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National Science Foundation
WHERE DISCOVERIES BEGIN

FY 2021 Survey of Science and Engineering Research Facilities

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University of California-San Diego

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 2021. See Question 2 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 2021?	
(Mark one for each row.)	
Types of S&E research space	Yes No Uncertain
a. Laboratories, wet or dry, including computer laboratories, behavior observation laboratories, etc.	☒ ☐ ☐
b. Laboratory support space, including autoclave rooms, darkrooms, equipment areas, storage areas for research equipment and supplies, etc.	☒ ☐ ☐
c. Instructional laboratories that are also used for research	☒ ☐ ☐
Types of S&E research space	Yes No Uncertain
d. Core laboratories that serve other laboratories	☒ ☐ ☐
e. Leased space that is used for research	☒ ☐ ☐
f. Offices, to the extent they are used for research	☒ ☐ ☐
Types of S&E research space	Yes No Uncertain
g. Space used for research containing nonfixed equipment costing \$1 million or more each, such as MRIs	☒ ☐ ☐
h. Research space in a medical school that awards the M.D. or D.O. degree	☒ ☐ ☐
Reminder: Please see Web Survey Instructions for confidentiality of this item.	
i. Research animal space	☒ ☐ ☐
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	☐ ☐ ☒

[Save & Continue](#)

Question 2: Amount of research space

2. At the end of your FY 2021, 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 Facilities Inventory and Classification Manual (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 1i](#)

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.

Field of S&E (Broad-level disciplines for each field of S&E are listed below. [Click here to see more detailed examples \(PDF - 1MB\)](#).)
(Include research animal space.)

Net assignable square feet of research space at end of FY 2021

a. Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields

Agricultural and domestic animal services	International agriculture
Agricultural and food products processing	Plant pathology and phytopathology, agricultural
Agricultural business and management	Plant sciences
Agricultural mechanization	Soil sciences
Agricultural production operations	Veterinary biomedical and clinical sciences
Agriculture, veterinary preparatory programs	Veterinary medicine
Animal sciences	Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields, other
Applied horticulture and horticultural business services	
Food science and technology	

NASF

☒ Check this box if no research space in this field at the end of FY 2021

b. Biological and biomedical sciences

Anatomical sciences	Microbiological sciences
Animal biology	Molecular biology
Biochemistry	Molecular medicine
Bioinformatics	Neurobiology
Biomathematics	Neurosciences
Biophysics	Nutrition sciences
Biotechnology	Pathology
Botany	Pharmacology
Cell biology	Physiology
Cellular biology	Plant biology
Computational biology	Plant pathology and phytopathology, biological sciences
Ecology	Population biology
Epidemiology	Systematics
Evolution	Toxicology
Foods, nutrition, and wellness studies	Zoology
Genetics	Biological and biomedical sciences, other
Immunology	

334,869 NASF

☐ Check this box if no research space in this field at the end of FY 2021

c. Computer and information sciences

Computer and information technology administration and management	Computer systems networking and telecommunications
	Data processing

NASF

☒ Check this box if no research space in this field at the end of FY 2021

Computer science
Computer software and
media applications
Computer systems analysis

Information science, studies
Computer and information
sciences, other

space in this field at the end of
FY 2021

d. Engineering

Aeronautical engineering
Aerospace engineering
Agricultural engineering
Astronautical engineering
Automation engineering
Bioengineering
Biomedical engineering
Chemical engineering
Civil engineering
Communications engineering
Computer engineering
Electrical engineering
Electronic engineering
Energy systems engineering
Engineering chemistry
Engineering design
Engineering mechanics
Engineering physics
Engineering science
Environmental engineering

Environmental health
engineering
Forest engineering
Industrial engineering
Manufacturing engineering
Marine engineering
Materials engineering
Mechanical engineering
Mechatronics
Medical engineering
Metallurgical engineering
Nanotechnology
Naval architecture
Nuclear engineering
Ocean engineering
Operations research
Paper science
Petroleum engineering
Robotics
Space engineering
Engineering, other

659,186 NASF

☐ Check this box if no research
space in this field at the end of
FY 2021

e. Geosciences, atmospheric sciences, and ocean sciences

Atmospheric sciences
Biological oceanography
Earth sciences
Geological sciences
Marine sciences
Meteorology

Ocean sciences
Oceanography, chemical and
physical
Physical geography
Geosciences, atmospheric sciences,
and ocean sciences, other

338,523 NASF

☐ Check this box if no research
space in this field at the end of
FY 2021

f. Health sciences

Advanced, graduate dentistry
and oral sciences
Allied health and medical
assisting services
Allied health diagnostic,
intervention, and treatment
Alternative and complementary
medicine and medical systems
Bioethics, medical ethics
Clinical laboratory
science/research
Clinical medicine research
Clinical nursing
Communication disorders
sciences and services
Dentistry
Dietetics and clinical
nutrition services
Gerontology, health sciences
Health and medical
administrative services
Health, medical preparatory
programs
Kinesiology and exercise
science
Medical clinical sciences
Medical illustration
Medical informatics
Medical laboratory
science/research

Medicine
Mental and social health
services
Nursing administration
Nursing research
Optometry
Oral sciences
Osteopathic medicine
Osteopathy
Pharmaceutical administration
Pharmaceutical sciences
Pharmacy
Podiatric medicine
Podiatry
Practical nursing
Public health
Radiological science
Registered nursing
Rehabilitation and therapeutic
professions
Vocational nursing
Health sciences, other

813,528 NASF

☐ Check this box if no research
space in this field at the end of
FY 2021

g. Mathematics and statistics

Applied mathematics
Applied statistics
Mathematics

Statistics
Mathematics and statistics, other

18,505 NASF

☐ Check this box if no research

space in this field at the end of
FY 2021**h. Natural resources and conservation**Environmental, natural resources
management and policy
Environmental science or studies
Fishing and fisheries sciences
and management
ForestryNatural resources conservation
and research
Wildlife and wildlands science
and management
Natural resources and
conservation, other NASF☒ Check this box if no research
space in this field at the end of
FY 2021**i. Physical sciences**Astronomy
Astrophysics
Chemical biology
ChemistryMaterials science
Physics
Physical sciences, other 291,843 NASF☐ Check this box if no research
space in this field at the end of
FY 2021**j. Psychology**Applied Psychology
Clinical psychology
Counseling psychologyResearch and experimental
psychology
Psychology, other 60,980 NASF☐ Check this box if no research
space in this field at the end of
FY 2021**k. Social sciences**Anthropology
Agricultural economics
Archeology
Area, ethnic, cultural, gender,
and group studies
Corrections
Criminal justice
Criminology
Demography
Economics
Geography and cartography
Gerontology, social sciencesInternational relations
Linguistics
National security studies
Political science and government
Population studies
Public policy
Rural sociology
Sociology
Urban studies, affairs
Social sciences, other 135,247 NASF☐ Check this box if no research
space in this field at the end of
FY 2021**l. Other field of S&E**Use this category when multidisciplinary, interdisciplinary, or other
aspects make classification under one primary S&E field impossible.
If you are unsure where to report a discipline, [click here to see
more detailed examples for each discipline \(PDF - 1MB\)](#).[Click here to see Definition of S&E research and research space.](#)

(Please describe.)

Campus Research Machine Shop, Animal Care, ORU Core Services

 242,061 NASF☐ Check this box if no research
space in this field at the end of
FY 2021[Click here to calculate the total NASF you reported for this question.](#) 2,894,742 NASF[Save & Continue](#)**Question 3: Research animal space**Reminder: Please see [Web Survey Instructions](#) for confidentiality of this item.

3. At the end of your FY 2021, 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.)

230,817 NASF

Save & Continue

Question 4: Clinical trial research space

4. At the end of your FY 2021, 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.)

53,843 NASF

Save & Continue

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 2021?

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**. ☐

Save & Continue

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

803,518 NASF

Save & Continue

Question 6: Shared research space

6. For each field of S&E below, please indicate whether any of the space in Question 2 was (1) shared with any other field(s); and (2) used for purposes other than research (e.g., instruction) at the end of your FY 2021.

In Question 2, the instructions indicate, "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." If you prorated the NASF in Question 2 according to these instructions, you should answer "yes" in column 1 and/or column 2 in the field(s) below that were prorated due to shared space.

For Field of S&E definitions, see [Question 2](#).

Field of S&E (Include research animal space.)	Check this box if no research space in this field	(1) Was the space in Question 2 shared with any other field(s)?		(2) Was the space in Question 2 used for purposes other than research?	
		Yes	No	Yes	No
a. Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields	☒	☐	☐	☐	☐
b. Biological and biomedical sciences	☐	☒	☐	☐	☒
c. Computer and information sciences	☒	☐	☐	☐	☐

d. Engineering	☐	☒	☐	☐	☒
e. Geosciences, atmospheric sciences, and ocean sciences	☐	☒	☐	☐	☒
f. Health sciences	☐	☒	☐	☐	☒
g. Mathematics and statistics	☐	☒	☐	☐	☒
h. Natural resources and conservation	☒	☐	☐	☐	☐
i. Physical sciences	☐	☒	☐	☐	☒
j. Psychology	☐	☒	☐	☐	☒
k. Social sciences	☐	☒	☐	☐	☒
l. Other field of S&E	☐	☒	☐	☐	☒

[Save & Continue](#)

Question 7: Condition of research space

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

7. At the end of your FY 2021, 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 2022 and FY 2023)
Satisfactory condition	Suitable for continued use over the next 2 years (your FY 2022 and FY 2023) 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 2022 and FY 2023)
Requires replacement	Should stop using space for current research within the next 2 years (your FY 2022 and FY 2023)

For Field of S&E definitions, see [Question 2](#).

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, animal sciences, plant sciences, veterinary sciences, and related fields	☒	0 %	0 %	0 %	0 %	0 %
b. Biological and biomedical sciences	☐	7 %	59 %	34 %	0 %	100 %
c. Computer and information sciences	☒	0 %	0 %	0 %	0 %	0 %

d. Engineering	☐	11 %	83 %	6 %	0 %	100 %
e. Geosciences, atmospheric sciences, and ocean sciences	☐	0 %	69 %	31 %	0 %	100 %
f. Health sciences	☐	10 %	66 %	23 %	0 %	99 %
g. Mathematics and statistics	☐	0 %	100 %	0 %	0 %	100 %
h. Natural resources and conservation	☒					
i. Physical sciences	☐	6 %	56 %	38 %	0 %	100 %
j. Psychology	☐	0 %	100 %	0 %	0 %	100 %
k. Social sciences	☐	4 %	88 %	8 %	0 %	100 %
l. Other field of S&E	☐	8 %	63 %	28 %	1 %	100 %

Question 8: Repairs and renovations started in FY 2020 and FY 2021

8. Please provide the completion costs for repair and renovation of S&E research facilities that started during your FY 2020 or FY 2021. 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](#).

If your institution had no repair or renovation projects, check this box, click **Save**, and go to Question 10.

Field of S&E

Completion costs for projects

(Include costs for research animal space.)

started in FY 2020 or FY 2021**a. Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields**\$ **b. Biological and biomedical sciences**\$ **c. Computer and information sciences**\$ **d. Engineering**\$ **e. Geosciences, atmospheric sciences, and ocean sciences**\$ **f. Health sciences**\$ **g. Mathematics and statistics**\$ **h. Natural resources and conservation**\$ **i. Physical sciences**\$ **j. Psychology**\$ **k. Social sciences**\$ **l. Other field of S&E**\$

(Please describe.)

Click here to calculate the total cost you reported for this question.

\$

Save & Continue

Question 9: For medical schools only: repairs and renovations in FY 2020 and FY 2021

9. **If your institution had a medical school**, how much of the completion costs for repair and renovation of research facilities as reported in [Question 8](#) 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**.

☐

Save & Continue

Medical school portion of the costs included in [Question 8](#) (If none, enter 0.)

\$

Save & Continue

Question 10: New construction started in FY 2020 and FY 2021

10. Please provide the total number of new construction projects that included S&E research facilities that started during your FY 2020 or FY 2021. 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](#).

Project start date is defined as the first placement of permanent construction of a building or addition on site, such as the pouring of a slab or footing, the installation of piles, the construction of columns, or any work beyond the stage of excavation. When determining project start date, please exclude planning, demolition, or other site preparation work.

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. Include such costs whether they occur before or after the project start date.

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**.



Save & Continue

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.

Save & Continue

Question 11: Sources of project funding

11. 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 2020 or FY 2021 as reported in [Question 8](#) and Question 10E.

Total costs reported in column 1 should match the sum of the costs for repair and renovation of research facilities reported in [Question 8](#).

Total costs reported in column 2 should match the sum of the costs for new construction as reported in Question 10E on all Individual Project Form(s).

Source of funding	Completion costs	
	(1) For repairs and renovations reported in Question 8	(2) For new construction reported in Question 10E (all project forms)
a. Federal government	\$ 0	\$ 0
b. State or local government	\$ 1,600,000	\$ 0
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	\$ 146,676,921	\$ 0
Total:	\$ 148,276,921	\$ 0

Save & Continue

Question 12: Planned repairs and renovations to start in FY 2022 and FY 2023

12. 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 2022 or FY 2023. 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](#).

If your institution does **not** have planned repair or renovation projects, check this box, click **Save**, and go to Question 14.

☐ Save & Continue

Field of S&E

(Include costs for research animal space)

Completion costs for planned repair/renovation projects to start in FY 2022 or FY 2023

a. Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields

\$

b. Biological and biomedical sciences

\$

c. Computer and information sciences

\$

d. Engineering

\$

e. Geosciences, atmospheric sciences, and ocean sciences

\$

f. Health sciences

\$

g. Mathematics and statistics

\$

h. Natural resources and conservation

\$

i. Physical sciences

\$

j. Psychology

\$

k. Social sciences

\$

l. Other field of S&E

(Please describe.)

\$

Question 13: For medical schools only: planned repairs and renovations in FY 2022 and FY 2023

13. **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 12](#) 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 12](#) (If none, enter 0.)

\$

29,800,000

Question 14: Planned new construction to start in FY 2022 and FY 2023

14. 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 2022 or FY 2023. 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.](#)

Project start date is defined as the first placement of permanent construction of a building or addition on site, such as the pouring of a slab or footing, the installation of piles, the construction of columns, or any work beyond the stage of excavation. When determining project start date, please exclude planning, demolition, or other site preparation work.

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. Include such costs whether they occur before or after the project start date.

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](#).

If your institution does **not** have any planned new construction projects, check this box, click **Save**, and go to Question 16.

☐

Planned new construction scheduled to start in

FY 2022 or FY 2023

Field of S&E

(Include costs for research animal space.)

a. Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields

Completion costs

Net assignable square feet

\$ 0

0 NASF

b. Biological and biomedical sciences

\$ 0

0 NASF

c. Computer and information sciences

\$ 0

0 NASF

d. Engineering

\$ 0

0 NASF

e. Geosciences, atmospheric sciences, and ocean sciences

\$ 0

0 NASF

f. Health sciences

\$ 83,000,000

80,000 NASF

g. Mathematics and statistics

\$ 0

0 NASF

h. Natural resources and conservation

\$ 0

0 NASF

i. Physical sciences

\$ 0

0 NASF

j. Psychology

\$ 0

0 NASF

k. Social sciences

\$ 0

0 NASF

l. Other field of S&E

(Please describe.)

\$ 0

0 NASF

Save & Continue

Question 15: For medical schools only: planned new construction in FY 2022 and FY 2023

15. **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 14](#) 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**.

☐ Save & Continue

Completion costs

Net assignable square feet

Medical school portion included in [Question 14](#) (If none, enter 0.)

\$ 83,000,000

80,000 NASF

Save & Continue

Question 16: Deferred repairs and renovations

16. 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 2022 or FY 2023. 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 2022 or FY 2023. 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](#).

If your institution does **not** have any deferred projects for repair or renovation, check this box, click **Save**, and go to Question 18.



Save & Continue

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, animal sciences, plant sciences, veterinary sciences, and related fields	\$	\$
b. Biological and biomedical sciences	\$	\$
c. Computer and information sciences	\$	\$
d. Engineering	\$	\$
e. Geosciences, atmospheric sciences, and ocean sciences	\$	\$
f. Health sciences	\$	\$
g. Mathematics and statistics	\$	\$
h. Natural resources and conservation	\$	\$
i. Physical sciences	\$	\$
j. Psychology	\$	\$
k. Social sciences	\$	\$
l. Other field of S&E	\$	\$

(Please describe.)

Save & Continue

Question 17: For medical schools only: deferred repairs and renovations

Note: You do not need to answer this question because you reported no deferred repair or renovation projects in [Question 16](#).

17. **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 16](#) 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**.

☐ Save & Continue

	For projects included in your institutional plan	For projects not included in your institutional plan
Medical school portion of the costs included in Question 16 (If none, enter 0.)	\$ 0	\$ 0

Save & Continue

Question 18: Deferred new construction

18. 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 2022 or FY 2023. 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 2022 or FY 2023. 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](#).

If your institution does **not** have deferred projects for new construction, check this box, click **Save**, and go to Question 20.



Save & Continue

Estimated costs of deferred new construction

Field of S&E

(Include costs for research animal space.)

For projects included in your institutional plan

For projects **not** included in your institutional plan

a. Agricultural sciences, animal sciences, plant sciences, veterinary sciences, and related fields

\$

\$

b. Biological and biomedical sciences

\$

\$

c. Computer and information sciences

\$

\$

d. Engineering

\$

\$

e. Geosciences, atmospheric sciences, and ocean sciences

\$

\$

f. Health sciences

\$

\$

g. Mathematics and statistics

\$

\$

h. Natural resources and conservation

\$

\$

i. Physical sciences

\$

\$

j. Psychology

\$

\$

k. Social sciences

\$

\$

l. Other field of S&E

(Please describe.)

\$

\$

Save & Continue

Question 19: 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 18](#).

19. **If your institution has a medical school**, how much of the estimated costs for deferred new construction of research facilities as reported in [Question 18](#) 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**.



Save & Continue

For projects included in your institutional plan

For projects **not** included in your

institutional plan

Medical school portion of the costs included in [Question 18](#) (If none, enter 0.)

\$ \$ [Save & Continue](#)**20. Additional comments**

Enter any additional comments below. Please save your comment once you are finished.

Due to COVID-19 and staffing cuts both at the campus and department level, our department was under-resourced and may not have been able to obtain timely and accurate information from all involved parties. What is included is what we were able to obtain and reflects the best of our knowledge.