Guide for Public Use Data Files

**National Science Foundation's
Survey of Science and Engineering Research Facilities**

Fiscal Year 2023

September 2024

**National Science Foundation
National Center for Science and Engineering Statistics**

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This data users' guide provides a detailed description of the public use data files for the FY 2023 National Science Foundation (NSF) Survey of Science and Engineering Research Facilities (Facilities Survey). Because public use data files are also available for FYs 2003–2021, listings of variable names and labels for those earlier cycles are also provided. For additional information about the survey population and procedures, refer to the FY 2023 Methodology Report and methodology reports from previous collection cycles (available upon request from the National Center for Science and Engineering Statistics [NCSES] project manager listed in section 3.4).

1.   ABOUT THE FACILITIES SURVEY

The Facilities Survey has been a congressionally mandated biennial survey of postsecondary institutions since 1986. It is the primary source of information on the amount and cost of space at science and engineering research facilities located at U.S. research-performing colleges and universities. The survey is the basis of public data used by Congress, higher education associations, state governments, academia, and architectural and engineering firms. Data from 1986 through 2001 are not available. Microdata are available for public use beginning with the FY 2003 collection cycle.

Prior to the FY 2011 survey cycle, biomedical institutions were surveyed with academic institutions; therefore, data in the FYs 2003 through 2009 public use data files also contain data for biomedical institutions.

Survey data are compiled for the defined fiscal year, the preceding fiscal year, and planned activities for two succeeding fiscal years.

2.   SURVEY POPULATION, INSTRUMENT, AND DATA AVAILABILITY

2.1   Target Population and Frame

For the FY 2023 data collection, the survey collected information on U.S. science and engineering (S&E) research facilities at colleges and universities with $1 million or more in research and development (R&D) expenditures in S&E during FY 2022. The survey excluded military institutions, Department of Veterans Affairs institutions, and Federally Funded R&D Centers (FFRDCs). Department of Defense University Affiliated Research Centers (UARCs) are included. The survey is a census of all such eligible institutions. There were 602 academic institutions that met the criteria for inclusion in the study.

The frame for the academic institutions is the FY 2022 HERD Survey from NCSES. In the FY 2023 survey cycle, 96% (576 out of 602) of academic institutions responded. To be considered a respondent, institutions must answer several critical items (denoted in section 2.2 below) in the Facilities Survey: Question 1—types of S&E research space, Question 2—amount of research space, Question 5—research space in medical school, Question 10—number of new construction projects in S&E research facilities, Question 10A—name of new construction project, and Question 10B—fiscal year new construction project began. If an institution leaves any of these critical items unanswered, the institution is considered a nonrespondent.

2.2 Key Variables

The FY 2023 Facilities Survey instrument consisted of the following 19 questions and one additional question for comments:

Question 1 requested that institutions report the types of S&E research space at their institution. Question 1i is confidential and therefore not included in public data files. (critical item)

Question 2 requested that institutions report the amount of net assignable square feet (NASF), including in the field totals any research animal space, that was used for research, by S&E field. (critical item)

Question 3 asked for the amount of research animal space that was included in Question 2. (CONFIDENTIAL; not included in public data files)

Question 4 asked for the amount of clinical trial research space that was included in Question 2.

Question 5 asked institutions for the amount of research NASF reported in Question 2 that was located in a medical school. (critical item)

Question 6 asked institutions to indicate for each field of S&E whether any of the space reported in Question 2 was shared with other fields or used for purposes other than research.

Question 7 asked institutions for the percentage of research NASF for each field of S&E reported in Question 2 that fell into the four condition categories of superior condition, satisfactory condition, requires renovation, and requires replacement. (CONFIDENTIAL; not included in public data files)

Question 8 requested that institutions provide completion costs for repair and renovation projects, including in the field totals any repair and renovation of research animal space, by S&E field.

Question 9 asked for the amount of completion costs for repair and renovation projects reported in Question 8 that was located in a medical school.

Question 10 requested that institutions provide the total number of new construction projects that included S&E research facilities. (critical item)

Question 10A–G requested information about institutions' new construction projects, including name of project, fiscal year project began, square footage for project (entire project and S&E research facilities portion), completion costs (entire project and S&E research facilities portion), completion costs and NASF by field of S&E, completion costs and NASF for research animal portion (CONFIDENTIAL; not included in public data files), and completion costs and NASF for medical school portion. (A & B – critical items)

Question 11 requested that institutions report the completion costs by source of funding (i.e., federal government, state or local government, and institutional funds and other sources) for repair and renovation projects and new construction of S&E research facilities.

Question 12 requested that institutions provide completion costs for planned repair and renovation projects, including in the field totals any planned repair and renovation of research animal space, by S&E field.

Question 13 asked for the amount of completion costs for planned repair and renovation projects reported in Question 12 that was located in a medical school.

Question 14 requested that institutions report the estimated completion costs and NASF for planned new construction of S&E research facilities, including in the field totals any planned new construction of research animal space, by S&E field.

Question 15 asked for the amount of completion costs and NASF for planned new construction reported in Question 14 that will be located in a medical school.

Question 16 requested that institutions report estimated costs for any deferred repair and renovation projects included in their institutional plan and projects not included in their institutional plan, by S&E field.

Question 17 asked for the amount of estimated costs for deferred repair and renovation projects included in their institutional plan and projects not included in their institutional plan reported in Question 16 that would be located in the medical school.

Question 18 requested that institutions report estimated costs for any deferred new construction projects included in their institutional plan and projects not included in their institutional plan, by S&E field.

Question 19 asked for the amount of estimated costs for deferred new construction projects included in their institutional plan and projects not included in their institutional plan reported in Question 18 that would be located in the medical school.

2.3 Data Comparability Across Survey Cycles FYs 2003–2023

Changes were made to the fields of S&E and to the lists of disciplines included in the fields for the FY 2007, FY 2015, FY 2017, FY 2021, and FY 2023 surveys in order to better coordinate field totals in national academic surveys. The changes for FY 2007 were extensive enough that comparisons with pre-2007 data at the S&E field level are not advised. S&E field-level data are comparable for 2007 to the present.

2.4 Changes to the Survey

2.4.1 Changes to the Survey for FY 2023

- Fields of S&E: Changes were made to the lists of disciplines included in the fields of S&E in order to better coordinate field totals in national academic surveys. The discipline that was revised is listed below:
  - The discipline of "Plant pathology and phytopathology, agricultural" was removed from **Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields**. "Plant pathology and phytopathology" should be reported under **Biological and biomedical sciences**.

2.4.2 Historical Changes to the Survey

- In FY 2015, changes were made to the fields of S&E. Below is a listing of these changes and information about how to link field variables across years as a result of these changes.
  - The field of **Agricultural sciences and natural resources sciences** (*_AGR in years prior to 2015) was split into **Agricultural sciences** (*_AG) and **Natural resources and conservation** (*_NR). Data were not collected separately for **Natural resources and conservation** prior to the FY 2015 survey and are included in the *_AGR field for FYs 2007–13.

- Physical sciences, group 1 (*_PHY1 in years prior to 2015) is comparable to *_GEO (beginning in 2015).

- Physical sciences, group 2 (*_PHY2 in years prior to 2015) is comparable to *_PHY (beginning in 2015).

  * = designates the variable name for the question.

- In FY 2017, the definition of research was updated to align with the NSF Higher Education R&D survey. This definition mirrors the definition provided in the Frascati Manual 2015, an international document published by the Organisation for Economic Co-operation and Development that provides guidelines for collecting and reporting data on R&D.

2.5   Excluded Data

Some data collected as part of the Facilities Surveys are not included in the public use data files. Information categorized as confidential is excluded from publicly available data. Information received from individual institutions regarding research animal space, condition of space, and indirect costs[1] is not published or released.

2.6   Data Imputation

In order to provide totals of all eligible S&E Research Facilities data, it was first necessary to develop estimates for the 4.3% of the survey population that did not respond to the survey[2] as well as for items not answered by survey respondents. Data imputation is a procedure used to estimate data for institutions that did not participate in the survey (i.e., unit nonresponse) and for those that participated in the survey but did not respond to one or more survey items (i.e., item nonresponse). Imputation is completed for all survey items in the public use data files except shared space (Question 6).

The FY 2023 public data files contain imputed data, where unit and item nonresponse were imputed using the same approach. The imputation approach used multivariate regression models, including linear and/or logistic regression models. A special feature of the survey data that is addressed by the imputation methods is the presence of legitimate zero values that frequently occur for some items (e.g., questions with S&E field categories). For example, institutions that report repair and renovation costs in some fields usually report zero costs in other fields. Analysts may wish to examine data such as the number of institutions that have repair and renovation projects in agricultural science, as well as the total cost of these projects. This type of analysis is supported if the imputed data follow the same pattern of zero and nonzero responses as the reported data. To maintain this pattern of item response in the imputation process, a logistic regression was applied to decide whether the imputed value should be zero or not. For the cases to be imputed with nonzero (positive) values, a linear regression was then conducted to impute the exact value.

The core predictor variables used for imputation were type of control, highest degree granted, existence of a medical school, the prior fiscal year's total R&D expenditures in S&E, and total NASF of research space (total across S&E fields). Other predictors used for modeling were the responses for NASF by S&E field in the FY 2021 cycle, where available.

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[1] Information about indirect costs was collected in the FY 2003 survey cycle only.

[2] Although Alabama A&M University and City University of New York, Brooklyn College are nonrespondents to the survey, they completed a number of questions which were not imputed. Other data for these two institutions were imputed.

In the imputation models for some items, rather than imputing the item itself, a ratio of the item with another item was imputed. This was done because the ratio was much more stable and predictable than the item itself. In this situation, the ratio was the outcome variable in the linear regression model. The imputed ratio was then used to calculate the imputed item value.

The predicted values from the regression models were copied into the data file as the imputed responses. The imputation flag (1=imputed) indicates when the value was imputed.

2.6.1 Data Imputation in Earlier Survey Cycles

- From FY 2015 through FY 2021, imputation was handled similarly to FY 2023.

- In FY 2013, imputation was handled similarly to more recent cycles with the exception that it did not utilize prior cycle data in the model.

- Prior to FY 2013, imputation was only used for item nonresponse, while unit nonresponse was addressed with weighting. NCSES eliminated weighting for unit nonresponse in favor of imputation after the FY 2011 survey to allow for better presentation of the entire data set and national totals in formats such as the public use files and the NCSES data tools. The public use files for FY 2011 and earlier contain unimputed and unweighted data so that individual institutional and national totals match data available in the NCSES data tools.

2.6.2 Data Table Considerations Related to Imputation

The published totals in the data tables include imputed values, with the exception of the tables on shared space (Question 6). Those data are not imputed and calculations for the tables presenting those data exclude unit nonrespondents—whether or not they responded to this question—in addition to item nonrespondents.

2.7 Public Use Data Files

After completion of the data processing cycle, the collected data are stored in files for public use and archival purposes. These files include any corrections to prior-year data that were discovered in subsequent cycles (e.g., a new construction project being reported in more than one cycle). Additionally, the public use files for FY 2013 and beyond contain imputation flags at the end of the file. Variables for imputed data begin with the letter I (e.g., INASF_BIO), and an imputation flag (1=imputed) indicates the value was imputed, whereas a blank cell indicates the value was not imputed.

2.7.1 File Types FY 2023

2.7.1.1 Excel Data File Format

Excel data file variable names and labels for data collection cycle FY 2023 are provided below. In addition, the file contains imputation flags.

#	Variable	Label	Type
1	YEAR	Survey year	Character
2	INST_ID	Institution ID number	Numeric
3	INST_NAME	Institution name	Character
4	SUBMISSION_FLAG	Respondent	Character

#	Variable	Label	Type
5	FICE	Institution FICE code	Character
6	NCSESID	Institution NCSES ID	Character
7	INST_TYPE	Type of institution	Numeric
8	INST_STATE	State-institution address	Character
9	HDG_CODE	Highest degree offered	Character
10	TOC_CODE	Type of control of institution	Character
11	HBCU_FLAG	Historically black college or university	Character
12	AAMC_FLAG	Member American Association of Medical Colleges	Character
13	MED_SCHOOL_FLAG	Institution identified self as having medical school	Numeric
14	EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research state	Character
15	IDEA_FLAG	In Institutional Development Award Program state	Character
16	EXP_TOT_2022	Total R&D expenditures reported FY 2022	Numeric
17	TYPE_LAB	Type of S&E research space-lab wet/dry	Numeric
18	TYPE_LAB_SUPPORT	Type of S&E research space-lab support	Numeric
19	TYPE_INSTRUCT_LAB	Type of S&E research space-instructional lab	Numeric
20	TYPE_CORE_LAB	Type of S&E research space-core lab	Numeric
21	TYPE_LEASED	Type of S&E research space-leased space	Numeric
22	TYPE_OFFICES	Type of S&E research space-offices	Numeric
23	TYPE_EQUIP	Type of S&E research space-nonfixed equipment $1 million	Numeric
24	TYPE_MED_SCH	Type of S&E research space-in medical school	Numeric
25	TYPE_CLIN_TRIAL	Type of S&E research space-clinical trial	Numeric
26	NASF_AGX	Did the institution have agricultural sci research space	Numeric
27	NASF_AG	Total NASF of agricultural sci space	Numeric
28	NASF_BIOX	Did the institution have biological/biomedical sci research space	Numeric
29	NASF_BIO	Total NASF of biological/biomedical sci space	Numeric
30	NASF_COSX	Did the institution have computer sci research space	Numeric
31	NASF_COS	Total NASF of computer sci space	Numeric
32	NASF_ENGX	Did the institution have engineering research space	Numeric
33	NASF_ENG	Total NASF of engineering space	Numeric
34	NASF_GEOX	Did the institution have geo/atmospheric/ocean sci research space	Numeric
35	NASF_GEO	Total NASF of geo/atmospheric/ocean sci space	Numeric
36	NASF_HLTHX	Did the institution have health sci research space	Numeric

#	Variable	Label	Type
37	NASF_HLTH	Total NASF of health sci space	Numeric
38	NASF_MATHX	Did the institution have math research space	Numeric
39	NASF_MATH	Total NASF of math space	Numeric
40	NASF_NRX	Did the institution have nat resources/conservation research space	Numeric
41	NASF_NR	Total NASF of nat resources/conservation space	Numeric
42	NASF_PHYX	Did the institution have physical sci research space	Numeric
43	NASF_PHY	Total NASF of physical sci space	Numeric
44	NASF_PSYX	Did the institution have psychology research space	Numeric
45	NASF_PSY	Total NASF of psychology space	Numeric
46	NASF_SOCX	Did the institution have social sci research space	Numeric
47	NASF_SOC	Total NASF of social sci space	Numeric
48	NASF_OTHX	Did the institution have other sci research space	Numeric
49	NASF_OTH	Total NASF of other sci space	Numeric
50	NASF_CLIN_TRIAL	Total NASF used for clinical trials	Numeric
51	NASF_MEDBOX	Did the institution have a medical school	Numeric
52	NASF_MED	Total NASF in a medical school	Numeric
53	SS_AGX	Did the institution have agricultural sci research space	Numeric
54	SS_AG_1	Agricultural sci space shared with other fields	Numeric
55	SS_AG_2	Agricultural sci space used for nonresearch purposes	Numeric
56	SS_BIOX	Did the institution have biological/biomedical sci research space	Numeric
57	SS_BIO_1	Biological/biomedical space shared with other fields	Numeric
58	SS_BIO_2	Biological/biomedical space used for nonresearch purposes	Numeric
59	SS_COSX	Did the institution have computer sci research space	Numeric
60	SS_COS_1	Computer sci space shared with other fields	Numeric
61	SS_COS_2	Computer sci space used for nonresearch purposes	Numeric
62	SS_ENGX	Did the institution have engineering research space	Numeric
63	SS_ENG_1	Engineering space shared with other fields	Numeric
64	SS_ENG_2	Engineering space used for nonresearch purposes	Numeric
65	SS_GEOX	Did the institution have geo/atmospheric/ocean sci research space	Numeric
66	SS_GEO_1	Geo/atmospheric/ocean sci space shared with other fields	Numeric
67	SS_GEO_2	Geo/atmospheric/ocean sci space used for nonresearch purposes	Numeric
68	SS_HLTHX	Did the institution have health sci research space	Numeric

#	Variable	Label	Type
69	SS_HLTH_1	Health sci space shared with other fields	Numeric
70	SS_HLTH_2	Health sci space used for nonresearch purposes	Numeric
71	SS_MATHX	Did the institution have math research space	Numeric
72	SS_MATH_1	Math space shared with other fields	Numeric
73	SS_MATH_2	Math space used for nonresearch purposes	Numeric
74	SS_NRX	Did the institution have nat resources/conservation research space	Numeric
75	SS_NR_1	Nat resources/conservation space shared with other fields	Numeric
76	SS_NR_2	Nat resources/conservation space used for nonresearch purposes	Numeric
77	SS_PHYX	Did the institution have physical sci research space	Numeric
78	SS_PHY_1	Physical sci space shared with other fields	Numeric
79	SS_PHY_2	Physical sci space used for nonresearch purposes	Numeric
80	SS_PSYX	Did the institution have psychology research space	Numeric
81	SS_PSY_1	Psychology space shared with other fields	Numeric
82	SS_PSY_2	Psychology space used for nonresearch purposes	Numeric
83	SS_SOCX	Did the institution have social sci research space	Numeric
84	SS_SOC_1	Social sci space shared with other fields	Numeric
85	SS_SOC_2	Social sci space used for nonresearch purposes	Numeric
86	SS_OTHX	Did the institution have other sci research space	Numeric
87	SS_OTH_1	Other sci space shared with other fields	Numeric
88	SS_OTH_2	Other sci space used for nonresearch purposes	Numeric
89	RRBOX	Did the institution have R/R projects of $250,000 or more	Numeric
90	RR_AG	R/R completion costs for agricultural sci	Numeric
91	RR_BIO	R/R completion costs for biological/biomedical sci	Numeric
92	RR_COS	R/R completion costs for computer sci	Numeric
93	RR_ENG	R/R completion costs for engineering	Numeric
94	RR_GEO	R/R completion costs for geo/atmospheric/ocean sci	Numeric
95	RR_HLTH	R/R completion costs for health sci	Numeric
96	RR_MATH	R/R completion costs for math	Numeric
97	RR_NR	R/R completion costs for nat resources/conservation	Numeric
98	RR_PHY	R/R completion costs for physical sci	Numeric
99	RR_PSY	R/R completion costs for psychology	Numeric
100	RR_SOC	R/R completion costs for social sci	Numeric
101	RR_OTH	R/R completion costs for other sci	Numeric

#	Variable	Label	Type
102	RR_MEDBOX	Did the institution have a medical school	Numeric
103	RR_MED	R/R completion costs for medical school	Numeric
104	NCBOX	Did the institution have new construction projects of $250,000 or more	Numeric
105	NCPROJ	Number of new construction projects	Numeric
106	RR_FED	R/R funded by federal govt	Numeric
107	RR_STA	R/R funded by state/local govt	Numeric
108	RR_INST	R/R funded by other sources	Numeric
109	RR_TFUND	Total R/R funded	Numeric
110	NC_FED	New construction funded by federal govt	Numeric
111	NC_STA	New construction funded by state/local govt	Numeric
112	NC_INST	New construction funded by other sources	Numeric
113	NC_TFUND	Total new construction funded	Numeric
114	PRRBOX	Did the institution have planned R/R projects of $250,000 or more	Numeric
115	PRR_AG	R/R completion costs planned for agricultural sci	Numeric
116	PRR_BIO	R/R completion costs planned for biological/biomedical sci	Numeric
117	PRR_COS	R/R completion costs planned for computer sci	Numeric
118	PRR_ENG	R/R completion costs planned for engineering	Numeric
119	PRR_GEO	R/R completion costs planned for geo/atmospheric/ocean sci	Numeric
120	PRR_HLTH	R/R completion costs planned for health sci	Numeric
121	PRR_MATH	R/R completion costs planned for math	Numeric
122	PRR_NR	R/R completion costs planned for nat resources/conservation	Numeric
123	PRR_PHY	R/R completion costs planned for physical sci	Numeric
124	PRR_PSY	R/R completion costs planned for psychology	Numeric
125	PRR_SOC	R/R completion costs planned for social sci	Numeric
126	PRR_OTH	R/R completion costs planned for other sci	Numeric
127	PRR_MEDBOX	Did the institution have a medical school	Numeric
128	PRR_MED	R/R completion costs planned for medical school	Numeric
129	PNCBOX	Did the institution have planned new construction projects of $250,000 or more	Numeric
130	PNC_AG_1	Planned new construction costs for agricultural sci	Numeric
131	PNC_BIO_1	Planned new construction costs for biological/biomedical sci	Numeric
132	PNC_COS_1	Planned new construction costs for computer sci	Numeric
133	PNC_ENG_1	Planned new construction costs for engineering	Numeric

#	Variable	Label	Type
134	PNC_GEO_1	Planned new construction costs for geo/atmospheric/ocean sci	Numeric
135	PNC_HLTH_1	Planned new construction costs for health sci	Numeric
136	PNC_MATH_1	Planned new construction costs for math	Numeric
137	PNC_NR_1	Planned new construction costs for nat resources/conservation	Numeric
138	PNC_PHY_1	Planned new construction costs for physical sci	Numeric
139	PNC_PSY_1	Planned new construction costs for psychology	Numeric
140	PNC_SOC_1	Planned new construction costs for social sci	Numeric
141	PNC_OTH_1	Planned new construction costs for other sci	Numeric
142	PNC_AG_2	Planned new NASF for agricultural sci	Numeric
143	PNC_BIO_2	Planned new NASF for biological/biomedical sci	Numeric
144	PNC_COS_2	Planned new NASF for computer sci	Numeric
145	PNC_ENG_2	Planned new NASF for engineering	Numeric
146	PNC_GEO_2	Planned new NASF for geo/atmospheric/ocean sci	Numeric
147	PNC_HLTH_2	Planned new NASF for health sci	Numeric
148	PNC_MATH_2	Planned new NASF for math	Numeric
149	PNC_NR_2	Planned new NASF for nat resources/conservation	Numeric
150	PNC_PHY_2	Planned new NASF for physical sci	Numeric
151	PNC_PSY_2	Planned new NASF for psychology	Numeric
152	PNC_SOC_2	Planned new NASF for social sci	Numeric
153	PNC_OTH_2	Planned new NASF for other sci	Numeric
154	PNC_MEDBOX	Did the institution have a medical school	Numeric
155	PNC_MED_1	Planned new construction costs for medical school	Numeric
156	PNC_MED_2	Planned new NASF for medical school	Numeric
157	DRRBOX	Did the institution have deferred R/R projects of $250,000 or more	Numeric
158	DRR_AG_1	Costs deferred R/R for agricultural sci in plan	Numeric
159	DRR_BIO_1	Costs deferred R/R for biological/biomedical sci in plan	Numeric
160	DRR_COS_1	Costs deferred R/R for computer sci in plan	Numeric
161	DRR_ENG_1	Costs deferred R/R for engineering in plan	Numeric
162	DRR_GEO_1	Costs deferred R/R for geo/atmospheric/ocean sci in plan	Numeric
163	DRR_HLTH_1	Costs deferred R/R for health sci in plan	Numeric
164	DRR_MATH_1	Costs deferred R/R for math in plan	Numeric
165	DRR_NR_1	Costs deferred R/R for nat resources/conservation in plan	Numeric
166	DRR_PHY_1	Costs deferred R/R for physical sci in plan	Numeric

#	Variable	Label	Type
167	DRR_PSY_1	Costs deferred R/R for psychology in plan	Numeric
168	DRR_SOC_1	Costs deferred R/R for social sci in plan	Numeric
169	DRR_OTH_1	Costs deferred R/R for other sci in plan	Numeric
170	DRR_AG_2	Costs deferred R/R for agricultural sci not in plan	Numeric
171	DRR_BIO_2	Costs deferred R/R for biological/biomedical sci not in plan	Numeric
172	DRR_COS_2	Costs deferred R/R for computer sci not in plan	Numeric
173	DRR_ENG_2	Costs deferred R/R for engineering not in plan	Numeric
174	DRR_GEO_2	Costs deferred R/R for geo/atmospheric/ocean sci not in plan	Numeric
175	DRR_HLTH_2	Costs deferred R/R for health sci not in plan	Numeric
176	DRR_MATH_2	Costs deferred R/R for math not in plan	Numeric
177	DRR_NR_2	Costs deferred R/R for nat resources/conservation not in plan	Numeric
178	DRR_PHY_2	Costs deferred R/R for physical sci not in plan	Numeric
179	DRR_PSY_2	Costs deferred R/R for psychology not in plan	Numeric
180	DRR_SOC_2	Costs deferred R/R for social sci not in plan	Numeric
181	DRR_OTH_2	Costs deferred R/R for other sci not in plan	Numeric
182	DRR_MEDBOX	Did the institution have a medical school	Numeric
183	DRR_MED_1	Costs deferred R/R for medical school in plan	Numeric
184	DRR_MED_2	Costs deferred R/R for medical school not in plan	Numeric
185	DNCBOX	Did the institution have deferred new construction projects of $250,000 or more	Numeric
186	DNC_AG_1	Costs deferred new construction for agricultural sci in plan	Numeric
187	DNC_BIO_1	Costs deferred new construction for biological/biomedical sci in plan	Numeric
188	DNC_COS_1	Costs deferred new construction for computer sci in plan	Numeric
189	DNC_ENG_1	Costs deferred new construction for engineering in plan	Numeric
190	DNC_GEO_1	Costs deferred new construction for geo/atmospheric/ocean sci in plan	Numeric
191	DNC_HLTH_1	Costs deferred new construction for health sci in plan	Numeric
192	DNC_MATH_1	Costs deferred new construction for math in plan	Numeric
193	DNC_NR_1	Costs deferred new construction for nat resources/conservation in plan	Numeric
194	DNC_PHY_1	Costs deferred new construction for physical sci in plan	Numeric
195	DNC_PSY_1	Costs deferred new construction for psychology in plan	Numeric
196	DNC_SOC_1	Costs deferred new construction for social sci in plan	Numeric
197	DNC_OTH_1	Costs deferred new construction for other sci in plan	Numeric

#	Variable	Label	Type
198	DNC_AG_2	Costs deferred new construction for agricultural sci not in plan	Numeric
199	DNC_BIO_2	Costs deferred new construction for biological/biomedical sci not in plan	Numeric
200	DNC_COS_2	Costs deferred new construction for computer sci not in plan	Numeric
201	DNC_ENG_2	Costs deferred new construction for engineering not in plan	Numeric
202	DNC_GEO_2	Costs deferred new construction for geo/atmospheric/ocean sci not in plan	Numeric
203	DNC_HLTH_2	Costs deferred new construction for health sci not in plan	Numeric
204	DNC_MATH_2	Costs deferred new construction for math not in plan	Numeric
205	DNC_NR_2	Costs deferred new construction for nat resources/conservation not in plan	Numeric
206	DNC_PHY_2	Costs deferred new construction for physical sci not in plan	Numeric
207	DNC_PSY_2	Costs deferred new construction for psychology not in plan	Numeric
208	DNC_SOC_2	Costs deferred new construction for social sci not in plan	Numeric
209	DNC_OTH_2	Costs deferred new construction for other sci not in plan	Numeric
210	DNC_MEDBOX	Did the institution have a medical school	Numeric
211	DNC_MED_1	Costs deferred new construction for medical school in plan	Numeric
212	DNC_MED_2	Costs deferred new construction for medical school not in plan	Numeric

Code labels FY 2023

The following codes are provided for items indicated above for FY 2023.

Variable	Code
INST_TYPE	Type of institution 1 = Academic
INST_STATE	State-institution address (the two-character state abbreviation)
HDG_CODE	Highest degree offered 1, 5 = Doctorate 2 = Master's 3 = Baccalaureate
TOC_CODE	Type of control of institution 1 = Public 2 = Private
HBCU_FLAG	Historically black college or university 0 = Not historically black college or university 1 = Historically black college or university

Variable	Code

AAMC_FLAG	Member American Association of Medical Colleges (AAMC)
	  0 = Not member of AAMC
	  1 = Member of AAMC

MED_SCHOOL_FLAG	Institution identified self as having medical school
	  0 = Does not have a medical school for this survey
	  1 = Has a medical school for this survey

EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research (EPSCoR) state
	  0 = Not in EPSCoR state
	  1 = In EPSCoR state

IDEA_FLAG	In Institutional Development Award (IDeA) Program state
	  0 = Not in IDeA Program state
	  1 = In IDeA Program state

TYPE_LAB, TYPE_LAB_SUPPORT, TYPE_INSTRUCT_LAB, TYPE_CORE_LAB, TYPE_LEASED, TYPE_OFFICES, TYPE_EQUIP, TYPE_MED_SCH, TYPE_CLIN_TRIAL	0 = No 1 = Yes 2 = Uncertain
NASF_AGX, NASF_BIOX, NASF_COSX, NASF_ENGX, NASF_GEOX, NASF_HLTHX, NASF_MATHX, NASF_NRX, NASF_PHYX, NASF_PSYX, NASF_SOCX, NASF_OTHX	0 = Has no research space in this field 1 = Has research space in this field
NASF_MEDBOX	0 = Has no medical school 1 = Has medical school
SS_AGX, SS_BIOX, SS_COSX, SS_ENGX, SS_GEOX, SS_HLTHX, SS_MATHX, SS_NRX, SS_PHYX, SS_PSYX, SS_SOCX, SS_OTHX	0 = Has no research space in this field 1 = Has research space in this field
SS_AG_1, SS_BIO_1, SS_COS_1, SS_ENG_1, SS_GEO_1, SS_HLTH_1, SS_MATH_1, SS_NR_1, SS_PHY_1, SS_PSY_1, SS_SOC_1, SS_OTH_1	0 = Space in this field is not shared with other fields 1 = Space in this field is shared with other fields
SS_AG_2, SS_BIO_2, SS_COS_2, SS_ENG_2, SS_GEO_2, SS_HLTH_2, SS_MATH_2, SS_NR_2, SS_PHY_2, SS_PSY_2, SS_SOC_2, SS_OTH_2	0 = Space in this field is not used for nonresearch purposes 1 = Space in this field is used for nonresearch purposes
RRBOX	0 = Has no repair or renovation projects 1 = Has repair or renovation projects

Variable	Code
RR_MEDBOX	0 = Has no medical school 1 = Has medical school
NCBOX	0 = Has no new construction projects 1 = Has new construction projects
PRRBOX	0 = Has no planned repair or renovation projects 1 = Has planned repair or renovation projects
PRR_MEDBOX	0 = Has no medical school 1 = Has medical school
PNCBOX	0 = Has no planned new construction projects 1 = Has planned new construction projects
PNC_MEDBOX	0 = Has no medical school 1 = Has medical school
DRRBOX	0 = Has no deferred repair or renovation projects 1 = Has deferred repair or renovation projects
DRR_MEDBOX	0 = Has no medical school 1 = Has medical school
DNCBOX	0 = Has no deferred new construction projects 1 = Has deferred new construction projects
DNC_MEDBOX	0 = Has no medical school 1 = Has medical school

Logical skip and missing variables are denoted with:
M = Item nonresponse
S = Logical skip

2.7.1.2 SAS Data File Format

SAS format follows the Excel format. See section 2.7.1.1.

2.7.1.3 CSV Data File Format

CSV format follows the Excel format. See section 2.7.1.1.

2.7.2   File Types FYs 2003–2021

2.7.2.1 Excel Data File Format

Excel data file variables and labels for data collection cycles FYs 2003–2021 are provided below. If the questionnaire and variable naming did not change over two cycles, then only one list is presented and labels have been revised to exclude the referenced specific fiscal year. Labels also may not have the exact

same wording in both years but differences are very minor. Variable naming may also not be exactly the same but only in the case used (i.e., all lowercase or all uppercase letters).

The following list identifies the data variable names and labels in the FY 2003 data file.

#	Variable	Label	Type
1	INST_ID	Institution ID number	Numeric
2	INST_NAME	Institution name used during FY2003 study	Character
3	STATE_INST	State - Institution address	Character
4	HDG_ID	Highest degree offered	Numeric
5	TOC_ID	Type of control	Numeric
6	PROG_TYPE	Program type	Numeric
7	HBCU_FLAG	Historically Black Colleges and University	Character
8	EPSCOR_FLAG	In an Experimental Program to Stimulate Competitive Research state	Character
9	IDEA_FLAG	IDEA state	Character
10	REGION	Region (4 category)	Numeric
11	BIO_KIND	Kind of biomedical institution	Numeric
12	S_STATUS_ID	Survey status	Numeric
13	L1400_tot	Total FY2002 R&D expenditures	Numeric
14	Total_number	Number of NIH FY2002 grants	Numeric
15	Total_Amount	Total amount of NIH FY2002 grants	Numeric
16	occ	OCC	Numeric
17	P1Q01A	Lab space wet or dry	Numeric
18	P1Q01B	Lab support space	Numeric
19	P1Q01C	Labs used for instruction/research	Numeric
20	P1Q01D	Core labs	Numeric
21	P1Q01E	Leased research space	Numeric
22	P1Q01F	Offices used for research activities	Numeric
23	P1Q01G	1 million $ research equipment	Numeric
24	P1Q01H	Research space in medical school	Numeric
25	P1Q02A1	NASF of agr sci labs FY2003	Numeric
26	P1Q02A2	NASF of agr sci lab support FY2003	Numeric
27	P1Q02A3	NASF of agr sci offices FY2003	Numeric
28	P1Q02A4	NASF of other agr sci research space FY2003	Numeric
29	P1Q02A5	Total NASF of agr sci space FY2003	Numeric

#	Variable	Label	Type
30	P1Q02ABX	Do not autosum agr sci	Numeric
31	P1Q02B1	NASF of bio sci labs FY2003	Numeric
32	P1Q02B2	NASF of bio sci lab support FY2003	Numeric
33	P1Q02B3	NASF of bio sci offices FY2003	Numeric
34	P1Q02B4	NASF of other bio sci research space FY2003	Numeric
35	P1Q02B5	Total NASF of bio sci space FY2003	Numeric
36	P1Q02BBX	Do not autosum bio sci	Numeric
37	P1Q02C1	NASF of computer sci labs FY2003	Numeric
38	P1Q02C2	NASF of computer sci lab support FY2003	Numeric
39	P1Q02C3	NASF of computer sci offices FY2003	Numeric
40	P1Q02C4	NASF of other computer sci research space FY2003	Numeric
41	P1Q02C5	Total NASF of computer sci space FY2003	Numeric
42	P1Q02CBX	Do not autosum computer sci	Numeric
43	P1Q02D1	NASF of earth & ocean sci labs FY2003	Numeric
44	P1Q02D2	NASF of earth & ocean sci lab support FY2003	Numeric
45	P1Q02D3	NASF of earth & ocean sci offices FY2003	Numeric
46	P1Q02D4	NASF of other earth & ocean sci research space FY2003	Numeric
47	P1Q02D5	Total NASF of earth & ocean sci space FY2003	Numeric
48	P1Q02DBX	Do not autosum earth & ocean sci	Numeric
49	P1Q02E1	NASF of engineering labs FY2003	Numeric
50	P1Q02E2	NASF of engineering lab support FY2003	Numeric
51	P1Q02E3	NASF of engineering offices FY2003	Numeric
52	P1Q02E4	NASF of other engineering research space FY2003	Numeric
53	P1Q02E5	Total NASF of engineering space FY2003	Numeric
54	P1Q02EBX	Do not autosum engineering	Numeric
55	P1Q02F1	NASF of math sci labs FY2003	Numeric
56	P1Q02F2	NASF of math sci lab support FY2003	Numeric
57	P1Q02F3	NASF of math sci offices FY2003	Numeric
58	P1Q02F4	NASF of other math sci research space FY2003	Numeric
59	P1Q02F5	Total NASF of math sci space FY2003	Numeric
60	P1Q02FBX	Do not autosum math sci	Numeric
61	P1Q02G1	NASF of medical sci labs FY2003	Numeric
62	P1Q02G2	NASF of medical sci lab support FY2003	Numeric
63	P1Q02G3	NASF of medical sci offices FY2003	Numeric

#	Variable	Label	Type
64	P1Q02G4	NASF of other medical sci research space FY2003	Numeric
65	P1Q02G5	Total NASF of medical sci space FY2003	Numeric
66	P1Q02GBX	Do not autosum medical sci	Numeric
67	P1Q02H1	NASF of physical sci labs FY2003	Numeric
68	P1Q02H2	NASF of physical sci lab support FY2003	Numeric
69	P1Q02H3	NASF of physical sci offices FY2003	Numeric
70	P1Q02H4	NASF of other physical sci research space FY2003	Numeric
71	P1Q02H5	Total NASF of physical sci space FY2003	Numeric
72	P1Q02HBX	Do not autosum physical sci	Numeric
73	P1Q02I1	NASF of psychology labs FY2003	Numeric
74	P1Q02I2	NASF of psychology lab support FY2003	Numeric
75	P1Q02I3	NASF of psychology offices FY2003	Numeric
76	P1Q02I4	NASF of other psychology research space FY2003	Numeric
77	P1Q02I5	Total NASF of psychology space FY2003	Numeric
78	P1Q02IBX	Do not autosum psychology	Numeric
79	P1Q02J1	NASF of social sci labs FY2003	Numeric
80	P1Q02J2	NASF of social sci lab support FY2003	Numeric
81	P1Q02J3	NASF of social sci offices FY2003	Numeric
82	P1Q02J4	NASF of other social sci research space FY2003	Numeric
83	P1Q02J5	Total NASF of social sci space FY2003	Numeric
84	P1Q02JBX	Do not autosum social sci	Numeric
85	P1Q02K1	NASF of other S&E labs FY2003	Numeric
86	P1Q02K2	NASF of other S&E lab support FY2003	Numeric
87	P1Q02K3	NASF of other S&E offices FY2003	Numeric
88	P1Q02K4	NASF of other S&E research space FY2003	Numeric
89	P1Q02K5	Total NASF of other S&E spaceFY2003	Numeric
90	P1Q02KBX	Do not autosum other S&E space	Numeric
91	P1Q03BX	Q3 - No medical school	Numeric
92	P1Q03	NASF in a medical school	Numeric
93	P1Q04	NASF leased for research	Numeric
94	P1Q07BX	No r/r projects exceeding $250,000 by S&E field in FY2002 or FY2003	Numeric
95	P1Q07A1	R/R completion cost for agr sci in FY2002 or FY2003	Numeric
96	P1Q07B1	R/R completion cost for bio sci in FY2002 or FY2003	Numeric

#	Variable	Label	Type
97	P1Q07C1	R/R completion cost for computer sci in FY2002 or FY2003	Numeric
98	P1Q07D1	R/R completion cost for earth & ocean in FY2002 or FY2003	Numeric
99	P1Q07E1	R/R completion cost for engineering in FY2002 or FY2003	Numeric
100	P1Q07F1	R/R completion cost for math sci in FY2002 or FY2003	Numeric
101	P1Q07G1	R/R completion cost for medical sci in FY2002 or FY2003	Numeric
102	P1Q07H1	R/R completion cost for physical sci in FY2002 or FY2003	Numeric
103	P1Q07I1	R/R completion cost for psychology in FY2002 or FY2003	Numeric
104	P1Q07J1	R/R completion cost for social sci in FY2002 or FY2003	Numeric
105	P1Q07K1	R/R completion cost for other S&E fields in FY2002 or FY2003	Numeric
106	P1Q08BX	Q8 - No medical school	Numeric
107	P1Q08	R/R completion costs for med school in FY2002 or FY2003	Numeric
108	P1Q09BX	No new construction projects exceeding $250,000 by S&E field in FY2002 or FY2003	Numeric
109	P1Q09	Number of new construction projects in FY2002 and FY2003	Numeric
110	P1Q10A1	Federal funding for r/r projects in FY2002 or FY2003	Numeric
111	P1Q10A2	Federal funding for new construction projects in FY2002 or FY2003	Numeric
112	P1Q10B1	State funding for r/r projects in FY2002 or FY2003	Numeric
113	P1Q10B2	State funding for new construction projects in FY2002 or FY2003	Numeric
114	P1Q10C1	Institutional/other funding for r/r projects in FY2002 or FY2003	Numeric
115	P1Q10C2	Institutional/other funding for new construction projects in FY2002 or FY2003	Numeric
116	P1Q10T1	Total funding for r/r projects in FY2002 or FY2003	Numeric
117	P1Q10T2	Total funding for new construction projects in FY2002 or FY2003	Numeric
118	P1Q12BX	No planned r/r projects exceeding $250,000 by S&E field in FY2004 and FY2005	Numeric
119	P1Q12A1	R/R completion costs planned for agr sci in FY2004 and FY2005	Numeric
120	P1Q12B1	R/R completion costs planned for bio sci in FY2004 and FY2005	Numeric
121	P1Q12C1	R/R completion costs planned for computer sci in FY2004 and FY2005	Numeric
122	P1Q12D1	R/R completion costs planned for earth & ocean in FY2004 and FY2005	Numeric

#	Variable	Label	Type
123	P1Q12E1	R/R completion costs planned for engineering in FY2004 and FY2005	Numeric
124	P1Q12F1	R/R completion costs planned for math sci in FY2004 and FY2005	Numeric
125	P1Q12G1	R/R completion costs planned for medical sci in FY2004 and FY2005	Numeric
126	P1Q12H1	R/R completion costs planned for physical sci in FY2004 and FY2005	Numeric
127	P1Q12I1	R/R completion costs planned for psychology in FY2004 and FY2005	Numeric
128	P1Q12J1	R/R completion costs planned for social in FY2004 and FY2005	Numeric
129	P1Q12K1	R/R completion costs planned for other S&E fields in FY2004 and FY2005	Numeric
130	P1Q13BX	Q13 - No medical school	Numeric
131	P1Q13	R/R completion costs planned for medical school in FY2004 and FY2005	Numeric
132	P1Q14BX	No planned new construction projects exceeding $250,000 by S&E field in FY2004 and FY2005	Numeric
133	P1Q14A1	New construction completion costs planned for agr sci in FY2004 or FY2005	Numeric
134	P1Q14A2	New construction NASF for agr sci in FY2004 or FY2005	Numeric
135	P1Q14B1	New construction completion costs planned for bio sci in FY2004 or FY2005	Numeric
136	P1Q14B2	New construction NASF for bio sci in FY2004 or FY2005	Numeric
137	P1Q14C1	New construction completion costs planned for computer sci in FY2004 or FY2005	Numeric
138	P1Q14C2	New construction NASF for computer sci in FY2004 or FY2005	Numeric
139	P1Q14D1	New construction completion costs planned for earth & ocean in FY2004 or FY2005	Numeric
140	P1Q14D2	New construction NASF for earth & ocean in FY2004 or FY2005	Numeric
141	P1Q14E1	New construction completion costs planned for engineering in FY2004 or FY2005	Numeric
142	P1Q14E2	New construction NASF for engineering in FY2004 or FY2005	Numeric
143	P1Q14F1	New construction completion costs planned for math sci in FY2004 or FY2005	Numeric
144	P1Q14F2	New construction NASF for math sci in FY2004 or FY2005	Numeric
145	P1Q14G1	New construction completion costs planned for medical sci in FY2004 or FY2005	Numeric
146	P1Q14G2	New construction NASF for medical sci in FY2004 or FY2005	Numeric

#	Variable	Label	Type
147	P1Q14H1	New construction completion costs planned for physical sci in FY2004 or FY2005	Numeric
148	P1Q14H2	New construction NASF for physical sci in FY2004 or FY2005	Numeric
149	P1Q14I1	New construction completion costs planned for psychology in FY2004 or FY2005	Numeric
150	P1Q14I2	New construction NASF for psychology in FY2004 or FY2005	Numeric
151	P1Q14J1	New construction completion costs planned for social sci in FY2004 or FY2005	Numeric
152	P1Q14J2	New construction NASF for social sci in FY2004 or FY2005	Numeric
153	P1Q14K1	New construction completion costs planned for other S&E fields in FY2004 or FY2005	Numeric
154	P1Q14K2	New construction NASF for other S&E fields in FY2004 or FY2005	Numeric
155	P1Q15BX	Q15 - No medical school	Numeric
156	P1Q15A1	New construction completion costs planned for medical schools in FY2004 or FY2005	Numeric
157	P1Q15A2	New construction NASF for medical school in FY2004 or FY2005	Numeric
158	P1Q16BX	No deferred r/r projects	Numeric
159	P1Q16A1	Costs of deferred r/r projects for agr sci in plan	Numeric
160	P1Q16A2	Costs of deferred r/r projects for agr sci not in plan	Numeric
161	P1Q16B1	Costs of deferred r/r projects for bio sci in plan	Numeric
162	P1Q16B2	Costs of deferred r/r projects for bio sci not in plan	Numeric
163	P1Q16C1	Costs of deferred r/r projects for computer sci in plan	Numeric
164	P1Q16C2	Costs of deferred r/r projects for computer sci not in plan	Numeric
165	P1Q16D1	Costs of deferred r/r projects for earth & ocean sci in plan	Numeric
166	P1Q16D2	Costs of deferred r/r projects for earth & ocean sci not in plan	Numeric
167	P1Q16E1	Costs of deferred r/r projects for engineering in plan	Numeric
168	P1Q16E2	Costs of deferred r/r projects for engineering not in plan	Numeric
169	P1Q16F1	Costs of deferred r/r projects for math sci in plan	Numeric
170	P1Q16F2	Costs of deferred r/r projects for math sci not in plan	Numeric
171	P1Q16G1	Costs of deferred r/r projects for medical sci in plan	Numeric
172	P1Q16G2	Costs of deferred r/r projects for medical sci not in plan	Numeric
173	P1Q16H1	Costs of deferred r/r projects for physical sci in plan	Numeric
174	P1Q16H2	Costs of deferred r/r projects for physical sci not in plan	Numeric
175	P1Q16I1	Costs of deferred r/r projects for psychology in plan	Numeric

#	Variable	Label	Type
176	P1Q16I2	Costs of deferred r/r projects for psychology not in plan	Numeric
177	P1Q16J1	Costs of deferred r/r projects for social sci in plan	Numeric
178	P1Q16J2	Costs of deferred r/r projects for social sci not in plan	Numeric
179	P1Q16K1	Costs of deferred r/r projects for other S&E fields in plan	Numeric
180	P1Q16K2	Costs of deferred r/r projects for other S&E fields not in plan	Numeric
181	P1Q17BX	Q17 - No medical school	Numeric
182	P1Q17A1	Costs of deferred r/r projects for medical schools in plan	Numeric
183	P1Q17A2	Costs of deferred r/r/ projects for medical schools not in plan	Numeric
184	P1Q18BX	No deferred new construction projects	Numeric
185	P1Q18A1	Costs of deferred new construction projects for agr sci space in plan	Numeric
186	P1Q18A2	Costs of deferred new construction projects for agr sci space not in plan	Numeric
187	P1Q18B1	Costs of deferred new construction projects for bio sci space in plan	Numeric
188	P1Q18B2	Costs of deferred new construction projects for bio sci space not in plan	Numeric
189	P1Q18C1	Costs of deferred new construction projects for computer sci space in plan	Numeric
190	P1Q18C2	Costs of deferred new construction projects for computer sci space not in plan	Numeric
191	P1Q18D1	Costs of deferred new construction projects for earth & ocean space in plan	Numeric
192	P1Q18D2	Costs of deferred new construction projects for earth & ocean space not in plan	Numeric
193	P1Q18E1	Costs of deferred new construction projects for engineering space in plan	Numeric
194	P1Q18E2	Costs of deferred new construction projects for engineering space not in plan	Numeric
195	P1Q18F1	Costs of deferred new construction projects for math sci space in plan	Numeric
196	P1Q18F2	Costs of deferred new construction projects for math sci space not in plan	Numeric
197	P1Q18G1	Costs of deferred new construction projects for medical sci space in plan	Numeric
198	P1Q18G2	Costs of deferred new construction projects for medical sci space not in plan	Numeric
199	P1Q18H1	Costs of deferred new construction projects for physical sci space in plan	Numeric
200	P1Q18H2	Costs of deferred new construction projects for physical sci space not in plan	Numeric

#	Variable	Label	Type
201	P1Q18I1	Costs of deferred new construction projects for psychology space in plan	Numeric
202	P1Q18I2	Costs of deferred new construction projects for psychology space not in plan	Numeric
203	P1Q18J1	Costs of deferred new construction projects for social sci space in plan	Numeric
204	P1Q18J2	Costs of deferred new construction projects for social sci space not in plan	Numeric
205	P1Q18K1	Costs of deferred new construction projects for other S&E fields in plan	Numeric
206	P1Q18K2	Costs of deferred new construction projects for other S&E fields not in plan	Numeric
207	P1Q19BX	Q19 - No medical school	Numeric
208	P1Q19A1	Costs of deferred new construction projects for medical schools in plan	Numeric
209	P1Q19A2	Costs of deferred new construction projects for medical schools not in plan	Numeric

Code labels FY 2003

The following codes are provided for items indicated above for FY 2003.

Variable	Code
STATE_INST	State – institution address (the two-character state abbreviation)
HDG_ID	Highest degree offered 1 = Doctorate 2 = Master's 3 = Baccalaureate Blank = Not applicable (only available for academic institutions)
TOC_ID	Type of control of institution 1 = Public 2 = Private Blank = Not applicable (only available for academic institutions)
PROG_TYPE	Type of institution 1 = academic 2 = biomedical
HBCU_FLAG	Historically black college or university 0 = Not historically black college or university 1 = Historically black college or university
EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research (EPSCoR) state 0 = Not in EPSCoR state 1 = In EPSCoR

Variable	Code

IDEA_FLAG	In Institutional Development Award (IDeA) Program state
	  0 = Not in (IDeA) Program state
	  1 = In (IDeA) Program state

REGION	Region
	  1 = Northeast
	  2 = Midwest
	  3 = South
	  4 = West
	  5 = Outlying area

BIO_KIND	Kind of biomedical institution
	  20 = Research
	  30 = Hospital
	  50 = Research

S_STATUS_ID	Survey Status
	  1 = Complete by web
	  2 = Complete by mail
	8, 11 = Nonrespondent

occ	NIH control code (for biomedical institutions)
	  11 = Independent, private nonprofit
	  3 = State government
	  4 = Local government

P1Q01A, P1Q01B, P1Q01C, P1Q01D, P1Q01E, P1Q01F, P1Q01G, P1Q01H	0 = No 1 = Yes 2 = Uncertain
P1Q02ABX, P1Q02BBX, P1Q02CBX, P1Q02DBX, P1Q02EBX, P1Q02FBX, P1Q02GBX, P1Q02HBX, P1Q02IBX, P1Q02JBX, P1Q02KBX	0 = Unchecked 1 = Checked
P1Q03BX	0 = Unchecked (has medical school) 1 = Checked (has no medical school)
P1Q07BX	0 = Unchecked (has repair or renovation projects) 1 = Checked (has no repair or renovation projects)
P1Q08BX	0 = Unchecked (has medical school) 1 = Checked (has no medical school)
P1Q09BX	0 = Unchecked (has new construction projects) 1 = Checked (has no new construction projects)
P1Q12BX	0 = Unchecked (has no planned repair or renovation projects) 1 = Checked (has planned repair or renovation projects)

Variable	Code
P1Q13BX	0 = Unchecked (has medical school) 1 = Checked (has no medical school)
P1Q14BX	0 = Unchecked (has planned new construction projects) 1 = Checked (has no planned new construction projects)
P1Q15BX	0 = Unchecked (has medical school) 1 = Checked (has no medical school)
P1Q16BX	0 = Unchecked (has deferred repair or renovation projects) 1 = Checked (has no deferred repair or renovation projects)
P1Q17BX	0 = Unchecked (has medical school) 1 = Checked (has no medical school)
P1Q18BX	0 = Unchecked (has deferred new construction projects) 1 = Checked (has no deferred new construction projects)
P1Q19BX	0 = Unchecked (has medical school) 1 = Checked (has no medical school)

Logical skip and missing variables are denoted with:
M = Unit/item nonresponse
S = Logical skip

The following list identifies the data variable names and labels in the FY 2005 data file.

#	Variable	Label	Type
1	INST_ID	Institution ID number	Character
2	INST_NAME	Institution name used during FY2005 study	Character
3	STATE_INST	State - Institution address	Character
4	HDG_ID	Highest degree offered	Numeric
5	TOC_ID	Type of control	Numeric
6	PROG_TYPE	Program type	Numeric
7	HBCU_FLAG	Historically Black Colleges and University	Character
8	EPSCOR_FLAG	In an Experimental Program to Stimulate Competitive Research state	Character
9	IDEA_FLAG	IDEA state	Character
10	REGION	Region (4 category)	Numeric
11	BIO_KIND	Kind of biomedical institution	Numeric
12	S_STATUS_ID	Survey status	Numeric
13	L1400_tot	Total FY2004 R&D expenditures	Numeric

#	Variable	Label	Type
14	Total_number	Number of NIH FY2004 grants	Numeric
15	Total_Amount	Total amount of NIH FY2004 grants	Numeric
16	occ	OCC	Character
17	P1Q1A	Lab space wet or dry	Numeric
18	P1Q1B	Lab support space	Numeric
19	P1Q1C	Labs used for instruction/research	Numeric
20	P1Q1D	Core labs	Numeric
21	P1Q1E	Leased research space	Numeric
22	P1Q1F	Offices used for research activities	Numeric
23	P1Q1G	1 million $ research equipment	Numeric
24	P1Q1H	Research space in medical school	Numeric
25	P1Q1J	Space for clinical trials	Numeric
26	P1Q2AGS	Total NASF of agr sci space FY2005	Numeric
27	P1Q2BIO	Total NASF of bio sci space FY2005	Numeric
28	P1Q2COS	Total NASF of computer sci space FY2005	Numeric
29	P1Q2ENS	Total NASF of earth & ocean sci space FY2005	Numeric
30	P1Q2ENG	Total NASF of engineering space FY2005	Numeric
31	P1Q2MAT	Total NASF of math sci space FY2005	Numeric
32	P1Q2MED	Total NASF of medical sci space FY2005	Numeric
33	P1Q2PHS	Total NASF of physical sci space FY2005	Numeric
34	P1Q2PSY	Total NASF of psychology space FY2005	Numeric
35	P1Q2SOS	Total NASF of social sci space FY2005	Numeric
36	P1Q2OS	Total NASF of other S&E space FY2005	Numeric
37	P1Q4	Clinical trial research NASF	Numeric
38	P1Q5	NASF leased for research	Numeric
39	P1Q6BX	Q6 - No medical school	Numeric
40	P1Q6	NASF in a medical school	Numeric
41	P1Q10BX	No r/r projects exceeding $250,000 by S&E field in FY2004 or FY2005	Numeric
42	P1Q10AGS	R/R completion cost for agr sci in FY2004 or FY2005	Numeric
43	P1Q10BIO	R/R completion cost for bio sci in FY2004 or FY2005	Numeric
44	P1Q10COS	R/R completion cost for computer sci in FY2004 or FY2005	Numeric
45	P1Q10ENS	R/R completion cost for earth & ocean sci in FY2004 or FY2005	Numeric
46	P1Q10ENG	R/R completion cost for engineering in FY2004 or FY2005	Numeric

#	Variable	Label	Type
47	P1Q10MAT	R/R completion cost for math sci in FY2004 or FY2005	Numeric
48	P1Q10MED	R/R completion cost for medical sci in FY2004 or FY2005	Numeric
49	P1Q10PHS	R/R completion cost for physical sci in FY2004 or FY2005	Numeric
50	P1Q10PSY	R/R completion cost for psychology in FY2004 or FY2005	Numeric
51	P1Q10SOS	R/R completion cost for social sci in FY2004 or FY2005	Numeric
52	P1Q10OS	R/R completion cost for other S&E fields in FY2004 or FY2005	Numeric
53	P1Q12BX	Q12 - No medical school	Numeric
54	P1Q12	R/R completion costs for med school in FY2004 or FY2005	Numeric
55	P1Q13BX	No new construction projects exceeding $250,000 for any S&E field in FY2004 or FY2005	Numeric
56	P1Q13	Number of new construction projects in FY2004 and FY2005	Numeric
57	P1Q14FED1	Federal funding for r/r projects in FY2004 or FY2005	Numeric
58	P1Q14FED2	Federal funding for new construction projects in FY2004 or FY2005	Numeric
59	P1Q14STA1	State funding for r/r projects in FY2004 or FY2005	Numeric
60	P1Q14STA2	State funding for new construction projects in FY2004 or FY2005	Numeric
61	P1Q14OS1	Institutional/other funding for r/r projects in FY2004 or FY2005	Numeric
62	P1Q14OS2	Institutional/other funding for new construction projects in FY2004 or FY2005	Numeric
63	P1Q14T1	Total funding for r/r projects in FY2004 or FY2005	Numeric
64	P1Q14T2	Total funding for new construction projects in FY2004 or FY2005	Numeric
65	P1Q15BX	No planned r/r projects exceeding $250,000 by S&E field in FY2006 and FY2007	Numeric
66	P1Q15AGS	R/R completion costs planned for agr sci in FY2006 and FY2007	Numeric
67	P1Q15BIO	R/R completion costs planned for bio sci in FY2006 and FY2007	Numeric
68	P1Q15COS	R/R completion costs planned for computer sci in FY2006 and FY2007	Numeric
69	P1Q15ENS	R/R completion costs planned for earth & ocean sci in FY2006 and FY2007	Numeric
70	P1Q15ENG	R/R completion costs planned for engineering in FY2006 and FY2007	Numeric
71	P1Q15MAT	R/R completion costs planned for math sci in FY2006 and FY2007	Numeric
72	P1Q15MED	R/R completion costs planned for medical sci in FY2006 and FY2007	Numeric

#	Variable	Label	Type
73	P1Q15PHS	R/R completion costs planned for physical sci in FY2006 and FY2007	Numeric
74	P1Q15PSY	R/R completion costs planned for psychology in FY2006 and FY2007	Numeric
75	P1Q15SOS	R/R completion costs planned for social sci in FY2006 and FY2007	Numeric
76	P1Q15OS	R/R completion costs planned for other S&E fields in FY2006 and FY2007	Numeric
77	P1Q17BX	Q17 - No medical school	Numeric
78	P1Q17	R/R completion costs planned for medical school in FY2006 and FY2007	Numeric
79	P1Q18BX	No planned new construction projects exceeding $250,000 by S&E field in FY2006 and FY2007	Numeric
80	P1Q18AGS1	New construction completion costs planned for agr sci in FY2006 or FY2007	Numeric
81	P1Q18AGS2	New construction NASF for agr sci in FY2006 or FY2007	Numeric
82	P1Q18BIO1	New construction completion costs planned for bio sci in FY2006 or FY2007	Numeric
83	P1Q18BIO2	New construction NASF for bio sci in FY2006 or FY2007	Numeric
84	P1Q18COS1	New construction completion costs planned for computer sci in FY2006 or FY2007	Numeric
85	P1Q18COS2	New construction NASF for computer sci in FY2006 or FY2007	Numeric
86	P1Q18ENS1	New construction completion costs planned for earth & ocean sci in FY2006 or FY2007	Numeric
87	P1Q18ENS2	New construction NASF for earth & ocean sci in FY2006 or FY2007	Numeric
88	P1Q18ENG1	New construction completion costs planned for engineering in FY2006 or FY2007	Numeric
89	P1Q18ENG2	New construction NASF for engineering in FY2006 or FY2007	Numeric
90	P1Q18MAT1	New construction completion costs planned for math sci in FY2006 or FY2007	Numeric
91	P1Q18MAT2	New construction NASF for math sci in FY2006 or FY2007	Numeric
92	P1Q18MED1	New construction completion costs planned for medical sci in FY2006 or FY2007	Numeric
93	P1Q18MED2	New construction NASF for medical sci in FY2006 or FY2007	Numeric
94	P1Q18PHS1	New construction completion costs planned for physical sci in FY2006 or FY2007	Numeric
95	P1Q18PHS2	New construction NASF for physical sci in FY2006 or FY2007	Numeric
96	P1Q18PSY1	New construction completion costs planned for psychology in FY2006 or FY2007	Numeric
97	P1Q18PSY2	New construction NASF for psychology in FY2006 or FY2007	Numeric

#	Variable	Label	Type
98	P1Q18SOS1	New construction completion costs planned for social sci in FY2006 or FY2007	Numeric
99	P1Q18SOS2	New construction NASF for social sci in FY2006 or FY2007	Numeric
100	P1Q18OS1	New construction completion costs planned for other S&E fields in FY2006 or FY2007	Numeric
101	P1Q18OS2	New construction NASF for other S&E fields in FY2006 or FY2007	Numeric
102	P1Q20BX	Q20 - No medical school	Numeric
103	P1Q20_1	New construction completion costs planned for medical schools in FY2006 or FY2007	Numeric
104	P1Q20_2	New construction NASF for medical school in FY2006 or FY2007	Numeric
105	P1Q21BX	No deferred r/r projects	Numeric
106	P1Q21AGS1	Costs of deferred r/r projects for agr sci in plan	Numeric
107	P1Q21AGS2	Costs of deferred r/r projects for agr sci not in plan	Numeric
108	P1Q21BIO1	Costs of deferred r/r projects for bio sci in plan	Numeric
109	P1Q21BIO2	Costs of deferred r/r projects for bio sci not in plan	Numeric
110	P1Q21COS1	Costs of deferred r/r projects for computer sci in plan	Numeric
111	P1Q21COS2	Costs of deferred r/r projects for computer sci not in plan	Numeric
112	P1Q21ENS1	Costs of deferred r/r projects for earth & ocean sci in plan	Numeric
113	P1Q21ENS2	Costs of deferred r/r projects for earth & ocean sci not in plan	Numeric
114	P1Q21ENG1	Costs of deferred r/r projects for engineering in plan	Numeric
115	P1Q21ENG2	Costs of deferred r/r projects for engineering not in plan	Numeric
116	P1Q21MAT1	Costs of deferred r/r projects for math sci in plan	Numeric
117	P1Q21MAT2	Costs of deferred r/r projects for math sci not in plan	Numeric
118	P1Q21MED1	Costs of deferred r/r projects for medical sci in plan	Numeric
119	P1Q21MED2	Costs of deferred r/r projects for medical sci not in plan	Numeric
120	P1Q21PHS1	Costs of deferred r/r projects for physical sci in plan	Numeric
121	P1Q21PHS2	Costs of deferred r/r projects for physical sci not in plan	Numeric
122	P1Q21PSY1	Costs of deferred r/r projects for psychology in plan	Numeric
123	P1Q21PSY2	Costs of deferred r/r projects for psychology not in plan	Numeric
124	P1Q21SOS1	Costs of deferred r/r projects for social sci in plan	Numeric
125	P1Q21SOS2	Costs of deferred r/r projects for social sci not in plan	Numeric
126	P1Q21OS1	Costs of deferred r/r projects for other S&E fields in plan	Numeric
127	P1Q21OS2	Costs of deferred r/r projects for other S&E fields not in plan	Numeric
128	P1Q23BX	Q23 - No medical school	Numeric

#	Variable	Label	Type
129	P1Q23_1	Costs of deferred r/r projects for medical schools in plan	Numeric
130	P1Q23_2	Costs of deferred r/r/ projects for medical schools not in plan	Numeric
131	P1Q24BX	No deferred new construction projects	Numeric
132	P1Q24AGS1	Costs of deferred new construction projects for agr sci space in plan	Numeric
133	P1Q24AGS2	Costs of deferred new construction projects for agr sci space not in plan	Numeric
134	P1Q24BIO1	Costs of deferred new construction projects for bio sci space in plan	Numeric
135	P1Q24BIO2	Costs of deferred new construction projects for bio sci space not in plan	Numeric
136	P1Q24COS1	Costs of deferred new construction projects for computer sci space in plan	Numeric
137	P1Q24COS2	Costs of deferred new construction projects for computer sci space not in plan	Numeric
138	P1Q24ENS1	Costs of deferred new construction projects for earth & ocean space in plan	Numeric
139	P1Q24ENS2	Costs of deferred new construction projects for earth & ocean space not in plan	Numeric
140	P1Q24ENG1	Costs of deferred new construction projects for engineering space in plan	Numeric
141	P1Q24ENG2	Costs of deferred new construction projects for engineering space not in plan	Numeric
142	P1Q24MAT1	Costs of deferred new construction projects for math sci space in plan	Numeric
143	P1Q24MAT2	Costs of deferred new construction projects for math sci space not in plan	Numeric
144	P1Q24MED1	Costs of deferred new construction projects for medical sci space in plan	Numeric
145	P1Q24MED2	Costs of deferred new construction projects for medical sci space not in plan	Numeric
146	P1Q24PHS1	Costs of deferred new construction projects for physical sci space in plan	Numeric
147	P1Q24PHS2	Costs of deferred new construction projects for physical sci space not in plan	Numeric
148	P1Q24PSY1	Costs of deferred new construction projects for psychology space in plan	Numeric
149	P1Q24PSY2	Costs of deferred new construction projects for psychology space not in plan	Numeric
150	P1Q24SOS1	Costs of deferred new construction projects for social sci space in plan	Numeric
151	P1Q24SOS2	Costs of deferred new construction projects for social sci space not in plan	Numeric

#	Variable	Label	Type
152	P1Q24OS1	Costs of deferred new construction projects for other S&E fields in plan	Numeric
153	P1Q24OS2	Costs of deferred new construction projects for other S&E fields not in plan	Numeric
154	P1Q26BX	Q26 - No medical school	Numeric
155	P1Q26_1	Costs of deferred new construction projects for medical schools in plan	Numeric
156	P1Q26_2	Costs of deferred new construction projects for medical schools not in plan	Numeric

Code labels FY 2005

The following codes are provided for items indicated above for FY 2005.

Variable	Code
STATE_INST	State – institution address (the two-character state abbreviation)
HDG_ID	Highest degree offered 　　1 = Doctorate 　　2 = Master's 　　3 = Baccalaureate 　Blank = Not applicable (only available for academic institutions)
TOC_ID	Type of control of institution 　　1 = Public 　　2 = Private 　Blank = Not applicable (only available for academic institutions)
PROG_TYPE	Type of institution 　　1 = Academic 　　2 = Biomedical
HBCU_FLAG	Historically black college or university 　　0 = Not historically black college or university 　　1 = Historically black college or university
EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research (EPSCoR) state 　　0 = Not in EPSCoR state 　　1 = In EPSCoR
IDEA_FLAG	In Institutional Development Award (IDeA) Program state 　　0 = Not in IDeA Program state 　　1 = In IDeA Program state

Variable	Code

REGION	Region
	    1 = Northeast
	    2 = Midwest
	    3 = South
	    4 = West
	    5 = Outlying areas

BIO_KIND	Kind of biomedical institution
	    0 = Research
	    1 = Hospital

S_STATUS_ID	Survey Status
	    1 = Complete by web
	    2 = Complete by mail
	  9, 12 = Nonrespondent

occ	NIH control code (for biomedical institutions)
	    0 = Public nonprofit
	    1 = Private nonprofit

P1Q1A, P1Q1B, P1Q1C, P1Q1D, P1Q1E, P1Q1F, P1Q1G, P1Q1H, P1Q1J	0 = No 1 = Yes 2 = Uncertain
P1Q6BX	0 = Not checked (has medical school) 1 = Checked (has no medical school)
P1Q10BX	0 = Not checked (has repair or renovation projects) 1 = Checked (has no repair or renovation projects)
P1Q12BX	0 = Not checked (has medical school) 1 = Checked (has no medical school)
P1Q13BX	0 = Not checked (had new construction projects) 1 = Checked (had no new construction projects)
P1Q15BX	0 = Not checked (had planned repair or renovation projects) 1 = Checked (had no planned repair or renovation projects)
P1Q17BX	0 = Not checked (has medical school) 1 = Checked (has no medical school)
P1Q18BX	0 = Not checked (had planned new construction projects) 1 = Checked (had no planned new construction projects)
P1Q20BX	0 = Not checked (has medical school) 1 = Checked (has no medical school)
P1Q21BX	0 = Not checked (had deferred repair or renovation projects) 1 = Checked (had no deferred repair or renovation projects)

Variable	Code
P1Q23BX	0 = Not checked (has medical school) 1 = Checked (has no medical school)
P1Q24BX	0 = Not checked (had deferred new construction projects) 1 = Checked (had no deferred new construction projects)
P1Q26BX	0 = Not checked (has medical school) 1 = Checked (has no medical school)

Logical skip and missing variables are denoted with:
M = Item nonresponse
S = Logical skip
Blank = Unit nonresponse

The following list identifies the data variable names and labels in the FY 2007 and FY 2009 data files.

#	Variable	Label	Type
1	YEAR	Survey year	Character
2	INST_ID	Institution ID number for [fiscal year]	Numeric
3	INST_NAME	Institution name used for [fiscal year]	Character
4	submission_flag	Respondent	Character
5	fice	Institution FICE code	Character
6	inst_type	Type of institution	Numeric
7	biomed_type_code	Type of biomedical institution	Numeric
8	inst_state	State-institution address	Character
9	hdg_code	Highest degree offered	Character
10	toc_code	Type of control of institution	Character
11	HBCU_FLAG	Historically black college or university	Character
12	AAMC_FLAG	Member American Association of Medical Colleges	Character
13	AACOM_flag	Member American Association of Colleges of Osteopathic Medicine	Character
14	med_school_flag	Institution identified self as having medical school	Character
15	epscor_flag	In Experimental Program to Stimulate Competitive Research state	Character
16	idea_flag	In Institutional Development Award Program state	Character
17	region	Geographical region	Numeric
18	exp_tot_[fiscal year]	Total R&D expenditures reported [fiscal year]	Numeric
19	biomed_tot	Total amount of NIH grants reported [fiscal year]	Numeric
20	P1Q1A	Type of S&E research space-lab wet/dry	Numeric

#	Variable	Label	Type
21	P1Q1B	Type of S&E research space-lab support	Numeric
22	P1Q1C	Type of S&E research space-instructional lab	Numeric
23	P1Q1D	Type of S&E research space-core lab	Numeric
24	P1Q1E	Type of S&E research space-leased lab	Numeric
25	P1Q1F	Type of S&E research space-offices	Numeric
26	P1Q1G	Type of S&E research space-nonfixed equipment 1 million $	Numeric
27	P1Q1H	Type of S&E research space-in medical school	Numeric
28	P1Q1J	Type of S&E research space-clinical trial	Numeric
29	P1Q2AGRX	Q2 Did the institution have agricultural sci research space at the end of [fiscal year]	Numeric
30	P1Q2AGR	Total NASF of agricultural sci space [fiscal year]	Numeric
31	P1Q2BIOX	Q2 Did the institution have biological/biomedical sci research space at the end of [fiscal year]	Numeric
32	P1Q2BIO	Total NASF of biological/biomedical sci space [fiscal year]	Numeric
33	P1Q2COSX	Q2 Did the institution have computer sci research space at the end of [fiscal year]	Numeric
34	P1Q2COS	Total NASF of computer sci space [fiscal year]	Numeric
35	P1Q2ENGX	Q2 Did the institution have engineering research space at the end of [fiscal year]	Numeric
36	P1Q2ENG	Total NASF of engineering space [fiscal year]	Numeric
37	P1Q2HLTHX	Q2 Did the institution have health/clinical sci research space at the end of [fiscal year]	Numeric
38	P1Q2HLTH	Total NASF of health/clinical sci space [fiscal year]	Numeric
39	P1Q2MATHX	Q2 Did the institution have math research space at the end of [fiscal year]	Numeric
40	P1Q2MATH	Total NASF of math space [fiscal year]	Numeric
41	P1Q2PHY1X	Q2 Did the institution have group 1 physical sci research space at the end of [fiscal year]	Numeric
42	P1Q2PHY1	Total NASF of group 1 physical sci space [fiscal year]	Numeric
43	P1Q2PHY2X	Q2 Did the institution have group 2 physical sci research space at the end of [fiscal year]	Numeric
44	P1Q2PHY2	Total NASF of group 2 physical sci space [fiscal year]	Numeric
45	P1Q2PSYX	Q2 Did the institution have psychology research space at the end of [fiscal year]	Numeric
46	P1Q2PSY	Total NASF of psychology space [fiscal year]	Numeric
47	P1Q2SOCX	Q2 Did the institution have social sci research space at the end of [fiscal year]	Numeric
48	P1Q2SOC	Total NASF of social sci space [fiscal year]	Numeric

#	Variable	Label	Type
49	P1Q2OTHX	Q2 Did the institution have other sci research space at the end of [fiscal year]	Numeric
50	P1Q2OTH	Total NASF of other sci space [fiscal year]	Numeric
51	P1Q4	Total NASF for clinical research	Numeric
52	P1Q5Box	Q5 Did the institution have a medical school	Numeric
53	P1Q5	Total NASF in a medical school	Numeric
54	P1Q9Box	Did the institution have R/R projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
55	P1Q9AGR	R/R completion costs for agricultural sci in [fiscal year] and [fiscal year]	Numeric
56	P1Q9BIO	R/R completion costs for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
57	P1Q9COS	R/R completion costs for computer sci in [fiscal year] and [fiscal year]	Numeric
58	P1Q9ENG	R/R completion costs for engineering in [fiscal year] and [fiscal year]	Numeric
59	P1Q9HLTH	R/R completion costs for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
60	P1Q9MATH	R/R completion costs for math in [fiscal year] and [fiscal year]	Numeric
61	P1Q9PHY1	R/R completion costs for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
62	P1Q9PHY2	R/R completion costs for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
63	P1Q9PSY	R/R completion costs for psychology in [fiscal year] and [fiscal year]	Numeric
64	P1Q9SOC	R/R completion costs for social sci in [fiscal year] and [fiscal year]	Numeric
65	P1Q9OTH	R/R completion costs for other sci in [fiscal year] and [fiscal year]	Numeric
66	P1Q11Box	Q11 Did the institution have a medical school	Numeric
67	P1Q11	R/R completion costs for medical school in [fiscal year] and [fiscal year]	Numeric
68	P1Q12Box	Did the institution have new construction projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
69	P1Q12	Number of new construction projects	Numeric
70	P1Q13A1	R/R funded by federal govt in [fiscal year] and [fiscal year]	Numeric
71	P1Q13B1	R/R funded by state/local govt in [fiscal year] and [fiscal year]	Numeric
72	P1Q13C1	R/R funded by other sources in [fiscal year] and [fiscal year]	Numeric
73	P1Q13TOT1	Total R/R funded in [fiscal year] and [fiscal year]	Numeric
74	P1Q13A2	New Construction funded by federal govt in [fiscal year] and [fiscal year]	Numeric

#	Variable	Label	Type
75	P1Q13B2	New Construction funded by state/local govt in [fiscal year] and [fiscal year]	Numeric
76	P1Q13C2	New Construction funded by other sources in [fiscal year] and [fiscal year]	Numeric
77	P1Q13TOT2	Total new Construction funded in [fiscal year] and [fiscal year]	Numeric
78	P1Q14Box	Did the institution have planned R/R projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
79	P1Q14AGR	R/R completion costs planned for agricultural sci in [fiscal year] and [fiscal year]	Numeric
80	P1Q14BIO	R/R completion costs planned biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
81	P1Q14COS	R/R completion costs planned for computer sci in [fiscal year] and [fiscal year]	Numeric
82	P1Q14ENG	R/R completion costs planned for engineering in [fiscal year] and [fiscal year]	Numeric
83	P1Q14HLTH	R/R completion costs planned for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
84	P1Q14MATH	R/R completion costs planned for math in [fiscal year] and [fiscal year]	Numeric
85	P1Q14PHY1	R/R completion costs planned for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
86	P1Q14PHY2	R/R completion costs planned for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
87	P1Q14PSY	R/R completion costs planned for psychology in [fiscal year] and [fiscal year]	Numeric
88	P1Q14SOC	R/R completion costs planned for social sci in [fiscal year] and [fiscal year]	Numeric
89	P1Q14OTH	R/R completion costs planned for other sci in [fiscal year] and [fiscal year]	Numeric
90	P1Q16Box	Q16 Did the institution have a medical school	Numeric
91	P1Q16	R/R completion costs planned for medical school in [fiscal year] and [fiscal year]	Numeric
92	P1Q17Box	Did the institution have planned new construction projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
93	P1Q17AGR_1	Planned new construction costs for agricultural sci in [fiscal year] and [fiscal year]	Numeric
94	P1Q17BIO_1	Planned new construction costs for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
95	P1Q17COS_1	Planned new construction costs for computer sci in [fiscal year] and [fiscal year]	Numeric
96	P1Q17ENG_1	Planned new construction costs for engineering in [fiscal year] and [fiscal year]	Numeric
97	P1Q17HLTH_1	Planned new construction costs for health/clinical sci in [fiscal year] and [fiscal year]	Numeric

#	Variable	Label	Type
98	P1Q17MATH_1	Planned new construction costs for math in [fiscal year] and [fiscal year]	Numeric
99	P1Q17PHY1_1	Planned new construction costs for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
100	P1Q17PHY2_1	Planned new construction costs for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
101	P1Q17PSY_1	Planned new construction costs for psychology in [fiscal year] and [fiscal year]	Numeric
102	P1Q17SOC_1	Planned new construction costs for social sci in [fiscal year] and [fiscal year]	Numeric
103	P1Q17OTH_1	Planned new construction costs for other sci in [fiscal year] and [fiscal year]	Numeric
104	P1Q17AGR_2	Planned new NASF for agricultural sci in [fiscal year] and [fiscal year]	Numeric
105	P1Q17BIO_2	Planned new NASF for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
106	P1Q17COS_2	Planned new NASF for computer sci in [fiscal year] and [fiscal year]	Numeric
107	P1Q17ENG_2	Planned new NASF for engineering in [fiscal year] and [fiscal year]	Numeric
108	P1Q17HLTH_2	Planned new NASF for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
109	P1Q17MATH_2	Planned new NASF for math in [fiscal year] and [fiscal year]	Numeric
110	P1Q17PHY1_2	Planned new NASF for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
111	P1Q17PHY2_2	Planned new NASF for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
112	P1Q17PSY_2	Planned new NASF for psychology in [fiscal year] and [fiscal year]	Numeric
113	P1Q17SOC_2	Planned new NASF for social sci in [fiscal year] and [fiscal year]	Numeric
114	P1Q17OTH_2	Planned new NASF for other sci in [fiscal year] and [fiscal year]	Numeric
115	P1Q19Box	Q19 Did the institution have a medical school	Numeric
116	P1Q19A	Planned new construction costs for medical school in [fiscal year] and [fiscal year]	Numeric
117	P1Q19B	Planned new NASF for medical school in [fiscal year] and [fiscal year]	Numeric
118	P1Q20Box	Did the institution have deferred R/R projects of $250,000 or more	Numeric
119	P1q20AGR_1	Costs deferred R/R for agricultural sci in plan	Numeric
120	P1q20BIO_1	Costs deferred R/R for biological/biomedical sci in plan	Numeric
121	P1q20COS_1	Costs deferred R/R for computer sci in plan	Numeric

#	Variable	Label	Type
122	P1q20ENG_1	Costs deferred R/R for engineering in plan	Numeric
123	P1q20HLTH_1	Costs deferred R/R for health/clinical sci in plan	Numeric
124	P1q20MATH_1	Costs deferred R/R for math in plan	Numeric
125	P1q20PHY1_1	Costs deferred R/R for group 1 physical sci in plan	Numeric
126	P1q20PHY2_1	Costs deferred R/R for group 2 physical sci in plan	Numeric
127	P1q20PSY_1	Costs deferred R/R for psychology in plan	Numeric
128	P1q20SOC_1	Costs deferred R/R for social sci in plan	Numeric
129	P1q20OTH_1	Costs deferred R/R for other sci in plan	Numeric
130	P1q20AGR_2	Costs deferred R/R for agricultural sci not in plan	Numeric
131	P1q20BIO_2	Costs deferred R/R for biological/biomedical sci not in plan	Numeric
132	P1q20COS_2	Costs deferred R/R for computer sci not in plan	Numeric
133	P1q20ENG_2	Costs deferred R/R for engineering not in plan	Numeric
134	P1q20HLTH_2	Costs deferred R/R for health/clinical sci not in plan	Numeric
135	P1q20MATH_2	Costs deferred R/R for math not in plan	Numeric
136	P1q20PHY1_2	Costs deferred R/R for group 1 physical sci not in plan	Numeric
137	P1q20PHY2_2	Costs deferred R/R for group 2 physical sci not in plan	Numeric
138	P1q20PSY_2	Costs deferred R/R for psychology not in plan	Numeric
139	P1q20SOC_2	Costs deferred R/R for social sci not in plan	Numeric
140	P1q20OTH_2	Costs deferred R/R for other sci not in plan	Numeric
141	P1Q22Box	Q22 Did the institution have a medical school	Numeric
142	P1Q22A	Costs deferred R/R for medical school in plan	Numeric
143	P1Q22B	Costs deferred R/R for medical school not in plan	Numeric
144	P1Q23Box	Did the institution have deferred new construction projects of $250,000 or more	Numeric
145	P1Q23AGR_1	Costs deferred new construction for agricultural sci in plan	Numeric
146	P1Q23BIO_1	Costs deferred new construction for biological/biomedical sci in plan	Numeric
147	P1Q23COS_1	Costs deferred new construction for computer sci in plan	Numeric
148	P1Q23ENG_1	Costs deferred new construction for engineering in plan	Numeric
149	P1Q23HLTH_1	Costs deferred new construction for health/clinical sci in plan	Numeric
150	P1Q23MATH_1	Costs deferred new construction for math in plan	Numeric
151	P1Q23PHY1_1	Costs deferred new construction for group 1 physical sci in plan	Numeric
152	P1Q23PHY2_1	Costs deferred new construction for group 2 physical sci in plan	Numeric

#	Variable	Label	Type
153	P1Q23PSY_1	Costs deferred new construction for psychology in plan	Numeric
154	P1Q23SOC_1	Costs deferred new construction for social sci in plan	Numeric
155	P1Q23OTH_1	Costs deferred new construction for other sci in plan	Numeric
156	P1Q23AGR_2	Costs deferred new construction for agricultural sci not in plan	Numeric
157	P1Q23BIO_2	Costs deferred new construction for biological/biomedical sci not in plan	Numeric
158	P1Q23COS_2	Costs deferred new construction for computer sci not in plan	Numeric
159	P1Q23ENG_2	Costs deferred new construction for engineering not in plan	Numeric
160	P1Q23HLTH_2	Costs deferred new construction for health/clinical sci not in plan	Numeric
161	P1Q23MATH_2	Costs deferred new construction for math not in plan	Numeric
162	P1Q23PHY1_2	Costs deferred new construction for group 1 physical sci not in plan	Numeric
163	P1Q23PHY2_2	Costs deferred new construction for group 2 physical sci not in plan	Numeric
164	P1Q23PSY_2	Costs deferred new construction for psychology not in plan	Numeric
165	P1Q23SOC_2	Costs deferred new construction for social sci not in plan	Numeric
166	P1Q23OTH_2	Costs deferred new construction for other sci not in plan	Numeric
167	P1Q25Box	Q25 Did the institution have medical school	Numeric
168	P1Q25A	Costs deferred new construction for medical school in plan	Numeric
169	P1Q25B	Costs deferred new construction for medical school not in plan	Numeric

Code labels FYs 2007–2009

The following codes are provided for items indicated above for FY 2007 and FY 2009.

Variable	Code
inst_type	Type of institution (2007) 　A = Academic 　B = Biomedical Type of institution (2009) 　1 = Academic 　2 = Biomedical

Variable	Code

biomed_type_code	Type of biomedical institution (2007)
	  IH = Independent hospital
	 NP = Nonprofit
	 RI = Research institution
	  N = Not applicable (only used with biomedical institutions)
	
	Type of biomedical institution (2009)
	  20 = Research institution
	  30 = Hospital
	  50 = Other
	    . = Not applicable (only used with biomedical institutions)

inst_state	State-institution address (the two-character state abbreviation)

hdg_code	Highest degree offered
	    1 = Doctorate
	    2 = Master's
	    3 = Baccalaureate
	    N = Not applicable (only available for academic institutions) (2007)
	Blank = Not applicable (only available for academic institutions) (2009)

toc_code	Type of control of institution
	    1 = Public
	    2 = Private
	    N = Not applicable (only used with academic institutions) (2007)
	Blank = Not applicable (only used with academic institutions) (2009)

HBCU_FLAG	Historically black college or university
	    0 = Not historically black college or university
	    1 = Historically black college or university

AAMC_FLAG	Member American Association of Medical Colleges (AAMC)
	    0 = Not member of AAMC
	    1 = Member of AAMC

AACOM_flag	Member American Association of Colleges of Osteopathic Medicine (AACOM)
	    0 = Not member of AACOM
	    1 = Member of AACOM

med_school_flag	Institution identified self as having medical school
	    0 = Does not have a medical school
	    1 = Has a medical school

epscor_flag	In Experimental Program to Stimulate Competitive Research (EPSCoR) state
	    0 = Not in EPSCoR state
	    1 = In EPSCoR state
	Blank = Not applicable (only used with academic institutions)

idea_flag	In Institutional Development Award (IDeA) Program state
	    0 = Not in IDeA Program state
	    1 = In IDeA Program state

Variable	Code

region	Geographical Region
	   1 = Midwest
	   2 = Northeast
	   3 = South
	   4 = West
	   5 = Outlying area (2009)
	   9 = Outlying area (2007)

P1Q1A, P1Q1B, P1Q1C, P1Q1D, P1Q1E, P1Q1F, P1Q1G, P1Q1H, P1Q1J	0 = No 1 = Yes 2 = Uncertain
P1Q2AGRX, P1Q2BIOX, P1Q2COSX, P1Q2ENGX, P1Q2HLTHX, P1Q2MATHX, P1Q2PHY1X, P1Q2PHY2X, P1Q2PSYX, P1Q2SOCX, P1Q2OTHX	0 = Has no research space in this field 1 = Has research space in this field
P1Q5Box	0 = Has no medical school 1 = Has medical school
P1Q9Box	0 = Has no repair or renovation projects 1 = Has repair or renovation projects
P1Q11Box	0 = Has no medical school 1 = Has medical school
P1Q12Box	0 = Has no new construction projects 1 = Has new construction projects
P1Q14Box	0 = Has no planned repair and renovation projects 1 = Has planned repair and renovation projects
P1Q16Box	0 = Has no medical school 1 = Has medical school
P1Q17Box	0 = Has no planned new construction projects 1 = Has planned new construction projects
P1Q19Box	0 = Has no medical school 1 = Has medical school
P1Q20Box	0 = Has no deferred repair or renovation projects 1 = Has deferred repair or renovation projects
P1Q22Box	0 = Has no medical school 1 = Has medical school
P1Q23Box	0 = Has no deferred new construction projects 1 = Has deferred new construction projects

Variable	Code
P1Q25Box	0 = Has no medical school 1 = Has medical school

Logical skip and missing values are denoted with:
M = Item nonresponse
S = Logical skip

The following list identifies the data variable names and labels in the FY 2011 and FY 2013 data files. In addition, the FY 2013 file contains imputation flags.

#	Variable	Label	Type
1	YEAR	Survey year	Character
2	INST_ID	Institution ID number for [fiscal year]	Numeric
3	INST_NAME	Institution name used for [fiscal year]	Character
4	SUBMISSION_FLAG	Respondent	Character
5	FICE	Institution FICE code	Character
6	INST_TYPE	Type of institution	Numeric
7	INST_STATE	State-institution address	Character
8	HDG_CODE	Highest degree offered	Character
9	TOC_CODE	Type of control of institution	Character
10	HBCU_FLAG	Historically black college or university	Character
11	AAMC_FLAG	Member American Association of Medical Colleges	Character
12	AACOM_flag	Member American Association of Colleges of Osteopathic Medicine	Character
13	MED_SCHOOL_FLAG	Institution identified self as having medical school	Numeric
14	EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research state	Character
15	IDEA_FLAG	In Institutional Development Award Program state	Character
16	REGION	Geographical region	Numeric
17	EXP_TOT_[fiscal year]	Total R&D expenditures reported [fiscal year]	Numeric
18	P1Q1A	Type of S&E research space-lab wet/dry	Numeric
19	P1Q1B	Type of S&E research space-lab support	Numeric
20	P1Q1C	Type of S&E research space-instructional lab	Numeric
21	P1Q1D	Type of S&E research space-core lab	Numeric
22	P1Q1E	Type of S&E research space-leased lab	Numeric
23	P1Q1F	Type of S&E research space-offices	Numeric
24	P1Q1G	Type of S&E research space-nonfixed equipment 1 million $	Numeric

#	Variable	Label	Type
25	P1Q1H	Type of S&E research space-in medical school	Numeric
26	P1Q1J	Type of S&E research space-clinical trial	Numeric
27	P1Q2AGRX	Q2 Did the institution have agricultural sci research space at the end of [fiscal year]	Numeric
28	P1Q2AGR	Total NASF of agricultural sci space [fiscal year]	Numeric
29	P1Q2BIOX	Q2 Did the institution have biological/biomedical sci research space at the end of [fiscal year]	Numeric
30	P1Q2BIO	Total NASF of biological/biomedical sci space [fiscal year]	Numeric
31	P1Q2COSX	Q2 Did the institution have computer sci research space at the end of [fiscal year]	Numeric
32	P1Q2COS	Total NASF of computer sci space [fiscal year]	Numeric
33	P1Q2ENGX	Q2 Did the institution have engineering research space at the end of [fiscal year]	Numeric
34	P1Q2ENG	Total NASF of engineering space [fiscal year]	Numeric
35	P1Q2HLTHX	Q2 Did the institution have health/clinical sci research space at the end of [fiscal year]	Numeric
36	P1Q2HLTH	Total NASF of health/clinical sci space [fiscal year]	Numeric
37	P1Q2MATHX	Q2 Did the institution have math research space at the end of [fiscal year]	Numeric
38	P1Q2MATH	Total NASF of math space [fiscal year]	Numeric
39	P1Q2PHY1X	Q2 Did the institution have group 1 physical sci research space at the end of [fiscal year]	Numeric
40	P1Q2PHY1	Total NASF of group 1 physical sci space [fiscal year]	Numeric
41	P1Q2PHY2X	Q2 Did the institution have group 2 physical sci research space at the end of [fiscal year]	Numeric
42	P1Q2PHY2	Total NASF of group 2 physical sci space [fiscal year]	Numeric
43	P1Q2PSYX	Q2 Did the institution have psychology research space at the end of [fiscal year]	Numeric
44	P1Q2PSY	Total NASF of psychology space [fiscal year]	Numeric
45	P1Q2SOCX	Q2 Did the institution have social sci research space at the end of [fiscal year]	Numeric
46	P1Q2SOC	Total NASF of social sci space [fiscal year]	Numeric
47	P1Q2OTHX	Q2 Did the institution have other sci research space at the end of [fiscal year]	Numeric
48	P1Q2OTH	Total NASF of other sci space [fiscal year]	Numeric
49	P1Q4	Total NASF for clinical research	Numeric
50	P1Q5Box	Q5 Did the institution have a medical school	Numeric
51	P1Q5	Total NASF in a medical school	Numeric

#	Variable	Label	Type
52	P1Q7Box	Did the institution have R/R projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
53	P1Q7AGR	R/R completion costs for agricultural sci in [fiscal year] and [fiscal year]	Numeric
54	P1Q7BIO	R/R completion costs for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
55	P1Q7COS	R/R completion costs for computer sci in [fiscal year] and [fiscal year]	Numeric
56	P1Q7ENG	R/R completion costs for engineering in [fiscal year] and [fiscal year]	Numeric
57	P1Q7HLTH	R/R completion costs for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
58	P1Q7MATH	R/R completion costs for math in [fiscal year] and [fiscal year]	Numeric
59	P1Q7PHY1	R/R completion costs for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
60	P1Q7PHY2	R/R completion costs for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
61	P1Q7PSY	R/R completion costs for psychology in [fiscal year] and [fiscal year]	Numeric
62	P1Q7SOC	R/R completion costs for social sci in [fiscal year] and [fiscal year]	Numeric
63	P1Q7OTH	R/R completion costs for other sci in [fiscal year] and [fiscal year]	Numeric
64	P1Q8Box	Q8 Did the institution have a medical school	Numeric
65	P1Q8	R/R completion costs for medical school in [fiscal year] and [fiscal year]	Numeric
66	P1Q9Box	Did the institution have new construction projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
67	P1Q9	Number of new construction projects	Numeric
68	P1Q10A1	R/R funded by federal govt in [fiscal year] and [fiscal year]	Numeric
69	P1Q10B1	R/R funded by state/local govt in [fiscal year] and [fiscal year]	Numeric
70	P1Q10C1	R/R funded by other sources in [fiscal year] and [fiscal year]	Numeric
71	P1Q10TOT1	Total R/R funded in [fiscal year] and [fiscal year]	Numeric
72	P1Q10A2	New Construction funded by federal govt in [fiscal year] and [fiscal year]	Numeric
73	P1Q10B2	New Construction funded by state/local govt in [fiscal year] and [fiscal year]	Numeric
74	P1Q10C2	New Construction funded by other sources in [fiscal year] and [fiscal year]	Numeric
75	P1Q10TOT2	Total new Construction funded in [fiscal year] and [fiscal year]	Numeric
76	P1Q11Box	Did the institution have planned R/R projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric

#	Variable	Label	Type
77	P1Q11AGR	R/R completion costs planned for agricultural sci in [fiscal year] and [fiscal year]	Numeric
78	P1Q11BIO	R/R completion costs planned for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
79	P1Q11COS	R/R completion costs planned for computer sci in [fiscal year] and [fiscal year]	Numeric
80	P1Q11ENG	R/R completion costs planned for engineering in [fiscal year] and [fiscal year]	Numeric
81	P1Q11HLTH	R/R completion costs planned for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
82	P1Q11MATH	R/R completion costs planned for math in [fiscal year] and [fiscal year]	Numeric
83	P1Q11PHY1	R/R completion costs planned for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
84	P1Q11PHY2	R/R completion costs planned for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
85	P1Q11PSY	R/R completion costs planned for psychology in [fiscal year] and [fiscal year]	Numeric
86	P1Q11SOC	R/R completion costs planned for social sci in [fiscal year] and [fiscal year]	Numeric
87	P1Q11OTH	R/R completion costs planned for other sci in [fiscal year] and [fiscal year]	Numeric
88	P1Q12Box	Q12 Did the institution have a medical school	Numeric
89	P1Q12	R/R completion costs planned for medical school in [fiscal year] and [fiscal year]	Numeric
90	P1Q13Box	Did the institution have planned new construction projects of $250,000 or more in [fiscal year] and [fiscal year]	Numeric
91	P1Q13AGR_1	Planned new construction costs for agricultural sci in [fiscal year] and [fiscal year]	Numeric
92	P1Q13BIO_1	Planned new construction costs for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
93	P1Q13COS_1	Planned new construction costs for computer sci in [fiscal year] and [fiscal year]	Numeric
94	P1Q13ENG_1	Planned new construction costs for engineering in [fiscal year] and [fiscal year]	Numeric
95	P1Q13HLTH_1	Planned new construction costs for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
96	P1Q13MATH_1	Planned new construction costs for math in [fiscal year] and [fiscal year]	Numeric
97	P1Q13PHY1_1	Planned new construction costs for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
98	P1Q13PHY2_1	Planned new construction costs for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric

#	Variable	Label	Type
99	P1Q13PSY_1	Planned new construction costs for psychology in [fiscal year] and [fiscal year]	Numeric
100	P1Q13SOC_1	Planned new construction costs for social sci in [fiscal year] and [fiscal year]	Numeric
101	P1Q13OTH_1	Planned new construction costs for other sci in [fiscal year] and [fiscal year]	Numeric
102	P1Q13AGR_2	Planned new NASF for agricultural sci in [fiscal year] and [fiscal year]	Numeric
103	P1Q13BIO_2	Planned new NASF for biological/biomedical sci in [fiscal year] and [fiscal year]	Numeric
104	P1Q13COS_2	Planned new NASF for computer sci in [fiscal year] and [fiscal year]	Numeric
105	P1Q13ENG_2	Planned new NASF for engineering in [fiscal year] and [fiscal year]	Numeric
106	P1Q13HLTH_2	Planned new NASF for health/clinical sci in [fiscal year] and [fiscal year]	Numeric
107	P1Q13MATH_2	Planned new NASF for math in [fiscal year] and [fiscal year]	Numeric
108	P1Q13PHY1_2	Planned new NASF for group 1 physical sci in [fiscal year] and [fiscal year]	Numeric
109	P1Q13PHY2_2	Planned new NASF for group 2 physical sci in [fiscal year] and [fiscal year]	Numeric
110	P1Q13PSY_2	Planned new NASF for psychology in [fiscal year] and [fiscal year]	Numeric
111	P1Q13SOC_2	Planned new NASF for social sci in [fiscal year] and [fiscal year]	Numeric
112	P1Q13OTH_2	Planned new NASF for other sci in [fiscal year] and [fiscal year]	Numeric
113	P1Q14Box	Q14 Did the institution have a medical school	Numeric
114	P1Q14A	Planned new construction costs for medical school in [fiscal year] and [fiscal year]	Numeric
115	P1Q14B	Planned new NASF for medical school in [fiscal year] and [fiscal year]	Numeric
116	P1Q15Box	Did the institution have deferred R/R projects of $250,000 or more	Numeric
117	P1Q15AGR_1	Costs deferred R/R for agricultural sci in plan	Numeric
118	P1Q15BIO_1	Costs deferred R/R for biological/biomedical sci in plan	Numeric
119	P1Q15COS_1	Costs deferred R/R for computer sci in plan	Numeric
120	P1Q15ENG_1	Costs deferred R/R for engineering in plan	Numeric
121	P1Q15HLTH_1	Costs deferred R/R for health/clinical sci in plan	Numeric
122	P1Q15MATH_1	Costs deferred R/R for math in plan	Numeric
123	P1Q15PHY1_1	Costs deferred R/R for group 1 physical sci in plan	Numeric
124	P1Q15PHY2_1	Costs deferred R/R for group 2 physical sci in plan	Numeric

#	Variable	Label	Type
125	P1Q15PSY_1	Costs deferred R/R for psychology in plan	Numeric
126	P1Q15SOC_1	Costs deferred R/R for social sci in plan	Numeric
127	P1Q15OTH_1	Costs deferred R/R for other sci in plan	Numeric
128	P1Q15AGR_2	Costs deferred R/R for agricultural sci not in plan	Numeric
129	P1Q15BIO_2	Costs deferred R/R for biological/biomedical sci not in plan	Numeric
130	P1Q15COS_2	Costs deferred R/R for computer sci not in plan	Numeric
131	P1Q15ENG_2	Costs deferred R/R for engineering not in plan	Numeric
132	P1Q15HLTH_2	Costs deferred R/R for health/clinical sci not in plan	Numeric
133	P1Q15MATH_2	Costs deferred R/R for math not in plan	Numeric
134	P1Q15PHY1_2	Costs deferred R/R for group 1 physical sci not in plan	Numeric
135	P1Q15PHY2_2	Costs deferred R/R for group 2 physical sci not in plan	Numeric
136	P1Q15PSY_2	Costs deferred R/R for psychology not in plan	Numeric
137	P1Q15SOC_2	Costs deferred R/R for social sci not in plan	Numeric
138	P1Q15OTH_2	Costs deferred R/R for other sci not in plan	Numeric
139	P1Q16Box	Q16 Did the institution have a medical school	Numeric
140	P1Q16A	Costs deferred R/R for medical school in plan	Numeric
141	P1Q16B	Costs deferred R/R for medical school not in plan	Numeric
142	P1Q17Box	Did the institution have deferred new construction projects of $250,000 or more	Numeric
143	P1Q17AGR_1	Costs deferred new construction for agricultural sci in plan	Numeric
144	P1Q17BIO_1	Costs deferred new construction for biological/biomedical sci in plan	Numeric
145	P1Q17COS_1	Costs deferred new construction for computer sci in plan	Numeric
146	P1Q17ENG_1	Costs deferred new construction for engineering in plan	Numeric
147	P1Q17HLTH_1	Costs deferred new construction for health/clinical sci in plan	Numeric
148	P1Q17MATH_1	Costs deferred new construction for math in plan	Numeric
149	P1Q17PHY1_1	Costs deferred new construction for group 1 physical sci in plan	Numeric
150	P1Q17PHY2_1	Costs deferred new construction for group 2 physical sci in plan	Numeric
151	P1Q17PSY_1	Costs deferred new construction for psychology in plan	Numeric
152	P1Q17SOC_1	Costs deferred new construction for social sci in plan	Numeric
153	P1Q17OTH_1	Costs deferred new construction for other sci in plan	Numeric
154	P1Q17AGR_2	Costs deferred new construction for agricultural sci not in plan	Numeric
155	P1Q17BIO_2	Costs deferred new construction for biological/biomedical sci not in plan	Numeric

#	Variable	Label	Type
156	P1Q17COS_2	Costs deferred new construction for computer sci not in plan	Numeric
157	P1Q17ENG_2	Costs deferred new construction for engineering not in plan	Numeric
158	P1Q17HLTH_2	Costs deferred new construction for health/clinical sci not in plan	Numeric
159	P1Q17MATH_2	Costs deferred new construction for math not in plan	Numeric
160	P1Q17PHY1_2	Costs deferred new construction for group 1 physical sci not in plan	Numeric
161	P1Q17PHY2_2	Costs deferred new construction for group 2 physical sci not in plan	Numeric
162	P1Q17PSY_2	Costs deferred new construction for psychology not in plan	Numeric
163	P1Q17SOC_2	Costs deferred new construction for social sci not in plan	Numeric
164	P1Q17OTH_2	Costs deferred new construction for other sci not in plan	Numeric
165	P1Q18Box	Q18 Did the institution have medical school	Numeric
166	P1Q18A	Costs deferred new construction for medical school in plan	Numeric
167	P1Q18B	Costs deferred new construction for medical school not in plan	Numeric

Code labels FYs 2011–2013

The following codes are provided for items indicated above for FY 2011 and FY 2013.

Variable	Code
INST_TYPE	Type of institution 1 = Academic
INST_STATE	State-institution address (the two-character state abbreviation)
HDG_CODE	Highest degree offered 1 = Doctorate 2 = Master's 3 = Baccalaureate
TOC_CODE	Type of control of institution 1 = Public 2 = Private
HBCU_FLAG	Historically black college or university 0 = Not historically black college or university 1 = Historically black college or university
AAMC_FLAG	Member American Association of Medical Colleges (AAMC) 0 = Not member of AAMC 1 = Member of AAMC

Variable	Code

AACOM_flag	Member American Association of Colleges of Osteopathic Medicine (AACOM)
	    0 = Not member of AACOM
	    1 = Member of AACOM

MED_SCHOOL_FLAG	Institution identified self as having medical school
	    0 = Does not have a medical school
	    1 = Has a medical school

EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research (EPSCoR) state
	    0 = Not in EPSCoR state
	    1 = In EPSCoR state

IDEA_FLAG	In Institutional Development Award (IDeA) Program state
	    0 = Not in IDeA Program state
	    1 = In IDeA Program state

REGION	Geographical Region
	    1 = Midwest
	    2 = Northeast
	    3 = South
	    4 = West
	    5 = Outlying area

P1Q1A, P1Q1B, P1Q1C, P1Q1D, P1Q1E, P1Q1F, P1Q1G, P1Q1H, P1Q1J	0 = No 1 = Yes 2 = Uncertain
P1Q2AGRX, P1Q2BIOX, P1Q2COSX, P1Q2ENGX, P1Q2HLTHX, P1Q2MATHX, P1Q2PHY1X, P1Q2PHY2X, P1Q2PSYX, P1Q2SOCX, P1Q2OTHX	0 = Has no research space in this field 1 = Has research space in this field
P1Q5Box	0 = Has no medical school 1 = Has medical school
P1Q7Box	0 = Has no repair or renovation projects 1 = Has repair or renovation projects
P1Q8Box	0 = Has no medical school 1 = Has medical school
P1Q9Box	0 = Has no new construction projects 1 = Has new construction projects
P1Q11Box	0 = Has no planned repair and renovation projects 1 = Has planned repair and renovation projects
P1Q12Box	0 = Has no medical school 1 = Has medical school

Variable	Code
P1Q13Box	0 = Has no planned new construction projects 1 = Has planned new construction projects
P1Q14Box	0 = Has no medical school 1 = Has medical school
P1Q15Box	0 = Has no deferred repair or renovation projects 1 = Has deferred repair or renovation projects
P1Q16Box	0 = Has no medical school 1 = Has medical school
P1Q17Box	0 = Has no deferred new construction projects 1 = Has deferred new construction projects
P1Q18Box	0 = Has no medical school 1 = Has medical school

Logical skip and missing variables are denoted with:

FY 2011:
M = Item nonresponse
S = Logical skip
Blank = Unit nonresponse

FY 2013:
S = Logical skip

The following list identifies the data variable names and labels in the FY 2015 data files. In addition, the file contains imputation flags.

#	Variable	Label	Type
1	YEAR	Survey year	Character
2	INST_ID	Institution ID number for FY 2015	Numeric
3	INST_NAME	Institution name used for FY 2015	Character
4	SUBMISSION_FLAG	Respondent	Character
5	FICE	Institution FICE code	Character
6	NCSESID	Institution NCSES ID	Character
7	INST_TYPE	Type of institution	Numeric
8	INST_STATE	State-institution address	Character
9	HDG_CODE	Highest degree offered	Character
10	TOC_CODE	Type of control of institution	Character
11	HBCU_FLAG	Historically black college or university	Character

#	Variable	Label	Type
12	AAMC_FLAG	Member American Association of Medical Colleges	Character
13	AACOM_flag	Member American Association of Colleges of Osteopathic Medicine	Character
14	MED_SCHOOL_FLAG	Institution identified self as having medical school	Numeric
15	EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research state	Character
16	IDEA_FLAG	In Institutional Development Award Program state	Character
17	EXP_TOT_2014	Total R&D expenditures reported FY 2014	Numeric
18	Q1A	Type of S&E research space-lab wet/dry	Numeric
19	Q1B	Type of S&E research space-lab support	Numeric
20	Q1C	Type of S&E research space-instructional lab	Numeric
21	Q1D	Type of S&E research space-core lab	Numeric
22	Q1E	Type of S&E research space-leased lab	Numeric
23	Q1F	Type of S&E research space-offices	Numeric
24	Q1G	Type of S&E research space-nonfixed equipment 1 million $	Numeric
25	Q1H	Type of S&E research space-in medical school	Numeric
26	Q1J	Type of S&E research space-clinical trial	Numeric
27	Q2AGX	Q2 Did the institution have agricultural sci research space at the end of FY2015	Numeric
28	Q2AG	Total NASF of agricultural sci space FY2015	Numeric
29	Q2BIOX	Q2 Did the institution have biological/biomedical sci research space at the end of FY2015	Numeric
30	Q2BIO	Total NASF of biological/biomedical sci space FY2015	Numeric
31	Q2COSX	Q2 Did the institution have computer sci research space at the end of FY2015	Numeric
32	Q2COS	Total NASF of computer sci space FY2015	Numeric
33	Q2ENGX	Q2 Did the institution have engineering research space at the end of FY2015	Numeric
34	Q2ENG	Total NASF of engineering space FY2015	Numeric
35	Q2GEOX	Q2 Did the institution have geosciences/atmospheric/ocean sci research space at the end of FY2015	Numeric
36	Q2GEO	Total NASF of geosciences/atmospheric/ocean sci space FY2015	Numeric
37	Q2HLTHX	Q2 Did the institution have health sci research space at the end of FY2015	Numeric
38	Q2HLTH	Total NASF of health sci space FY2015	Numeric
39	Q2MATHX	Q2 Did the institution have math research space at the end of FY2015	Numeric

#	Variable	Label	Type
40	Q2MATH	Total NASF of math space FY2015	Numeric
41	Q2NRX	Q2 Did the institution have natural resources/conservation research space at the end of FY2015	Numeric
42	Q2NR	Total NASF of natural resources/conservation space FY2015	Numeric
43	Q2PHYX	Q2 Did the institution have physical sci research space at the end of FY2015	Numeric
44	Q2PHY	Total NASF of physical sci space FY2015	Numeric
45	Q2PSYX	Q2 Did the institution have psychology research space at the end of FY2015	Numeric
46	Q2PSY	Total NASF of psychology space FY2015	Numeric
47	Q2SOCX	Q2 Did the institution have social sci research space at the end of FY2015	Numeric
48	Q2SOC	Total NASF of social sci space FY2015	Numeric
49	Q2OTHX	Q2 Did the institution have other sci research space at the end of FY2015	Numeric
50	Q2OTH	Total NASF of other sci space FY2015	Numeric
51	Q4	Total NASF for clinical research	Numeric
52	Q5Box	Q5 Did the institution have a medical school	Numeric
53	Q5	Total NASF in a medical school	Numeric
54	Q7Box	Did the institution have R/R projects of $250,000 or more in FY2014 and FY2015	Numeric
55	Q7AG	R/R completion costs for agricultural sci in FY2014 and FY2015	Numeric
56	Q7BIO	R/R completion costs for biological/biomedical sci in FY2014 and FY2015	Numeric
57	Q7COS	R/R completion costs for computer sci in FY2014 and FY2015	Numeric
58	Q7ENG	R/R completion costs for engineering in FY2014 and FY2015	Numeric
59	Q7GEO	R/R completion costs for geosciences/atmospheric/ocean sci in FY2014 and FY2015	Numeric
60	Q7HLTH	R/R completion costs for health sci in FY2014 and FY2015	Numeric
61	Q7MATH	R/R completion costs for math in FY2014 and FY2015	Numeric
62	Q7NR	R/R completion costs for natural resources/conservation in FY2014 and FY2015	Numeric
63	Q7PHY	R/R completion costs for physical sci in FY2014 and FY2015	Numeric
64	Q7PSY	R/R completion costs for psychology in FY2014 and FY2015	Numeric
65	Q7SOC	R/R completion costs for social sci in FY2014 and FY2015	Numeric
66	Q7OTH	R/R completion costs for other sci in FY2014 and FY2015	Numeric
67	Q8Box	Q8 Did the institution have a medical school	Numeric

#	Variable	Label	Type
68	Q8	R/R completion costs for medical school in FY2014 and FY2015	Numeric
69	Q9Box	Did the institution have new construction projects of $250,000 or more in FY2014 and FY2015	Numeric
70	Q9	Number of new construction projects	Numeric
71	Q10A1	R/R funded by federal govt in FY2014 and FY2015	Numeric
72	Q10B1	R/R funded by state/local govt in FY2014 and FY2015	Numeric
73	Q10C1	R/R funded by other sources in FY2014 and FY2015	Numeric
74	Q10TOT1	Total R/R funded in FY2014 and FY2015	Numeric
75	Q10A2	New Construction funded by federal govt in FY2014 and FY2015	Numeric
76	Q10B2	New Construction funded by state/local govt in FY2014 and FY2015	Numeric
77	Q10C2	New Construction funded by other sources in FY2014 and FY2015	Numeric
78	Q10TOT2	Total new Construction funded in FY2014 and FY2015	Numeric
79	Q11Box	Did the institution have planned R/R projects of $250,000 or more in FY2016 and FY2017	Numeric
80	Q11AG	R/R completion costs planned for agricultural sci in FY2016 and FY2017	Numeric
81	Q11BIO	R/R completion costs planned for biological/biomedical sci in FY2016 and FY2017	Numeric
82	Q11COS	R/R completion costs planned for computer sci in FY2016 and FY2017	Numeric
83	Q11ENG	R/R completion costs planned for engineering in FY2016 and FY2017	Numeric
84	Q11GEO	R/R completion costs planned for geosciences/atmospheric/ocean sci in FY2016 and FY2017	Numeric
85	Q11HLTH	R/R completion costs planned for health sci in FY2016 and FY2017	Numeric
86	Q11MATH	R/R completion costs planned for math in FY2016 and FY2017	Numeric
87	Q11NR	R/R completion costs planned for natural resources/conservation in FY2016 and FY2017	Numeric
88	Q11PHY	R/R completion costs planned for physical sci in FY2016 and FY2017	Numeric
89	Q11PSY	R/R completion costs planned for psychology in FY2016 and FY2017	Numeric
90	Q11SOC	R/R completion costs planned for social sci in FY2016 and FY2017	Numeric
91	Q11OTH	R/R completion costs planned for other sci in FY2016 and FY2017	Numeric
92	Q12Box	Q12 Did the institution have a medical school	Numeric

#	Variable	Label	Type
93	Q12	R/R completion costs planned for medical school in FY2016 and FY2017	Numeric
94	Q13Box	Did the institution have planned new construction projects of $250,000 or more in FY2016 and FY2017	Numeric
95	Q13AG_1	Planned new construction costs for agricultural sci in FY2016 and FY2017	Numeric
96	Q13BIO_1	Planned new construction costs for biological/biomedical sci in FY2016 and FY2017	Numeric
97	Q13COS_1	Planned new construction costs for computer sci in FY2016 and FY2017	Numeric
98	Q13ENG_1	Planned new construction costs for engineering in FY2016 and FY2017	Numeric
99	Q13GEO_1	Planned new construction costs for geosciences/atmospheric/ocean sci in FY2016 and FY2017	Numeric
100	Q13HLTH_1	Planned new construction costs for health sci in FY2016 and FY2017	Numeric
101	Q13MATH_1	Planned new construction costs for math in FY2016 and FY2017	Numeric
102	Q13NR_1	Planned new construction costs for natural resources/conservation in FY2016 and FY2017	Numeric
103	Q13PHY_1	Planned new construction costs for physical sci in FY2016 and FY2017	Numeric
104	Q13PSY_1	Planned new construction costs for psychology in FY2016 and FY2017	Numeric
105	Q13SOC_1	Planned new construction costs for social sci in FY2016 and FY2017	Numeric
106	Q13OTH_1	Planned new construction costs for other sci in FY2016 and FY2017	Numeric
107	Q13AG_2	Planned new NASF for agricultural sci in FY2016 and FY2017	Numeric
108	Q13BIO_2	Planned new NASF for biological/biomedical sci in FY2016 and FY2017	Numeric
109	Q13COS_2	Planned new NASF for computer sci in FY2016 and FY2017	Numeric
110	Q13ENG_2	Planned new NASF for engineering in FY2016 and FY2017	Numeric
111	Q13GEO_2	Planned new NASF for geosciences/atmospheric/ocean sci in FY2016 and FY2017	Numeric
112	Q13HLTH_2	Planned new NASF for health sci in FY2016 and FY2017	Numeric
113	Q13MATH_2	Planned new NASF for math in FY2016 and FY2017	Numeric
114	Q13NR_2	Planned new NASF for natural resources/conservation in FY2016 and FY2017	Numeric
115	Q13PHY_2	Planned new NASF for physical sci in FY2016 and FY2017	Numeric
116	Q13PSY_2	Planned new NASF for psychology in FY2016 and FY2017	Numeric
117	Q13SOC_2	Planned new NASF for social sci in FY2016 and FY2017	Numeric

#	Variable	Label	Type
118	Q13OTH_2	Planned new NASF for other sci in FY2016 and FY2017	Numeric
119	Q14Box	Q14 Did the institution have a medical school	Numeric
120	Q14A	Planned new construction costs for medical school in FY2016 and FY2017	Numeric
121	Q14B	Planned new NASF for medical school in FY2016 and FY2017	Numeric
122	Q15Box	Did the institution have deferred R/R projects of $250,000 or more	Numeric
123	Q15AG_1	Costs deferred R/R for agricultural sci in plan	Numeric
124	Q15BIO_1	Costs deferred R/R for biological/biomedical sci in plan	Numeric
125	Q15COS_1	Costs deferred R/R for computer sci in plan	Numeric
126	Q15ENG_1	Costs deferred R/R for engineering in plan	Numeric
127	Q15GEO_1	Costs deferred R/R for geosciences/atmospheric/ocean sci in plan	Numeric
128	Q15HLTH_1	Costs deferred R/R for health sci in plan	Numeric
129	Q15MATH_1	Costs deferred R/R for math in plan	Numeric
130	Q15NR_1	Costs deferred R/R for natural resources/conservation in plan	Numeric
131	Q15PHY_1	Costs deferred R/R for physical sci in plan	Numeric
132	Q15PSY_1	Costs deferred R/R for psychology in plan	Numeric
133	Q15SOC_1	Costs deferred R/R for social sci in plan	Numeric
134	Q15OTH_1	Costs deferred R/R for other sci in plan	Numeric
135	Q15AG_2	Costs deferred R/R for agricultural sci not in plan	Numeric
136	Q15BIO_2	Costs deferred R/R for biological/biomedical sci not in plan	Numeric
137	Q15COS_2	Costs deferred R/R for computer sci not in plan	Numeric
138	Q15ENG_2	Costs deferred R/R for engineering not in plan	Numeric
139	Q15GEO_2	Costs deferred R/R for geosciences/atmospheric/ocean sci not in plan	Numeric
140	Q15HLTH_2	Costs deferred R/R for health sci not in plan	Numeric
141	Q15MATH_2	Costs deferred R/R for math not in plan	Numeric
142	Q15NR_2	Costs deferred R/R for natural resources/conservation not in plan	Numeric
143	Q15PHY_2	Costs deferred R/R for physical sci not in plan	Numeric
144	Q15PSY_2	Costs deferred R/R for psychology not in plan	Numeric
145	Q15SOC_2	Costs deferred R/R for social sci not in plan	Numeric
146	Q15OTH_2	Costs deferred R/R for other sci not in plan	Numeric
147	Q16Box	Q16 Did the institution have a medical school	Numeric
148	Q16A	Costs deferred R/R for medical school in plan	Numeric

#	Variable	Label	Type
149	Q16B	Costs deferred R/R for medical school not in plan	Numeric
150	Q17Box	Did the institution have deferred new construction projects of $250,000 or more	Numeric
151	Q17AG_1	Costs deferred new construction for agricultural sci in plan	Numeric
152	Q17BIO_1	Costs deferred new construction for biological/biomedical sci in plan	Numeric
153	Q17COS_1	Costs deferred new construction for computer sci in plan	Numeric
154	Q17ENG_1	Costs deferred new construction for engineering in plan	Numeric
155	Q17GEO_1	Costs deferred new construction for geosciences/atmospheric/ocean sci in plan	Numeric
156	Q17HLTH_1	Costs deferred new construction for health sci in plan	Numeric
157	Q17MATH_1	Costs deferred new construction for math in plan	Numeric
158	Q17NR_1	Costs deferred new construction for natural resources/conservation in plan	Numeric
159	Q17PHY_1	Costs deferred new construction for physical sci in plan	Numeric
160	Q17PSY_1	Costs deferred new construction for psychology in plan	Numeric
161	Q17SOC_1	Costs deferred new construction for social sci in plan	Numeric
162	Q17OTH_1	Costs deferred new construction for other sci in plan	Numeric
163	Q17AG_2	Costs deferred new construction for agricultural sci not in plan	Numeric
164	Q17BIO_2	Costs deferred new construction for biological/biomedical sci not in plan	Numeric
165	Q17COS_2	Costs deferred new construction for computer sci not in plan	Numeric
166	Q17ENG_2	Costs deferred new construction for engineering not in plan	Numeric
167	Q17GEO_2	Costs deferred new construction for geosciences/atmospheric/ocean sci not in plan	Numeric
168	Q17HLTH_2	Costs deferred new construction for health sci not in plan	Numeric
169	Q17MATH_2	Costs deferred new construction for math not in plan	Numeric
170	Q17NR_2	Costs deferred new construction for natural resources/conservation not in plan	Numeric
171	Q17PHY_2	Costs deferred new construction for physical sci not in plan	Numeric
172	Q17PSY_2	Costs deferred new construction for psychology not in plan	Numeric
173	Q17SOC_2	Costs deferred new construction for social sci not in plan	Numeric
174	Q17OTH_2	Costs deferred new construction for other sci not in plan	Numeric
175	Q18Box	Q18 Did the institution have medical school	Numeric
176	Q18A	Costs deferred new construction for medical school in plan	Numeric
177	Q18B	Costs deferred new construction for medical school not in plan	Numeric

Code labels FY 2015

The following codes are provided for items indicated above for FY 2015.

Variable	Code
INST_TYPE	Type of institution 1 = Academic
INST_STATE	State-institution address (the two-character state abbreviation)

HDG_CODE	Highest degree offered
	  1, 5 = Doctorate
	  2 = Master's
	  3 = Baccalaureate

TOC_CODE	Type of control of institution
	  1 = Public
	  2 = Private

HBCU_FLAG	Historically black college or university
	  0 = Not historically black college or university
	  1 = Historically black college or university

AAMC_FLAG	Member American Association of Medical Colleges (AAMC)
	  0 = Not member of AAMC
	  1 = Member of AAMC

AACOM_flag	Member American Association of Colleges of Osteopathic Medicine (AACOM)
	  0 = Not member of AACOM
	  1 = Member of AACOM

MED_SCHOOL_FLAG	Institution identified self as having medical school
	  0 = Does not have a medical school for this survey
	  1 = Has a medical school for this survey

EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research (EPSCoR) state
	  0 = Not in EPSCoR state
	  1 = In EPSCoR state

IDEA_FLAG	In Institutional Development Award (IDeA) Program state
	  0 = Not in IDeA Program state
	  1 = In IDeA Program state

Q1A, Q1B, Q1C, Q1D, Q1E, Q1F, Q1G, Q1H, Q1J	0 = No 1 = Yes 2 = Uncertain
Q2AGX, Q2BIOX, Q2COSX, Q2ENGX, Q2GEOX, Q2HLTHX, Q2MATHX, Q2NRX, Q2PHYX, Q2PSYX, Q2SOCX, Q2OTHX	0 = Has no research space in this field 1 = Has research space in this field
Q5Box	0 = Has no medical school 1 = Has medical school

Variable	Code
Q7Box	0 = Has no repair or renovation projects 1 = Has repair or renovation projects
Q8Box	0 = Has no medical school 1 = Has medical school
Q9Box	0 = Has no new construction projects 1 = Has new construction projects
Q11Box	0 = Has no planned repair or renovation projects 1 = Has planned repair or renovation projects
Q12Box	0 = Has no medical school 1 = Has medical school
Q13Box	0 = Has no planned new construction projects 1 = Has planned new construction projects
Q14Box	0 = Has no medical school 1 = Has medical school
Q15Box	0 = Has no deferred repair or renovation projects 1 = Has deferred repair or renovation projects
Q16Box	0 = Has no medical school 1 = Has medical school
Q17Box	0 = Has no deferred new construction projects 1 = Has deferred new construction projects
Q18Box	0 = Has no medical school 1 = Has medical school

Logical skip variables are denoted with "S."

The following list identifies the data variable names and labels in the FY 2017–FY 2021 data files. In addition, the files contain imputation flags.

#	Variable	Label	Type
1	YEAR	Survey year	Character
2	INST_ID	Institution ID number	Numeric
3	INST_NAME	Institution name	Character
4	SUBMISSION_FLAG	Respondent	Character
5	FICE	Institution FICE code	Character
6	NCSESID	Institution NCSES ID	Character
7	INST_TYPE	Type of institution	Numeric

#	Variable	Label	Type
8	INST_STATE	State-institution address	Character
9	HDG_CODE	Highest degree offered	Character
10	TOC_CODE	Type of control of institution	Character
11	HBCU_FLAG	Historically black college or university	Character
12	AAMC_FLAG	Member American Association of Medical Colleges	Character
13	MED_SCHOOL_FLAG	Institution identified self as having medical school	Numeric
14	EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research state	Character
15	IDEA_FLAG	In Institutional Development Award Program state	Character
16	EXP_TOT_[fiscal year]	Total R&D expenditures reported [fiscal year]	Numeric
17	TYPE_LAB	Type of S&E research space-lab wet/dry	Numeric
18	TYPE_LAB_SUPPORT	Type of S&E research space-lab support	Numeric
19	TYPE_INSTRUCT_LAB	Type of S&E research space-instructional lab	Numeric
20	TYPE_CORE_LAB	Type of S&E research space-core lab	Numeric
21	TYPE_LEASED	Type of S&E research space-leased space	Numeric
22	TYPE_OFFICES	Type of S&E research space-offices	Numeric
23	TYPE_EQUIP	Type of S&E research space-nonfixed equipment $1 million	Numeric
24	TYPE_MED_SCH	Type of S&E research space-in medical school	Numeric
25	TYPE_CLIN_TRIAL	Type of S&E research space-clinical trial	Numeric
26	NASF_AGX	Did the institution have agricultural sci research space	Numeric
27	NASF_AG	Total NASF of agricultural sci space	Numeric
28	NASF_BIOX	Did the institution have biological/biomedical sci research space	Numeric
29	NASF_BIO	Total NASF of biological/biomedical sci space	Numeric
30	NASF_COSX	Did the institution have computer sci research space	Numeric
31	NASF_COS	Total NASF of computer sci space	Numeric
32	NASF_ENGX	Did the institution have engineering research space	Numeric
33	NASF_ENG	Total NASF of engineering space	Numeric
34	NASF_GEOX	Did the institution have geo/atmospheric/ocean sci research space	Numeric
35	NASF_GEO	Total NASF of geo/atmospheric/ocean sci space	Numeric
36	NASF_HLTHX	Did the institution have health sci research space	Numeric
37	NASF_HLTH	Total NASF of health sci space	Numeric
38	NASF_MATHX	Did the institution have math research space	Numeric
39	NASF_MATH	Total NASF of math space	Numeric

#	Variable	Label	Type
40	NASF_NRX	Did the institution have nat resources/conservation research space	Numeric
41	NASF_NR	Total NASF of nat resources/conservation space	Numeric
42	NASF_PHYX	Did the institution have physical sci research space	Numeric
43	NASF_PHY	Total NASF of physical sci space	Numeric
44	NASF_PSYX	Did the institution have psychology research space	Numeric
45	NASF_PSY	Total NASF of psychology space	Numeric
46	NASF_SOCX	Did the institution have social sci research space	Numeric
47	NASF_SOC	Total NASF of social sci space	Numeric
48	NASF_OTHX	Did the institution have other sci research space	Numeric
49	NASF_OTH	Total NASF of other sci space	Numeric
50	NASF_CLIN_TRIAL	Total NASF used for clinical trials	Numeric
51	NASF_MEDBOX	Did the institution have a medical school	Numeric
52	NASF_MED	Total NASF in a medical school	Numeric
53	SS_AGX	Did the institution have agricultural sci research space	Numeric
54	SS_AG_1	Agricultural sci space shared with other fields	Numeric
55	SS_AG_2	Agricultural sci space used for nonresearch purposes	Numeric
56	SS_BIOX	Did the institution have biological/biomedical sci research space	Numeric
57	SS_BIO_1	Biological/biomedical space shared with other fields	Numeric
58	SS_BIO_2	Biological/biomedical space used for nonresearch purposes	Numeric
59	SS_COSX	Did the institution have computer sci research space	Numeric
60	SS_COS_1	Computer sci space shared with other fields	Numeric
61	SS_COS_2	Computer sci space used for nonresearch purposes	Numeric
62	SS_ENGX	Did the institution have engineering research space	Numeric
63	SS_ENG_1	Engineering space shared with other fields	Numeric
64	SS_ENG_2	Engineering space used for nonresearch purposes	Numeric
65	SS_GEOX	Did the institution have geo/atmospheric/ocean sci research space	Numeric
66	SS_GEO_1	Geo/atmospheric/ocean sci space shared with other fields	Numeric
67	SS_GEO_2	Geo/atmospheric/ocean sci space used for nonresearch purposes	Numeric
68	SS_HLTHX	Did the institution have health sci research space	Numeric
69	SS_HLTH_1	Health sci space shared with other fields	Numeric
70	SS_HLTH_2	Health sci space used for nonresearch purposes	Numeric
71	SS_MATHX	Did the institution have math research space	Numeric

#	Variable	Label	Type
72	SS_MATH_1	Math space shared with other fields	Numeric
73	SS_MATH_2	Math space used for nonresearch purposes	Numeric
74	SS_NRX	Did the institution have nat resources/conservation research space	Numeric
75	SS_NR_1	Nat resources/conservation space shared with other fields	Numeric
76	SS_NR_2	Nat resources/conservation space used for nonresearch purposes	Numeric
77	SS_PHYX	Did the institution have physical sci research space	Numeric
78	SS_PHY_1	Physical sci space shared with other fields	Numeric
79	SS_PHY_2	Physical sci space used for nonresearch purposes	Numeric
80	SS_PSYX	Did the institution have psychology research space	Numeric
81	SS_PSY_1	Psychology space shared with other fields	Numeric
82	SS_PSY_2	Psychology space used for nonresearch purposes	Numeric
83	SS_SOCX	Did the institution have social sci research space	Numeric
84	SS_SOC_1	Social sci space shared with other fields	Numeric
85	SS_SOC_2	Social sci space used for nonresearch purposes	Numeric
86	SS_OTHX	Did the institution have other sci research space	Numeric
87	SS_OTH_1	Other sci space shared with other fields	Numeric
88	SS_OTH_2	Other sci space used for nonresearch purposes	Numeric
89	RRBOX	Did the institution have R/R projects of $250,000 or more	Numeric
90	RR_AG	R/R completion costs for agricultural sci	Numeric
91	RR_BIO	R/R completion costs for biological/biomedical sci	Numeric
92	RR_COS	R/R completion costs for computer sci	Numeric
93	RR_ENG	R/R completion costs for engineering	Numeric
94	RR_GEO	R/R completion costs for geo/atmospheric/ocean sci	Numeric
95	RR_HLTH	R/R completion costs for health sci	Numeric
96	RR_MATH	R/R completion costs for math	Numeric
97	RR_NR	R/R completion costs for nat resources/conservation	Numeric
98	RR_PHY	R/R completion costs for physical sci	Numeric
99	RR_PSY	R/R completion costs for psychology	Numeric
100	RR_SOC	R/R completion costs for social sci	Numeric
101	RR_OTH	R/R completion costs for other sci	Numeric
102	RR_MEDBOX	Did the institution have a medical school	Numeric
103	RR_MED	R/R completion costs for medical school	Numeric

#	Variable	Label	Type
104	NCBOX	Did the institution have new construction projects of $250,000 or more	Numeric
105	NCPROJ	Number of new construction projects	Numeric
106	RR_FED	R/R funded by federal govt	Numeric
107	RR_STA	R/R funded by state/local govt	Numeric
108	RR_INST	R/R funded by other sources	Numeric
109	RR_TFUND	Total R/R funded	Numeric
110	NC_FED	New construction funded by federal govt	Numeric
111	NC_STA	New construction funded by state/local govt	Numeric
112	NC_INST	New construction funded by other sources	Numeric
113	NC_TFUND	Total new construction funded	Numeric
114	PRRBOX	Did the institution have planned R/R projects of $250,000 or more	Numeric
115	PRR_AG	R/R completion costs planned for agricultural sci	Numeric
116	PRR_BIO	R/R completion costs planned for biological/biomedical sci	Numeric
117	PRR_COS	R/R completion costs planned for computer sci	Numeric
118	PRR_ENG	R/R completion costs planned for engineering	Numeric
119	PRR_GEO	R/R completion costs planned for geo/atmospheric/ocean sci	Numeric
120	PRR_HLTH	R/R completion costs planned for health sci	Numeric
121	PRR_MATH	R/R completion costs planned for math	Numeric
122	PRR_NR	R/R completion costs planned for nat resources/conservation	Numeric
123	PRR_PHY	R/R completion costs planned for physical sci	Numeric
124	PRR_PSY	R/R completion costs planned for psychology	Numeric
125	PRR_SOC	R/R completion costs planned for social sci	Numeric
126	PRR_OTH	R/R completion costs planned for other sci	Numeric
127	PRR_MEDBOX	Did the institution have a medical school	Numeric
128	PRR_MED	R/R completion costs planned for medical school	Numeric
129	PNCBOX	Did the institution have planned new construction projects of $250,000 or more	Numeric
130	PNC_AG_1	Planned new construction costs for agricultural sci	Numeric
131	PNC_BIO_1	Planned new construction costs for biological/biomedical sci	Numeric
132	PNC_COS_1	Planned new construction costs for computer sci	Numeric
133	PNC_ENG_1	Planned new construction costs for engineering	Numeric
134	PNC_GEO_1	Planned new construction costs for geo/atmospheric/ocean sci	Numeric
135	PNC_HLTH_1	Planned new construction costs for health sci	Numeric

#	Variable	Label	Type
136	PNC_MATH_1	Planned new construction costs for math	Numeric
137	PNC_NR_1	Planned new construction costs for nat resources/conservation	Numeric
138	PNC_PHY_1	Planned new construction costs for physical sci	Numeric
139	PNC_PSY_1	Planned new construction costs for psychology	Numeric
140	PNC_SOC_1	Planned new construction costs for social sci	Numeric
141	PNC_OTH_1	Planned new construction costs for other sci	Numeric
142	PNC_AG_2	Planned new NASF for agricultural sci	Numeric
143	PNC_BIO_2	Planned new NASF for biological/biomedical sci	Numeric
144	PNC_COS_2	Planned new NASF for computer sci	Numeric
145	PNC_ENG_2	Planned new NASF for engineering	Numeric
146	PNC_GEO_2	Planned new NASF for geo/atmospheric/ocean sci	Numeric
147	PNC_HLTH_2	Planned new NASF for health sci	Numeric
148	PNC_MATH_2	Planned new NASF for math	Numeric
149	PNC_NR_2	Planned new NASF for nat resources/conservation	Numeric
150	PNC_PHY_2	Planned new NASF for physical sci	Numeric
151	PNC_PSY_2	Planned new NASF for psychology	Numeric
152	PNC_SOC_2	Planned new NASF for social sci	Numeric
153	PNC_OTH_2	Planned new NASF for other sci	Numeric
154	PNC_MEDBOX	Did the institution have a medical school	Numeric
155	PNC_MED_1	Planned new construction costs for medical school	Numeric
156	PNC_MED_2	Planned new NASF for medical school	Numeric
157	DRRBOX	Did the institution have deferred R/R projects of $250,000 or more	Numeric
158	DRR_AG_1	Costs deferred R/R for agricultural sci in plan	Numeric
159	DRR_BIO_1	Costs deferred R/R for biological/biomedical sci in plan	Numeric
160	DRR_COS_1	Costs deferred R/R for computer sci in plan	Numeric
161	DRR_ENG_1	Costs deferred R/R for engineering in plan	Numeric
162	DRR_GEO_1	Costs deferred R/R for geo/atmospheric/ocean sci in plan	Numeric
163	DRR_HLTH_1	Costs deferred R/R for health sci in plan	Numeric
164	DRR_MATH_1	Costs deferred R/R for math in plan	Numeric
165	DRR_NR_1	Costs deferred R/R for nat resources/conservation in plan	Numeric
166	DRR_PHY_1	Costs deferred R/R for physical sci in plan	Numeric
167	DRR_PSY_1	Costs deferred R/R for psychology in plan	Numeric
168	DRR_SOC_1	Costs deferred R/R for social sci in plan	Numeric

#	Variable	Label	Type
169	DRR_OTH_1	Costs deferred R/R for other sci in plan	Numeric
170	DRR_AG_2	Costs deferred R/R for agricultural sci not in plan	Numeric
171	DRR_BIO_2	Costs deferred R/R for biological/biomedical sci not in plan	Numeric
172	DRR_COS_2	Costs deferred R/R for computer sci not in plan	Numeric
173	DRR_ENG_2	Costs deferred R/R for engineering not in plan	Numeric
174	DRR_GEO_2	Costs deferred R/R for geo/atmospheric/ocean sci not in plan	Numeric
175	DRR_HLTH_2	Costs deferred R/R for health sci not in plan	Numeric
176	DRR_MATH_2	Costs deferred R/R for math not in plan	Numeric
177	DRR_NR_2	Costs deferred R/R for nat resources/conservation not in plan	Numeric
178	DRR_PHY_2	Costs deferred R/R for physical sci not in plan	Numeric
179	DRR_PSY_2	Costs deferred R/R for psychology not in plan	Numeric
180	DRR_SOC_2	Costs deferred R/R for social sci not in plan	Numeric
181	DRR_OTH_2	Costs deferred R/R for other sci not in plan	Numeric
182	DRR_MEDBOX	Did the institution have a medical school	Numeric
183	DRR_MED_1	Costs deferred R/R for medical school in plan	Numeric
184	DRR_MED_2	Costs deferred R/R for medical school not in plan	Numeric
185	DNCBOX	Did the institution have deferred new construction projects of $250,000 or more	Numeric
186	DNC_AG_1	Costs deferred new construction for agricultural sci in plan	Numeric
187	DNC_BIO_1	Costs deferred new construction for biological/biomedical sci in plan	Numeric
188	DNC_COS_1	Costs deferred new construction for computer sci in plan	Numeric
189	DNC_ENG_1	Costs deferred new construction for engineering in plan	Numeric
190	DNC_GEO_1	Costs deferred new construction for geo/atmospheric/ocean sci in plan	Numeric
191	DNC_HLTH_1	Costs deferred new construction for health sci in plan	Numeric
192	DNC_MATH_1	Costs deferred new construction for math in plan	Numeric
193	DNC_NR_1	Costs deferred new construction for nat resources/conservation in plan	Numeric
194	DNC_PHY_1	Costs deferred new construction for physical sci in plan	Numeric
195	DNC_PSY_1	Costs deferred new construction for psychology in plan	Numeric
196	DNC_SOC_1	Costs deferred new construction for social sci in plan	Numeric
197	DNC_OTH_1	Costs deferred new construction for other sci in plan	Numeric
198	DNC_AG_2	Costs deferred new construction for agricultural sci not in plan	Numeric
199	DNC_BIO_2	Costs deferred new construction for biological/biomedical sci not in plan	Numeric

#	Variable	Label	Type
200	DNC_COS_2	Costs deferred new construction for computer sci not in plan	Numeric
201	DNC_ENG_2	Costs deferred new construction for engineering not in plan	Numeric
202	DNC_GEO_2	Costs deferred new construction for geo/atmospheric/ocean sci not in plan	Numeric
203	DNC_HLTH_2	Costs deferred new construction for health sci not in plan	Numeric
204	DNC_MATH_2	Costs deferred new construction for math not in plan	Numeric
205	DNC_NR_2	Costs deferred new construction for nat resources/conservation not in plan	Numeric
206	DNC_PHY_2	Costs deferred new construction for physical sci not in plan	Numeric
207	DNC_PSY_2	Costs deferred new construction for psychology not in plan	Numeric
208	DNC_SOC_2	Costs deferred new construction for social sci not in plan	Numeric
209	DNC_OTH_2	Costs deferred new construction for other sci not in plan	Numeric
210	DNC_MEDBOX	Did the institution have a medical school	Numeric
211	DNC_MED_1	Costs deferred new construction for medical school in plan	Numeric
212	DNC_MED_2	Costs deferred new construction for medical school not in plan	Numeric

Code labels FYs 2017–2021

The following codes are provided for items indicated above for FY 2017–FY 2021.

Variable	Code
INST_TYPE	Type of institution 1 = Academic
INST_STATE	State-institution address (the two-character state abbreviation)
HDG_CODE	Highest degree offered 1, 5 = Doctorate 2 = Master's 3 = Baccalaureate
TOC_CODE	Type of control of institution 1 = Public 2 = Private
HBCU_FLAG	Historically black college or university 0 = Not historically black college or university 1 = Historically black college or university
AAMC_FLAG	Member American Association of Medical Colleges (AAMC) 0 = Not member of AAMC 1 = Member of AAMC
MED_SCHOOL_FLAG	Institution identified self as having medical school 0 = Does not have a medical school for this survey 1 = Has a medical school for this survey

Variable	Code

EPSCOR_FLAG	In Experimental Program to Stimulate Competitive Research (EPSCoR) state
	  0 = Not in EPSCoR state
	  1 = In EPSCoR state

IDEA_FLAG	In Institutional Development Award (IDeA) Program state
	  0 = Not in IDeA Program state
	  1 = In IDeA Program state

TYPE_LAB, TYPE_LAB_SUPPORT, TYPE_INSTRUCT_LAB, TYPE_CORE_LAB, TYPE_LEASED, TYPE_OFFICES, TYPE_EQUIP, TYPE_MED_SCH, TYPE_CLIN_TRIAL	0 = No 1 = Yes 2 = Uncertain
NASF_AGX, NASF_BIOX, NASF_COSX, NASF_ENGX, NASF_GEOX, NASF_HLTHX, NASF_MATHX, NASF_NRX, NASF_PHYX, NASF_PSYX, NASF_SOCX, NASF_OTHX	0 = Has no research space in this field 1 = Has research space in this field
NASF_MEDBOX	0 = Has no medical school 1 = Has medical school
SS_AGX, SS_BIOX, SS_COSX, SS_ENGX, SS_GEOX, SS_HLTHX, SS_MATHX, SS_NRX, SS_PHYX, SS_PSYX, SS_SOCX, SS_OTHX	0 = Has no research space in this field 1 = Has research space in this field
SS_AG_1, SS_BIO_1, SS_COS_1, SS_ENG_1, SS_GEO_1, SS_HLTH_1, SS_MATH_1, SS_NR_1, SS_PHY_1, SS_PSY_1, SS_SOC_1, SS_OTH_1	0 = Space in this field is not shared with other fields 1 = Space in this field is shared with other fields
SS_AG_2, SS_BIO_2, SS_COS_2, SS_ENG_2, SS_GEO_2, SS_HLTH_2, SS_MATH_2, SS_NR_2, SS_PHY_2, SS_PSY_2, SS_SOC_2, SS_OTH_2	0 = Space in this field is not used for nonresearch purposes 1 = Space in this field is used for nonresearch purposes
RRBOX	0 = Has no repair or renovation projects 1 = Has repair or renovation projects
RR_MEDBOX	0 = Has no medical school 1 = Has medical school
NCBOX	0 = Has no new construction projects 1 = Has new construction projects

Variable	Code
PRRBOX	0 = Has no planned repair or renovation projects 1 = Has planned repair or renovation projects
PRR_MEDBOX	0 = Has no medical school 1 = Has medical school
PNCBOX	0 = Has no planned new construction projects 1 = Has planned new construction projects
PNC_MEDBOX	0 = Has no medical school 1 = Has medical school
DRRBOX	0 = Has no deferred repair or renovation projects 1 = Has deferred repair or renovation projects
DRR_MEDBOX	0 = Has no medical school 1 = Has medical school
DNCBOX	0 = Has no deferred new construction projects 1 = Has deferred new construction projects
DNC_MEDBOX	0 = Has no medical school 1 = Has medical school

Logical skip and missing variables are denoted with:
M = Item nonresponse
S = Logical skip

2.7.2.2 SAS Data File Format

SAS format follows the Excel format. See section 2.7.2.1.

2.7.2.3 CSV Data File Format

CSV format follows the Excel format. See section 2.7.2.1.

3. ADDITIONAL RESOURCES

3.1   Survey Questionnaires

Copies of survey questionnaires for FYs 2003–2023 are available on the NSF website at
https://www.nsf.gov/statistics/srvyfacilities/.

3.2   Publications

The data from this survey are published every two years in Data Tables in the series *Science and Engineering Research Facilities*. Several InfoBriefs have also been published, including *University Science and Engineering Research Space Increased More Than 30 Million Square Feet in the Past Decade*. Both the tables and InfoBriefs can be obtained at the NSF web page:
http://www.nsf.gov/statistics/srvyfacilities/.

Information from this survey is also included in the NSF report, *Science and Engineering Indicators*.

3.3   Electronic Access

Microdata beginning with the FY 2007 survey are available in NCSES's interactive data tool located at https://ncsesdata.nsf.gov/home. Public use files beginning with the FY 2003 survey are available at https://nsf.gov/statistics/srvyfacilities/pub_data.cfm. Due to a confidentiality pledge, microdata from prior years are not available.

3.4   Contact for More Information

Additional information about this survey can be obtained by contacting:
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