



University of California-San Diego

Part 1 : Research Space**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 2013. See Question 2 for the definition of research space and fields of S&E.

Types of S&E research space	Did your institution have this type of S&E research space at end of FY 2013?		
	Yes	No	Uncertain
(Mark one for each row.)			
a. Laboratories, wet or dry, including computer laboratories, behavior observation laboratories, etc.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Laboratory support space, including autoclave rooms, darkrooms, equipment areas, storage areas for research equipment and supplies, etc.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Instructional laboratories that are <i>also</i> used for research	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Types of S&E research space			
d. Core laboratories that serve other laboratories	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Leased space that is used for research	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Offices, to the extent they are used for research	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Types of S&E research space			
g. Space used for research containing nonfixed equipment costing \$1 million or more each, such as MRIs	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Research space in a medical school that awards the M.D. or D.O. degree	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reminder: Please see Web Survey Instructions for confidentiality of this item.			
i. Research animal space	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
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.			
j. Research space that is used for clinical trials	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Question 2: Amount of research space

2. At the end of your FY 2013, how much net assignable square feet was used for research 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 space is equivalent to functional category 2 (Research) for facilities inventory systems based on the U.S. Department of Education classification (FICM classification), the Western Interstate Commission for Higher Education (WICHE classification), and the National Association of College and University Business Officers (NACUBO classification).

[For definition of research space, click here.](#)

[Click here to hide definitions.](#)

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. See [Question 1j](#)

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.

Click on the S&E Field List button above for the crosswalk of survey 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 2013
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	<input type="text"/> NASF <input checked="" type="checkbox"/> Check this box if no research space in this field at the end of FY 2013
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	<input type="text" value="303,422"/> NASF <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2013
c. Computer and information sciences	
Computer science Computer software and media applications Computer systems networking and telecommunications Information science	<input type="text"/> NASF <input checked="" type="checkbox"/> Check this box if no research space in this field at the end of FY 2013
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 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	<input type="text" value="533,199"/> NASF <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2013

Environmental health
engineering
Forest engineering
Geological engineering

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

811,984 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

f. Mathematics and statistics

Applied mathematics
Mathematics
Statistics
Mathematics and statistics, other

15,847 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

g. Physical sciences

Group 1: Atmospheric, earth, and geological sciences; meteorology; and
oceanography

316,242 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics

261,973 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

h. Psychology

Applied Psychology
Clinical psychology
Counseling psychology
Research and experimental
psychology
Psychology, other

55,728 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

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

104,390 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

j. Other field of S&E

Use this category when multidisciplinary, interdisciplinary, or
other aspects make classification under one primary S&E field
impossible. [Click here to see Definition of S&E research and
research space.](#)

151,880 NASF

☐ Check this box if no
research space in this field at
the end of FY 2013

(Please describe.)

[Click here to calculate the total NASF you reported for this question.](#)

2,554,665 NASF

Question 3: Research animal space

Reminder: Please see [Web Survey Instructions](#) for confidentiality of this item.

3. At the end of your FY 2013, 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 2013, 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 2013?

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 click **Save**. ☐

Medical school portion of the space included in [Question 2](#) (If none, enter 0.) NASF

Question 6: Condition of research space

Reminder: Please see [Web Survey Instructions](#) for confidentiality of this item.

6. At the end of your FY 2013, what percentage of the research NASF reported in [Question 2](#) fell into each of the four condition categories below? Include research animal space.

[Click here to hide definitions.](#)

Superior condition	Suitable for the most scientifically competitive research in this field over the next 2 years (your FY 2014 and FY 2015)
Satisfactory condition	Suitable for continued use over the next 2 years (your FY 2014 and FY 2015) 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 2014 and FY 2015)
Requires replacement	Should stop using space for current research within the next 2 years (your FY 2014 and FY 2015)

For Field of S&E definitions, see [Question 2](#) or place your cursor on a field name shown below.

Field of S&E (Include research animal space.)	Check this box if no research space in this field	Percent of net assignable square feet (The percentages should sum to 100 within each row.)				Total
		Superior condition	Satisfactory condition	Requires renovation	Requires replacement	
a. Agricultural sciences and natural resources sciences	<input checked="" type="checkbox"/>	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
b. Biological and biomedical sciences	<input type="checkbox"/>	<input type="text"/> 25 %	<input type="text"/> 55 %	<input type="text"/> 20 %	<input type="text"/> 0 %	<input type="text"/> 100 %
c. Computer and information sciences	<input checked="" type="checkbox"/>	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
d. Engineering	<input type="checkbox"/>	<input type="text"/> 60 %	<input type="text"/> 40 %	<input type="text"/> 0 %	<input type="text"/> 0 %	<input type="text"/> 100 %
e. Health and clinical sciences	<input type="checkbox"/>	<input type="text"/> 25 %	<input type="text"/> 40 %	<input type="text"/> 10 %	<input type="text"/> 25 %	<input type="text"/> 100 %
f. Mathematics and statistics	<input type="checkbox"/>	<input type="text"/> 100 %	<input type="text"/> 0 %	<input type="text"/> 0 %	<input type="text"/> 0 %	<input type="text"/> 100 %
g. Physical sciences						
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	<input type="checkbox"/>	<input type="text"/> 5 %	<input type="text"/> 55 %	<input type="text"/> 35 %	<input type="text"/> 5 %	<input type="text"/> 100 %
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	<input type="checkbox"/>	<input type="text"/> 24 %	<input type="text"/> 75 %	<input type="text"/> 0 %	<input type="text"/> 0 %	<input type="text"/> 99 %
h. Psychology	<input type="checkbox"/>	<input type="text"/> 85 %	<input type="text"/> 15 %	<input type="text"/> 0 %	<input type="text"/> 0 %	<input type="text"/> 100 %
i. Social sciences	<input type="checkbox"/>	<input type="text"/> 55 %	<input type="text"/> 35 %	<input type="text"/> 0 %	<input type="text"/> 10 %	<input type="text"/> 100 %
j. Other field of S&E	<input type="checkbox"/>	<input type="text"/> 40 %	<input type="text"/> 60 %	<input type="text"/> 0 %	<input type="text"/> 0 %	<input type="text"/> 100 %

Question 7: Repairs and renovations started in FY 2012 and FY 2013

7. Please provide the completion costs for repair and renovation of S&E research facilities that started during 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.

[Click here to hide definitions.](#)

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.

For Field of S&E definitions, see [Question 2](#) or place your cursor on a field name shown below.

If your institution had no repair or renovation projects, check this box, click **Save**, and go to Question 9. ☐

Field of S&E

(Include costs for research animal space.)

a. Agricultural sciences and natural resources sciences

\$ 0

b. Biological and biomedical sciences

\$ 2,783,536

c. Computer and information sciences

\$ 889,000

d. Engineering

\$ 5,190,000

e. Health and clinical sciences

\$ 22,899,996

f. Mathematics and statistics

\$ 371,098

g. Physical sciences

Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography

\$ 6,186,000

Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics

\$ 754,900

h. Psychology

\$ 1,030,014

i. Social sciences

\$ 789,661

j. Other field of S&E (Please describe.)

\$

[Click here to calculate the total cost you reported for this question.](#)

\$ 40,894,205

Question 8: For medical schools only: repairs and renovations in FY 2012 and FY 2013

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 click **Save**. ☐

Medical school portion of the costs included in [Question 7](#) (If none, enter 0.) \$

Question 9: New construction started in FY 2012 and FY 2013

9. Please provide the total number of new construction projects that included S&E research facilities that started during your FY 2012 or FY 2013. 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.

[Click here to hide definitions.](#)

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

Research facilities are defined in the [definition of research space](#).

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 click **Save**. ☐

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.

A link to a blank Project Form will appear on the List of Survey Questions after you have responded to this question.

Central Research Services Facility - Individual Project Form for Question 9

Please complete this form for **each** new construction project that started during your FY 2012 or FY 2013. 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.

One or more answers on this page may need to be reviewed:

- 9015 The completion costs for GSF for the entire project (Q9Da) should not equal the costs for the S&E research portion (Q9Db). The research portion should include the cost of the building infrastructure but not any other space that can not be assigned for research, such as the cost of hallways and bathrooms.

9A. What is the name of this project?

Central Research Services Facility

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

FY 2012 ☒

FY 2013 ☐

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 NASF

Research facilities are defined in the [definition of research space](#), 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.

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 (see [definition of research](#)) 9K 9015 \$

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.

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](#) or place your cursor on a field name shown below.

Field of S&E (Include research animal space.)	Research facilities	
	(1) Completion costs	(2) Net assignable square feet
a. Agricultural sciences and natural resources sciences	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF

b. Biological and biomedical sciences	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
c. Computer and information sciences	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
d. Engineering	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
e. Health and clinical sciences	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
f. Mathematics and statistics	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
g. Physical sciences		
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
h. Psychology	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
i. Social sciences	\$ <input type="text" value="0"/>	<input type="text" value="0"/> NASF
j. Other field of S&E (Please describe.)	\$ <input type="text" value="30,558,000"/>	<input type="text" value="27,550"/> NASF

Animal Care

Click here to calculate the total costs and NASF that you reported for this question.

\$ NASF

Reminder: Please see [Web Survey Instructions](#) 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 click **Save**. ☐

Completion costs Net assignable square feet

Medical school portion included in [Question 9E](#) (If none, enter 0.) \$ NASF

SIO Research Support Facilities - Individual Project Form for Question 9

Please complete this form for **each** new construction project that started during your FY 2012 or FY 2013. 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.

One or more answers on this page may need to be reviewed:

- ➔ 9015 The completion costs for GSF for the entire project (Q9Da) should not equal the costs for the S&E research portion (Q9Db). The research portion should include the cost of the building infrastructure but not any other space that can not be assigned for research, such as the cost of hallways and bathrooms.

9A. What is the name of this project?

SIO Research Support Facilities

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

FY 2012 ☐

FY 2013 ☒

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 NASF

Research facilities are defined in the [definition of research space](#), 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.

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 (see [definition of research](#)) 9K 9015 \$

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.

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](#) or place your cursor on a field name shown below.

Field of S&E (Include research animal space.)	Research facilities	
	(1) Completion costs	(2) Net assignable square feet
a. Agricultural sciences and natural resources sciences	\$ <input type="text" value="0"/>	<input type="text" value="0"/> 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[Click here to calculate the total costs and NASF that you reported for this question.](#)\$ NASFReminder: Please see [Web Survey Instructions](#) 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.)\$ NASF9G. **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 click **Save**. ☐**Completion costs Net assignable
square feet**Medical school portion included in
[Question 9E](#) (If none, enter 0.)\$ NASF

UCSDMC La Jolla: East Campus Bed Tower - Individual Project Form for Question 9

Please complete this form for **each** new construction project that started during your FY 2012 or FY 2013. 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.

One or more answers on this page may need to be reviewed:

- ➔ 9015 The completion costs for GSF for the entire project (Q9Da) should not equal the costs for the S&E research portion (Q9Db). The research portion should include the cost of the building infrastructure but not any other space that can not be assigned for research, such as the cost of hallways and bathrooms.

9A. What is the name of this project?

UCSDMC La Jolla: East Campus Bed Tower

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

FY 2012 ☒

FY 2013 ☐

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 NASF

Research facilities are defined in the [definition of research space](#), 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.

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 (see [definition of research](#))

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.

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](#) or place your cursor on a field name shown below.

Field of S&E (Include research animal space.)	Research facilities	
	(1) Completion costs	(2) Net assignable square feet
a. Agricultural sciences and natural resources sciences	\$ <input type="text"/>	<input type="text"/> NASF

b. Biological and biomedical sciences\$ NASF**c. Computer and information sciences**\$ NASF**d. Engineering**\$ NASF**e. Health and clinical sciences**\$ 69,000,000 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[Click here to calculate the total costs and NASF that you reported for this question.](#)\$ 69,000,000 NASFReminder: Please see [Web Survey Instructions](#) 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.) \$ NASF9G. **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 click **Save**. ☐**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 2012 or FY 2013 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](#).

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	\$ <input type="text"/>	\$ <input type="text" value="14,286,000"/>
b State or local government	\$ <input type="text"/>	\$ <input type="text" value="75,348,000"/>
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	\$ <input type="text" value="40,894,205"/>	\$ <input type="text" value="16,962,000"/>
Total:	\$ <input type="text" value="40,894,205"/>	\$ <input type="text" value="106,596,000"/>

Question 11: Planned repairs and renovations to start in FY 2014 and FY 2015

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 2014 or FY 2015. 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.

[Click here to hide definitions.](#)

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.

For Field of S&E definitions, see [Question 2](#) or place your cursor on a field name shown below.

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

Field of S&E

(Include costs for research animal space)

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 2014 and FY 2015

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 did **not** have a medical school, check this box and click **Save**. ☐

Medical school portion of the costs included in [Question 11](#) (If none, enter 0.)

\$

Question 13: Planned new construction to start in FY 2014 and FY 2015

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 2014 and FY 2015. 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.

[Click here to hide definitions.](#)

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.

For Field of S&E definitions, see [Question 2](#) or place your cursor on a field name shown below.

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

Planned new construction scheduled to start in FY 2014 or FY 2015

Field of S&E

(Include costs for research animal space.)

a. Agricultural sciences and natural resources sciences

Completion costs	Net assignable square feet
\$ <input type="text"/>	<input type="text"/> NASF

b. Biological and biomedical sciences

\$ <input type="text"/>	<input type="text"/> NASF
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c. Computer and information sciences

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

d. Engineering

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

e. Health and clinical sciences

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

f. Mathematics and statistics

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

g. Physical sciences

Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

h. Psychology

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

i. Social sciences

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

j. Other field of S&E (Please describe.)

\$ <input type="text"/>	<input type="text"/> NASF
-------------------------	---------------------------

Question 14: For medical schools only: planned new construction in FY 2014 and FY 2015

Note: You do not need to answer this question because you reported no planned repair or renovation projects in [Question 13](#).

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 click Save .		<input type="checkbox"/>
	Completion costs	Net assignable square feet
Medical school portion included in Question 13 (If none, enter 0.)	\$ <input type="text" value="0"/>	<input type="text" value="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 2014 or FY 2015. 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.

[Click here to hide definitions.](#)

Deferred projects are those that: (1) are not funded, and (2) are not scheduled for FY 2014 or FY 2015. 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.

For Field of S&E definitions, see [Question 2](#) or place your cursor on a field name shown below.

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

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	\$ <input type="text"/>	\$ <input type="text"/>
b. Biological and biomedical sciences	\$ <input type="text" value="1,720,000"/>	\$ <input type="text"/>
c. Computer and information sciences	\$ <input type="text"/>	\$ <input type="text"/>
d. Engineering	\$ <input type="text" value="1,200,000"/>	\$ <input type="text"/>
e. Health and clinical sciences	\$ <input type="text" value="2,500,000"/>	\$ <input type="text"/>
f. Mathematics and statistics	\$ <input type="text"/>	\$ <input type="text"/>
g. Physical sciences		
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$ <input type="text" value="14,240,000"/>	\$ <input type="text"/>
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$ <input type="text" value="3,192,000"/>	\$ <input type="text"/>
h. Psychology	\$ <input type="text" value="3,307,740"/>	\$ <input type="text"/>
i. Social sciences	\$ <input type="text" value="3,155,000"/>	\$ <input type="text"/>
j. Other field of S&E	\$ <input type="text" value="9,368,000"/>	\$ <input type="text"/>

(Please describe.)

Other includes Vivaria, autoclaves, campus machine shop, and Central utilities, as a high percentage of the utilities supports research activity.

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, click Save . <input type="checkbox"/>		
	For projects included in your institutional plan	For projects <i>not</i> included in your institutional plan
Medical school portion of the costs included in Question 15 (If none, enter 0.)	\$ <input type="text" value="2,500,000"/>	\$ <input type="text"/>

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 2014 or FY 2015. 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.

[Click here to hide definitions.](#)

Deferred projects are those that: (1) are not funded, and (2) are not scheduled for FY 2014 or FY 2015. 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.

For Field of S&E definitions, see [Question 2](#) or place your cursor on a field name shown below.

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

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	\$ <input type="text"/>	\$ <input type="text"/>
b. Biological and biomedical sciences	\$ <input type="text"/>	\$ <input type="text"/>
c. Computer and information sciences	\$ <input type="text"/>	\$ <input type="text"/>
d. Engineering	\$ <input type="text"/>	\$ <input type="text"/>
e. Health and clinical sciences	\$ <input type="text"/>	\$ <input type="text"/>
f. Mathematics and statistics	\$ <input type="text"/>	\$ <input type="text"/>
g. Physical sciences		
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$ <input type="text"/>	\$ <input type="text"/>
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$ <input type="text"/>	\$ <input type="text"/>
h. Psychology	\$ <input type="text"/>	\$ <input type="text"/>
i. Social sciences	\$ <input type="text"/>	\$ <input type="text"/>
j. Other field of S&E (Please describe.)	\$ <input type="text"/>	\$ <input type="text"/>

Question 18: For medical schools only: deferred new construction

Note: You do not need to answer this question because you reported no deferred projects for new construction in [Question 17](#).

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, click Save . <input type="checkbox"/>		
	For projects included in your institutional plan	For projects <i>not</i> included in your institutional plan
Medical school portion of the costs included in Question 17 (If none, enter 0.)	\$ <input type="text"/>	\$ <input type="text"/>

Question 19: Survey Part 1 completion time

19. Considering all offices involved, approximately how long did it take your institution to complete Part 1 of this survey? Please round to the nearest hour. If it took less than 1 hour, report 1 hour.

Number of hours (rounded to nearest hour)	<input type="text" value="12"/>
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- 20. Additional comments for Part 1** Click on this link to enter the comment box below, or place your cursor in the box and enter your comment. Please save your comment once you are finished.

-- The project in #13.g1 has no NASF as it is an off-campus pier supporting oceangoing research vessels for the Marine Sciences. No ASF.
-- For #15, building infrastructure projects were prorated by activity within the building, where explicitly identified. If no building or no discipline was explicitly identified, the project was assumed to be non-research. Non-research support projects (such as roads, sidewalks, tree health and maintenance, damage repair, fire repairs, and building