,900	22,900	100.00%
Piedmont TC (McCormick)	1,913	1,913	100.00%
Piedmont TC (Newberry)	18,976	18,976	100.00%
Piedmont TC (Saluda)	3,456	3,456	100.00%
Spartanburg CC	340,788	332,508	97.57%
TC of the Lowcountry (Main)	166,844	154,432	92.56%
TC of the Lowcountry (Mungin)	15,012	14,896	99.23%
TC of the Lowcountry (New River)	19,171	19,171	100.00%
Tri-County TC	229,487	229,081	99.82%
Trident TC (Berkeley)	65,290	65,290	100.00%
Trident TC (Main)	391,036	391,036	100.00%
Trident TC (Palmer)	46,856	46,856	100.00%
Williamsburg TC	73,941	71,727	97.01%
York TC	283,301	256,637	90.59%
<i>Technical</i>	4,832,182	4,370,322	90.44%
ALL INSTITUTIONS	28,668,326	20,664,515	72.08%

SECTION IV

APPENDICES



Checkerboard
The Citadel

Appendix A—SC Public Institutions Information
Appendix B—Bibliography

SOUTH CAROLINA PUBLIC INSTITUTIONS OF HIGHER EDUCATION

Research Universities

Clemson University

Mr. James F. Barker
Clemson, South Carolina 29634
Phone: 864-656-3413

University of South Carolina

Dr. Andrew A. Sorensen, System President
Columbia, South Carolina 29208
Phone: 803-777-7000

Medical University of South Carolina

Dr. Raymond Greenberg
179 Ashley Avenue, Colcock Hall
PO Box 250001
Charleston, South Carolina 29425
Phone: 843-792-2211

Comprehensive Four-Year Colleges & Universities

The Citadel

Lt. General John W. Rosa
Charleston, South Carolina 29409
Phone: 843-953-5012

Coastal Carolina University

Dr. David A. DeCenzo
Conway, South Carolina 29528-6054
Phone: 843-349-2005

College of Charleston

Dr. P. George Benson
Charleston, South Carolina 29424
Phone: 843-953-5500

Francis Marion University

Dr. Luther F. Carter
Florence, South Carolina 29501-0547
Phone: 843-661-1210

Lander University

Dr. Daniel W. Ball
Greenwood, South Carolina 29649-2099
Phone: 1-888-452-6337

South Carolina State University

Dr. Andrew Hugine
Orangeburg, South Carolina 29117
Phone: 803-536-7000

University of South Carolina Aiken

Dr. Thomas L. Hallman, Chancellor
Aiken, South Carolina 29801
Phone: 803-648-6851

University of South Carolina Beaufort

Dr. Jane Upshaw, Chancellor
Bluffton, South Carolina 29909
Phone: 843-208-8242

University of South Carolina Upstate

Dr. John C. Stockwell, Chancellor
Spartanburg, South Carolina 29303
Phone: 864-503-5000

Winthrop University

Dr. Anthony J. DiGiorgio
Rock Hill, South Carolina 29733
Phone: 803-323-2211

USC Two-Year Branches

University of South Carolina Lancaster

Dr. John Catalano, Dean
Lancaster, South Carolina 29728
Phone: 803-313-7001

University of South Carolina Salkehatchie

Dr. Ann Carmichael, Dean
Allendale, South Carolina 29810
Phone: 803-584-3446

University of South Carolina Sumter

Dr. Leslie Carpenter, Dean
Sumter, South Carolina 29150-2498
Phone: 803-775-8727

University of South Carolina Union

Dr. Hugh C. Rowland, Dean
Union, South Carolina 29379
Phone: 864-429-8728

Technical Colleges

State Board for Technical & Comprehensive Education

Dr. Barry Russell, System Executive Director
111 Executive Center Drive
Columbia, South Carolina 29210
Phone: 803-896-5280

Aiken Technical College

Dr. Susan A. Winsor, President
Aiken-Augusta Highway 1
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Phone: 803-593-9231

Central Carolina Technical College

Dr. Tim Hardee
506 North Guignard Drive
Sumter, South Carolina 29150-2499
Phone: 803-778-1961

Denmark Technical College

Dr. John Waddell
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Denmark, South Carolina 29042-0327
Phone: 803-793-5100

Florence-Darlington Technical College

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Greenville Technical College

Dr. Thomas E. Barton, Jr.
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Horry-Georgetown Technical College

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Midlands Technical College

Dr. Marshall "Sonny" White, Jr.
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Northeastern Technical College

Dr. James C. Williamson
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Phone: 843-921-6900

Orangeburg-Calhoun Technical College

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3250 St. Matthews Rd. (Highway 601)
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Piedmont Technical College

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Greenwood, South Carolina 29648-1467
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Spartanburg Community College

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Technical College of the Lowcountry

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Tri-County Technical College

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Trident Technical College

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Williamsburg Technical College

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York Technical College

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