**The Society for College
and University Planning**

About the SCUP 2021
Campus Facilities Inventory (CFI)

1. SURVEY OVERVIEW

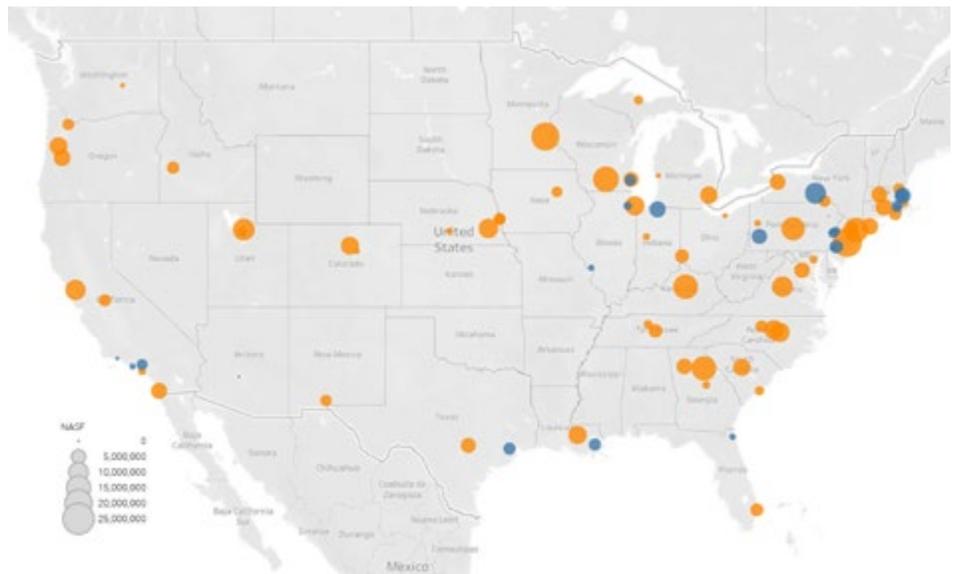**Facility area, recent and planned changes, and effects of COVID-19**

As leaders of colleges and universities continue to analyze changes today and plan for the future, the knowledge and insight from the SCUP community is critical. The SCUP 2021 Campus Facilities Inventory (CFI) survey results offers valuable facilities benchmarking data that can help college and university leaders understand not only what they have now and how it compares to other similar institutions, but also how things might change in the future.

The Society for College and University Planning (SCUP) Campus Facilities Inventory (CFI) survey was last conducted in 2007 and was relaunched in 2021. Eighty-eight institutions from across the United States provided responses to the survey. The information was collected via an online survey between January 2021 and April 2021. The 2021 survey gathered information on campus facility area (similar to the 2007 survey) and included questions regarding recent and planned changes for campus facilities.

List of Participating Institutions

Data are reported only in aggregate, protecting the privacy of each institution. Reporting focuses on findings and comparison tables by institution type (i.e., four-year public, four-year private, and two-year public), location (i.e., urban, suburban, rural), and size (i.e., enrollment, 20,000).

The CFI report is 159 pages long with more than 100 graphs and charts.

Campus Facility Area

The SCUP 2021 CFI asked institutions to provide space data as categorized by the National Center for Education Statistics (NCES) Facilities Inventory and Classification Manual (FICM). FICM, the standard resource for facility description purposes within the sector, has been adopted by most institutions for higher learning as the basis for their space inventories. This survey asked institutions to report the amount of assignable square footage and does not consider unassignable area.

Recent and Planned Changes

The survey included questions about the changes made to campus facilities over the past year, and changes to facilities planned over the next three years. For changes planned over the next year, the survey included detailed questions by space type.

Continued

Effects of COVID-19 on Facility Planning

Given that nearly all institutions have had to make changes related to the COVID-19 pandemic, the survey gave respondents an opportunity to provide qualitative feedback on how the pandemic has affected their institution's approach to campus and facility planning

Key Metrics

The analysis of campus facility area includes three key metrics: average net assignable square feet (NASF), NASF per in-person student, and the fit ($r2$) between NASF and in-person headcount enrollment—in other words, the relationships between NASF and in-person student headcount. R-squared is a statistical measure that represents the proportion of the variance for a dependent variable that's explained by an independent variable or variables in a regression model. It explains to what extent the variance of one variable explains the variance of the second variable, and in the case of this analysis describes the relationships between the variables NASF and in-person student headcount.

2. CFI TABLE OF CONTENTS

3. FICM SPACE USE CODES

Standardized space inventory data

The National Center for Education Statistics (NCES) created a standard for higher education institutions to collect and track space use, which is called the Facilities Inventory and Classification Manual (FICM). FICM categorizes space types into ten groups of assignable areas and three groups of non-assignable areas. This survey asked institutions to report the amount of assignable space and does not consider unassignable area. Participating institutions were asked to provide data in the following assignable space categories and associated space types:

FICM Space Use Codes

100	Classroom Facilities
210	Instructional Class Laboratory
220	Instructional Open Laboratories
250	Research Laboratories
310	Offices
350	Conference Rooms
410, 430	Library Study & Other Study Facilities
420, 440, 450	Library Stack & Processing Space
500	Special Use Facilities
520, 523, 535	Athletic Facilities
500	Special Use Facilities (excluding Athletic)
600	General Use Facilities
700	Support Facilities (excluding 730 & 740)
730	Central Storage Facilities
740	Vehicle Storage Facilities
800	Health Care Facilities
900	Non-Student Residential Facilities
900	Student Residential Facilities
000	Inactive or Alteration Areas

5. DATA COLLECTION METHOD

The SCUP 2021 CFI asked respondents about current facilities and recent and planned changes

The survey period was between January 11, 2021, and April 17, 2021. The data collection tool was an online survey. Individuals within the SCUP membership and contact database were identified as having facilities or campus planning-related positions. These individuals were sent a link to the survey, encouraging them to participate. Initially, only one individual per institution was contacted and sent a link to participate. This was conducted to minimize duplicate and different responses within an institution.

The survey asked respondents to provide:

1. Information about their institution
2. Total campus Net Assignable Square Feet (NASF) and Gross Square Feet (GSF)
3. Information about changes made to campus facilities in the past year
4. Changes to campus facilities planned for the coming year
5. Changes planned over the next three years
6. Information about how COVID has affected campus planning

See the Online Survey Questions

6. SUMMARY OF THE SCUP 2021 CFI DATA

The data presented in the CFI is based on the responses from 88 United States higher education institutions that participated in the SCUP 2021 CFI survey. Eighty-three institutions provided NASF and GSF data.

Respondents by Sector

CFI data was cross-referenced with data collected from the Integrated Postsecondary Data System (IPEDS) database to determine the following institutional characteristics:

Institution Size: Fall 2019 Headcount Enrollment: Encompassing Undergraduate Students, Graduate Students, and Total Students

Enrollment by Distance Education: Percentage of students enrolled in only Distance Education (both Undergraduate and Graduate) was subtracted from the total headcount enrollment to account for only in-person. Percentage of students categorized as "In-Person Headcount Enrollment" is a primary metric used through this study, because in-person students are users of campus facilities, whereas fully remote students do not use campus facilities.

Sector: Public versus Private and 2-year versus 4-year

Campus Setting: Urban, Suburban, and Town/Rural characteristics were recorded for each school.

2021 CAMPUS FACILITIES INVENTORY

The Society for College and University Planning

2021 CFI Report

The Society for College and University Planning in partnership with **brightspot**

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