National Science Foundation

FY 2011 Survey of Science and  
Engineering Research Facilities

**Part 1: Research Space**

Your participation in this survey is voluntary. However, your institution’s response is important. The information from this survey on individual institutions can be used by your institution and other institutions for decision- and policy-making. The data also describe science and engineering research facilities at the national, regional, and state levels.

Based on pretests, responding to this survey (Part 1 and Part 2 combined) typically requires 41 hours depending on how data are maintained at your institution. If you wish to comment on the burden of completing this survey, contact Suzanne H. Plimpton, Reports Clearance Officer, NSF, via e-mail at [splimpto@nsf.gov](mailto:splimpto@nsf.gov) or call 1-703-292-7556. Or, you may write to the Office of Management and Budget, Paperwork Reduction Project (OMB Number 3145-0101), Washington, DC 20503.

If you have a question, please contact [Name] via e-mail at [[Contractor email box]](mailto:facilitiessurvey@westat.com) or call  
1-888-XXX-XXXX. The survey director at the National Science Foundation is Dr. Leslie Christovich.

**Please complete and submit this survey on the web (according to the instructions on page 1) or return it by mail to:**

ATTN: NSF Facilities Survey

Contractor Name

Contractor Address

Thank you for your participation.

# General information

This questionnaire is available on the World Wide W[eb. Go to www.facilitiessurvey.org](http://www.facilitiessurvey.org) to access the  
web version of the questionnaire. You will need to click on “Part 1” and then enter  
the Part 1 Coordinator ID and password. These are provided on the label on the front cover of this paper  
questionnaire.

Please report information for the **institution** named on the label on the front cover.

If you do not have exact figures for any part of this questionnaire, please provide estimates.

# Confidentiality

Information provided on research animal space (Questions 1 row i, 3, and 9f) and on the condition of S&E space (Question 6) will not be publicly available for individual institutions. In accordance with the National Science Foundation Act of 1950, as amended, and other applicable federal laws, your responses will not be disclosed in identifiable form to anyone other than agency employees or authorized persons.

# Changes from previous survey cycle

* **Fields of science and engineering (S&E)**

Changes have been made to the lists of disciplines included in some fields of S&E to be consistent with the 2010 Classification of Instructional Programs (CIP 2010). For a description of the fields of S&E, see Question 2 on pages 5–7 or the crosswalk of NSF fields of S&E to the National Center for Education Statistics (NCES) 2010 Classification of Instructional Programs (CIP 2010) on pages 27–28.

* **Research Animal Space**

**Seven questions on research animal space from the last survey cycle have been deleted** (question numbers shown below refer to those appearing in the FY 2009 survey):

* + Condition of research animal space (Question 7)
  + Biosafety level of research animal facilities (Question 8)
  + Research animal facilities: repairs and renovations (Question 10)
  + Research animal facilities: planned repairs and renovations (Question 15)
  + Research animal facilities: planned new construction (Question 18)
  + Research animal facilities: deferred repairs and renovations (Question 21)
  + Research animal facilities: deferred new construction (Question 24)

# Definition of science and engineering (S&E) research and research space

Please use these definitions when answering all questions in this survey.

**Research** is all sponsored research and development activities of your institution that are separately budgeted and  
accounted for. Research can be funded by your own institution, the federal government, a state government, foundations, corporations, or other sources. It does not include departmental research that is not separately budgeted.

**Research space** is the net assignable square feet of space in buildings within which research activities take place.  
Research facilities are located within buildings. A **building** is a roofed structure for permanent or temporary shelter of  
persons, animals, plants, materials, or equipment. Structures should be included if they are (1) attached to a foundation,  
(2) roofed, (3) serviced by a utility, exclusive of lighting, and (4) a source of significant maintenance and repair activities.

**Net assignable square feet** (NASF) is the sum of all areas on all floors of a building assigned to, or available to be  
assigned to, an occupant for a specific use, such as research or instruction. NASF is measured from the inside faces of  
walls.

**Science and engineering** (S&E) includes the following fields: agricultural sciences and natural resources sciences,  
biological and biomedical sciences, computer and information sciences, engineering, health and clinical sciences,  
mathematics and statistics, physical sciences, psychology, social sciences, and other science and engineering fields. See Question 2 on pages 5–7 for a detailed list of the disciplines included in each of these fields.

# Definition of science and engineering (S&E) research and research space (continued)

|  |
| --- |
| **Research space includes:**   * controlled-environment space, such as clean, cold, or white rooms * technical and laboratory support space, such as equipment areas, preparation areas, darkrooms, carpentry and machine shops, storage areas, etc. * laboratories, including computer labs, behavior observation rooms, etc. * core laboratories that serve other laboratories * laboratories and associated support areas used for research animals, including procedure rooms, bench space, animal production colonies, holding rooms, germ-free rooms, surgical facilities, recovery rooms, etc. * housing facilities for research animals and associated maintenance areas, including cage rooms, stalls, wards, isolation rooms, exercise rooms, feed storage rooms, cage-washing rooms, holding and storage areas, etc. * space for clinical trial research * offices, to the extent that they are used for research activities, including administrative activities for a specific research project * space with fixed (built-in) equipment such as fume hoods * space with nonfixed equipment costing $1 million or more each, such as MRIs * space that is leased by your institution   **Research space does not include:**   * space for the fields of law, business administration/management, humanities, history, the arts, or education * libraries, unless they are dedicated to a specific research project * animal field buildings sheltering animals that do not directly support research or that are not subject to government regulations concerning humane care and use of laboratory animals * Federally Funded Research and Development Centers (FFRDCs) * in-kind space used by your faculty, staff, or other persons but administered by other organizations, such as research facilities at non-university hospitals or Veterans Administration hospitals * space administered by your institution but leased to another organization * outdoor areas such as fish ponds or planting fields |

# Question 1: Types of science and engineering (S&E) research space

1. Please indicate whether or not your institution had each type of S&E research space listed below at the end of your FY 2011. See pages 2–3 for the definition of research space and fields of S&E.

Did your institution have this type of S&E research space at end of FY 2011?

(Mark one “X” for each row.)

#### Types of S&E research space Yes No Uncertain

1. Laboratories, wet or dry, including computer  
   laboratories, behavior observation laboratories, etc.
2. Laboratory support space, including autoclave rooms,  
   darkrooms, equipment areas, storage areas for research  
   equipment and supplies, etc.
3. Instructional laboratories that are ***also*** used for research
4. Core laboratories that serve other laboratories
5. Leased space that is used for research
6. Offices, to the extent they are used for research
7. Space used for research containing nonfixed equipment  
   costing $1 million or more each, such as MRIs
8. Research space in a medical school that awards the M.D.  
   or D.O. degree
9. Research animal space

Reminder: Please see page 1 for confidentiality of this item.

Laboratories and associated support areas used for research  
animals that are subject to local, state, and federal government  
policies and regulations concerning humane care and use of  
animals. Examples include procedure rooms, holding rooms,  
recovery rooms, animal production colonies, and storage areas.  
  
Space for housing research animals and associated maintenance  
areas that are subject to local, state, and federal government  
policies and regulations concerning humane care and use of  
animals. Examples include animal quarters, cage washing  
rooms, feed storage areas, isolation rooms, and exercise rooms.

1. Research space that is used for clinical trials

# Question 2: Amount of research space

2. At the end of your FY 2011, how much net assignable square feet was used for research (based on the definition  
of research space on pages 2–3) for each of the fields of science and engineering (S&E) below? Please include any research animal space in the relevant fields of S&E. You may provide estimates if you do not have exact figures.  
  
**Research animal space** includes all departmental and central facilities, such as laboratories, housing, and associated support areas, that are subject to local, state, and federal government policies and regulations concerning humane care and use of laboratory animals.  
  
***If research space was shared among fields or used for other purposes in addition to research***, report the portion  
of space used for research for each field below. For example, if two fields shared the space equally, report half of  
the space in one field and half in the other. Or, if an area was used for research one-fourth of the time and for other purposes the rest of the time, report one-fourth of the space as research space.  
  
See pages 27–28 for crosswalk of NSF fields of S&E and NCES CIP codes.

|  |  |  |
| --- | --- | --- |
| **Field of S&E**  *(Include research animal space.)* | | **Net assignable square feet of research space at end of FY 2011** |
| **a. Agricultural sciences and natural resources sciences** | | |
| Agricultural economics  Animal sciences  Fishing and fisheries sciences  Food science and technology  Forestry | Natural resources conservation and research (includes environmental science)  Natural resources economics  Plant sciences  Soil sciences  Wildlife and wildlands science | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **b. Biological and biomedical sciences** | | |
| Anatomical sciences  Animal biology  Biochemistry  Bioinformatics  Biology  Biomathematics  Biophysics  Biotechnology  Botany  Cell biology  Cellular biology  Ecology  Evolution  Genetics  Human nutrition | Immunology  Microbiological sciences  Molecular biology  Molecular medicine  Neurobiology  Neurosciences  Pathology  Pharmacology  Physiology  Plant biology  Population biology  Toxicology  Zoology  Biological and biomedical sciences, other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **c. Computer and information sciences** | | |
| Computer science  Computer software and media applications  Computer systems networking and telecommunications  Information science | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |

|  |  |  |
| --- | --- | --- |
| **Field of S&E**  *(Include research animal space.)* | | **Net assignable square feet of research space at end of FY 2011** |
| **d. Engineering** | | |
| Aeronautical engineering  Aerospace engineering  Agricultural engineering  Architectural engineering  Astronautical engineering  Automation engineering  Biochemical engineering  Bioengineering  Biological engineering  Biomedical engineering  Biosystems engineering  Ceramic sciences and engineering  Chemical engineering  Civil engineering  Computer engineering, general  Construction engineering  Electrical, electronics and communications engineering  Electromechanical engineering  Engineering chemistry  Engineering mechanics  Engineering physics  Engineering science  Environmental engineering  Environmental health engineering | Forest engineering  Geological engineering  Geophysical engineering  Industrial engineering  Manufacturing engineering  Marine engineering  Materials engineering  Mechanical engineering  Mechatronics  Medical engineering  Metallurgical engineering  Mining and mineral engineering  Naval architecture  Nuclear engineering  Ocean engineering  Operations research  Paper science and engineering  Petroleum engineering  Plastics engineering  Polymer engineering  Robotics  Surveying engineering  Systems engineering  Textile sciences and engineering  Engineering, other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **e. Health and clinical sciences** | | |
| Allied health diagnostic, intervention, and treatment  Clinical laboratory science/research  Clinical nursing  Communication disorders sciences  Dentistry  Informatics  Kinesiology and exercise science  Medical clinical sciences  Medical illustration  Medical laboratory science/research  Medicine  Nursing research | Optometry  Oral sciences  Osteopathic medicine  Osteopathy  Pharmaceutical sciences  Pharmacy  Podiatric medicine  Podiatry  Public health  Registered nursing  Rehabilitation and therapeutic subfields  Veterinary biomedical sciences  Veterinary medicine | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **f. Mathematics and statistics** | | |
| Applied mathematics  Mathematics  Statistics  Mathematics and statistics, other | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field of S&E**  *(Include research animal space.)* | | | **Net assignable square feet of research space at end of FY 2011** |
| **g. Physical sciences** | | | |
|  | **Group 1:** Atmospheric, earth, and geological sciences; meteorology; and oceanography | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
|  | **Group 2:** Astronomy, astrophysics, chemistry, materials sciences, and physics | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **h. Psychology** | | | |
| Applied Psychology  Clinical psychology  Counseling psychology | | Research and experimental psychology  Psychology, other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **i. Social sciences** | | | |
| Anthropology  Archeology  Criminalistics  Criminal justice  Criminal science  Criminology  Demography  Economics  Forensic science and technology | | Geography and cartography  International relations  National security studies  Police science  Political science and government  Population studies  Sociology  Urban affairs  Social sciences, other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |
| **j. Other field of S&E** | | | |
| Use this category when multidisciplinary, interdisciplinary, or other aspects make classification under one primary S&E field impossible. Please see pages 2–3 for the definition of S&E research and research space.  *(Please describe.)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ NASF  Check this box if no research space in this field at the end of FY 2011 |

# Question 3: Research animal space

Reminder: Please see page 1 for confidentiality of this item.

3. At the end of your FY 2011, how much of the research NASF reported in Question 2 was used for research animals?

**Research animal space** includes all departmental and central facilities, such as laboratories, housing, and associated support areas, that are subject to local, state, and federal government policies and regulations concerning humane care and use of laboratory animals.

Research animal portion of the space

included in Question 2 *(If none, enter “0.”)* \_\_\_\_\_\_\_\_\_\_\_\_\_ NASF

# Question 4: Clinical trial research space

4. At the end of your FY 2011, how much of the research NASF reported in Question 2 was used for clinical trials?

Clinical trial portion of the space

included in Question 2 *(If none, enter “0.”)* \_\_\_\_\_\_\_\_\_\_\_\_\_ NASF

# Question 5: Research space in medical school

5. ***If your institution had a medical school,*** how much of the research NASF reported in Question 2 was located in the medical school at the end of your FY 2011?

**Medical school** is a school that awards the M.D. or D.O. degree.

If your institution did ***not*** have a medical school,

check this box and go to Question 6

Medical school portion of the space

included in Question 2 *(If none, enter “0.”)* \_\_\_\_\_\_\_\_\_\_\_\_\_ NASF

# Question 6: Condition of research space

Reminder: Please see page 1 for confidentiality of this item.

6. At the end of your FY 2011, what percentage of the research NASF reported in Question 2 fell into each of the four condition categories below? Include research animal space.

**Superior condition** Suitable for the most scientifically competitive research in this field over the next 2 years (your FY 2012 and FY 2013)

**Satisfactory condition** Suitable for continued use over the next 2 years (your FY 2012 and FY 2013) for most levels of research in this field, but may require minor repairs or renovation

**Requires renovation** Will no longer be suitable for current research without undergoing major renovation within the next 2 years (your FY 2012 and FY 2013)

**Requires replacement** Should stop using space for current research within the next 2 years (your  
FY 2012 and FY 2013)

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Field of S&E**  *(Include research animal space.)* | ***Mark “X” if no research space in this field*** | **Percent of net assignable square feet** | | | | |
| *(The percentages should sum to 100 within each row.)* | | | | |
| Superior condition | Satisfactory condition | Requires renovation | Requires replacement | Total |
| a. Agricultural sciences and natural resources sciences | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| b. Biological and biomedical sciences | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| c. Computer and information sciences | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| d. Engineering | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| e. Health and clinical sciences | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| f. Mathematics and statistics | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| g. Physical sciences | |  |  |  |  |  |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| h. Psychology | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| i. Social sciences | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |
| j. Other field of S&E | | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | \_\_\_\_\_\_ % | 100% |

# Question 7: Repairs and renovations started in FY 2010 and FY 2011

7. Please provide the completion costs for repair and renovation of S&E research facilities that started during your FY 2010 or FY 2011. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be $250,000 or more for at least one field of S&E listed below. For **multi-year projects**, report the entire completion cost even if some work will occur in future years.

**Start date** is the date on which the physical work of the repairs or renovations actually began.

**Repairs and renovations** are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space. Include any repairs or renovations to existing space that are performed in combination with new construction projects. ***Do not*** report building additions since they are reported in this survey under new construction.

**Completion costs** include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs $1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

***If research facilities are shared by two or more fields,*** allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a $300,000 project, do **not** report that field’s share, which is $75,000. If a $400,000 project will have two fields with the same costs, do **not** report either field’s portion, which is $200,000 each.

***If research facilities are also used for nonresearch activities,*** report the S&E research portion of the costs for the fields listed below if the research portion is $250,000 or more. For example, if a facility is used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution had no repair or renovation

projects, check this box and go to Question 9

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |
| --- | --- |
| **Field of S&E**  *(Include costs for research animal space.)* | **Completion costs for projects started in FY 2010 or FY 2011** |
| a. Agricultural sciences and natural resources sciences $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| b. Biological and biomedical sciences $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| c. Computer and information sciences $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| d. Engineering $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| e. Health and clinical sciences $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| f. Mathematics and statistics $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| g. Physical sciences $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| h. Psychology $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| i. Social sciences $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| j. Other field of S&E *(Please describe.)* $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

# Question 8: For medical schools only: repairs and renovations in FY 2010 and FY 2011

8. ***If your institution had a medical school,*** how much of the completion costs for repair and renovation of research facilities as reported in Question 7 was located in the medical school?

**Medical school** is a school that awards the M.D. or D.O. degree.

If your institution did ***not*** have a medical school,

check this box and go to Question 9

Medical school portion of the costs

included in Question 7 *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_\_\_

# Question 9: New construction started in FY 2010 and FY 2011

9. Please provide the total number of new construction projects that included S&E research facilities that started during your FY 2010 or FY 2011. Include only projects whose prorated cost was estimated to be $250,000 or more for at least one field of S&E. Include research animal space in the relevant fields of S&E.

**New construction** is the construction of a new building or additions to an existing building.

**Research facilities** are defined on pages 2–3 of the survey questionnaire.

**Start date** is the date on which the physical work of the construction actually began.

**Completion costs** include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs  
$1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

***If facilities are shared for research and nonresearch activities,*** report only projects with completion costs of $250,000 or more for at least one field of S&E research. For example, if a $300,000 project involves space used for research only one-fourth of the time, this project of $75,000 for the research facilities should not be reported.

***If facilities are shared by two or more fields of S&E,*** report the new construction project only if at least one field of S&E research has completion costs of $250,000 or more. For example, if two fields share the costs equally for a research project costing $400,000, neither field’s share of $200,000 meets the cost minimum.

If your institution had no new construction

projects, check this box and go to Question 10

If your institution had one or more new construction projects,  
enter the number of projects here and fill out a separate  
Individual Project Form for each one \_\_\_\_\_\_\_\_\_\_\_\_\_ projects

**Please make additional copies of this form as needed.**

**Individual Project Form for Question 9**

**Page 1 of 4**

Please complete this form for ***each*** new construction project that started during your FY 2010 or FY 2011. Include only projects that will cost $250,000 or more for at least one of the S&E fields. Consider the start date to be the date on which the physical work of the new construction began.

9A. What is the name of this project? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9B. During which of your fiscal years did the physical work of new construction begin for this project?

FY 2010

FY 2011

9C. When this project is completed, what is (a) the entire project’s (research and nonresearch) gross square feet; (b) the entire project’s net assignable square feet; and (c) the S&E research facilities portion in net assignable square feet?

***For multi-year projects,*** report the space expected when the project is completed.

a. Gross square feet (GSF) for entire project (research and nonresearch) \_\_\_\_\_\_\_\_\_\_ GSF

Gross square feet (GSF) is the floor area of a structure within the outside faces of  
the exterior walls.

b. Net assignable square feet (NASF) for entire project  
(research and nonresearch) \_\_\_\_\_\_\_\_\_\_ NASF

Net assignable square feet (NASF) is the sum of all areas on all floors of a building assigned to, or available to be assigned to, an occupant for a specific use, such as research or instruction. NASF is measured from the inside faces of walls.

*NOTE: If the entire project is S&E research, the answers for row b and row c will be the same.*

c. Net assignable square feet for ***S&E research facilities*** portion  
(defined on pages 2–3 of the survey questionnaire) \_\_\_\_\_\_\_\_\_\_ NASF

Research facilities are defined on pages 2–3 of the survey questionnaire, including examples of what areas to include and exclude.

***If the research facilities are also used for nonresearch activities,*** adjust the amount of space based on the amount of time the area is used for S&E research. For example, if an area is used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the space as S&E research facilities.

**Please make additional copies of this form as needed.**

**Individual Project Form for Question 9**

**Page 2 of 4**

9D. When this project is completed, what are the completion costs for (a) the entire project (research and nonresearch), and (b) the S&E research facilities portion of the project? ***For multi-year projects,*** report the costs expected when the project is completed.

Completion costs include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs $1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

a. Completion costs for the GSF of the entire project (research and nonresearch) $ \_\_\_\_\_\_\_\_\_\_

b. Completion costs for the ***S&E research facilities*** portion  
(defined on pages 2–3 of the survey questionnaire) $ \_\_\_\_\_\_\_\_\_\_

***If the research facilities are also used for nonresearch activities,*** adjust the completion costs based on the amount of time the facilities are used for S&E research. For example, if a facility is used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

**Please make additional copies of this form as needed.**

**Individual Project Form for Question 9**

**Page 3 of 4**

9E. For the portion of this project used for ***S&E research facilities,*** what are (1) the completion costs, and  
(2) the net assignable square feet, for each field listed below? ***For multi-year projects,*** report costs and NASF expected when the project is completed.

***Report only fields*** with costs of $250,000 or more for research facilities.

***If research facilities are shared by two or more fields,*** allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a $300,000 project, do not report that field’s share, which is $75,000. If a $400,000 project will have two fields with the same costs, do not report either field’s portion, which is $200,000 each.

***If research facilities are also used for nonresearch activities,*** report the S&E research portion of the cost and net assignable square feet for the fields listed below if the research portion is $250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest

of the time, report one-fourth of the completion costs for S&E research facilities.

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Research facilities | | |  |
| Field of S&E  *(Include research animal space.)* | (1) Completion costs | (2) Net assignable square feet | |  |
| a. Agricultural sciences and natural resources sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| b. Biological and biomedical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| c. Computer and information sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| d. Engineering $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| e. Health and clinical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| f. Mathematics and statistics $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| g. Physical sciences | |  |  | |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| h. Psychology $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| i. Social sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| j. Other field of S&E *(Please describe.)* $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |

**Please make additional copies of this form as needed.**

**Individual Project Form for Question 9**

**Page 4 of 4**

Reminder: Please see page 1 for confidentiality of this item.

9F. How much of the completion costs and NASF reported in Question 9E are for ***research animal space***?

Research animal space includes all departmental and central facilities, such as laboratories, housing, and associated support areas, that are subject to local, state, and federal government policies and regulations concerning humane care and use of laboratory animals.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Completion costs | Net assignable square feet | |  |
| Research animal portion included  in Question 9E *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |

9G. ***If your institution has a medical school,*** how much of the completion costs and NASF reported in Question 9E are for research facilities located in the medical school?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution does ***not*** have a medical

school, check this box and go to Question 10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Completion costs | Net assignable square feet | |  |
| Medical school portion included  in Question 9E *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |

# Question 10: Sources of project funding

10. Please provide the completion costs by source of funding for repair and renovation and new construction of S&E research facilities that started during your FY 2010 or FY 2011 as reported in Question 7 and Question 9E.

***Total costs reported in column 1*** should match the sum of the costs for repair and renovation of research facilities reported in Question 7 on page 10.

***Total costs reported in column 2*** should match the sum of the costs for new construction as reported in Question 9E on all Individual Project Form(s).

|  |  |  |
| --- | --- | --- |
| **Source of funding** | **Completion costs** | |
| (1) For repairs and renovations reported in Question 7 | (2) For new construction reported in Question 9E (all project forms) |
| a. Federal government $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| b. State or local government $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| c. Institutional funds and other sources  Examples: operating funds, endowments, tax-exempt bonds and other debt financing, indirect costs recovered from federal grants/contracts, private donations, other sources $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Total** $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

# Question 11: Planned repairs and renovations to start in FY 2012 and FY 2013

11. Please provide the estimated completion costs planned for repair and renovation of S&E research facilities that are funded **and** scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be $250,000 or more for at least one field of S&E listed below. For **multi-year projects**, report the entire completion cost even if some work will occur in future years.

**Start date** is the date on which the physical work of the repairs or renovations is scheduled to begin.

**Repairs and renovations** are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space. Include any repairs or renovations to existing space that are performed in combination with new construction projects. ***Do not*** report building additions since they are reported in this survey under new construction.

**Completion costs** include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs $1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

***If research facilities are shared by two or more fields,*** allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a $300,000 project, do **not** report that field’s share, which is $75,000. If a $400,000 project will have two fields with the same costs, do **not** report either field’s portion, which is $200,000 each.

***If research facilities will also be used for nonresearch activities,*** report the S&E research portion of the costs for the fields listed below if the research portion is $250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does **not** have planned repair or renovation  
projects, check this box and go to Question 13

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |
| --- | --- |
| **Field of S&E**  *(Include costs for research animal space.)* | **Completion costs for planned repair/renovation projects to start in FY 2012 or FY 2013** |
| a. Agricultural sciences and natural resources sciences $ \_\_\_\_\_\_\_\_\_\_\_ | |
| b. Biological and biomedical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | |
| c. Computer and information sciences $ \_\_\_\_\_\_\_\_\_\_\_ | |
| d. Engineering $ \_\_\_\_\_\_\_\_\_\_\_ | |
| e. Health and clinical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | |
| f. Mathematics and statistics $ \_\_\_\_\_\_\_\_\_\_\_ | |
| g. Physical sciences | |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography $ \_\_\_\_\_\_\_\_\_\_\_ | |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics $ \_\_\_\_\_\_\_\_\_\_\_ | |
| h. Psychology $ \_\_\_\_\_\_\_\_\_\_\_ | |
| i. Social sciences $ \_\_\_\_\_\_\_\_\_\_\_ | |
| j. Other field of S&E *(Please describe.)* $ \_\_\_\_\_\_\_\_\_\_\_ | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

# Question 12: For medical schools only: planned repairs and renovations in FY 2012 and

# FY 2013

12. ***If your institution has a medical school***, how much of the completion costs for planned repair and renovation of research facilities as reported in Question 11 will be located in the medical school?

**Medical school** is a school that awards the M.D. or D.O. degree.

If your institution does ***not*** have a medical

school, check this box and go to Question 13

Medical school portion of the costs

included in Question 11 *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_\_\_

# Question 13: Planned new construction to start in FY 2012 and FY 2013

13. Please provide the estimated completion costs and NASF for planned new construction of S&E research facilities that are funded and scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be $250,000 or more for at least one field of S&E listed below. For **multi-year projects**, report the entire completion cost even if some work will occur in future years.

**Start date** is the date on which the physical work of the construction is scheduled to begin.

**New construction** is the construction of a new building or additions to an existing building.

**Completion costs** include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs  
$1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

***If research facilities are shared by two or more fields,*** allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a $300,000 project, do **not** report that field’s share, which is $75,000. If a $400,000 project will have two fields with the same costs, do **not** report either field’s portion, which is $200,000 each.

***If research facilities are also used for nonresearch activities,*** report the S&E research portion of the costs and net assignable square feet for the fields listed below if the research portion is $250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does ***not*** have any planned new  
construction projects, check this box and go to Question 15

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field of S&E**  *(Include costs for research animal space.)* | **Planned new construction scheduled to start in FY 2012 or FY 2013** | | |  |
| Completion costs | Net assignable square feet | |
| a. Agricultural sciences and natural resources sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| b. Biological and biomedical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| c. Computer and information sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| d. Engineering $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| e. Health and clinical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| f. Mathematics and statistics $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| g. Physical sciences | |  |  | |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| h. Psychology $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| i. Social sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| j. Other field of S&E *(Please describe.)* $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |

# Question 14: For medical schools only: planned new construction in FY 2012 and FY 2013

14. ***If your institution has a medical school***, how much of the completion costs and NASF for the planned new construction of research facilities as reported in Question 13 will be located in the medical school?

**Medical school** is a school that awards the M.D. or D.O. degree.

If your institution does ***not*** have a medical  
school, check this box and go to Question 15

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Completion costs** | **Net assignable square feet** | |  |
| Medical school portion included  in Question 13 *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_ | | \_\_\_\_\_\_\_\_\_\_\_ | NASF | |

# Question 15: Deferred repairs and renovations

15. Please provide the estimated costs for any **deferred repair and renovation** projects of S&E research facilities that are needed for current research program commitments, but are not yet funded **and** not yet scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be $250,000 or more for at least one field of S&E listed below. Please estimate costs separately for projects included in your approved institutional plan and projects not included in this plan. Institutional plans usually will include goals, strategies, and budgets for fulfilling your institution’s mission during a specific time period.

**Deferred projects** are those that: (1) are not funded, and (2) are not scheduled for FY 2012 or FY 2013. Do not include projects planned for developing new programs or expanding your current programs.

**Repairs and renovations** are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space. Include any repairs or renovations to existing space that are performed in combination with new construction projects. ***Do not*** report building additions since they are reported in this survey under new construction.

**Current research program commitments** include current faculty and staff or those to whom offers have been made or grants awarded (whether or not research has actually begun) and programs which have been approved.

***If research facilities will be shared by two or more fields,*** allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a $300,000 project, do **not** report that field’s share, which is $75,000. If a $400,000 project will have two fields with the same costs, do **not** report either field’s portion, which is $200,000 each.

***If research facilities will also be used for nonresearch activities,*** report the S&E research portion of the costs for the fields listed below if the research portion is $250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does ***not*** have deferred projects  
for repair or renovation, check this box and go to Question 17

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |  |
| --- | --- | --- |
| **Field of S&E**  *(Include costs for research animal space.)* | **Estimated costs of deferred repairs and renovations** | |
| For projects included in your institutional plan | For projects ***not*** included in your institutional plan |
| a. Agricultural sciences and natural resources sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| b. Biological and biomedical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| c. Computer and information sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| d. Engineering $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| e. Health and clinical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| f. Mathematics and statistics $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| g. Physical sciences | |  |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| h. Psychology $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| i. Social sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| j. Other field of S&E *(Please describe.)* $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

# Question 16: For medical schools only: deferred repairs and renovations

16. ***If your institution has a medical school***, how much of the estimated costs for deferred repair and renovation of research facilities as reported in Question 15 would be located in the medical school?

**Medical school** is a school that awards the M.D. or D.O. degree.

If your institution does ***not*** have a medical school,  
check this box and go to Question 17

|  |  |  |  |
| --- | --- | --- | --- |
|  | **For projects** **included in your** **institutional plan** | **For projects *not*** **included in your** **institutional plan** |  |
| Medical school portion of the costs  included in Question 15 *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |  |

# Question 17: Deferred new construction

17. Please provide the estimated costs for any **deferred new construction** projects of S&E research facilities that are needed for current program commitments, but are not yet funded **and** not yet scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be $250,000 or more for at least one field of S&E listed below. Please estimate costs separately for projects included in your approved institutional plan and projects not included in this plan. Institutional plans usually will include goals, strategies, and budgets for fulfilling your institution’s mission during a specific time period.

**Deferred projects** are those that: (1) are not funded, and (2) are not scheduled for FY 2012 or FY 2013. Do not include projects planned for developing new programs or expanding your current programs.

**New construction** is the construction of a new building or additions to an existing building.

**Current research program commitments** include current faculty and staff or those to whom offers have been made or grants awarded (whether or not research has actually begun) and programs which have been approved.

***If research facilities will be shared by two or more fields,*** allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a $300,000 project, do **not** report that field’s share, which is $75,000. If a $400,000 project will have two fields with the same costs, do **not** report either field’s portion, which is $200,000 each.

***If research facilities will also be used for nonresearch activities,*** report the S&E research portion of the costs for the fields listed below if the research portion is $250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does ***not*** have deferred projects for  
new construction, check this box and go to Question 19

For Field of S&E definitions, see Question 2 on pages 5–7.

|  |  |  |
| --- | --- | --- |
| **Field of S&E**  *(Include costs for research animal space.)* | **Estimated costs of deferred new construction** | |
| For projects included in your institutional plan | For projects ***not*** included in your institutional plan |
| a. Agricultural sciences and natural resources sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| b. Biological and biomedical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| c. Computer and information sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| d. Engineering $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| e. Health and clinical sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| f. Mathematics and statistics $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| g. Physical sciences | |  |
| Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| h. Psychology $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| i. Social sciences $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| j. Other field of S&E *(Please describe.)* $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

# Question 18: For medical schools only: deferred new construction

18. ***If your institution has a medical school***, how much of the estimated costs for deferred new construction of research facilities as reported in Question 17 would be located in the medical school?

**Medical school** is a school that awards the M.D. or D.O. degree.

If your institution does ***not*** have a medical school,  
check this box and go to Question 19

|  |  |  |  |
| --- | --- | --- | --- |
|  | **For projects** **included in your** **institutional plan** | **For projects *not*** **included in your** **institutional plan** |  |
| Medical school portion of the costs  included in Question 17 *(If none, enter “0.”)* $ \_\_\_\_\_\_\_\_\_\_\_ | | $ \_\_\_\_\_\_\_\_\_\_\_ |  |

# Question 19: Comments

19. Please add any comments for Part 1 below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Crosswalk of NSF Fields of S&E  
to the National Center for Education Statistics (NCES)  
2010 Classification of Instructional Programs (CIP)**

|  | | | |
| --- | --- | --- | --- |
| **NSF field of S&E NCES CIP 2010 classification** | | | |
| **Agricultural sciences and natural resources sciences** | 01.09 Animal sciences  01.10 Food science and technology  01.11 Plant sciences  01.12 Soil sciences  03.01 Natural resources conservation and research (includes environmental science)  03.03 Fishing and fisheries sciences and management | | 03.05 Forestry  03.06 Wildlife and wildlands science and management  Also include:  01.0103 Agricultural economics  03.0204 Natural resources economics |
| **Biological and** **biomedical** **sciences** | 26.01 Biology, general  26.02 Biochemistry, biophysics and molecular biology  26.03 Botany/plant biology  26.04 Cell/cellular biology and anatomical sciences  26.05 Microbiological sciences and immunology  26.07 Zoology/animal biology  26.08 Genetics  26.09 Physiology, pathology, and related sciences  26.10 Pharmacology and toxicology | | 26.11 Biomathematics and bioinformatics  26.12 Biotechnology  26.13 Ecology, evolution and population biology  26.14 Molecular medicine  26.15 Neurobiology and neurosciences  26.99 Biological and biomedical sciences, other  Also include:  19.0504 Human nutrition |
| **Computer and** **information** **sciences** | 11.01 Computer and information sciences, general  11.04 Information science/studies  11.07 Computer science | | 11.08 Computer software and media applications  11.09 Computer systems networking and telecommunications |
| **Engineering** | 14.01 Engineering, general  14.02 Aerospace, aeronautical and astronautical engineering  14.03 Agricultural engineering  14.04 Architectural engineering  14.05 Biomedical/medical engineering  14.06 Ceramic sciences and engineering  14.07 Chemical engineering  14.08 Civil engineering  14.09 Computer engineering, general  14.10 Electrical, electronics and communications engineering  14.11 Engineering mechanics  14.12 Engineering physics  14.13 Engineering science  14.14 Environmental/environmental health engineering  14.18 Materials engineering  14.19 Mechanical engineering  14.20 Metallurgical engineering  14.21 Mining and mineral engineering  14.22 Naval architecture and marine engineering | | 14.23 Nuclear engineering  14.24 Ocean engineering  14.25 Petroleum engineering  14.27 Systems engineering  14.28 Textile sciences and engineering  14.32 Polymer/plastics engineering  14.33 Construction engineering  14.34 Forest engineering  14.35 Industrial engineering  14.36 Manufacturing engineering  14.37 Operations research  14.38 Surveying engineering  14.39 Geological/geophysical engineering  14.40 Paper science and engineering  14.41 Electromechanical engineering  14.42 Mechatronics, robotics, and automation engineering  14.43 Biochemical engineering  14.44 Engineering chemistry  14.45 Biological/biosystems engineering  14.99 Engineering, other |
| **Health and clinical** **sciences** | 51.02 Communication disorders sciences and services  51.04 Dentistry  51.05 Advanced/graduate dentistry and oral sciences  51.09 Allied health diagnostic, intervention, and treatment professions  51.10 Clinical/medical laboratory science/research and allied professions  51.12 Medicine  51.14 Medical clinical sciences/graduate medical studies  51.16 Nursing  51.17 Optometry  51.19 Osteopathic medicine/osteopathy | | 51.20 Pharmacy, pharmaceutical sciences, and administration  51.21 Podiatric medicine/podiatry  51.22 Public health  51.23 Rehabilitation and therapeutic professions  51.24 Veterinary medicine  51.25 Veterinary biomedical and clinical sciences  51.27 Medical illustration and informatics  51.38 Registered nursing, nursing administration, nursing research, and clinical nursing  Also include:  31.0505 Kinesiology and exercise science |
| **Mathematics and** **statistics** | 27.01 Mathematics  27.03 Applied mathematics | | 27.05 Statistics  27.99 Mathematics and statistics, other |
| **Physical sciences** | **Group 1**  40.04 Atmospheric sciences and meteorology  40.06 Geological and earth sciences/geosciences (includes oceanography) |  | |
| **Group 2**  40.01 Physical sciences, general  40.02 Astronomy and astrophysics  40.05 Chemistry  40.08 Physics  40.10 Materials sciences  40.99 Physical sciences, other |
| **Psychology** | 42.01 Psychology, general  42.27 Research and experimental psychology | | 42.28 Clinical, counseling and applied psychology  42.99 Psychology, other |
| **Social sciences** | 45.01 Social sciences, general  45.02 Anthropology  45.03 Archeology  45.04 Criminology  45.05 Demography and population studies  45.06 Economics  45.07 Geography and cartography  45.09 International relations and national security studies  45.10 Political science and government | | 45.11 Sociology  45.12 Urban studies/affairs  45.13 Sociology and anthropology  45.14 Rural sociology  45.99 Social sciences, other  Also include:  43.0106 Forensic science and technology  43.0107 Criminal justice/police science  43.0111 Criminalistics and criminal science |
| **Other field of S&E** | Use this category when multidisciplinary, interdisciplinary, or other aspects make classification under one primary S&E field impossible. | | |

***Thank you. This is the end of Part 1. Part 2, which is bound separately, covers your institution’s computing and networking capacity.***