2007 Campus Facilities Inventory (CFI) Report

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Society for College and University Planning
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Ann Arbor, MI 48104
www.scup.org

A SCUP GREEN PUBLICATION

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2007 CFI Report

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2007 Executive Summary

Overview

In 2007, 284 institutions were included in the analysis of data from the Campus Facilities Survey (CFI) of the Society for College and University Planning (SCUP). This was the fifth and final year that general space use data was collected. While SCUP has attempted to use the CFI as a means of collecting information to provide a sense of the size and growth patterns of college and university facilities, it has been unable to generate sufficient participation rates to make the data useful over the long term.

Unfortunately, this continues to leave gaps in space information that have existed since 1974, the last time the federal government collected such data. While some states, such as Texas, make the space use data of its higher education institutions available to all, they are the exception, rather than the rule.

In 1974, there were 3,038 public and private colleges and universities in the United States. In the 2006 edition of its Almanac, *The Chronicle of Higher Education* reported that there were 4,276 US colleges and universities[1]. The net assignable square feet (NASF) on campuses today is unknown, but estimated at over 6.0 billion and growing. This represents a nearly five-fold increase from the 1.3 billion NASF reported after the last federal survey.

Enrollment has continued to increase at a rapid rate. The projected enrollment for 2007 in postsecondary education is nearly 18,000,000[2], compared to 11,700,000 in 1979. Both figures are from the *Digest of Education Statistics: 2006 Table 3*, published by the National Center for Education Statistics (NCES). Enrollment is projected to continue to climb for the foreseeable future.

Survey Description

The SCUP Campus Facilities Inventory is an annual survey comprised of a common space data set developed using standardized space classifications from the NCES *Facilities Inventory and Classification Manual* (*FICM*)[3]. *FICM* is generally accepted as the standard resource for facility description purposes, as most institutions of higher learning have adopted it as the basis for their basic space inventories. The CFI asked institutions to report on the quantities of space in each room use category, such as classrooms, instructional laboratories, and residential, on their campuses at the time they submit survey data.

1. http://chronicle.com/weekly/almanac/2007/nation/nation.htm
2. http://nces.ed.gov/programs/digest/d06/tables/dt06_003.asp?referrer=report
3. The FICM used for this survey was published in August of 2006.

The *FICM* Room Use categories covered in the 2006 SCUP CFI Report are:

100 Classrooms
200 Laboratories
300 Offices
400 Study
500 Special Use
Including Athletic, Media Production, Clinics, Animal Quarters, and Greenhouses
600 General Use
Including Assembly/Meeting, Exhibition, Food Service, Day Care, Lounges, Merchandising, Recreation
700 Support Facilities
800 Health Care
900 Residential
000 Inactive or Alteration Areas

Institutions that participate in the CFI receive an Excel file containing space data matched with institutional characteristics found in data submitted to the Integrated Postsecondary Education Data System (IPEDS). Only participating institutions may receive space data. For purposes of the CFI survey, space data was considered valid for two years. Hence, the aggregate information presented in this report represents data submitted in both 2006 and 2007. Nonparticipating institutions, corporations, and individuals may purchase a copy of this summary report, but do not have access to data on individual institutions.

Highlights

There were 284 participating institutions in the 2007 SCUP Campus Facilities Inventory, with 276 of them providing sufficiently robust data that it could be used for analysis. Some of the results of the survey, based on this sample, are highlighted below.

- A total of 677,633,100 NASF (net assignable square feet) was surveyed in the 2007 CFI. This is a modest increase from the past two survey years of 2005, with 651,759,397 NASF surveyed, and 2006 with 661,885,732 NASF surveyed.
- The number of participants in the CFI varied by 16 institutions among these years with 289 participants in 2005 and 273 in 2006. Of the 2006 participants, 79 were included in the 2007 analysis, but did not update their space profiles.
- All five of the major Carnegie Foundation[4] classifications are represented in the data. The largest number of respondents was in the Doctoral/Research University category (105).
- Institutions with between 10,000 and 24,999 headcount enrollment were represented in the greatest number (87).
- There were no changes in the number of Public 4-Year and above participants between 2006 and 2007 (186).
- Private 4-Year and above institutions were represented by three more institutions in 2007 (48) than in 2006 (45).
- There was also a slight increase in the number of Public 2-Year participants from 41 in 2006 to 43 in 2007.
- Participants from 4-Year and above institutions reported keeping about three times as many NASF per student in inactive space (Public 5.3NASF/student; Private 5 NASF/student) as 2-Year and above institutions (1.6 NASF/student). This finding was similar in 2006.
- The distribution pattern of mean NASF per student across space types remained relatively unchanged from past surveys. Private 4-Year institutions generally provide more NASF per student in all space types than Public 4-Year respondents. However, there were marginal increases of approximately two NASF per student in Classrooms (100) and Labs/Studio (200) in Public 4-year respondents, bringing them closer to the space per student found in private institutions.
- Both Public and Private 4-Year institutions reported decreases in NASF/student in Office (300), 2-Year Office space was essentially unchanged from 2006 (10.6) at 10.5 NASF/student in 2007.

4. See Appendix 3 for definitions of the Carnegie classifications.

Data Collection Method

Data for the 2007 SCUP CFI survey was again collected using the web-based survey shown in Figures 1 and 2. This method has proved robust as one person per campus was designated as the editor/respondent for the campus. Only that person could enter and/or update web submittals, which ensured a consistent point of contact and reference. As many other people on a campus as wished to could have view-only status. The editor/respondent was also the sole recipient on a campus of the Excel data set issued to all participating institutions. The data set can only be shared with other staff from the same institution for analysis purposes. As personnel changes on a campus, updates and changes to the editor/respondent designation were made during the 2007 CFI data collection period.

The first screen in the survey (Figure 1) provided demographic data entry for the participating institution. For institutions that have participated before, the demographic and past data entries pre-populated the form. Each participating institution's unique six-digit IPEDS[5] identification number was included in the survey, which allowed IPEDS data to be linked with CFI data within the Excel data set for easier analysis by participants. Including IPEDS data and identifiers provided participating institutions with equivalent information and ensured consistency of data across campuses. International campuses supplied demographic information in the same categories and using the same data definitions as that included in IPEDS data for US institutions.

IPEDS is the consistent and comparable set of data available for institutions in the US in such areas as the institutional characteristics of enrollment, governance, and faculty and staff numbers. Appendix 1 lists the definitions of the data extracted from IPEDS and associated with institutions that participated in the CFI. The most recent data available through the IPEDS was used. For a more complete description of the range of information collected by NCES as part of IPEDS, see **www.nces.ed.gov/ipeds**.

In addition to single campus data entry, state system administrators were able to provide data for each campus in their system via a special menu option. This option permitted the selection of the unique IPEDS identifier associated with a single physical campus. State administrators could share data with other administrators in the system, while remaining the sole respondent/editor for the data. Thus, an entire state could easily benefit from providing CFI data.

5. The National Center for Education Statistics (NCES) collects institutional data through the Integrated Postsecondary Education Data System (IPEDS)

The second data entry screen (Figure 2) represented the actual survey of on-campus facilities. Respondents indicated the net assignable square feet (NASF) for various room uses. The definitions provided to participants for the room categories, as well as those for Educational and General and Auxiliary space, were included with the survey forms and are listed in Appendix 2. In each room-use classifications, participants were requested to separate the NASF use for Educational and General purposes from that used for Auxiliary purposes[6]. Again, for past participants, the survey screen was pre-populated so data could be simply updated or verified as still accurate by the institution.

In August 2006, NCES published an updated edition of the *Postsecondary Education Facilities Inventory and Classification Manual (FICM)*. This edition, which did not change any of the coded space-use categories, was used to generate definitions and data on the 2007 CFI survey.

The Carnegie Foundation for the Advancement of Teaching has developed a widely used typology for categorizing colleges and universities by level of degree(s) granted and research activity. The foundation released an additional, alternative method for categorizing the undergraduate focus of postsecondary institutions in 2006 (see, **www.carnegiefoundation.org**). For the purposes of CFI reporting and analysis, the familiar and frequently used Carnegie classification system was employed to identify these characteristics of participating institutions (Table 1). The definitions of these categories are provided in Appendix 3.

6. Definitions for Educational and General and Auxiliary space uses were consistent with the NCES Postsecondary Education Facilities Inventory and Classification Manual (FICM). A link to the manual was included on the CFI web pages and the definition of each space use-code was available by 'rolling over' its name on the web survey. Educational and General space is used to support instruction, research, public service, academic support, student services, institutional support, and operation and maintenance of the physical plant. Auxiliary space is used to furnish goods or services to students, faculty, staff, or the community for which a fee is charged and is an enterprise that is managed as a self-supporting activity.

Table 1 Carnegie Classification of Responding Institutions

Carnegie Classification	Number of Institutions
Doctoral/Research Universities	105
Master's Colleges and Universities	84
Baccalaureate Colleges	39
Associate's Colleges	40
Specialized Institutions	11
Unknown	5
Total Institutions Analyzed	284

The 2007 CFI is based on data submitted from 284 institutions with 276 data sets being usable. In some cases there were insufficient or incomplete data. In other cases, questions of data accuracy could not be resolved. In both these instances, data were not included in the analyses presented in this report. However, if an institution participated in the CFI, even if it provided unusable data, the institution received a copy of the complete data set. SCUP will continue to work with interested institutions to ensure data accuracy and consistency. Institutions that participated in the 2007 CFI survey are listed in Appendix 4.

SCUP's Campus Facilities Inventory Survey (SCUP-CFI)

Please assist us by answering the following questions. Your response will help us to gather higher education space data. **Names of institutions participating in the survey, along with their data, are shared ONLY with other institutions that complete the survey for 2007.**

Important notes as you complete the survey:

1. Room Use codes are consistent with the NCES *Postsecondary Education Facilities Inventory and Classification Manual,* 1992. Definitions and examples are available throughout the survey.
2. All room use-categories include support space for that category.
3. Please use whole numbers - no fractions or decimals.

INSTITUTION IPEDS NUMBER AND NAME
You are about to submit data for the following institution:

IPEDS code: [?] 108108108

Institution: SCUP-Main

YOUR PERSONAL DEMOGRAPHICS
Before you answer our survey questions, please check **your** demographic information below and make any necessary changes. Please provide the date information for "date of space data" at the bottom of the your demographics.

Respondent: **Marc Johns** (Data access level: [?] editor)

Your Institution:	Society for College and University Planning
Job Title:	IT Mgr
Department:	EMedia
Address:	Ste 300
Address (continued):	Ste 300
City:	Ann Arbor
State \ Province:	MI
Zip \ Postal Code:	48104
Country:	United States
Phone:	(734) 998-6731
Fax:	(734) 998-6532
Email:	marc.johns@scup.org
URL of Primary Space Mgmt Website: [?]	www.scup.org/knowledge/cfi/
Date of Space Data: [?]	(i.e. 12/25/2006, FY2006-07, Fall 2006, or Winter 2006)

SURVEY

NASF Data [?]

	Room Use	**Include:** Room Use Code *or Equivalent*	**Exclude:** Room Use Code	**Educational and General NASF [?]**	**Auxiliary NASF [?]**	**Total NASF**
1	Classrooms [?]	100 (all)				
2a	Laboratories, Instructional, Class Laboratories [?]	210, 215				
2b	Laboratories, Instructional, Open Laboratories [?]	220, 225				
2c	Laboratories, Research [?]	250, 255				
3	Offices [?]	300 (all)				
4	Libraries & Study [?]	400 (all)				
5a	Athletic [?]	520, 523, 525				
5b	Special Use [?]	500	520, 523, 525			
6	General & Campus Use [?]	600 (all)				
7a	Support [?]	700	730, 735, 740, 745			
7b	Central Storage [?]	730, 735				
7c	Vehicular Storage [?]	740, 745				
8	Health Care [?]	800 (all)				
9a	Student Residential [?]	900				
9b	Non-student Residential (include above if not tracked separately) [?]	900				
10	Inactive or Alteration Areas (Exclude non-net areas such as circulation, mechanical closets, custodial closets, public restrooms, etc.) [?]	050, 060				

GSF Data [?]

Total Gross Square Feet:

Total Gross Square Feet E&G:

Total Gross Square Feet Auxillary:

Total Gross Square Feet Residential:

Total Gross Square Feet Athletic:

Comments:

Summary of the 2007 SCUP CFI Data

The data presented in this section are based on the 284 higher education institutions that participated in the 2007 SCUP CFI survey (See Appendix 4). Since institutions need only enter data every other year, this data includes information from 79 of the institutions that participated in the 2006 survey. The remaining 205 respondents submitted data in 2007. All of these institutions are in the United States. Less than ten international institutions participated in the 2007 survey, and although they receive data for benchmarking, their information is not included in the aggregate analyses presented here.

Information from the Integrated Postsecondary Data System (IPEDS) that is collected and maintained by the National Center for Educational Statistics (NCES), was downloaded for each participating institution. The analyses presented in this report used the most recent data available from NCES[7]. IPEDS data was then used to create the classifications used in this report to identify institutions by their student and faculty headcounts, governance (private or public, all institutions were non-profit), and level (four-year-and-above and two-year).

Table 2 provides information on the SCUP members who took part in the 2007 CFI survey, how that subset of SCUP membership compares with the total set of SCUP members, and the breakdown of IPEDS-reporting institutions in each category.

Table 2 Number and Percentage Distribution of Colleges and Universities
Eight responding institutions were removed due to status as "unknown" or as having incomplete data.

Type of Institution	2007 SCUP Member Institutions	% SCUP Total	Members in 2007 CFI Survey	% 2007 Survey Total	IPEDS Institutions	IPEDS %of Total
Public 4-Year-and-Above	278	44%	187	68%	639	29%
Private 4-Year-and-Above	241	38%	47	17%	1954	2%
Public 2-Year	109	17%	41	15%	1153	4%
Private 2-Year	4	>1%	1	>1%	1035	>1%
Totals	632	100%	276	100%	4781	6%

Note: Count of IPEDS Institutions based on 2006 Institutional Characteristics

7. http://www.nces.ed.gov/ipeds/

As with past surveys, the public four-year-and-above campuses had the highest participation rate among SCUP members in each of the four institutional types. While comprising 44 percent of SCUP member institutions, they represented 68 percent of the survey respondents. All other participation rates were unchanged from 2006 across institutional categories. Respondents to the CFI survey do not represent the population of US higher education institutions included in IPEDS.

Table 3 shows the breakdown of 2007 CFI participants by headcount enrollment category. Schools with enrollments from 10,000 to 24,999 continue to constitute the largest number of participants.

Table 3 Number of SCUP CFI Participants by Enrollment and Sector

Headcount Enrollment	SCUP Participants by Sector				**2007 Total**	2006 Total
	Public 4-year or Above	Private 4-year or Above	Public 2-year	Private 2-year		
Fewer Than 2,500 Students	26	12	11	1	51	51
2,500–4,999 Students	14	11	12	0	38	39
5,000–9,999 Students	28	14	10	0	49	46
10,000–24,999 Students	70	11	6	0	90	88
25,000 or More Students	48	0	2	0	48	49
2007 Totals	**186**	**48**	**41**	**1**	**276**	
2006 Totals	186	45	41	0		273

There were 276 institutions that submitted useable data in 2007. An additional eight campuses, primarily international, entered data but were excluded from analyses for 2007.

The 276 colleges in the 2007 CFI reported having 677,633,100 net assignable square feet (NASF). As can be seen from Table 4 below, public four-year-and-above institutions represented the bulk of the NASF at 84 percent. This is expected as they represent nearly 68 percent of the total survey population.

Table 4 Total NASF by Enrollment and Sector for SCUP CFI Participants
Numbers are based on 276 participating institutions.

Headcount Enrollment	NASF by Sector			Total
	Public 4-year or Above	Private 4-year or Above	Public/Private 2-year	
Fewer Than 2,500 Students	14,922,135	8,326,205	1,592,331	24,840,671
2,500–4,999 Students	13,515,678	7,285,596	2,930,698	23,731,972
5,000–9,999 Students	32,139,014	23,862,439	2,206,708	58,208,161
10,000–24,999 Students	214,821,892	54,886,594	3,526,220	273,234,706
25,000 or more Students	295,590,055	0	2,027,535	297,617,590
Totals	570,988,774	94,360,834	12,283,492	677,633,100
Percent of Total	84%	14%	2%	100%

Note: Only one private 2-year institution replied to the 2007 survey. As in the past, in the interest of confidentiality, that institution's data has been aggregated throughout this report with public 2-year colleges.

Additionally, although the number of institutions with enrollments between 10,000 and 24,999 represented 31 percent of the respondents (Table 3), their space is 40 percent of the total reported NASF (Table 4). Campuses with the highest enrollments provide 44 percent of the NASF reported and comprised 18 percent of the participants.

It is important to note that the CFI represents a relatively small number of institutions across the spectrum of campuses, less than six percent of the total.

Table 5 below shows the respondents' mean NASF by the five enrollment categories. As expected, the mean amount of space per institution in the CFI survey increased as the enrollment size did.

Table 5 Mean NASF Per Institution by Enrollment and Sector for SCUP CFI Participants

Headcount Enrollment	Mean NASF by Sector			All Institutions
	Public 4-year or Above	Private 4-year or Above	Public/Private 2-year	
Fewer Than 2,500 Students	573,928	693,850	132,694	496,813
2,500–4,999 Students	1,093,977	662,327	209,336	608,512
5,000–9,999 Students	1,190,334	1,704,460	245,190	1,164,163
10,000–24,999 Students	3,113,361	4,989,690	587,703	3,177,194
25,000 or More Students	6,158,126	N/A	1,013,768	5,952,351
Mean NASF by Sector	**3,103,200**	**1,965,851**	**285,663**	**2,464,135**

Table 6 shows the mean NASF per student, by enrollment sector, for each of the nine space categories. Private four-year-and-above institutions continue to report the highest NASF mean per student in all but the support area (700).

Table 6 Mean NASF Per Student by Space Type and Sector

Room Use	Mean NASF / Student by Sector			
	Public 4-Year or Above	Private 4-year or Above	Public/Private 2-Year	All Institutions
100 Classrooms	13.2	19.1	9.8	13.6
200 Lab/Studio	35.1	37	14.3	32.1
300 Office	49.0	50.5	10.6	43.1
400 Study	12.4	20.6	3.8	12.4
500 Special/Athletic	24.8	32.8	4.8	23.0
600 General/Campus	19.1	29.9	6.9	19.0
700 Support	22.7	25.8	3.6	23.4
000 Inactive	5.3	5.0	1.6	4.6
Subtotal:	**181.6**	**220.7**	**55.4**	**171.2**
800 Health Care	12.6	1.4	0.0	8.7
900 Residential	43.3	94.3	8.5	44.2
Mean NASF Per Student by Sector	**237.5**	**316.4**	**63.9**	**224.1**

Table 7 (A and B) shows the average NASF per student by enrollment category. Table 7A shows space per student based on all respondents, and Table 7B excludes schools whose enrollment is predominantly in graduate and professional programs. Schools that are predominately graduate and professional affect the apparent NASF per student in public four-year-and-above institutions with less than 10,000 students. When these campuses are excluded from the analysis, the average NASF per student is significantly smaller.

Table 7A Total Campus NASF Per Student*
(All Respondents)

Headcount Enrollment	NASF per Student by Sector		
	Public 4-Year or Above	Private 4-year or Above	Public/Private 2-Year
Fewer Than 2,500 Students	298.9	251.2	76.6
2,500–4,999 Students	209.6	123.6	46.6
5,000–9,999 Students	145.9	161.2	31.2
10,000–24,999 Students	112.6	220.0	38.0
25,000 or More Students	121.7	0.0	30.4

*Excluding parking structures, health care facilities, residential space, and inactive space.

Please be cautious when using the data in Tables 7 and 8, as, in some cases, the number of CFI respondents is relatively small compared with the total number of similar institutions in the United States.

Table 7B Total Campus NASF Per Student*
(Excluding Schools with Predominantly Graduate and Professional Students)

Headcount Enrollment	NASF per Student by Sector		
	Public 4-Year or Above	Private 4-Year or Above	Public/Private 2-Year
Fewer Than 2,500 Students	141.2	251.2	76.6
2,500–4,999 Students	209.6	125.8	46.6
5,000–9,999 Students	140.4	161.2	31.2
10,000–24,999 Students	112.6	173.3	38.0
25,000 or More Students	121.7	N/A	30.4

* Excluding parking structures, health care facilities, residential space, and inactive space.

Space per faculty member in the enrollment categories are contained in Table 8 (A and B). These numbers are also shown with (8A) and without schools (8B) where students are predominately enrolled in graduate or professional programs. Unlike student space, the difference in NASF per faculty member is less dramatic when these schools are excluded, except in the case of Public 4-year institutions with fewer than 2,500 students and Private 4-year or above with between 10,000 and 24,999 students.

Table 8A Total Campus NASF Per FTE Faculty Member* (All Respondents)

Headcount Enrollment	NASF per Faculty Member by Sector		
	Public 4-Year or Above	Private 4-Year or Above	Public/Private 2-Year
Fewer Than 2,500 Students	2012.0	2843.1	1260.6
2,500–4,999 Students	2752.2	1766.8	1239.1
5,000–9,999 Students	1875.1	2114.2	1142.3
10,000–24,999 Students	2364.6	2466.0	1400.4
25,000 or More Students	2514.2	N/A	1886.2

Table 8B Total Campus NASF Per FTE Faculty Member*
(Excluding Schools with Predominantly Graduate and Professional Students)

Headcount Enrollment	NASF per Faculty Member by Sector		
	Public 4-Year or Above	Private 4-Year or Above	Public/Private 2-Year
Fewer Than 2,500 Students	967.5	2843.1	1260.6
2,500–4,999 Students	1213.3	1573.1	1239.1
5,000–9,999 Students	1726.7	2114.2	1142.3
10,000–24,999 Students	2364.6	1505.5	1400.4
25,000 or More Students	2514.2	N/A	1886.2

* Excluding parking structures, health care facilities, residential space, athletic space, and inactive space.

Table 9 looks at mean NASF for classrooms (Space Use Code 100) per student by enrollment size. The range of mean NASF per student is from 6.6 to 26.3. The 2007 means had considerably more variance than the range for 2006 participants (8 to 18). The mean of classroom NASF per student was lower at larger institutions, as has been the case in past surveys. Larger enrollment institutions are more complex and classrooms represent a smaller portion of their total NASF.

Smaller enrollment institutions, especially private colleges, increasingly are reported to be moving to flexible seating arrangements in classrooms; as such, they accommodate fewer students. Tables and chairs require more space per student than tablet chairs or theater seating in large auditoriums. Smaller enrollment can also result in different scheduling policies, as classes may not be held at certain times for programmatic reasons. This results in lower classroom utilization and an increased need for additional space, increasing the NASF per student for classroom space. Due to the atypical use of classrooms (e.g., clinical practice, problem-based learning, etc.) in graduate and professional institutions, that information has not been included in this analysis.

Table 9 Mean Classroom NASF Per Student
(Excluding Schools with Predominantly Graduate and Professional Students)

Headcount Enrollment	Mean Classroom NASF by Sector		
	Public 4-Year or Above	Private 4-year or Above	Public/Private 2-Year
Fewer Than 2,500 Students	17.7	26.3	12.4
2,500–4,999 Students	17	19	7.9
5,000–9,999 Students	10.1	13.6	6.6
10,000–24,999 Students	9.1	14.1	7.2
25,000 or More Students	7.8	-	8.9

The chart below is a graphic interpretation of classroom space per student. The five bars represent public and private four-year-and-above institutions with and without those institutions comprised predominantly of graduate and professional students, and two-year institutions.

Chart 1
Space Type 100 - Classrooms: NASF per Student

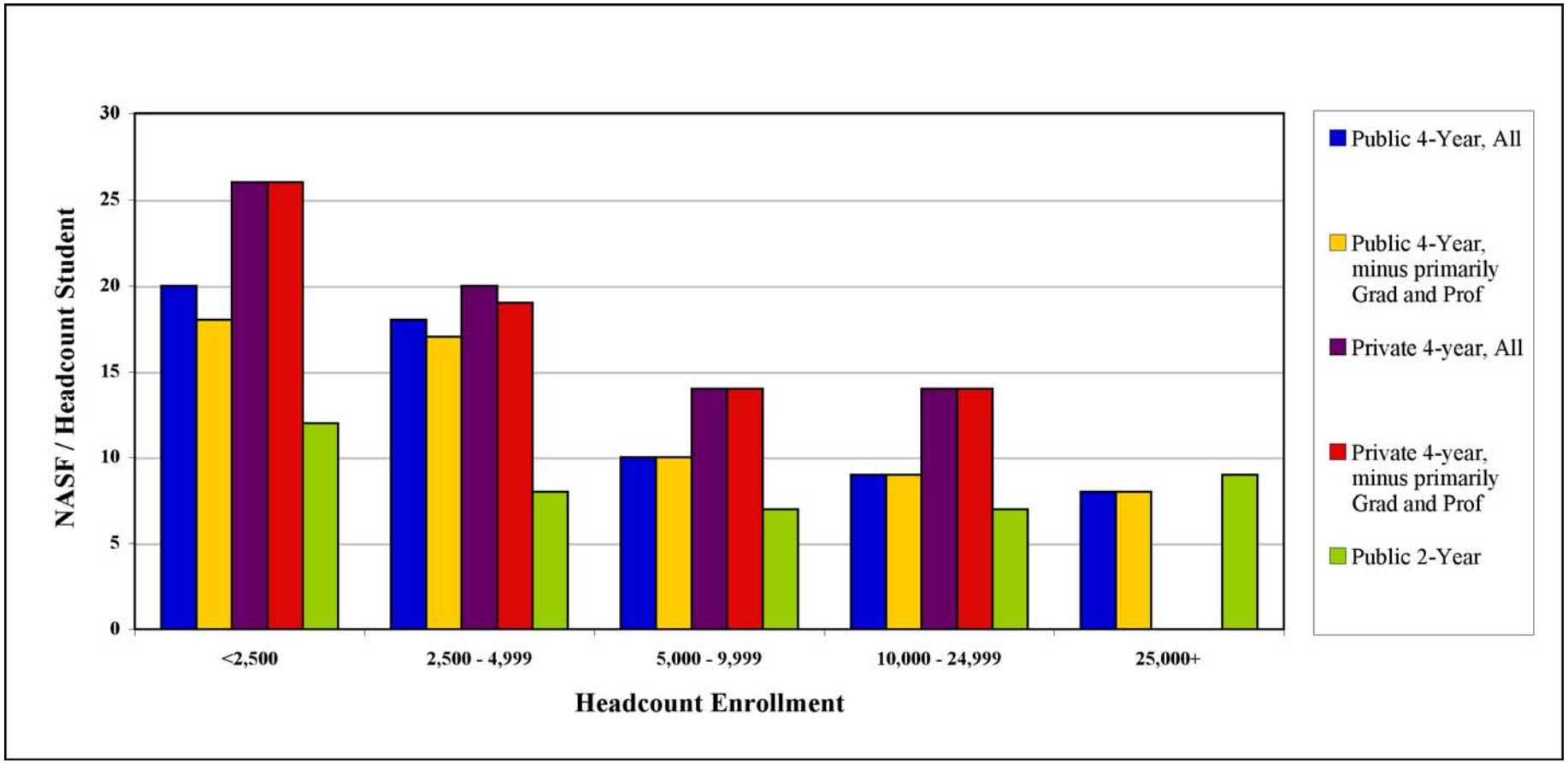


Chart 2 shows teaching lab and studio space per student. At the smallest institutions, those with fewer than 2,500 students, the NASF per student is greatest. There are few other discernable patterns among the participating campuses on this measure.

Chart 2
Space Type 210/220 - Instructional Labs and Studios: NASF per Student

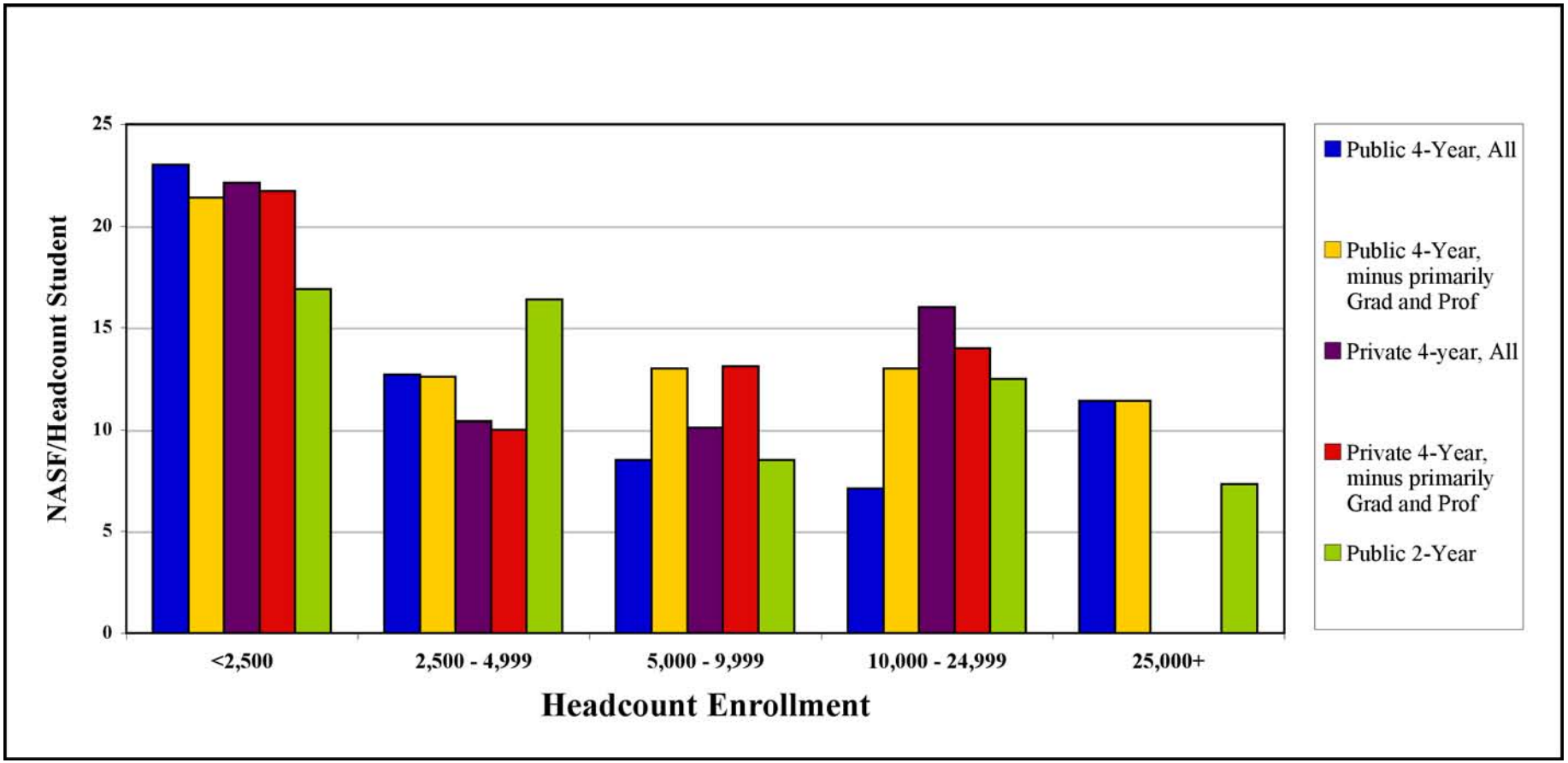
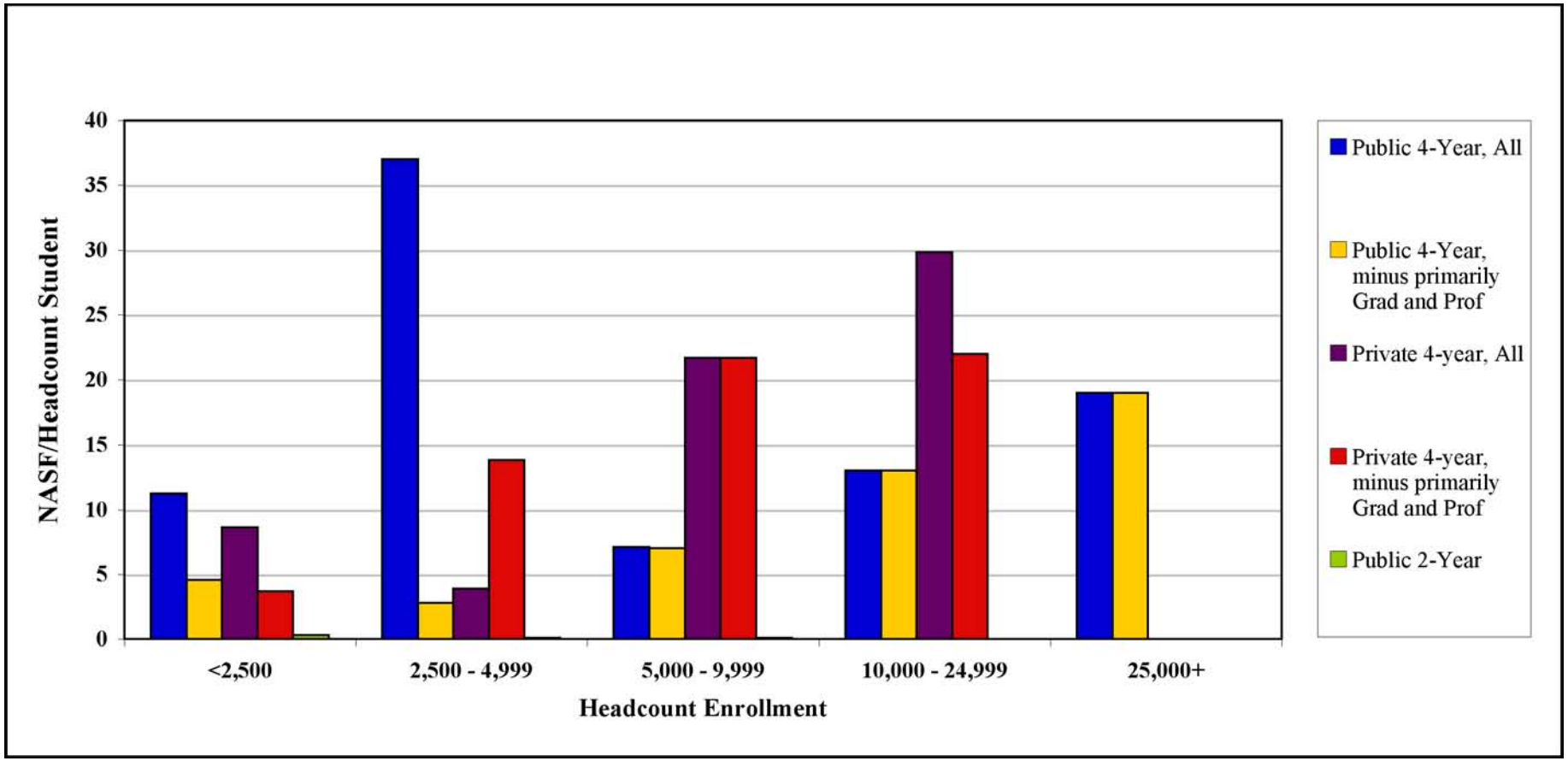


Chart 3 depicts the amount of research lab space per student. Research lab space as a mean NASF per student is highest at public four-year-and-above institutions with smaller enrollments (2,500-4,999). However, when schools with predominantly graduate and professional students are excluded, the NASF per

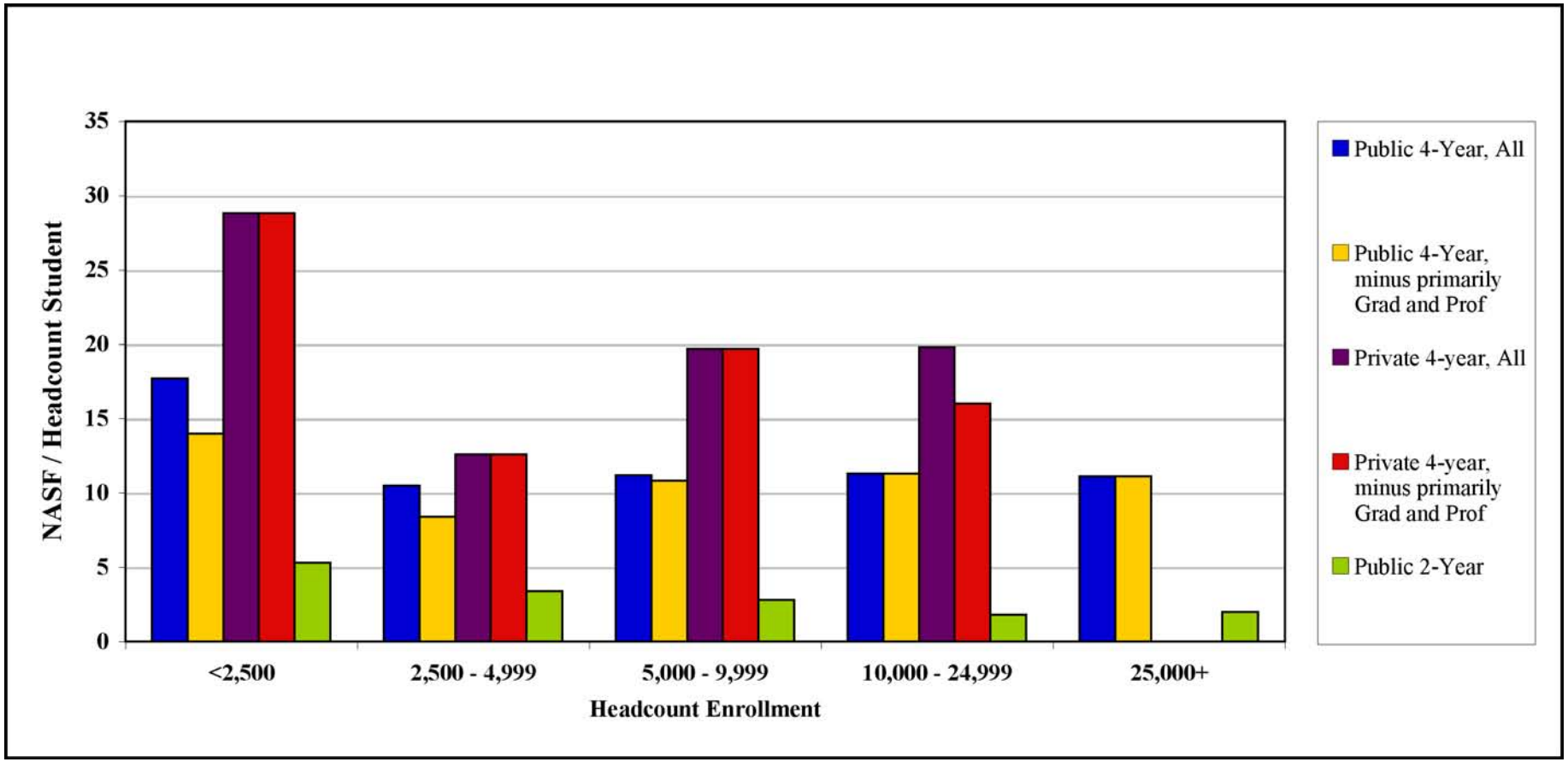
student falls into the range seen at higher enrollment levels for public schools. In general, private schools offer more research lab space per student than public institutions once this correction is made. As increased emphasis is placed on undergraduate research, a clear trend now, the NASF of research lab space per student will increase in importance. Likewise, as all schools increase their focus on bench research as a way to increased rankings, it may be that teaching lab space will double as research laboratories and begin to skew these categories.

Chart 3
Space Type 250 - Research Labs: NASF per Student



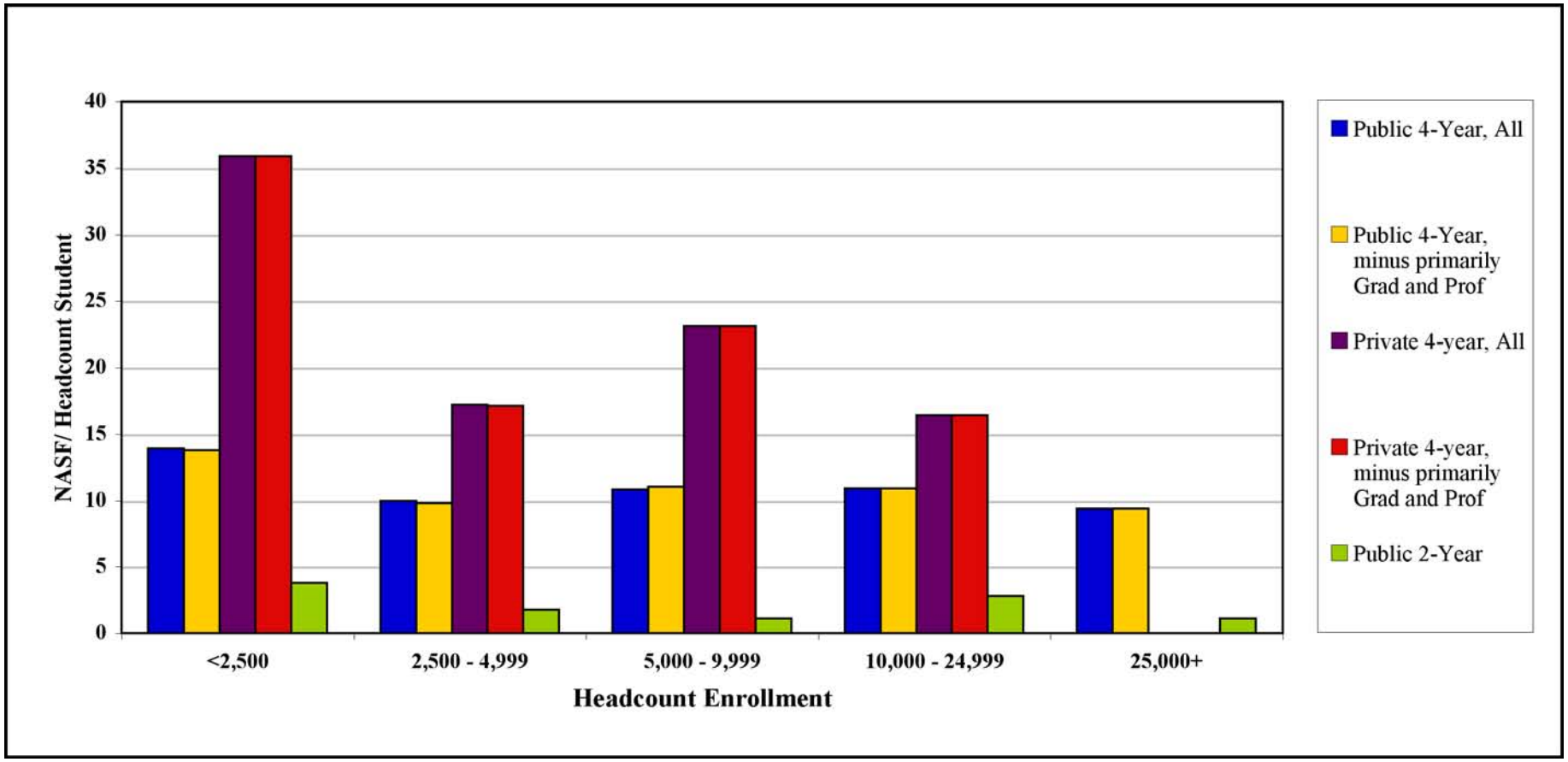
Study facilities, including library space, are shown in Chart 4. The distribution of NASF of study space per student has remained consistent across all CFI surveys. Private four-year-and-above institutions have the highest average NASF per student as in the past.

Chart 4
Space Type 400 - Study Facilities: NASF per Student



Athletic space is shown in Chart 5. Athletic facilities as average NASF per student is highest in private institutions at all enrollment levels.

Chart 5
Space Type 520 - Athletic Facilities: NASF per Student



Tables 10 through 19, presented in the next section of the report, sort the results of the 2007 SCUP CFI data according to governance structure (public or private), headcount enrollment, and the categories of space use requested from participants. Each table is displayed in two versions. The first includes all participants in the indicated sector. The second table excludes those participants, where they existed, with predominantly graduate or professional enrollments. The exception to this schema is for two-year colleges, where all enrollment sizes and governance forms are presented in Table 19. Each table includes the number of CFI participants represented in the data on that page.

The amount of space (NASF) associated with each of the 14 space-use categories is listed in each table. Space use types included and excluded in each category are noted in the tables. Mean NASF per student and per faculty member are displayed at the bottom of each table. These numbers exclude parking structures, residential space, and space that is either inactive or being altered (Space Use Codes 050 and 060). Athletic space is also excluded from the mean NASF per faculty member.

Table 10A

Public 4-Year +
All Respondents
< 2,500 Students
26 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		824,761	6.8	900	0.0	825,513	5.5		20
2a	Laboratories, Instructional (Class Laboratories)	210, 215		870,360	7.2	8,462	0.3	878,658	5.9		21
2b	Laboratories, Instructional (Open Laboratories)	220, 225		125,018	1.0	512	0.0	96,735	0.6		2
2c	Laboratories, Research	250, 255		1,332,429	11.1	0	0.0	1,332,429	8.9		32
3	Offices	300 (all)		3,369,885	28.0	115,117	3.7	3,483,201	23.4		84
4	Study	400 (all)		731,804	6.1	6,948	0.2	738,752	5.0		18
5a	Athletic	520, 523, 525		414,923	3.4	142,166	4.5	578,307	3.9		14
5b	Special Use	500	520, 523, 525	562,420	4.7	20,238	0.6	581,372	3.9		14
6	General and Campus Use	600 (all)		592,577	4.9	523,827	16.6	1,115,894	7.5		27
7a	Support	700	731, 735, 740, 745	387,788	3.2	242,671	7.7	392,218	2.6		9
7b	Central Storage	730, 735		342,451	2.8	23,494	0.7	330,570	2.2		8
7c	Vehicular Storage	740, 745		14,257	0.1	994,266	31.6	1,008,523	6.8		24
8	Health Care	800 (all)		1174540	9.8	21,219	0.7	1195759	8.0		29
9a	Student Residential	900		789,967	6.6	906,631	28.8	1,696,598	11.4		41
9b	Non-Student Residential	900		52,989	0.4	80815	2.6	133,804	0.9		3
10	Inactive / Alteration	050, 060	070	454,972	3.8	60,327	1.9	515,299	3.5		12
Total:				12,041,141		3,147,593		14,903,632			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**230**		**26**		**249**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,990**		**226**		**2,157**

Mean HC Students:	1,600
Mean FTE Faculty:	185

Table 10B

Public 4-Year +
Minus Predominantly Grad/Professional
< 2,500 Students
20 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		595,466	11.8	900	0.1	596,218	9.1		18
2a	Laboratories, Instructional (Class Laboratories)	210, 215		599,818	11.9	8,462	0.6	608,116	9.3		18
2b	Laboratories, Instructional (Open Laboratories)	220, 225		112,354	2.2	512	0.0	112,866	1.7		3
2c	Laboratories, Research	250, 255		154,462	3.1	0	0.0	154,462	2.4		5
3	Offices	300 (all)		1,112,145	22.1	86,708	5.7	1,197,052	18.4		36
4	Study	400 (all)		464,734	9.2	6,948	0.5	471,682	7.2		14
5a	Athletic	520, 523, 525		336,287	6.7	107,568	7.1	465,073	7.1		14
5b	Special Use	500	520, 523, 525	252,445	5.0	19,300	1.3	270,459	4.2		8
6	General and Campus Use	600 (all)		402,476	8.0	366,905	24.2	768,871	11.8		23
7a	Support	700	731, 735, 740, 745	158,621	3.2	6,863	0.5	161,674	2.5		5
7b	Central Storage	730, 735		167,652	3.3	21,263	1.4	148,431	2.3		4
7c	Vehicular Storage	740, 745		5,735	0.1	1,199	0.1	6,934	0.1		0
8	Health Care	800 (all)		29,936	0.6	1,107	0.1	31,043	0.5		1
9a	Student Residential	900		494,333	9.8	757,119	49.9	1,251,452	19.2		37
9b	Non-Student Residential	900		22,342	0.4	80,815	5.3	103,157	1.6		3
10	Inactive / Alteration	050, 060	070	116,859	2.3	52,440	3.5	169,229	2.6		5
Total:				5,025,665		1,518,109		6,516,719			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**129**		**19**		**147**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,322**		**333**		**2,641**

Mean HC Students:	1,683
Mean FTE Faculty:	94

Table 11A

Public 4-Year +
All Respondents
2,500–4,999 Students
14 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		745,659	8.8	36,403	0.8	786,108	6.1		19
2a	Laboratories, Instructional (Class Laboratories)	210, 215		426,673	5.0	9,652	0.2	434,625	3.4		10
2b	Laboratories, Instructional (Open Laboratories)	220, 225		92,325	1.1	4,349	0.1	90,675	0.7		2
2c	Laboratories, Research	250, 255		1,694,936	19.9	74,538	1.6	1,687,942	13.1		40
3	Offices	300 (all)		2,631,027	30.9	631,053	13.6	3,263,833	25.3		78
4	Study	400 (all)		438,237	5.2	6,703	0.1	444,940	3.4		11
5a	Athletic	520, 523, 525		281,286	3.3	118,631	2.6	399,917	3.1		10
5b	Special Use	500	520, 523, 525	197,872	2.3	7,917	0.2	207,820	1.6		5
6	General and Campus Use	600 (all)		521,946	6.1	463,871	10.0	986,193	7.6		24
7a	Support	700	731, 735, 740, 745	178,566	2.1	62,843	1.4	241,131	1.9		6
7b	Central Storage	730, 735		375,469	4.4	62,414	1.3	435,120	3.4		10
7c	Vehicular Storage	740, 745		11,836	0.1	765,885	16.5	777,721	6.0		19
8	Health Care	800 (all)		384,219	4.5	544,946	11.8	929,165	7.2		22
9a	Student Residential	900		389,601	4.6	1,705,097	36.8	1,956,819	15.1		47
9b	Non-Student Residential	900		97,859	1.2	140,244	3.0	238,103	1.8		6
10	Inactive / Alteration	050, 060	070	33,992	0.4	2,925	0.1	36,917	0.3		1
Total:				8,501,503		4,637,471		12,917,029			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**181**		**35**	**215**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,491**		**486**	**2,949**

Mean HC Students:	3,266
Mean FTE Faculty:	227

Table 11B

Public 4-Year +
Minus Predominantly Grad/Professional
2,500–4,999 Students
12 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		612,226	16.4	30,866	2.0	647,138	12.6		16
2a	Laboratories, Instructional (Class Laboratories)	210, 215		363,577	9.7	9,652	0.6	371,529	7.3		9
2b	Laboratories, Instructional (Open Laboratories)	220, 225		68,696	1.8	4,349	0.3	73,045	1.4		2
2c	Laboratories, Research	250, 255		108,959	2.9	0	0.0	108,959	2.1		3
3	Offices	300 (all)		832,215	22.2	61,666	4.1	895,634	17.5		23
4	Study	400 (all)		296,769	7.9	3,360	0.2	300,129	5.9		8
5a	Athletic	520, 523, 525		279,470	7.5	49,997	3.3	329,467	6.4		8
5b	Special Use	500	520, 523, 525	65,908	1.8	3,215	0.2	71,154	1.4		2
6	General and Campus Use	600 (all)		391,739	10.5	320,547	21.2	712,662	13.9		18
7a	Support	700	731, 735, 740, 745	83,921	2.2	6,004	0.4	89,647	1.8		2
7b	Central Storage	730, 735		115,512	3.1	14,911	1.0	127,660	2.5		3
7c	Vehicular Storage	740, 745		11,593	0.3	1,724	0.1	13,317	0.3		0
8	Health Care	800 (all)		513	0.0	891	0.1	1,404	0.0		0
9a	Student Residential	900		389,601	10.4	864,811	57.3	1,116,533	21.8		28
9b	Non-Student Residential	900		85,866	2.3	134,686	8.9	220,552	4.3		6
10	Inactive / Alteration	050, 060	070	33,992	0.9	2,925	0.2	36,917	0.7		1
Total:				3,740,557		1,509,604		5,115,747			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	81		13		94
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	1,912		300		2,213

Mean HC Students:	3,603
Mean FTE Faculty:	153

Table 12A

Public 4-Year +
All Respondents
5,000–9,999 Students
27 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		2,040,690	9.4	11,989	0.1	2,041,574	6.5		10
2a	Laboratories, Instructional (Class Laboratories)	210, 215		2,021,816	9.3	16,873	0.2	1,114,581	3.6		6
2b	Laboratories, Instructional (Open Laboratories)	220, 225		534,534	2.5	23,808	0.2	566,856	1.8		3
2c	Laboratories, Research	250, 255		1,378,577	6.3	24,864	0.3	1,402,553	4.5		7
3	Offices	300 (all)		5,463,870	25.2	188,611	2.0	5,638,489	18.1		29
4	Study	400 (all)		2,106,714	9.7	31,793	0.3	2,211,161	7.1		11
5a	Athletic	520, 523, 525		1,637,777	7.5	469,699	4.9	2,141,582	6.9		11
5b	Special Use	500	520, 523, 525	906,113	4.2	190,575	2.0	1,090,835	3.5		6
6	General and Campus Use	600 (all)		1,721,256	7.9	1,102,146	11.5	2,969,373	9.5		15
7a	Support	700	731, 735, 740, 745	838,794	3.9	119,865	1.3	971,774	3.1		5
7b	Central Storage	730, 735		447,854	2.1	60,818	0.6	513,251	1.6		3
7c	Vehicular Storage	740, 745		601,670	2.8	2,084,090	21.8	2,685,760	8.6		14
8	Health Care	800 (all)		102,674	0.5	6,595	0.1	112,870	0.4		1
9a	Student Residential	900		1,131,471	5.2	4,719,123	49.4	6,157,157	19.7		31
9b	Non-Student Residential	900		56,028	0.3	377,971	4.0	744,925	2.4		4
10	Inactive / Alteration	050, 060	070	725,391	3.3	126,522	1.3	851,933	2.7		4
Total:				21,715,229		9,555,342		31,214,674			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**97**		**11**		**105**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,782**		**209**		**1,927**

Mean HC Students:	7,301
Mean FTE Faculty:	397

Table 12B

Public 4-Year +
Minus Predominantly Grad/Professional
5,000–9,999 Students
26 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		1,939,495	9.7	11,989	0.2	1,940,379	6.9		10
2a	Laboratories, Instructional (Class Laboratories)	210, 215		1,917,754	9.6	16,873	0.2	1,934,859	6.9		10
2b	Laboratories, Instructional (Open Laboratories)	220, 225		533,437	2.7	23,808	0.3	565,759	2.0		3
2c	Laboratories, Research	250, 255		943,500	4.7	24,864	0.3	967,476	3.4		5
3	Offices	300 (all)		4,833,973	24.3	183,447	2.5	5,003,428	17.8		25
4	Study	400 (all)		1,960,037	9.8	30,156	0.4	2,062,847	7.3		10
5a	Athletic	520, 523, 525		1,637,777	8.2	444,059	6.0	2,115,942	7.5		11
5b	Special Use	500	520, 523, 525	853,008	4.3	187,148	2.5	1,034,303	3.7		5
6	General and Campus Use	600 (all)		1,666,870	8.4	1,072,638	14.6	2,885,479	10.2		15
7a	Support	700	731, 735, 740, 745	778,526	3.9	59,597	0.8	851,238	3.0		4
7b	Central Storage	730, 735		414,301	2.1	56,615	0.8	475,495	1.7		2
7c	Vehicular Storage	740, 745		601,670	3.0	289,827	3.9	881,497	3.1		4
8	Health Care	800 (all)		31,114	0.2	6,595	0.1	41,310	0.1		0
9a	Student Residential	900		1,131,471	5.7	4,521,363	61.3	5,959,397	21.2		30
9b	Non-Student Residential	900		56,028	0.3	368,766	5.0	735,720	2.6		4
10	Inactive / Alteration	050, 060	070	634,197	3.2	74,025	1.0	708,242	2.5		4
Total:				19,933,158		7,371,770		28,163,371			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**89**		**11**		**101**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,630**		**197**		**1,850**

Mean HC Students:	7,582
Mean FTE Faculty:	412

Table 13

Public 4-Year +
All Respondents
10,000–24,999 Students
69 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		10,291,763	7.2	87,752	0.1	10,391,484	5.0		9
2a	Laboratories, Instructional (Class Laboratories)	210, 215		10,334,190	7.3	36,878	0.1	4,067,343	2.0		4
2b	Laboratories, Instructional (Open Laboratories)	220, 225		3,932,462	2.8	95,609	0.1	3,992,377	1.9		4
2c	Laboratories, Research	250, 255		14,693,791	10.3	142,774	0.2	14,840,396	7.1		13
3	Offices	300 (all)		35,992,260	25.3	3,119,311	4.3	39,071,377	18.7		34
4	Study	400 (all)		12,269,594	8.6	619,784	0.9	12,891,838	6.2		11
5a	Athletic	520, 523, 525		6,780,575	4.8	5,656,436	7.8	12,424,779	6.0		11
5b	Special Use	500	520, 523, 525	6,365,344	4.5	630,166	0.9	6,969,191	3.3		6
6	General and Campus Use	600 (all)		9,909,164	7.0	9,798,255	13.5	19,749,189	9.5		17
7a	Support	700	731, 735, 740, 745	4,748,361	3.3	601,733	0.8	5,351,897	2.6		5
7b	Central Storage	730, 735		5,163,224	3.6	769,566	1.1	5,948,575	2.9		5
7c	Vehicular Storage	740, 745		4,073,880	2.9	11,148,306	15.3	15,222,186	7.3		13
8	Health Care	800 (all)		1,393,177	1.0	2,335,093	3.2	3,728,270	1.8		3
9a	Student Residential	900		10,631,174	7.5	35,137,414	48.3	45,801,095	22.0		40
9b	Non-Student Residential	900		385,738	0.3	1,825,327	2.5	2,211,065	1.1		2
10	Inactive / Alteration	050, 060	070	5,191,720	3.7	724,220	1.0	5,860,623	2.8		5
Total:				142,156,417		72,728,624		208,521,685			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**106**		**19**		**119**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,180**		**390**		**2,455**

Mean HC Students:	16,494
Mean FTE Faculty:	801

Table 14

Public 4-Year +
All Respondents
25,000 + Students
48 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		11,456,080	6.2	337,855	0.3	12,014,887	4.1		8
2a	Laboratories, Instructional (Class Laboratories)	210, 215		11,454,277	6.2	63,110	0.1	11,752,803	4.0		8
2b	Laboratories, Instructional (Open Laboratories)	220, 225		5,474,445	3.0	97,342	0.1	5,688,420	1.9		4
2c	Laboratories, Research	250, 255		28,453,805	15.4	313,181	0.3	29,218,191	9.9		19
3	Offices	300 (all)		53,796,234	29.1	6,143,815	5.9	60,943,303	20.6		40
4	Study	400 (all)		16,183,458	8.7	670,717	0.6	17,067,008	5.8		11
5a	Athletic	520, 523, 525		5,313,554	2.9	8,933,295	8.5	14,468,570	4.9		9
5b	Special Use	500	520, 523, 525	10,985,246	5.9	623,840	0.6	11,726,653	4.0		8
6	General and Campus Use	600 (all)		13,140,905	7.1	12,217,076	11.6	26,042,176	8.8		17
7a	Support	700	731, 735, 740, 745	8,125,899	4.4	1,164,259	1.1	9,491,603	3.2		6
7b	Central Storage	730, 735		6,692,424	3.6	1,635,785	1.6	8,543,099	2.9		6
7c	Vehicular Storage	740, 745		5,398,345	2.9	16,841,350	16.1	22,634,803	7.7		15
8	Health Care	800 (all)		1,493,987	0.8	2,821,706	2.7	4,329,323	1.5		3
9a	Student Residential	900		1,800,980	1.0	51,500,875	49.1	54,698,665	18.5		36
9b	Non-Student Residential	900		486,365	0.3	538,730	0.5	1,025,095	0.3		1
10	Inactive / Alteration	050, 060	070	4,769,939	2.6	983,826	0.9	5,945,437	2.0		4
Total:				185,025,943		104,886,762		295,590,036			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**111**		**21**		**135**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,277**		**429**		**2,754**

Mean HC Students:	31,982
Mean FTE Faculty:	1,565

Table 15

Private 4-Year +
All Respondents
< 2,500 Students
12 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		469,644	7.2	18,842	1.1	523,481	6.3		26
2a	Laboratories, Instructional (Class Laboratories)	210, 215		349,267	5.4	2,464	0.1	351,731	4.2		18
2b	Laboratories, Instructional (Open Laboratories)	220, 225		85,189	1.3	2,799	0.2	87,988	1.1		4
2c	Laboratories, Research	250, 255		169,235	2.6	700	0.0	169,935	2.0		9
3	Offices	300 (all)		992,765	15.2	33,286	1.9	1,026,051	12.3		52
4	Study	400 (all)		566,933	8.7	8,699	0.5	572,632	6.9		29
5a	Athletic	520, 523, 525		665,939	10.2	48,296	2.8	714,235	8.6		36
5b	Special Use	500	520, 523, 525	426,875	6.5	8,849	0.5	435,724	5.2		22
6	General and Campus Use	600 (all)		688,977	10.6	103,237	5.9	792,214	9.5		40
7a	Support	700	731, 735, 740, 745	309,494	4.7	54,867	3.1	364,361	4.4		18
7b	Central Storage	730, 735		154,879	2.4	11,795	0.7	186,674	2.2		9
7c	Vehicular Storage	740, 745		18,571	0.3	0	0.0	18,571	0.2		1
8	Health Care	800 (all)		34,146	0.5	29	0.0	34,175	0.4		2
9a	Student Residential	900		1,447,083	22.2	1,288,249	73.6	2,735,342	32.9		138
9b	Non-Student Residential	900		76,899	1.2	150,159	8.6	227,058	2.7		11
10	Inactive / Alteration	050, 060	070	67,955	1.0	18,078	1.0	86,033	1.0		4
Total:				6,523,851		1,750,349		8,326,205			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**245**		**15**		**263**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,968**		**179**		**3,178**

Mean HC Students:	1,656
Mean FTE Faculty:	137

Table 16A

Private 4-Year +
All Respondents
2,500–4,999 Students
10 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		694,965	11.9	0	0.0	694,965	9.9		20
2a	Laboratories, Instructional (Class Laboratories)	210, 215		205,485	3.5	0	0.0	205,485	2.9		6
2b	Laboratories, Instructional (Open Laboratories)	220, 225		160,754	2.8	0	0.0	160,754	2.3		5
2c	Laboratories, Research	250, 255		429,368	7.4	0	0.0	138,313	2.0		4
3	Offices	300 (all)		769,170	13.2	1,669	0.1	770,839	11.0		22
4	Study	400 (all)		446,694	7.7	0	0.0	446,694	6.4		13
5a	Athletic	520, 523, 525		539,641	9.3	66,589	5.0	606,230	8.7		17
5b	Special Use	500	520, 523, 525	19,707	0.3	0	0.0	19,707	0.3		1
6	General and Campus Use	600 (all)		522,303	9.0	246,898	18.5	904,401	12.9		26
7a	Support	700	731, 735, 740, 745	260,379	4.5	0	0.0	260,379	3.7		7
7b	Central Storage	730, 735		132,540	2.3	0	0.0	132,540	1.9		4
7c	Vehicular Storage	740, 745		115,467	2.0	0	0.0	115,467	1.7		3
8	Health Care	800 (all)		8,771	0.2	1,280	0.1	10,051	0.1		0
9a	Student Residential	900		1,368,507	23.5	1,004,563	75.3	2,373,070	33.9		67
9b	Non-Student Residential	900		115,262	2.0	13,100	1.0	128,362	1.8		4
10	Inactive / Alteration	050, 060	070	27,284	0.5	0	0.0	27,284	0.4		1
Total:				5,816,297		1,334,099		6,994,541			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**118**		**9**		**123**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,743**		**131**		**1,809**

Mean HC Students:	3,534
Mean FTE Faculty:	240

Table 16B

Private 4-Year +
Minus Predominantly Grad/Professional
2,500–4,999 Students
9 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		587,965	11.0	0	0.0	587,965	8.9		19
2a	Laboratories, Instructional (Class Laboratories)	210, 215		205,485	3.9	0	0.0	205,485	3.1		7
2b	Laboratories, Instructional (Open Laboratories)	220, 225		105,030	2.0	0	0.0	105,030	1.6		3
2c	Laboratories, Research	250, 255		424,368	8.0	0	0.0	424,368	6.5		14
3	Offices	300 (all)		654,521	12.3	1,669	0.1	656,190	10.0		21
4	Study	400 (all)		390,527	7.3	0	0.0	390,527	5.9		13
5a	Athletic	520, 523, 525		459,641	8.6	66,589	6.0	526,230	8.0		17
5b	Special Use	500	520, 523, 525	19,707	0.4	0	0.0	19,707	0.3		1
6	General and Campus Use	600 (all)		522,303	9.8	200,898	18.0	858,401	13.1		28
7a	Support	700	731, 735, 740, 745	232,039	4.4	0	0.0	232,039	3.5		8
7b	Central Storage	730, 735		124,540	2.3	0	0.0	124,540	1.9		4
7c	Vehicular Storage	740, 745		115,467	2.2	0	0.0	115,467	1.8		4
8	Health Care	800 (all)		8,771	0.2	1,280	0.1	10,051	0.2		0
9a	Student Residential	900		1,368,507	25.7	831,718	74.6	2,200,225	33.5		71
9b	Non-Student Residential	900		80,690	1.5	13,100	1.2	93,790	1.4		3
10	Inactive / Alteration	050, 060	070	27,284	0.5	0	0.0	27,284	0.4		1
Total:				5,326,845		1,115,254		6,577,299			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**121**		**9**		**134**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,553**		**112**		**1,722**

Mean HC Students:	3,429
Mean FTE Faculty:	267

Table 17

Private 4-Year +
All Respondents
5,000–9,999 Students
11 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		893,505	6.6	64,226	1.2	1,216,582	5.1		14
2a	Laboratories, Instructional (Class Laboratories)	210, 215		691,225	5.1	4,363	0.1	892,081	3.7		10
2b	Laboratories, Instructional (Open Laboratories)	220, 225		213,289	1.6	18,659	0.4	274,401	1.1		3
2c	Laboratories, Research	250, 255		1,538,713	11.4	63,277	1.2	1,933,746	8.1		22
3	Offices	300 (all)		3,403,426	25.1	241,415	4.7	3,906,802	16.4		44
4	Study	400 (all)		1,217,681	9.0	28,844	0.6	1,751,899	7.3		20
5a	Athletic	520, 523, 525		1,264,522	9.3	87,593	1.7	2,059,562	8.6		23
5b	Special Use	500	520, 523, 525	252,872	1.9	22,722	0.4	284,031	1.2		3
6	General and Campus Use	600 (all)		1,317,179	9.7	743,512	14.5	2,116,873	8.9		24
7a	Support	700	731, 735, 740, 745	473,312	3.5	55,286	1.1	644,384	2.7		7
7b	Central Storage	730, 735		367,844	2.7	56,834	1.1	486,063	2.0		5
7c	Vehicular Storage	740, 745		231,956	1.7	35,378	0.7	305,229	1.3		3
8	Health Care	800 (all)		19,747	0.1	1,264	0.0	47,511	0.2		1
9a	Student Residential	900		1,423,814	10.5	3,631,289	70.7	6,576,909	27.6		74
9b	Non-Student Residential	900		76,598	0.6	16,227	0.3	1,083,804	4.5		12
10	Inactive / Alteration	050, 060	070	165,443	1.2	67,619	1.3	282,562	1.2		3
Total:				13,551,126		5,138,508		23,862,439			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**131**		**16**		**175**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,704**		**203**		**2,280**

Mean HC Students:	6,364
Mean FTE Faculty:	488

Table 18A

Private 4-Year +
All Respondents
10,000–24,999 Students
11 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		2,393,862	5.9	36,888	0.3	2,447,040	4.5		15
2a	Laboratories, Instructional (Class Laboratories)	210, 215		1,672,148	4.1	3,122	0.0	1,675,483	3.1		10
2b	Laboratories, Instructional (Open Laboratories)	220, 225		1,004,938	2.5	1,426	0.0	1,006,579	1.8		6
2c	Laboratories, Research	250, 255		5,013,428	12.3	5,805	0.0	5,019,233	9.1		30
3	Offices	300 (all)		12,084,552	29.7	354,960	2.5	12,446,889	22.7		74
4	Study	400 (all)		3,302,836	8.1	40,002	0.3	3,342,840	6.1		20
5a	Athletic	520, 523, 525		2,400,637	5.9	354,808	2.5	2,755,445	5.0		16
5b	Special Use	500	520, 523, 525	1,810,424	4.4	9,684	0.1	1,820,754	3.3		11
6	General and Campus Use	600 (all)		2,501,322	6.1	1,483,425	10.5	3,985,239	7.3		24
7a	Support	700	731, 735, 740, 745	1,177,854	2.9	66,861	0.5	1,244,826	2.3		7
7b	Central Storage	730, 735		1,562,168	3.8	192,427	1.4	1,754,684	3.2		10
7c	Vehicular Storage	740, 745		797,394	2.0	2,420,850	17.1	3,218,244	5.9		19
8	Health Care	800 (all)		435,538	1.1	66,548	0.5	502,086	0.9		3
9a	Student Residential	900		2,570,782	6.3	8,962,172	63.3	11,532,854	21.0		68
9b	Non-Student Residential	900		63,555	0.2	111,349	0.8	174,904	0.3		1
10	Inactive / Alteration	050, 060	070	1,917,931	4.7	41,563	0.3	1,959,494	3.6		12
Total:				40,709,369		14,151,890		54,886,594			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**207**		**15**		**223**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,496**		**182**		**2,680**

Mean HC Students:	15,317
Mean FTE Faculty:	1,272

Table 18B

Private 4-Year +
Minus Predominantly Grad/Professional
10,000–24,999 Students
8 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		1,671,855	6.6	27,997	0.3	1,716,142	4.8		14
2a	Laboratories, Instructional (Class Laboratories)	210, 215		1,366,416	5.4	3,122	0.0	1,369,751	3.8		11
2b	Laboratories, Instructional (Open Laboratories)	220, 225		303,690	1.2	1,426	0.0	305,331	0.9		3
2c	Laboratories, Research	250, 255		2,672,356	10.5	5,805	0.1	2,678,161	7.5		19
3	Offices	300 (all)		6,629,725	26.0	272,167	2.6	6,909,268	19.2		52
4	Study	400 (all)		1,925,104	7.6	21,853	0.2	1,946,958	5.4		17
5a	Athletic	520, 523, 525		1,786,227	7.0	205,451	2.0	1,991,678	5.5		17
5b	Special Use	500	520, 523, 525	1,632,515	6.4	9,684	0.1	1,642,845	4.6		13
6	General and Campus Use	600 (all)		1,421,534	5.6	1,079,598	10.4	2,501,625	7.0		21
7a	Support	700	731, 735, 740, 745	847,445	3.3	42,014	0.4	889,570	2.5		8
7b	Central Storage	730, 735		969,132	3.8	119,179	1.1	1,088,400	3.0		8
7c	Vehicular Storage	740, 745		737,369	2.9	1,734,277	16.7	2,471,646	6.9		22
8	Health Care	800 (all)		154,288	0.6	26,400	0.3	180,688	0.5		1
9a	Student Residential	900		1,629,343	6.4	6,688,065	64.4	8,317,308	23.2		66
9b	Non-Student Residential	900		14,977	0.1	111,349	1.1	126,326	0.4		1
10	Inactive / Alteration	050, 060	070	1,725,123	6.8	41,563	0.4	1,766,686	4.9		14
Total:				25,487,099		10,389,950		35,902,383			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**173**		**15**		**188**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**2,668**		**225**		**2,896**

Mean HC Students:	15,313
Mean FTE Faculty:	995

Table 19

Public and Private 2-Year
All Enrollment Groups
43 Institutions

Space Use Category		Room Use Codes	Excluding	Educ and General NASF	Educ and Gen %	Auxiliary NASF	Aux %	Total NASF	Total%		Mean NASF / Student
1	Classrooms	100 (all)		2,236,085	19.4	14,797	3.2	2,280,792	18.7		8
2a	Laboratories, Instructional (Class Laboratories)	210, 215		2,793,123	24.3	1,139	0.2	2,820,822	23.2		10
2b	Laboratories, Instructional (Open Laboratories)	220, 225		458,136	4.0	173	0.0	462,234	3.8		2
2c	Laboratories, Research	250, 255		19,203	0.2	0	0.0	20,708	0.2		0
3	Offices	300 (all)		2,331,197	20.3	21,300	4.5	2,397,502	19.7		8
4	Study	400 (all)		724,462	6.3	0	0.0	756,712	6.2		3
5a	Athletic	520, 523, 525		550,497	4.8	17,184	3.7	567,681	4.7		2
5b	Special Use	500	520, 523, 525	211,989	1.8	2,830	0.6	219,644	1.8		1
6	General and Campus Use	600 (all)		1,086,426	9.4	267,061	57.0	1,387,237	11.4		5
7a	Support	700	731, 735, 740, 745	315,276	2.7	7,617	1.6	332,083	2.7		1
7b	Central Storage	730, 735		271,576	2.4	4,491	1.0	278,406	2.3		1
7c	Vehicular Storage	740, 745		39,259	0.3	0	0.0	39,259	0.3		0
8	Health Care	800 (all)		6,434	0.1	0	0.0	6,594	0.1		0
9a	Student Residential	900		230,653	2.0	46,314	9.9	276,967	2.3		1
9b	Non-Student Residential	900		5,061	0.0	3,809	0.8	8,870	0.1		0
10	Inactive / Alteration	050, 060	070	228,579	2.0	82,076	17.5	311,775	2.6		1
Total:				11,507,956		468,791		12,167,286			

Mean NASF per Student excluding 7c, 8, 9a, 9b, 10:	**39**		**1**		**41**
Mean NASF per Faculty excluding 5a, 7c, 8, 9a, 9b, 10:	**1,369**		**42**		**1,435**

Mean HC Students:	6,591
Mean FTE Faculty:	187

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SCUP Space Management Knowledge Community, www.scup.org/about/communities/

OBEREG
Bureau of Economic Analysis Code (OBE) Region
OBE Region Codes:

0 - US Service Schools
1 - New England (CT ME MA NH RI VT)
2 - Mid East (DE DC MD NJ NY PA)
3 - Great Lakes (IL IN MI OH WI)
4 - Plains (IA KS MN MO NE ND SD)
5 - Southeast (AL AR FL GA KY LAS MS SC TN VA WV)
6 - Southwest (AZ NM OK TX)
7 - Rocky Mountains (CO ID MT UT WY)
8 - Far West (AK CA HI NV OR WA)
9 - Outlying areas (AS FM GU MH MP PR PW VI)
-3 - Not available

LOCALE
Degree of urbanization
LOCALE Codes:

1 - Large City (CMSA or MSA with the city having a population greater than or equal to 250,000)
2 - Mid-size City (CMSA or MSA less than 250,000)
3 - Urban Fringe of Large City
4 - Urban Fringe of Mid-size City
5 - Large Town (incorporated place of CDP with a population greater than or equal to 25,000 and located outside a CMSA or MSA)
6 - Small Town (incorporated place or CDP with a population less than 25,000 and greater than or equal to 2,500 outside a CMSA or MSA)
7 - Rural (any incorporated place designated as rural by the Census Bureau)
9 - Not assigned
-3 - Not available

SECTOR
Sector of Institution

0 - Administrative unit only
1 - Public, 4-year or above
2 - Private nonprofit, 4-year or above
3 - Private, for-profit, 4-year or above
4 - Public, 2-year
5 - Private nonprofit, 2-year
6 - Private, for-profit, 2-year
7 - Public, less-than-2-year
8 - Private nonprofit, less-than-2-year
9 - Private for-profit, less-than-2-year
-3 - Not available

HBCU
Historically Black College or University
Historically Black College or University (accredited institution of higher education established prior to 1964 with the principal mission of educating Black Americans.)

1 - Yes
2 - No

CARNEGIE
Carnegie Classification Code

- 15 - Doctoral/Research Universities--Extensive
- 21 - Master's Colleges and Universities I
- 22 - Master's (Comprehensive) Colleges and Universities II
- 31 - Baccalaureate Colleges--Liberal Arts
- 32 - Baccalaureate Colleges--General
- 33 - Baccalaureate/Associate's Colleges
- 51 - Theological seminaries and other specialized faith-related institutions
- 52 - Medical schools and medical centers
- 53 - Other separate health profession schools
- 54 - Schools of engineering and technology
- 55 - Schools of business and management
- 56 - Schools of art, music, and design
- 57 - Schools of law
- 58 - Teachers colleges
- 59 - Tribal Colleges and Universities

ROOMCAP
Total Dormitory Capacity
If institution provides on-campus housing, specify dormitory capacity for academic year

Class
Enrollment Class (corresponds to original HEGIS Survey):

- A = < 2,500 Students
- B = 2,500 - 4,999 Students
- C = 5,000 - 9,999 Students
- D = 10,000 - 24,999 Students
- E = 25,000+ Students

FICM Space Classification Definitions Appendix 2

Room Use **Room Use Code or Equivalent**

Definitions from 1992 NCES Facilities Inventory and Classification Manual (FICM)

Classroom **100 (all)**

A room used for classes and that is also not tied to a specific subject or discipline by equipment in the room or the configuration of the room. Exclude Room Use codes for Conference Rooms (350), Meeting Rooms (680), Auditoria (610), or Class Laboratories (210). Examples of this code include general purpose classrooms, lecture halls, seminar rooms, help rooms, and other instructional spaces not specifically set up as teaching laboratories.

Laboratories: Instructional, Class Laboratories **210, 215**

A room used primarily for formally or regularly scheduled classes that require special purpose equipment or specific room configuration for student participation, experimentation, observation, or practice in an academic discipline. A room that directly serves one or more class laboratories as an extension of the activities in those rooms. Exclude Room Use codes (220), (225), (250), and (255). Rooms in this code include computer labs for instruction, science teaching laboratories, graphics design laboratories, and other spaces with specialized equipment used predominantly for scheduled instruction.

Laboratories: Instructional, Open Laboratories **220, 225**

A laboratory used primarily for individual or group instruction that is informally scheduled, unscheduled, or open. A room that directly serves one or more open laboratories as an extension of the activities in those rooms. Exclude Room Use codes (210), (215), (250), and (255). Examples of this code include open computer rooms for use by students throughout the day, unscheduled science or other laboratories, or digital reproduction spaces not used for general instruction but available for students or instructors on an as needed basis.

Laboratories: Research **250, 255**

A room used primarily for laboratory experimentation, research or training in research methods; or professional research and observation; or structured creative activity within a specific program. Exclude Room Use codes (210), (215), (220), and (225). Examples of this code include faculty bench research space (not offices), art production/design space, or rooms equipped for clinical observation for research purposes.

Offices **300 (all)**

Office facilities are individual, multi-person, or workstation space specifically assigned to academic, administrative, and service functions of a college or university. Examples include faculty offices, staff offices, graduate student offices, and administrative offices.

Study Space **400 (all)**

Study space is classified into five categories: Study room, stack, open-stack study room, processing room, and study service. Offices used for library activities are coded as office facilities. A study room may contain equipment or materials which aid the study or learning process (e.g., microcomputers, computer terminals, multimedia carrels, typewriters, records and tapes) and which do not restrict the room to a particular academic discipline or discipline group. Examples of this code include most library facilities, study areas in student unions, and general help rooms not designated for a specific discipline.

Athletic **520, 523, 525**

A room or area used by students, staff, or the public for athletic or physical education activities. The seating area used by students, staff, or the public to watch athletic events. A room that directly serves an athletic or physical education facility as an extension of the activities in that facility. Examples of this code include indoor (enclosed) football stadiums, recreational buildings, bowling lanes, indoor swimming pools, fitness rooms in residence halls or other spaces, or basketball arenas. Offices in these areas should be included under office space, even though located and funded by an athletics department.

Special Use **500**

Areas and rooms for military training, athletic activity, media production, clinical activities (outside of separately organized health care facilities), demonstration, agricultural field activities, and animal and plant shelters are included here. Excludes Room Use codes (520), (523), and (525) Athletic uses. Examples of this code include greenhouses, ROTC buildings/rooms for training or other purposes, or behavioral health clinics (psychological, physical therapy, student counseling centers) not in a health care building.

General Use **600 (all)**

General use facilities are characterized by a broader availability to faculty, students, staff, or the public. General use facilities compromise a campus-wide general service or functional support system (assembly, exhibition, dining, relaxation, merchandising, recreation, general meetings, day care) for the institutional and participant community populations. Examples of this code include theaters, conference centers, child care centers, domestic violence shelters, museums, non-residence hall eating facilities open to the public, bookstores, or recreational facilities that are consistently open to the public.

Support **700**

Support facilities, which provide centralized space for the various auxiliary support systems and services of a campus, help keep all institutional programs and activities operational. They typically serve an area ranging from an entire building or organizational unit to the entire campus. Exclude Room Use codes (730), (735), (740), and (745). Examples in this code include laundry facilities, printing shop, telecommunications room, or general repair facilities (non-vehicular).

Central Storage **730, 735**

A room or building that is used to store equipment or materials and that serves multiple room use categories, organizational units, or buildings. A room that directly serves a central storage facility as an extension of the activities in that facility. Examples of this code include warehouses, rooms associated with the transporting of materials in an out of large central storage facilities and warehouses, surplus storage, campus central supply or storage and inactive storage. Limitations: does not include a storage room directly serving a primary room use category or group of such rooms (e.g., theater storage would be coded as 615, paper storage as 315, any service type xx5 use). Space in this category is for general or central storage.

Vehicular Storage **740, 745**

A room or structure that is used to store or house vehicles. A room that directly serves a vehicle storage facility as an extension of the activities in that facility. Examples of this code include parking structures that store campus vehicles, campus motor pools, campus vehicle repair facilities, airplane hangars, or bus terminals. Limitations: please do not include campus parking facilities for faculty, staff, students.

Health Care **800 (all)**

This series provides room use classification for patient care rooms that are located in separately organized health care facilities: student infirmaries, teaching hospitals and clinics, and veterinary and medical schools. Room codes and definitions apply to both human and animal health care areas; excluded are clinic facilities located outside of separately organized health care facilities (see 500, Special Use). Examples in this code include teaching hospitals, clinics associated with medical education, or buildings used exclusively for medical education. Limitations: the codes in this series are confined to the settings listed above. Health care facilities typically house other areas that are classified using applicable codes from other room use classification series (e.g., classroom, laboratory, office, special use, etc.).

Student Residential **900**

Residential facilities include housing for students at the institution. Examples of this code include residence halls and student apartment complexes.

Non-Student Residential **900**

Residential facilities include housing for faculty, staff, and visitors to the institution. Hotel or motel and other guest facilities are included in this series if they are owned or controlled by the institution and used for purposes associated with defined missions (i.e., excluding commercial investment). Examples of this code include residence halls, student or faculty apartment complexes, or guest facilities that are not designated as profit centers.

Inactive or Alteration Areas **050, 060**

Includes rooms available for assignment to an organizational unit or activity but unassigned at the time of the inventory. Includes rooms temporarily out of use because they are being altered, remodeled, or rehabilitated at the time of the inventory. Examples of this code include swing space (not presently occupied) that is used to temporarily house programs/people whose permanently assigned offices/labs are not available.

Miscellaneous

Educational & General
Space used to support instruction, research, public service, academic support, student services, institutional support, and operation and maintenance of the physical plant. Examples of this categorization include classrooms, laboratories, libraries, some performing arts spaces, offices, student counseling offices, or vehicular storage.

Auxiliary Enterprises
Space used to furnish goods or services to students, faculty, or staff; and for which a fee is charged that directly relates to, although is not necessarily equal to, the cost of the goods or services. The distinguishing characteristic of an auxiliary enterprise is that it is managed as an essentially self-supporting activity. Examples are residence halls, food services, inter-collegiate athletics (only if essentially self-supporting), college stores, faculty clubs, faculty and staff parking, and faculty housing. The general public may be served incidentally by auxiliary enterprises.

Net Assignable Square Feet (NASF)
The sum of all areas on all floors of a building assigned to, or available for assignment to, an occupant or specific use. Areas defined as building service, circulation, mechanical, and structural should not be included.

Gross Square Feet (GSF)
The sum of all areas on all floors of a building included within the outside faces of its exterior walls, including floor penetration areas, however insignificant, for circulation and shaft areas that connect one floor to another. Measured in terms of GSF, Gross Area = Net Usable Area+ Structural Space. Please note that GSF is often not collected on a campus, not collected consistently among buildings when it is collected (e.g., insurance measures versus architectural blue-prints versus physical plant measurements, etc.), or available only by applying an algorithm to NASF (e.g., GSF = NASF x 1.2).

Carnegie Classification Definitions[1] Appendix 3

Doctorate-granting Institutions

Doctoral/Research Universities—Extensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. During the period studied, they awarded 50 or more doctoral degrees per year across at least 15 disciplines.

Doctoral/Research Universities—Intensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. During the period studied, they awarded at least ten doctoral degrees per year across three or more disciplines, or at least 20 doctoral degrees per year overall.

Master's Colleges and Universities

Master's Colleges and Universities I: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. During the period studied, they awarded 40 or more master's degrees per year across three or more disciplines.

Master's Colleges and Universities II: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. During the period studied, they awarded 20 or more master's degrees per year.

1. Definitions are quoted from the Carnegie Foundation web site: www.carnegiefoundation.org/Classification/CIHE2000/defNotes/Definitions.htm.

Baccalaureate Colleges

Baccalaureate Colleges—Liberal Arts: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. During the period studied, they awarded at least half of their baccalaureate degrees in liberal arts fields.

Baccalaureate Colleges—General: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. During the period studied, they awarded less than half of their baccalaureate degrees in liberal arts fields.

Baccalaureate/Associate's Colleges: These institutions are undergraduate colleges where the majority of conferrals are below the baccalaureate level (associate's degrees and certificates). During the period studied, bachelor's degrees accounted for at least ten percent of undergraduate awards.

Associate's Colleges

These institutions offer associate's degree and certificate programs but, with few exceptions, award no baccalaureate degrees. This group includes institutions where, during the period studied, bachelor's degrees represented less than 10 percent of all undergraduate awards.

Specialized Institutions

These institutions offer degrees ranging from the bachelor's level to the doctorate, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the 2000 Higher Education Directory. Specialized institutions include:

Theological seminaries and other specialized faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy.

Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, they include other health professions programs, such as dentistry, pharmacy, or nursing.

Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.

Schools of engineering and technology: These institutions award most of their bachelor's or graduate degrees in technical fields of study.

Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs.

Schools of art, music, and design: These institutions award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.

Schools of law: These institutions award most of their degrees in law.

Teachers colleges: These institutions award most of their bachelor's or graduate degrees in education or education-related fields.

Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.

2007 SCUP CFI Participants

Appendix 4

Alabama A & M University
Angelo State University
Arcadia University
Arizona State University-Tempe
Asbury College
Ball State University
Black Hills State University
Bluefield State College
Boston College
Brandeis University
Brigham Young University-Hawaii Campus
Bunker Hill Community College
California Maritime Academy
California Polytechnic State University-San Luis Obispo
California State Polytechnic University-Pomona
California State University-Bakersfield
California State University-Channel Islands
California State University-Chico
California State University-Dominguez Hills
California State University-Fresno
California State University-Fullerton
California State University-Hayward
California State University-Long Beach
California State University-Los Angeles
California State University-Monterey Bay
California State University-Northridge
California State University-Sacramento
California State University-San Bernardino
California State University-San Marcos
California State University-Stanislaus
Campbell University
Carnegie Mellon University
Carroll College - Wisconsin
Catholic University of America
Central Connecticut State University
Central Michigan University
Central Oregon Community College
Central Piedmont Community College
Centralia College
Chandler/Gilbert Community College
City University of New York System Office
Cleveland State University
Colorado College
Columbia University
Concord University
Cornell University
Dakota State University
Duke University
East Carolina University
East Tennessee State University
Edgewood College
Embry Riddle Aeronautical University-Daytona Beach
Fairmont State University
Flathead Valley Community College
Florida Atlantic University
Florida Gulf Coast University
Florida International University
Fordham University
George Mason University
Georgia Institute of Technology-Main Campus
Georgia Southern University
Georgia State University
Germanna Community College
Glenville State College
Grand Valley State University
Henderson State University
Humboldt State University
Illinois State University
Indiana State University
Indiana University-Bloomington
Iowa State University
Ivy Tech State College-Bloomington
Ivy Tech State College-Central Indiana
Ivy Tech State College-Columbus
Ivy Tech State College-East Central
Ivy Tech State College-Kokomo
Ivy Tech State College-Lafayette
Ivy Tech State College-Northcentral
Ivy Tech State College-Northeast
Ivy Tech State College-Northwest
Ivy Tech State College-South Central
Ivy Tech State College-Southeast
Ivy Tech State College-Southwest
Ivy Tech State College-Wabash Valley
Ivy Tech State College-Whitewater
Jacksonville State University
James Madison University
John Carroll University
Kaskaskia College
Kennesaw State University
Kent State University-Ashtabula Campus
Kent State University-East Liverpool Campus
Kent State University-Geauga Campus
Kent State University-Main Campus
Kent State University-Salem Campus
Kent State University-Stark Campus
Kent State University-Trumbull Campus
Kent State University-Tuscarawas Regional Campus
King's College
Landmark College
Lehigh University
Lewis & Clark College
Lincoln Land Community College
Louisiana State University and Agricultural & Mechanical College
Marshall University
Maryville University of Saint Louis
Massachusetts Institute of Technology
Medaille College
Medical University of South Carolina

Miami University-Oxford
Michigan State University
Middle Tennessee State University
Midwestern State University
Milwaukee Institute of Art Design
Minnesota State University-Mankato
Mississippi University For Women
Missouri State University
Montana State University-Bozeman
Montclair State University
Montgomery College Central Office
Moraine Valley Community College
Mott Community College
Nashville State Technical Community College
Naval Postgraduate School
New Jersey Institute of Technology
New Mexico State University-Main Campus
North Carolina State University-Raleigh
Northeastern University
Northern State University
Oakland University
Ocean County College
Ohio University-Main Campus
Oklahoma State University-Main Campus
Old Dominion University
Owens Community College
Pace University-Pleasantville Briarcliff
Pellissippi State Technical Community College
Pennsylvania State University-College of Medicine
Pennsylvania State University-Main Campus
Plymouth State University
Potomac State College of West Virginia University
Pratt Institute-Main
Presbyterian College
Princeton University
Purdue University-Calumet Campus
Purdue University-Main Campus
Ramapo College of New Jersey
Rensselaer Polytechnic Institute
Rice University
Rochester Institute of Technology
Rutgers University-New Brunswick
Saint Marys College of California
San Diego State University
San Francisco State University
San Jose State University
Santa Clara University
Santa Fe Community College
Seattle University
Shepherd University
Sinclair Community College
Skidmore College
Sonoma State University
South Dakota School of Mines And Technology
South Dakota State University
Southeastern College Assemblies of God
Southeastern Louisiana University
Southern Connecticut State University
Southern Illinois University Edwardsville
Southern Methodist University
Southern West Virginia Community and Technical College
Southwest Georgia Technical College
Southwestern University
State University of New York Albany
State University of New York Binghamton
State University of New York Buffalo
Swarthmore College
Temple University
Texas State University-San Marcos
The Richard Stockton College of New Jersey
The University of Connecticut School of Medicine and Dental Medicine
The University of Texas-Austin
The University of Texas-Brownsville
The University of Texas-San Antonio
The University of Texas Health Science Center-Houston
The University of Texas Medical Branch
Towson University
Tulane University of Louisiana
University of Alabama at Birmingham
University of Alaska Anchorage
University of Alaska Fairbanks
University of Alaska Southeast
University of Alaska System of Higher Education
University of Arkansas Main Campus
University of California-Berkeley
University of California-Davis
University of California-Irvine
University of California-Los Angeles
University of California-Merced
University of California-Riverside
University of California-San Diego
University of California-San Francisco
University of California-Santa Barbara
University of California-Santa Cruz
University of Central Florida
University of Cincinnati-Main Campus
University of Colorado-Boulder
University of Delaware
University of Georgia
University of Houston
University of Houston-Clear Lake
University of Houston-Downtown
University of Houston-System Administration
University of Houston-Victoria
University of Illinois-Chicago
University of Illinois-Urbana-Champaign
University of Kentucky
University of Louisiana-Monroe
University of Maine
University of Maine-Augusta
University of Maine-Farmington
University of Maine-Fort Kent
University of Maine-Machias
University of Maine-Presque Isle
University of Maine System Central Office
University of Maryland-Baltimore
University of Maryland-Baltimore County

University of Maryland-College Park
University of Massachusetts-Amherst
University of Massachusetts-Dartmouth
University of Memphis
University of Minnesota-Duluth
University of Missouri-Columbia
University of Missouri-Kansas City
University of Missouri-St Louis
University of Nebraska-Lincoln
University of Nevada-Las Vegas
University of Nevada-Reno
University of North Carolina-Pembroke
University of North Carolina-Wilmington
University of North Texas
University of Oklahoma-Norman Campus
University of Oregon
University of Puerto Rico-Mayaguez
University of Rhode Island
University of Rochester
University of Scranton
University of South Alabama
University of South Carolina-Aiken
University of South Dakota
University of Southern Maine
University of Toledo
University of Vermont
University of Virginia-Main Campus
University of Washington-Bothell Campus
University of Washington-Seattle Campus
University of Washington-Tacoma Campus
University of West Georgia
University of Wisconsin-Milwaukee
University of Wisconsin-Platteville
University of Wisconsin-River Falls
University of Wyoming
Valdosta State University
Valencia Community College
Virginia Commonwealth University
Virginia Polytechnic Institute and State University
Virginia Wesleyan College
Washington State University
Washington State University-Spokane
Washington State University-Tri Cities
Washington State University-Vancouver
Wellesley College
West Liberty State College
West Virginia Northern Community College
West Virginia School of Osteopathic Medicine
West Virginia State University
West Virginia University
West Virginia University at Parkersburg
West Virginia University Institute of Technology
Western Connecticut State University
Western Washington University
Westmont College
Wilkes University
Wofford College
Xavier University