

# *Society for College and University Planning*



## **CAMPUS FACILITIES INVENTORY (CFI)**

### *2006 CFI Executive Summary*

Until 2003, almost thirty years had elapsed since a public or private agency had taken responsibility for the comprehensive collection of data reflecting the size and growth patterns of college and university facilities. This report summarizes the fourth annual Society for College and University Planning (SCUP) Campus Facilities Inventory (CFI). SCUP has undertaken this project in order to respond to a critical need for postsecondary facilities data within the higher education community.

## Campus Facilities Inventory (CFI)

In 2006, 273 institutions of higher education submitted useable data to the Society for College and University Planning (SCUP) Campus Facilities Inventory (CFI). This was the fourth year that SCUP has collected general space use data in its efforts to provide a sense of the size and growth patterns of college and university facilities. While 2006 also saw discussion of a “Huge IPEDS”<sup>1</sup> (Integrated Postsecondary Education Data System), there are no plans to include the collection of data on space. This continues to leave gaps in space information that have existed since 1974, the last time the federal government collected such information. The SCUP CFI seeks to fill at least part of higher education’s need for such data in decision-making.

In 1974, there were 3,038 public and private colleges and universities in the United States. In 2005, there were 4,385 US colleges and universities, an increase of 44%. The estimated increase in net assignable square feet (NASF) on campuses today is unknown, but estimated at over 6.0 billion NASF, a nearly five-fold increase from the 1.3 billion NASF reported in 1974.

Increases in enrollment have more than kept pace with the increase in square footage on campuses—from 11,569,899 in 1979 to 17,272,000 in 2004<sup>2</sup>. Both figures are from the *Digest of Education Statistics 2005 Table 3*. The National Center for Education Statistics (NCES) projects a continued rise in enrollments in all categories of institutions.

### 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)*<sup>3</sup>. *FICM* is generally accepted as the standard resources for facility description purposes, as most institutions of higher learning have adopted it as the basis for their 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.

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, Alteration Areas, or Unfinished Areas

Institutions that contribute to the CFI receive an Excel file containing space data matched with individual institution’s IPEDS information from all participating campuses. Only participating institutions may receive the data. SCUP considers facilities data to be valid for two years, so institutions need only submit every other year. The CFI website, [www.scup.org/knowledge/cfi](http://www.scup.org/knowledge/cfi), is available for data input annually from February through April, so that additional institutions may join this effort and benefit from it. Nonparticipating institutions, corporations, and individuals may purchase a copy of this summary report, but do not have access to data on individual institutions.

1. Huge IPEDS Lives, <http://insidehigered.com/layout/set/print/news/2007/02/19/ipeds>
2. [http://nces.ed.gov/programs/digest/d05/tables/dt05\\_003.asp](http://nces.ed.gov/programs/digest/d05/tables/dt05_003.asp)
3. The *FICM* used for this survey was published in 1994. In August of 2006, NCES published an updated and revised version of *FICM*. This version will be used starting with the 2007 CFI survey.

## Highlights

There were 273 participating institutions in the 2006 SCUP Campus Facilities Inventory. Some of the results of the survey, based on this sample, are highlighted below.

- A total of 661,885,732 NASF (net assignable square feet) of space was surveyed in the 2006 CFI. This is a slight increase from the 2005 CFI, which had 289 participants, when 651,759,397 NASF was surveyed.
- All five of the major Carnegie Foundation classifications are represented in the data. The largest number of respondents was in the Doctoral/Research University category.
- The largest number of respondents by size came from institutions with enrollments between 10,000 and 24,999.
- There was a three percent decrease in participation of Public 4- Year and above institutions from 2005 to 2006.
- There was an eight percent increase in participation of Private 4- Year and above institutions from 2005 to 2006.
- The number of two-year participants decreased from 62 to 41, representing a six percent decrease in their proportion of total participants.
- As expected, the average amount of space per institution in the 2006 CFI was greater in institutions with larger enrollments.
- The decrease in the number of participants from 2-Year institutions appears to have resulted in a decrease in the reported NASF per student in all space use categories except Study (400) and Special/Athletic (500).
- Participants from 4-Year and above institutions reported increases in NASF per student in all space categories. However, the largest percentage increase was seen in Office (300).
- All participating institutions reported fewer NASF per faculty member in all space categories. Ranges of NASF per faculty member include: 1,966 to 2,080 at public 4-Year and above; 1,679 to 2,530 at private 4-Year and above, and 1,036 to 1228 at 2-year institutions.
- Private institutions, excluding those with predominately graduate and professional enrollments, reported more NASF per student for all enrollment sizes.
- As with previous CFI surveys, the greatest total campus NASF per student is found at 4-Year and above private institutions with enrollments of less than 2,500.