



National Center for Science and  
Engineering Statistics

# Science and Engineering Research Facilities: Fiscal Year 2023

Data Tables | NSF 25-319 | December 17, 2024

## Contents

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General Notes	2
Data Tables	3
Technical Notes	258
Acknowledgments and Suggested Citation	262
Contact Us	263

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## General Notes

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This report provides data from the 2023 Survey of Science and Engineering Research Facilities from the National Center for Science and Engineering Statistics (NCSES) within the U.S. National Science Foundation. The congressionally mandated, biennial survey is an establishment-based survey completed by institutional coordinators at academic institutions. It is a census of all research-performing colleges and universities in the United States that expended at least \$1 million in research and development (R&D) funds in the prior fiscal year.

The tables provide data on the amount of science and engineering research space at eligible U.S. colleges and universities. Additional data are provided on the condition of facilities; current, planned, and deferred repair and renovation; and current, planned, and deferred construction projects. Selected tables provide information reported by all institutions that participated in the survey.

NCSES has reviewed this product for unauthorized disclosure of confidential information and approved its release (NCSES-DRN24-061).

## Data Tables

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### S&E research facilities at academic institutions by field

Table	Title
1	Science and engineering research space in academic institutions, by field, medical school space, and research animal space: FYs 2007–23
2	Science and engineering research space in academic institutions, by field, medical school space, research animal space, and type of institution: FY 2023
3	Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023
4	Condition of science and engineering research space in academic institutions, by field: FY 2023
5	Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023
6	Academic institutions with science and engineering research space shared with other fields or used for purposes other than research, by field: FY 2023
7	Academic institutions with science and engineering research space shared with other fields or used for purposes other than research, by type of institution: FY 2023

### New construction of S&E research facilities at academic institutions

Table	Title
8	New construction of science and engineering research space in academic institutions, by type of institution and time of construction: FYs 2006–25
9	New construction of science and engineering research space in academic institutions, by field, research animal space, and time of construction: FYs 2006–25
10	New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023
11	New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025

## Cost for new construction of S&E research facilities at academic institutions

Table	Title
12	Costs for new construction of science and engineering research space in academic institutions, by field, research animal space, and time of construction: FYs 2006–25
13	Costs for new construction of research animal space in academic institutions, by type of institution and time of construction: FYs 2006–23
14	Costs and space for new construction of science and engineering research space in academic institutions, by type of institution and time of construction: FYs 2006–25
15	Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023
16	Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025
17	Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25

## Cost for repair and renovation of S&E research facilities at academic institutions

Table	Title
18	Costs for repair and renovation of science and engineering research space in academic institutions, by field, research animal space, and time of repair and renovation: FYs 2006–25
19	Costs for repair and renovation of science and engineering research space in academic institutions, by type of institution and time of repair and renovation: FYs 2006–25
20	Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023
21	Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025
22	Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

## Academic institutions with repair and renovation or new construction projects of S&E research facilities

Table	Title
23	Academic institutions with science and engineering repair and renovation or new construction projects, by type of institution: Started in FY 2022 or FY 2023

## Source of funds for new construction or repair and renovation of S&E research facilities at academic institutions

Table	Title
24	Source of funds for new construction of science and engineering research space in academic institutions, by type of institution: FY 2022 or FY 2023
25	Source of funds for repair and renovation of science and engineering research space in academic institutions, by type of institution: FY 2022 or FY 2023
26	Source of funds for new construction of science and engineering research space in academic institutions, by year of project start and type of institution: FYs 1986–2023
27	Source of funds for repair and renovation of science and engineering research space in academic institutions, by year of project start and type of institution: FYs 1986–2023

## Estimated costs of deferred construction or repair and renovation projects of S&E research facilities at academic institutions

Table	Title
28	Estimated costs of deferred projects to construct or repair and renovate science and engineering research space in academic institutions, by field and type of project: FY 2023
29	Estimated costs of deferred projects to construct or repair and renovate science and engineering research space in academic institutions, by type of institution and project: FY 2023

TABLE 1

**Science and engineering research space in academic institutions, by field, medical school space, and research animal space: FYs 2007–23**

(Net assignable square feet in millions)

Field, medical school space, and research animal space	FY 2007	FY 2009	FY 2011	FY 2013	FY 2015	FY 2017	FY 2019	FY 2021	FY 2023
All research space	187.9	196.1	202.2	211.8	214.5	221.2	226.9	236.1	240.2
Agricultural sciences	27.9	29.5	27.6	30.5	28.3	29.0	28.4	32.4	31.5
Biological and biomedical sciences	44.8	50.3	53.7	57.2	55.9	57.7	58.3	60.0	61.2
Computer and information sciences	4.8	5.2	5.0	4.3	4.3	4.2	4.6	4.6	5.0
Engineering	28.4	30.2	31.7	33.4	34.2	35.2	38.3	40.5	42.0
Geosciences, atmospheric sciences, and ocean sciences	8.4	8.0	7.8	7.8	8.1	8.5	8.6	9.0	9.2
Health sciences	37.0	36.3	36.7	38.0	39.2	39.8	41.1	40.3	40.0
Mathematics and statistics	1.6	1.5	1.5	1.7	1.8	1.8	1.8	1.8	1.9
Natural resources and conservation	na	na	na	na	3.5	4.3	4.7	4.9	5.1
Physical sciences	20.3	20.5	21.8	22.9	22.7	23.2	23.5	23.9	24.7
Psychology	4.9	5.2	5.5	5.5	5.5	5.6	5.9	5.8	6.1
Social sciences	6.0	5.5	5.7	5.7	6.0	6.1	6.4	6.7	6.7
Other fields of S&E	3.7	3.9	5.2	4.8	4.9	5.8	5.3	6.2	6.8
Medical school space <sup>a</sup>	43.8	44.3	47.6	48.6	48.6	47.5	49.7	51.5	52.2
Research animal space <sup>b</sup>	17.8	18.1	18.4	18.9	19.2	19.2	18.9	19.2	19.8

na = not applicable; see notes below.

S&amp;E = science and engineering.

<sup>a</sup> Medical school space is listed separately and is also included in individual field totals.<sup>b</sup> Research animal space is listed separately and is also included in individual field totals.**Note(s):**

In FY 2015, "Agricultural sciences and natural resources sciences" was split into "Agricultural sciences" and "Natural resources and conservation." Prior to FY 2015, data for "Natural resources and conservation" are included in "Agricultural sciences." For details on field changes in FY 2023, see "Changes in the questionnaire" in the ["Technical Notes"](#) section. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 2

**Science and engineering research space in academic institutions, by field, medical school space, research animal space, and type of institution: FY 2023**

(Net assignable square feet in millions)

Field, medical school space, and research animal space	All institutions	Doctorate granting			Nondoctorate granting
		All	Public	Private	
All research space	240.2	230.4	172.2	58.2	9.7
Agricultural sciences	31.5	30.7	29.8	1.0	0.8
Biological and biomedical sciences	61.2	58.9	38.7	20.2	2.3
Computer and information sciences	5.0	4.6	3.1	1.5	0.4
Engineering	42.0	40.9	31.5	9.4	1.1
Geosciences, atmospheric sciences, and ocean sciences	9.2	8.6	7.1	1.5	0.6
Health sciences	40.0	39.3	27.5	11.8	0.7
Mathematics and statistics	1.9	1.5	1.0	0.5	0.3
Natural resources and conservation	5.1	4.7	4.3	0.4	0.4
Physical sciences	24.7	22.8	15.9	6.9	1.9
Psychology	6.1	5.5	4.2	1.3	0.6
Social sciences	6.7	6.1	4.3	1.8	0.5
Other fields of S&E	6.8	6.8	4.9	1.9	0.1
Medical school space <sup>a</sup>	52.2	52.0	31.0	21.0	0.2
Research animal space <sup>b</sup>	19.8	19.1	14.4	4.6	0.8

S&amp;E = science &amp; engineering.

<sup>a</sup> Medical school space is listed separately and is also included in individual field totals.<sup>b</sup> Research animal space is listed separately and is also included in individual field totals.**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 3

**Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023**

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
All institutions	-	240,156	31,502	61,176	4,987	42,041	9,201	39,984	1,879	5,126	24,735	6,060	6,654	6,812
U. Georgia	1	3,978	1,987	396	3	187	232	418	*	305	98	41	15	297
U. Florida	2	3,884	1,586	572	21	432	23	558	5	97	217	36	44	294
U. Minnesota, Twin Cities	3	3,765	1,395	531	15	311	165	781	48	109	202	113	95	*
Johns Hopkins U.	4	3,704	0	684	199	1,362	33	600	22	0	404	90	68	242
U. Illinois, Urbana-Champaign	5	3,312	974	432	148	656	20	47	6	379	202	73	24	352
Texas A&M U., College Station and Health Science Center	6	3,293	790	620	5	983	119	163	30	35	295	85	85	84
U. California, Davis	7	3,244	911	964	*	350	30	402	15	103	174	37	70	187
U. Wisconsin-Madison	8	3,240	413	903	31	451	108	636	7	35	340	146	106	63
Ohio State U.	9	3,079	1,114	661	24	409	62	567	3	55	102	48	33	0
U. California, Los Angeles	10	2,877	0	406	31	264	124	1,216	40	19	322	81	148	226
North Carolina State U.	11	2,764	1,202	450	39	688	61	8	63	43	148	13	39	11
U. California, Berkeley	12	2,708	74	722	80	612	72	58	36	288	387	44	219	117
Georgia Institute of Technology	13	2,704	0	99	72	2,314	19	25	0	0	113	24	5	31
U. California, San Diego	14	2,659	0	344	0	539	348	734	26	0	269	54	117	229
Michigan State U.	15	2,620	907	528	23	221	24	127	14	99	426	48	74	128
Pennsylvania State U., University Park and Hershey Medical Center	16	2,611	386	570	22	738	64	369	20	108	226	41	66	0
Yale U.	17	2,590	0	777	34	116	41	1,051	18	48	241	41	179	44
Harvard U.	18	2,548	32	1,171	40	209	145	66	69	0	400	61	306	51
Northwestern U.	19	2,479	0	403	19	385	24	877	22	9	277	43	153	268
U. Kentucky	20	2,477	764	657	9	313	98	489	5	16	86	21	20	0
Purdue U., West Lafayette	21	2,355	786	216	40	752	31	173	8	30	258	41	20	0
U. Nebraska, Lincoln and Medical Center	22	2,283	893	526	14	143	9	461	0	47	95	13	61	21
Mississippi State U.	23	2,251	1,117	101	11	547	28	219	12	26	90	23	78	0
U. Washington, Seattle	24	2,246	0	404	68	373	145	883	0	103	191	25	32	23
Washington State U.	25	2,174	928	374	21	239	24	337	6	22	150	40	32	0
Columbia U. in the City of New York	26	2,066	0	628	37	261	211	485	28	28	276	54	58	0
U. Michigan, Ann Arbor	27	2,054	12	572	3	487	47	566	4	13	176	33	81	59
Cornell U.	28	1,956	605	746	12	165	5	2	1	39	297	12	9	63
U. California, San Francisco	29	1,947	0	335	0	0	0	1,396	0	0	0	0	6	211
U. Pennsylvania	30	1,935	*	727	37	144	10	801	4	0	130	25	54	4
U. Maryland <sup>a</sup>	31	1,877	219	446	15	274	3	671	*	0	154	30	37	27



TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Pittsburgh, Pittsburgh	32	1,801	29	652	17	114	14	694	18	0	187	45	31	0
Massachusetts Institute of Technology	33	1,794	0	274	112	637	47	0	8	0	506	0	33	177
Rutgers, State U. New Jersey, New Brunswick	34	1,786	269	547	11	148	30	604	0	31	55	61	29	0
U. California, Irvine	35	1,741	0	465	62	315	49	445	17	0	246	50	93	0
U. Arizona	36	1,720	303	321	10	174	210	171	3	52	371	16	34	55
Virginia Polytechnic Institute and State U.	37	1,717	637	188	10	435	19	143	1	70	59	10	1	143
Wake Forest U.	38	1,704	3	882	4	29	0	744	0	4	19	14	5	0
U. Utah	39	1,699	0	423	57	253	62	663	2	0	176	28	34	2
Stanford U.	40	1,665	0	546	23	258	50	487	6	7	242	16	17	13
U. Texas, Austin	41	1,629	0	217	47	520	69	72	2	0	167	39	27	469
U. Tennessee, Knoxville	42	1,583	1,011	91	24	271	0	0	4	49	105	3	15	8
Iowa State U.	43	1,564	1,053	184	4	154	4	1	1	4	97	8	6	48
U. Texas M. D. Anderson Cancer Center	44	1,506	65	1,441	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Chapel Hill	45	1,427	75	415	27	49	32	610	12	0	136	32	39	0
Louisiana State U., Baton Rouge	46	1,422	566	164	2	255	160	17	7	39	148	11	32	21
U. Virginia, Charlottesville	47	1,405	86	269	15	211	0	470	17	76	175	37	47	0
U. Texas Southwestern Medical Center	48	1,399	0	715	0	57	0	621	0	0	0	7	0	0
Washington U., Saint Louis	49	1,382	0	545	13	84	33	562	2	0	128	8	6	0
Wichita State U.	50	1,338	0	18	0	1,263	8	6	2	0	26	5	7	4
North Dakota State U.	51	1,304	1,069	75	4	37	8	16	1	9	36	11	2	36
U. Wyoming	52	1,300	446	166	29	201	86	63	25	75	124	23	61	0
Arizona State U.	53	1,294	2	306	7	415	88	94	14	9	226	52	58	22
SUNY, Stony Brook U.	54	1,281	0	361	67	200	132	232	34	7	188	40	10	11
U. Chicago	55	1,275	0	564	14	71	28	352	5	0	196	33	11	2
U. Oklahoma, Norman and Health Science Center	56	1,275	29	378	14	247	313	69	4	10	147	17	45	0
Tulane U.	57	1,192	0	143	4	42	43	306	15	8	65	23	64	479
U. California, Riverside	58	1,170	344	206	5	179	40	41	17	0	154	40	23	121
Colorado State U., Fort Collins	59	1,163	274	199	6	233	55	67	9	159	86	12	8	56
U. Colorado Boulder	60	1,099	0	229	22	282	207	9	3	47	179	65	11	45
U. Louisiana, Lafayette	61	1,084	50	513	85	126	41	30	4	96	33	13	51	43
New York U.	62	1,084	0	865	0	119	0	11	4	0	58	20	6	0
U. Southern California	63	1,082	0	250	155	194	22	294	0	34	64	13	10	47
Boston U.	64	1,067	0	532	27	156	19	188	4	0	101	14	26	0
Clemson U.	65	1,051	347	90	16	419	27	5	17	16	80	7	7	20

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
California Institute of Technology	66	1,047	0	269	21	236	100	0	9	0	401	0	11	0
Vanderbilt U. and Vanderbilt U. Medical Center <sup>b</sup>	67	1,044	0	328	48	84	6	492	2	0	60	19	5	0
Wayne State U.	68	1,032	0	200	12	123	6	317	9	0	114	59	59	132
Emory U.	69	1,031	0	445	*	0	0	401	12	20	100	40	13	0
U. Illinois, Chicago	70	1,010	0	314	10	107	7	403	3	*	86	10	17	53
Duke U.	71	983	0	381	5	114	9	334	2	17	94	13	13	0
U. Mississippi	72	941	0	810	*	20	2	58	0	0	43	4	4	0
U. Connecticut	73	940	66	252	5	104	42	282	3	8	94	22	4	58
U. Massachusetts, Medical School	74	912	0	623	0	0	0	289	0	0	0	0	0	0
U. California, Santa Barbara	75	905	0	159	26	246	80	1	9	34	171	44	91	44
U. Rochester	76	905	0	321	7	52	9	262	*	0	215	36	3	0
U. Hawaii, Manoa	77	904	75	227	6	190	133	171	2	12	73	2	15	0
U. Kansas	78	899	0	254	12	114	50	308	7	21	78	31	24	0
Baylor C. of Medicine	79	888	0	790	0	0	0	98	0	0	0	0	0	0
U. Colorado Anschutz Medical Campus	80	882	0	198	0	17	0	667	0	0	0	0	0	0
Oregon Health and Science U.	81	854	0	452	5	23	0	357	0	3	0	8	6	0
Texas Tech U.	82	854	272	126	3	215	46	11	4	20	92	13	8	43
U. Delaware	83	853	212	27	10	232	78	68	6	14	122	27	30	27
Kansas State U.	84	828	490	128	6	84	6	30	1	16	53	9	4	0
U. Alabama, Birmingham	85	824	0	237	1	53	0	498	*	0	21	15	1	0
U. South Florida	86	823	0	59	15	119	139	316	1	1	86	32	56	0
Dartmouth C.	87	819	0	272	45	140	18	158	18	11	78	33	43	2
Oklahoma State U., Stillwater	88	806	382	157	4	140	21	2	1	12	73	10	2	0
Princeton U.	89	799	0	206	35	211	36	0	22	0	228	11	51	0
U. Maine	90	796	290	70	24	231	95	2	*	23	34	7	12	7
U. Missouri, Columbia	91	786	227	123	31	84	8	75	1	153	50	25	6	2
U. Arkansas, Fayetteville	92	785	360	85	7	168	27	21	5	8	75	11	17	0
Oregon State U.	93	783	166	143	24	189	84	52	*	80	39	1	5	0
Icahn School of Medicine at Mount Sinai	94	779	0	754	25	0	0	0	0	0	0	0	0	0
Utah State U.	95	760	310	35	2	324	2	3	*	51	29	3	1	0
U. South Carolina, Columbia	96	759	0	126	19	199	66	148	0	1	102	49	48	0
U. Cincinnati	97	759	0	189	2	191	19	241	4	0	81	10	15	7
Indiana U.-Purdue U., Indianapolis	98	757	0	169	7	41	10	483	0	0	30	11	5	0
Virginia Commonwealth U.	99	734	0	225	23	125	0	289	13	4	25	8	14	7

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Medical U. South Carolina	100	732	0	454	0	13	0	265	0	0	0	0	0	0
SUNY, U. Buffalo	101	727	0	203	16	133	18	216	2	1	92	29	16	0
U. Texas, Dallas	102	707	0	141	22	327	32	30	*	0	107	10	3	34
Tufts U.	103	706	143	229	15	105	6	146	1	0	43	17	2	0
South Dakota State U.	104	704	544	39	0	50	0	11	1	25	26	4	3	0
U. Houston	105	702	1	130	26	224	41	90	3	7	154	21	5	0
CUNY, City C.	106	695	0	124	37	141	19	35	11	0	261	30	36	1
U. Iowa	107	694	0	221	3	103	4	255	1	2	81	24	1	1
U. Central Florida	108	689	4	235	51	162	19	25	5	41	98	19	25	7
U. California, Santa Cruz	109	678	0	140	25	96	132	0	14	0	176	24	53	19
Case Western Reserve U.	110	674	0	287	0	122	2	194	0	0	43	3	7	16
U. New Mexico	111	667	0	177	25	137	31	204	3	5	27	14	40	3
U. Texas Health Science Center, San Antonio	112	667	0	351	0	0	0	315	0	0	0	0	0	0
Carnegie Mellon U.	113	646	0	59	117	375	0	0	5	0	50	27	7	6
U. Massachusetts, Amherst	114	645	93	122	34	175	21	29	3	22	95	48	5	0
U. Southern Mississippi	115	635	2	278	4	63	46	27	3	92	96	7	11	5
Saint Louis U.	116	633	0	284	2	48	9	208	*	0	68	10	4	0
U. Notre Dame	117	633	0	133	2	227	7	31	25	0	175	23	11	0
SUNY, Polytechnic Institute	118	630	0	6	*	609	0	0	0	*	14	1	0	0
Indiana U., Bloomington	119	629	0	209	13	23	36	60	0	20	171	71	19	7
George Washington U.	120	622	0	205	29	98	0	167	4	1	72	4	10	32
U. Louisville	121	591	*	95	0	104	0	326	0	0	46	15	3	1
Dillard U.	122	588	0	120	43	15	154	45	47	50	68	23	23	0
West Virginia U.	123	581	201	81	3	116	11	56	*	44	50	3	4	11
U. Nevada, Reno	124	564	92	150	19	115	35	6	0	17	97	18	14	0
Florida International U.	125	562	0	183	19	96	19	27	*	16	51	146	3	1
Northeastern U.	126	549	0	49	38	196	18	69	2	0	79	29	29	39
U. Oregon	127	547	0	170	13	63	56	8	3	4	127	64	33	7
U. Dayton	128	543	0	18	7	500	2	0	0	0	15	1	0	0
Albert Einstein C. of Medicine	129	539	0	275	0	0	0	210	0	0	0	0	0	54
Scripps Research Institute	130	535	0	535	0	0	0	0	0	0	0	0	0	0
Rockefeller U.	131	533	0	506	0	0	0	27	0	0	0	0	0	0
Illinois State U.	132	521	138	72	67	0	20	79	13	0	84	21	26	0
U. Idaho	133	519	218	76	5	63	16	9	1	55	41	7	21	7

TABLE 3

**Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023**

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Texas, Arlington	134	515	0	83	41	205	14	56	2	0	98	15	1	0
U. Toledo	135	508	8	124	0	86	24	130	4	29	74	18	11	0
Florida State U.	136	507	0	49	4	129	63	65	3	0	141	47	7	0
U. California, Merced	137	501	14	72	4	131	3	12	12	17	115	26	45	49
Southern Illinois U., Carbondale	138	499	129	99	5	30	59	31	1	41	69	15	16	5
New Mexico State U.	139	498	298	29	19	84	1	4	1	15	36	3	9	*
Howard U.	140	493	0	142	10	58	15	175	2	0	18	16	50	8
Medical C. Wisconsin	141	490	0	178	1	13	0	201	0	0	0	0	0	97
Temple U.	142	486	0	95	6	40	8	214	*	0	76	35	12	0
U. Texas Health Science Center, Houston	143	480	0	278	0	0	0	189	0	0	0	14	0	0
Fort Valley State U.	144	461	188	57	18	20	0	33	55	0	63	14	14	0
Auburn U., Auburn	145	453	109	38	9	167	1	17	*	47	51	12	*	0
Georgetown U.	146	450	0	133	2	0	0	196	1	8	38	2	69	0
U. Texas Medical Branch	147	442	0	348	0	0	0	94	0	0	0	0	0	0
U. Alaska, Fairbanks	148	434	42	75	12	92	125	10	1	12	22	7	3	33
Drexel U.	149	434	3	123	8	128	2	90	6	12	32	8	1	20
U. Wisconsin-Milwaukee	150	432	0	53	22	108	92	35	3	0	72	23	23	0
U. Puerto Rico, Medical Sciences Campus	151	431	0	345	0	0	0	81	0	0	0	5	0	0
Rice U.	152	404	0	50	8	195	12	0	8	0	92	6	8	24
Brown U.	153	401	0	117	19	67	23	56	28	8	48	27	7	0
San Diego State U.	154	393	0	66	8	45	20	62	1	0	38	83	12	58
Duquesne U.	155	387	0	74	5	9	0	138	5	0	98	7	50	0
U. Miami	156	382	0	126	1	12	17	172	0	14	29	11	*	0
Michigan Technological U.	157	373	0	23	4	217	40	7	2	0	32	2	1	44
U. Massachusetts, Lowell	158	366	0	47	33	156	6	20	0	0	100	3	1	0
Loyola U., Chicago	159	365	0	269	6	3	11	59	6	0	3	2	6	0
U. Vermont	160	363	18	123	3	19	5	121	1	18	19	9	3	21
Brigham Young U., Provo	161	362	0	61	12	86	15	17	0	55	79	10	16	12
Woods Hole Oceanographic Institution	162	360	0	60	8	118	112	0	5	0	53	0	4	0
Cold Spring Harbor Laboratory	163	360	36	311	7	0	0	2	0	0	4	0	0	0
U. Maryland, Baltimore County	164	358	13	57	47	76	10	6	7	8	64	19	24	28
U. New Hampshire	165	357	101	44	14	61	64	5	*	16	32	10	3	6
George Mason U.	166	345	0	97	31	51	16	20	3	10	36	27	37	16
U. Tennessee, Health Science Center	167	338	0	277	19	1	0	40	0	0	0	0	0	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. North Texas, Health Science Center	168	335	0	207	0	0	0	128	0	0	0	0	0	0
U. Memphis	169	331	8	36	29	54	14	59	13	0	33	18	49	18
William & Mary	170	329	0	44	1	0	178	4	0	8	43	14	19	18
Montana State U., Bozeman	171	324	146	35	3	55	7	1	1	7	67	0	4	0
U. Akron	172	324	0	51	1	237	2	1	1	0	26	5	1	0
U. Rhode Island	173	322	43	71	2	58	100	13	0	0	27	6	2	0
Augusta U.	174	321	0	250	2	0	0	64	1	1	2	*	1	0
East Carolina U.	175	321	0	133	8	3	18	120	0	0	26	5	7	0
U. Texas, El Paso	176	317	0	83	12	100	20	12	3	5	38	23	17	5
Tuskegee U.	177	309	96	28	13	153	0	19	0	0	0	0	0	0
Alabama State U.	178	308	0	70	35	5	0	80	35	0	25	33	25	0
U. North Carolina, Charlotte	179	306	0	38	26	115	7	22	4	0	61	12	22	0
U. Alabama, Tuscaloosa	180	303	0	71	9	116	12	6	0	7	60	9	14	0
Florida Atlantic U.	181	303	39	132	8	33	10	1	0	3	23	10	5	38
Rensselaer Polytechnic Institute	182	299	0	4	9	222	9	0	5	0	24	7	9	8
Baylor U.	183	297	1	64	6	63	31	23	8	7	71	10	12	0
Central Michigan U.	184	296	14	118	5	29	9	36	9	5	32	26	13	0
Morgan State U.	185	293	2	79	3	59	22	5	3	3	35	37	43	2
U. North Dakota	186	288	0	55	1	161	9	10	0	0	25	6	2	18
North Carolina A&T State U.	187	286	55	10	3	83	1	54	30	46	5	0	0	0
Missouri U. of Science and Technology	188	285	0	13	8	196	20	0	*	5	42	1	0	0
Georgia Southern U.	189	284	5	43	2	186	3	10	1	5	14	8	7	0
Thomas Jefferson U.	190	283	0	272	0	0	0	5	0	0	0	0	6	0
SUNY, Upstate Medical U.	191	282	0	273	0	0	0	9	0	0	0	0	0	0
U. Alabama, Huntsville	192	278	1	15	24	136	22	2	5	1	71	1	1	0
U. Montana, Missoula	193	278	59	92	2	0	19	61	3	4	19	1	6	13
U. Arkansas for Medical Sciences	194	274	0	174	0	0	0	100	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	195	272	40	43	4	87	9	15	7	8	53	2	2	4
U. Texas, San Antonio	196	269	10	30	11	87	11	0	1	10	63	14	32	0
Rochester Institute of Technology	197	266	0	10	29	124	0	8	5	1	48	3	1	36
U. Nevada, Las Vegas	198	265	0	44	11	54	14	40	*	0	42	20	11	28
Old Dominion U.	199	264	9	36	5	64	42	10	0	0	50	11	2	35
Louisiana Tech U.	200	263	13	2	27	147	0	14	5	1	38	3	11	2
Embry-Riddle Aeronautical U.	201	263	0	0	12	189	*	0	1	0	23	3	0	34

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Florida Institute of Technology	202	261	0	65	15	86	12	0	2	0	60	22	0	0
U. Maryland, Eastern Shore	203	261	106	74	14	7	0	24	2	7	3	0	24	0
Meharry Medical C.	204	260	0	183	2	0	0	75	0	0	0	0	0	0
Northern Arizona U.	205	259	0	118	11	24	27	17	2	19	23	7	12	0
U. Puerto Rico, Mayaguez	206	258	61	34	1	70	33	0	2	0	54	1	1	0
U. Maryland Center for Environmental Science	207	257	20	76	0	0	147	0	7	0	0	0	7	0
Lehigh U.	208	256	0	22	0	127	14	11	0	0	67	12	2	0
Brandeis U.	209	253	0	107	9	0	0	0	6	0	53	21	55	2
Prairie View A&M U.	210	251	174	10	1	33	0	12	1	0	16	1	1	2
Kent State U.	211	244	0	62	9	6	10	12	3	0	93	29	21	0
Bowling Green State U.	212	241	0	62	6	4	18	27	8	2	58	34	21	0
San Jose State U.	213	240	13	64	9	38	34	12	3	1	59	3	4	0
Louisiana State U., Health Sciences Center, New Orleans	214	237	0	165	0	0	0	72	0	0	0	0	0	0
Delaware State U.	215	237	30	33	13	4	2	15	2	8	78	31	19	1
SUNY, Binghamton U.	216	236	0	15	17	96	4	15	1	0	36	34	11	7
Southern U. and A&M C., Baton Rouge	217	235	18	20	23	70	0	2	6	52	26	2	16	0
Miami U.	218	234	0	64	5	21	16	6	*	10	66	25	8	13
Texas Tech U., Health Sciences Center	219	232	0	61	0	0	0	171	0	0	0	0	0	0
U. Texas Rio Grande Valley	220	230	2	14	4	33	23	70	0	0	69	8	1	7
U. North Texas, Denton	221	230	0	85	17	75	0	5	1	1	37	6	1	1
Texas State U.	222	227	4	43	6	37	3	26	1	14	35	5	54	0
U. Missouri, Kansas City	223	221	0	27	3	46	6	110	*	0	14	10	1	3
North Carolina Central U.	224	218	0	0	0	0	0	0	0	0	0	0	0	218
Idaho State U.	225	217	0	55	4	86	12	23	1	0	19	3	6	8
SUNY, U. Albany	226	217	0	42	6	15	32	16	2	9	38	9	43	6
Northeast Ohio Medical U.	227	216	0	197	0	0	0	19	0	0	0	0	0	0
Georgia State U.	228	216	0	104	*	0	6	9	0	0	69	27	1	0
Florida A&M U.	229	214	103	10	0	29	0	35	0	7	29	*	0	0
Mercer U.	230	211	0	0	2	114	0	72	2	0	16	4	2	0
Nova Southeastern U.	231	209	0	53	0	0	87	61	*	1	*	5	0	0
U. South Alabama	232	208	0	76	1	33	17	64	0	0	9	4	5	0
U. Wisconsin-Platteville	233	207	120	5	2	58	1	0	0	3	13	1	6	0
Marshall U.	234	202	*	96	1	47	1	27	1	0	9	2	*	17

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

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Syracuse U.	235	201	*	41	3	43	16	6	1	0	46	13	8	23
U. North Carolina, Greensboro	236	199	0	53	4	0	1	33	2	4	32	21	35	15
U. Minnesota, Duluth	237	195	0	17	1	26	19	*	0	98	2	3	6	21
Rush U.	238	193	0	32	0	0	0	111	0	0	0	2	0	47
Boston C.	239	190	0	46	3	7	23	4	4	0	58	17	30	0
C. Charleston	240	187	0	58	8	2	19	22	1	0	47	14	15	0
Tennessee State U.	241	178	127	26	4	6	2	3	2	0	6	3	0	0
Liberty U.	242	176	*	82	7	0	0	53	2	*	21	5	6	0
CUNY, Hunter C.	243	176	0	34	2	0	5	29	3	0	38	29	28	7
Southern Methodist U.	244	174	0	23	28	45	21	6	1	0	30	8	13	0
Lamar U.	245	172	1	5	11	55	10	12	4	6	28	1	9	29
Portland State U.	246	170	0	35	9	46	4	1	5	12	30	4	21	3
Murray State U.	247	169	46	19	11	24	5	19	2	16	12	3	8	3
Worcester Polytechnic Institute	248	168	0	29	12	101	0	9	3	0	12	2	1	0
Wright State U.	249	166	3	73	11	29	0	4	0	12	20	10	2	0
California State U., Long Beach	250	165	0	44	6	58	3	10	2	0	22	14	6	0
Occidental C.	251	163	0	48	0	0	21	1	10	0	48	2	33	0
U. Colorado Colorado Springs	252	163	0	25	5	23	5	49	3	0	24	11	14	3
Colorado State U., Pueblo	253	161	0	34	2	40	0	38	9	0	32	7	0	0
Louisiana State U., Health Sciences Center, Shreveport	254	160	40	79	1	0	0	40	0	0	0	0	0	0
Colorado School of Mines	255	158	0	0	2	107	11	0	*	0	37	0	0	0
Franklin and Marshall C.	256	156	0	45	6	0	19	0	5	2	44	15	20	0
Rowan U.	257	156	0	88	1	37	3	2	2	0	19	3	1	0
Ohio U.	258	155	0	43	8	49	2	19	0	0	28	4	1	0
Florida Gulf Coast U.	259	152	73	65	1	8	2	1	0	0	0	1	0	0
Youngstown State U.	260	152	0	25	10	70	4	5	1	1	30	2	4	0
Catholic U. of America	261	149	0	22	4	30	1	7	3	0	51	14	18	0
Stephen F. Austin State U.	262	149	40	10	20	20	10	10	3	0	30	3	3	0
Carleton C.	263	148	0	38	20	0	17	0	8	2	36	14	14	0
California State U., Fullerton	264	148	0	27	17	44	3	8	6	0	22	8	11	0
Cleveland State U.	265	147	0	30	7	57	0	8	0	0	29	8	8	0
U. North Carolina, Wilmington	266	147	0	22	2	0	78	1	0	1	16	23	4	0
Oakland U.	267	146	0	31	4	19	0	46	*	0	24	8	0	14
New Jersey Institute of Technology	268	146	0	13	6	96	1	0	*	0	31	0	0	0

TABLE 3

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U. Massachusetts, Boston	269	145	0	35	3	8	15	12	2	0	19	16	32	4
East Tennessee State U.	270	144	0	102	0	6	7	14	0	0	8	2	5	0
Albany Medical C.	271	144	0	4	*	0	0	135	*	0	4	*	*	0
Illinois Institute of Technology	272	142	4	8	7	95	0	0	7	0	18	3	0	0
Clarkson U.	273	142	0	14	1	86	0	1	2	2	30	1	0	3
Boise State U.	274	141	12	25	9	52	14	7	1	0	17	2	3	0
U. Tulsa	275	141	2	15	10	70	6	3	3	*	8	16	8	0
Texas A&M U.-Corpus Christi	276	139	0	34	10	36	30	12	1	3	11	1	2	0
Connecticut C.	277	138	0	6	1	0	2	0	6	4	77	20	20	0
Desert Research Institute	278	136	6	20	12	3	87	4	0	1	0	0	3	0
Seton Hall U.	279	136	0	34	2	0	0	34	2	0	51	5	9	0
Van Andel Research Institute	280	135	0	135	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	281	135	0	40	5	1	2	3	3	8	56	15	3	0
U. Richmond	282	134	0	47	3	0	0	0	4	0	53	9	18	0
Santa Clara U.	283	134	0	20	1	65	0	1	4	2	31	5	5	0
Creighton U.	284	134	0	48	*	0	0	68	*	0	13	2	2	0
Northern Illinois U.	285	133	0	32	4	11	10	13	1	0	40	18	5	0
SUNY, Downstate Health Sciences U.	286	130	0	72	0	0	0	22	0	0	0	0	0	35
Rutgers, State U. New Jersey, Newark	287	129	0	78	0	0	9	0	0	0	29	13	0	0
Western Washington U.	288	129	0	28	7	11	20	9	2	9	27	9	6	1
U. Missouri, Saint Louis	289	127	0	27	2	0	0	5	1	0	43	32	16	0
Midwestern U.	290	127	*	98	0	0	1	28	0	0	0	*	0	0
New York Medical C.	291	127	0	106	0	0	0	21	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	292	126	0	82	0	0	0	45	0	0	0	0	0	0
Arkansas State U., Jonesboro	293	126	21	51	1	14	0	20	1	0	14	1	4	0
CUNY, Queens C.	294	124	1	21	3	0	4	10	5	4	30	30	17	0
Western Kentucky U.	295	124	5	15	12	27	10	4	7	0	39	4	0	0
U. Denver	296	123	0	23	1	29	1	0	1	0	28	18	22	0
Wellesley C.	297	122	4	41	10	5	9	0	3	4	37	7	4	0
James Madison U.	298	122	0	20	1	13	10	21	4	0	36	7	1	9
Lafayette C.	299	122	0	30	3	33	6	0	4	1	10	15	21	0
Colgate U.	300	121	0	14	5	0	27	0	8	7	39	5	15	0
U. Arkansas, Pine Bluff	301	120	43	40	1	*	0	0	*	26	5	1	4	0
California State U., Northridge	302	119	0	26	4	36	4	12	0	0	23	12	2	0



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U. New Orleans	303	119	0	21	6	18	13	0	1	0	44	6	9	0
Rosalind Franklin U. of Medicine and Science	304	118	0	111	0	0	0	7	0	0	0	0	0	0
Skidmore C.	305	118	0	38	2	0	4	9	2	2	46	9	6	0
Marquette U.	306	117	2	31	5	27	0	18	1	0	19	3	3	8
Wesleyan U.	307	115	0	32	2	0	8	0	3	7	42	13	8	0
Grand Valley State U.	308	115	0	30	3	46	4	10	0	16	7	0	*	0
California State U., Fresno	309	113	59	17	0	11	2	5	0	0	12	5	2	0
Pomona C.	310	113	3	31	6	0	8	0	6	3	40	9	8	0
Texas A&M U.-Kingsville	311	112	34	22	0	19	0	0	0	25	13	0	0	0
U. North Florida	312	111	0	26	8	29	0	12	1	0	27	4	3	0
CUNY, Brooklyn C.	313	110	0	39	2	0	11	5	0	0	31	18	4	0
Missouri State U.	314	110	27	21	1	13	6	13	0	7	16	4	3	0
Western Illinois U.	315	110	8	46	7	14	5	4	0	0	17	5	4	0
U. Wisconsin-Superior	316	108	0	20	3	18	8	12	3	16	15	6	6	0
U. Wisconsin-River Falls	317	108	10	21	3	18	8	12	3	6	15	6	5	0
Texas Christian U.	318	108	3	14	3	12	14	10	3	5	28	15	2	0
U. Tennessee, Chattanooga	319	107	0	25	25	37	0	9	0	0	6	3	2	0
U. Maine, Farmington	320	107	10	20	4	18	8	12	3	6	15	6	5	0
New C. Florida	321	107	10	20	4	17	8	12	3	6	15	6	6	0
Jackson State U.	322	107	0	12	51	6	2	1	10	0	16	1	*	8
Tennessee Technological U.	323	107	3	9	6	54	2	*	3	6	22	2	*	0
Alabama A&M U.	324	104	35	7	1	20	0	0	1	35	5	0	0	0
Winston-Salem State U.	325	103	0	21	4	18	8	14	3	6	17	7	6	0
Villanova U.	326	103	0	19	2	43	2	3	1	4	16	7	3	3
Southern Connecticut State U.	327	103	0	11	5	8	10	34	1	0	21	7	6	0
Pittsburg State U.	328	102	0	20	3	22	8	12	3	6	15	6	5	0
U. Arkansas, Little Rock	329	102	*	14	14	55	3	0	0	0	10	5	0	0
California State Polytechnic U., Humboldt	330	101	0	30	1	12	8	6	2	29	7	4	4	0
CUNY, Advanced Science Research Center	331	101	0	49	0	40	13	0	0	0	0	0	0	0
U. Northern Iowa	332	101	0	28	2	24	5	1	0	4	17	5	2	13
Morehouse School of Medicine	333	100	0	74	0	0	0	21	0	0	0	2	3	0
Lake Superior State U.	334	100	0	21	3	18	8	12	3	8	15	6	5	0
Southern Illinois U., Edwardsville	335	99	5	38	0	14	1	11	2	2	10	9	6	1
Ball State U.	336	98	11	24	4	0	7	19	1	3	16	4	9	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Smith C.	337	98	0	39	5	7	7	3	2	2	17	11	3	4
Kennesaw State U.	338	98	3	27	15	18	0	7	2	3	12	6	4	0
Nevada State C.	339	97	0	21	3	17	8	12	3	6	15	6	5	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	340	97	0	41	1	28	5	10	*	0	9	1	*	0
New Mexico Highlands U.	341	97	0	20	4	17	8	12	3	6	15	6	6	0
Hope C.	342	97	0	21	2	9	4	7	3	0	19	8	0	25
U. Wisconsin-Oshkosh	343	96	4	28	1	9	6	5	*	5	14	8	15	3
Sam Houston State U.	344	96	2	33	2	1	2	5	1	10	4	5	30	0
SUNY, C. of Environmental Science and Forestry	345	95	8	3	0	36	0	0	0	4	42	0	2	0
Loma Linda U.	346	95	0	70	0	5	*	20	0	0	0	0	0	0
West Texas A&M U.	347	94	54	12	1	16	1	1	*	4	3	2	0	0
Langston U.	348	94	73	12	*	2	*	2	*	1	2	*	1	0
U. Hawaii, Hilo	349	94	50	9	2	1	3	21	0	3	2	2	2	0
South Dakota School of Mines and Technology	350	93	0	3	1	71	5	0	0	0	13	0	0	0
U. Massachusetts, Dartmouth	351	92	0	12	3	26	21	1	2	0	18	3	4	3
Saint Joseph's U.	352	92	2	35	2	0	0	16	15	0	17	4	0	0
Grinnell C.	353	91	13	24	5	0	1	0	2	3	23	10	11	0
U. Central Arkansas	354	90	0	37	4	4	3	15	5	2	16	3	2	0
U. Alaska, Anchorage	355	90	0	26	5	31	4	2	*	3	6	3	10	0
St. Edward's U.	356	90	0	19	16	0	0	*	15	0	21	10	10	0
U. Nebraska, Omaha	357	89	0	32	11	14	2	5	0	0	4	5	17	0
California State U., Sacramento	358	89	0	5	20	28	2	12	*	1	6	1	8	5
Montana Technological U.	359	88	0	2	*	52	27	0	1	0	4	0	0	1
San Francisco State U.	360	87	0	51	*	3	4	0	1	3	18	9	*	0
Southeastern Louisiana U.	361	87	0	40	0	12	0	12	0	0	18	4	0	0
Swarthmore C.	362	87	0	35	2	17	0	0	1	0	17	12	2	0
New Mexico Institute of Mining and Technology	363	86	0	4	4	25	25	0	*	0	27	1	0	0
Sonoma State U.	364	86	0	24	10	8	8	2	5	1	15	5	8	0
Hofstra U.	365	85	1	7	14	16	1	26	0	1	13	2	3	3
Union C., Schenectady	366	85	0	17	2	27	6	0	1	4	17	4	3	4
Vassar C.	367	85	18	16	3	0	4	0	7	10	13	10	5	0
Montclair State U.	368	85	0	17	9	1	2	7	3	1	33	8	1	2
Spelman C.	369	84	1	16	5	1	0	0	6	1	52	1	0	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Stevens Institute of Technology	370	84	0	15	4	33	18	1	0	0	12	0	0	1
Fordham U.	371	83	0	27	5	2	0	0	2	21	13	6	7	0
Towson U.	372	82	0	19	7	0	1	15	2	2	21	14	2	0
Clark Atlanta U.	373	82	0	28	7	5	0	1	1	0	40	0	0	0
Wheaton C., Wheaton	374	81	0	26	2	1	5	4	3	2	9	9	21	0
Lincoln U., Jefferson City	375	81	65	4	0	*	0	0	0	10	2	0	0	0
Bucknell U.	376	81	0	19	0	22	7	0	*	1	20	12	*	0
William Paterson U.	377	81	3	17	3	0	0	26	2	3	14	10	3	*
Amherst C.	378	80	0	29	3	0	4	0	2	4	27	4	6	0
Eastern Virginia Medical School	379	79	0	65	0	1	0	13	0	0	0	0	0	0
Western Carolina U.	380	76	0	25	1	18	7	2	0	3	15	1	6	0
U. of the District of Columbia	381	76	5	15	7	32	0	5	1	1	1	1	3	5
American U.	382	75	0	10	1	0	0	1	2	6	22	15	19	0
U. Wisconsin-Eau Claire	383	75	0	15	2	3	5	13	4	1	18	7	7	0
U. Louisiana, Monroe	384	75	0	22	*	0	0	40	0	0	1	0	9	3
Norfolk State U.	385	74	0	7	17	19	0	10	0	0	22	*	*	0
Texas Woman's U.	386	74	0	33	1	0	0	24	1	0	5	5	2	2
Oregon Institute of Technology	387	74	0	0	0	68	0	4	0	1	1	0	0	0
Pennsylvania State U., Behrend	388	73	0	3	2	58	1	0	1	1	3	0	4	0
St. John's U., New York	389	73	0	15	0	0	0	41	0	0	13	5	*	0
C. New Jersey	390	72	0	16	2	21	1	6	0	0	17	7	2	0
Teachers C., Columbia U.	391	71	0	10	1	0	0	10	10	0	0	25	15	0
Western New England U.	392	70	0	13	5	24	0	*	2	0	15	5	5	0
Xavier U. Louisiana	393	70	2	11	2	5	0	36	1	0	13	1	1	0
U. Scranton	394	70	11	13	5	0	6	*	2	5	16	5	5	0
Kean U.	395	69	0	18	5	0	0	17	1	1	11	4	5	6
Alcorn State U.	396	68	20	13	2	5	0	0	3	15	*	*	10	0
Harvey Mudd C.	397	68	0	8	15	23	0	0	3	0	18	1	0	0
Willamette U.	398	68	4	17	3	0	2	5	3	2	21	2	8	1
Texas Southern U.	399	67	5	8	1	6	1	7	2	19	5	1	11	0
DePaul U.	400	67	2	19	7	0	2	0	4	3	17	6	10	0
Colby C.	401	67	0	25	3	0	6	0	1	3	21	6	2	0
Furman U.	402	67	0	15	0	0	7	3	*	0	36	5	0	0
Citadel Military C. South Carolina	403	66	0	11	4	17	0	4	0	0	28	1	2	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. South Dakota	404	66	0	38	0	10	1	0	0	1	12	0	3	0
Central State U.	405	65	9	6	5	29	4	0	*	12	*	0	*	0
U. West Florida	406	64	0	16	2	5	4	1	*	10	10	3	11	1
Chapman U.	407	64	4	30	2	2	1	3	*	*	6	7	8	0
Indiana U. Pennsylvania	408	63	*	11	2	7	4	6	1	3	8	2	19	0
Middle Tennessee State U.	409	63	*	25	0	5	3	2	0	0	17	3	2	4
U. Texas Health Science Center, Tyler	410	62	0	48	0	0	0	14	0	0	0	*	0	0
Pacific U.	411	62	0	9	4	0	0	22	3	2	14	7	*	2
Oklahoma State U., Center for Health Sciences	412	62	0	46	0	0	0	6	0	0	0	0	10	0
U. of the Pacific	413	61	0	3	2	18	4	8	2	0	19	2	3	0
Whitman C.	414	61	0	16	2	0	6	0	2	1	23	4	7	0
California State U., San Bernardino	415	61	0	9	2	0	1	10	1	0	10	13	14	0
Texas A&M U.-Commerce	416	60	7	12	3	11	0	9	5	1	9	4	0	0
West Chester U. Pennsylvania	417	60	0	14	3	6	2	4	1	0	15	9	6	0
Virginia State U.	418	59	38	6	5	4	0	0	0	0	5	2	0	0
Eastern Michigan U.	419	59	0	10	*	19	7	4	1	0	13	2	2	0
Middlebury C.	420	58	0	20	1	0	6	0	1	2	13	10	5	*
U. Nebraska, Kearney	421	58	3	8	3	10	*	23	1	*	2	4	3	0
Purdue U., Fort Wayne	422	58	5	14	1	8	3	1	3	3	11	3	6	0
Loyola Marymount U.	423	58	0	14	1	13	1	3	2	1	8	8	7	0
CUNY, C. Staten Island	424	57	3	15	5	8	0	4	0	1	14	6	0	2
CUNY, Graduate Center	425	57	2	4	1	*	2	0	6	2	5	8	28	0
Bowdoin C.	426	57	0	17	2	0	13	0	1	1	13	3	5	2
California State U., Los Angeles	427	56	4	12	1	14	3	5	1	0	13	2	2	0
Fort Lewis C.	428	56	2	12	3	22	10	2	0	0	5	0	0	0
Abilene Christian U.	429	56	1	5	0	25	0	0	0	0	25	0	0	0
Appalachian State U.	430	55	0	26	1	0	2	13	0	0	7	4	2	0
Virginia Military Institute	431	55	2	4	10	19	1	0	2	0	13	3	1	0
CUNY, New York City C. of Technology	432	55	0	4	1	44	1	0	0	0	3	*	0	0
Coastal Carolina U.	433	55	0	7	0	2	19	14	1	*	7	2	3	0
Kentucky State U.	434	54	51	1	2	0	0	0	0	0	0	0	*	0
Clark U.	435	54	0	10	0	0	0	0	0	1	24	7	13	0
U. Northern Colorado	436	53	0	17	1	0	3	12	5	*	10	4	3	0
Pennsylvania State U., Harrisburg	437	53	0	11	*	27	0	4	1	0	5	2	2	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Guam	438	53	5	11	3	0	8	0	6	16	2	2	1	0
Western U. of Health Sciences	439	52	7	25	1	0	0	20	0	0	0	0	0	0
U. Michigan, Dearborn	440	52	0	9	3	31	1	0	*	0	8	0	0	0
Tarleton State U.	441	52	19	6	0	14	2	1	0	4	3	0	3	0
Trinity U.	442	50	7	15	1	5	3	0	*	*	11	4	4	0
U. Wisconsin-Stevens Point	443	50	3	21	0	0	2	0	*	3	20	1	0	0
U. Hartford	444	49	0	2	0	28	0	5	0	0	4	1	0	9
Calvin U.	445	49	0	9	5	13	2	6	*	*	9	2	2	0
Roseman U. of Health Sciences	446	49	0	23	*	0	0	26	0	0	0	0	0	0
Reed C.	447	48	0	18	5	0	0	0	0	0	19	7	0	0
Ursinus C.	448	48	0	22	0	0	0	3	1	0	21	1	0	0
West Virginia State U.	449	48	21	9	3	2	1	0	3	5	1	0	4	0
Central Washington U.	450	48	0	8	2	1	10	1	0	0	8	10	7	0
Hawaii Pacific U.	451	48	33	9	0	3	0	0	0	0	2	*	0	0
CUNY, John Jay C. of Criminal Justice	452	47	2	10	*	0	0	0	0	0	23	6	5	0
U. New England	453	47	4	19	0	0	6	10	0	3	2	0	1	2
Bryn Mawr C.	454	46	0	9	1	0	5	0	2	0	14	5	9	1
Sacred Heart U.	455	46	0	0	5	2	4	14	1	0	2	3	13	0
Texas A&M International U.	456	45	0	20	0	4	1	2	0	0	17	1	*	0
Mount Holyoke C.	457	44	0	11	2	0	5	0	1	*	13	11	*	0
Colorado C.	458	44	0	8	2	0	4	2	2	5	14	3	6	0
Davidson C.	459	44	0	9	2	0	0	0	*	1	14	17	*	0
Pepperdine U.	460	44	0	12	*	0	0	5	1	2	9	6	9	0
Savannah State U.	461	43	2	8	5	9	7	0	2	5	4	0	1	0
New York Institute of Technology	462	42	0	6	2	9	0	20	0	0	5	0	0	0
Minnesota State U., Mankato	463	41	*	6	0	19	2	0	*	*	7	6	1	0
Haverford C.	464	41	0	9	4	0	2	0	3	0	18	6	0	0
U. San Diego	465	41	0	19	0	4	5	6	*	0	3	4	*	0
Northwestern State U. Louisiana	466	41	0	6	4	12	0	5	3	0	6	3	3	0
Utah Valley U.	467	41	3	19	1	6	2	1	1	1	7	*	1	0
Providence C.	468	41	0	14	0	5	0	0	0	0	12	10	0	0
Northern Kentucky U.	469	40	0	16	2	2	*	1	*	0	8	8	2	0
SUNY, Buffalo State	470	40	0	9	*	0	4	1	*	8	7	6	4	0
SUNY, Oswego	471	39	0	11	1	5	5	0	0	0	10	5	2	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Williams C.	472	39	0	7	3	0	3	0	3	1	12	4	4	0
U. Texas, Tyler	473	39	0	16	0	11	0	6	0	0	3	2	1	0
Edward Via C. of Osteopathic Medicine	474	39	0	27	1	0	0	10	*	0	0	0	0	0
U. Central Oklahoma	475	38	3	12	3	10	0	1	2	*	4	1	0	1
Manhattan C.	476	38	0	4	3	5	3	0	4	1	11	4	4	0
U. South Carolina, Aiken	477	38	0	9	1	1	2	10	1	0	6	4	4	0
Butler U.	478	37	0	14	1	0	0	5	0	1	12	4	0	0
St. Olaf C.	479	37	0	9	1	*	*	4	4	3	6	6	3	0
Norwich U.	480	37	1	2	2	18	3	2	0	0	8	2	0	0
U. Colorado Denver	481	37	0	6	0	15	0	3	1	0	7	2	4	0
Bates C.	482	36	0	16	*	0	4	0	*	*	9	3	2	1
Dine C.	483	35	8	8	1	0	1	2	2	0	5	2	2	5
Canisius U.	484	35	1	12	2	0	0	0	0	0	18	2	0	0
Trinity C., Hartford	485	35	0	8	1	3	0	0	2	1	8	3	9	2
U. Baltimore	486	35	0	2	2	0	0	0	0	0	0	2	28	0
C. Wooster	487	35	0	5	3	0	3	0	3	1	12	4	4	0
Kenyon C.	488	34	0	5	3	0	3	0	3	1	11	4	4	0
Morehouse C.	489	34	0	11	2	5	0	1	1	0	7	7	1	0
SUNY, Geneseo	490	34	0	2	0	0	8	0	1	0	11	8	5	0
Azusa Pacific U.	491	33	3	12	3	1	1	6	1	0	4	4	0	0
California State U., East Bay	492	33	0	11	1	3	1	2	*	3	8	2	2	0
CUNY, York C.	493	33	0	4	2	*	1	15	1	0	5	2	2	0
Christopher Newport U.	494	33	1	15	3	1	0	0	*	0	2	10	1	0
Philadelphia C. of Osteopathic Medicine	495	32	0	27	0	0	0	2	0	0	0	3	0	0
California State U., Chico	496	32	1	10	2	3	3	1	1	1	5	1	5	*
Saginaw Valley State U.	497	32	2	*	1	12	*	10	*	1	5	1	*	0
Morehead State U.	498	32	0	7	0	9	0	2	0	0	2	4	8	0
Texas A&M U.-San Antonio	499	31	0	9	8	0	3	4	0	0	4	3	1	0
U. Oklahoma, Tulsa	500	31	0	8	0	6	0	7	0	0	0	8	2	0
U. Central del Caribe	501	31	0	27	0	0	0	4	0	0	0	0	0	0
U. Detroit Mercy	502	31	0	10	1	6	0	5	1	0	6	1	1	0
U. North Carolina, Asheville	503	31	0	7	1	2	1	1	1	7	9	2	1	0
U. Puerto Rico, Humacao	504	31	1	12	0	3	*	0	1	1	12	0	*	1
U. New Haven	505	31	0	6	2	6	*	5	*	1	7	1	2	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
New School	506	30	0	2	2	5	0	*	*	0	2	7	11	0
Eastern Washington U.	507	30	0	21	3	*	3	0	0	0	3	0	0	0
West Virginia School of Osteopathic Medicine	508	30	0	28	0	0	0	2	0	0	0	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	509	30	1	8	*	0	0	20	1	0	*	*	1	0
U. of the Incarnate Word	510	30	*	3	*	2	*	22	*	0	*	1	1	0
U. San Francisco	511	30	2	7	2	*	1	7	0	0	3	8	0	0
Purdue U., Northwest	512	29	0	5	2	11	0	*	0	4	3	1	1	0
Alfred U.	513	28	0	0	0	28	0	0	0	0	0	0	0	0
California State U., San Marcos	514	28	0	9	1	1	1	2	0	0	4	9	1	0
U. Wisconsin-La Crosse	515	28	1	5	*	0	1	3	0	3	10	2	2	0
California State U., Dominguez Hills	516	27	2	3	1	1	1	1	1	1	14	3	*	0
Macalester C.	517	27	0	6	1	0	4	0	1	2	6	5	3	0
Rutgers, State U. New Jersey, Camden	518	27	0	20	0	0	0	0	0	0	4	3	0	0
Salisbury U.	519	27	*	5	5	*	*	5	*	2	1	6	2	1
Ferris State U.	520	27	0	6	*	10	1	2	0	0	6	1	0	0
U. Wisconsin-Green Bay	521	27	5	10	1	1	1	0	0	2	5	2	0	0
Hobart and William Smith Colleges	522	26	0	10	*	0	3	0	*	*	8	3	1	0
U. Houston-Clear Lake	523	26	0	6	0	0	5	1	0	4	10	0	0	0
U. Washington, Tacoma	524	25	0	3	4	8	1	0	0	4	4	1	0	0
Sul Ross State U.	525	24	6	10	1	0	1	1	0	1	2	2	2	0
Winthrop U.	526	24	*	5	10	0	*	2	*	1	3	1	2	0
Pennsylvania State U., Altoona	527	24	0	3	*	11	0	2	0	0	7	*	0	0
Claremont McKenna C.	528	24	0	1	0	0	*	0	4	0	0	8	10	0
Franklin W. Olin C. of Engineering	529	23	0	4	1	14	0	0	0	0	3	0	1	0
U. Texas of the Permian Basin	530	23	1	2	2	5	2	2	2	1	2	2	*	2
Clafin U.	531	23	2	13	2	1	1	0	1	1	3	0	0	0
Yeshiva U.	532	23	0	5	2	0	0	1	*	0	7	8	*	0
Grambling State U.	533	22	0	2	0	14	0	0	2	0	4	0	0	0
Charles R. Drew U. of Medicine and Science	534	22	0	16	0	0	0	5	1	0	0	0	0	0
Claremont Graduate U.	535	21	0	0	*	0	0	9	*	0	0	4	8	0
Chicago State U.	536	20	2	5	0	0	1	4	0	0	6	0	2	0
Biola U.	537	20	0	7	*	1	0	5	0	0	6	0	0	0
U. of St. Thomas (MN)	538	20	0	13	1	1	1	0	0	0	2	2	0	0
Northern Michigan U.	539	20	0	7	*	0	2	1	0	0	9	*	1	0

TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
CUNY, Baruch C.	540	20	0	5	3	0	0	0	0	1	3	6	*	2
Milwaukee School of Engineering	541	19	0	0	0	19	0	0	0	0	0	0	0	0
California State Polytechnic U., Pomona	542	19	2	5	3	4	2	1	0	0	1	1	1	0
Keck Graduate Institute	543	18	0	11	0	2	0	5	0	0	0	0	0	0
SUNY, C. of Optometry	544	18	0	14	0	0	0	4	0	0	0	0	0	0
California State U., Channel Islands	545	18	1	4	*	0	0	*	0	5	7	*	1	0
California State U., Bakersfield	546	18	0	4	1	3	4	1	0	0	2	2	1	0
Stockton U.	547	17	*	5	*	*	2	*	*	2	4	3	1	0
Barnard C.	548	17	0	9	0	0	0	0	0	1	1	6	*	0
Gallaudet U.	549	17	0	2	8	0	*	2	0	0	*	2	4	0
Dakota State U.	550	17	*	1	15	0	0	*	0	0	1	0	*	0
Troy U.	551	17	0	2	1	*	1	4	1	2	3	1	1	0
Albany C. of Pharmacy and Health Sciences	552	17	0	12	1	0	1	0	*	*	2	*	*	0
Roger Williams U.	553	16	3	3	*	3	3	1	*	*	3	*	*	0
Pace U.	554	16	0	9	2	*	0	1	0	1	2	1	*	0
U. Washington, Bothell	555	16	0	2	1	3	2	3	*	1	3	*	1	0
Lewis and Clark C.	556	16	0	7	*	0	1	0	*	0	5	3	0	0
Elizabeth City State U.	557	16	0	2	3	3	1	4	1	1	1	1	1	0
Florida Polytechnic U.	558	16	0	0	1	13	0	0	0	0	1	0	0	0
Framingham State U.	559	15	1	8	0	0	1	0	0	0	5	1	0	0
U. of the Virgin Islands	560	15	2	*	*	*	2	1	*	2	7	*	*	*
U. Puerto Rico, Cayey	561	15	0	5	0	0	0	0	1	0	8	*	1	0
Fayetteville State U.	562	15	1	4	1	0	1	1	1	0	4	1	1	0
CUNY, Lehman C.	563	15	0	7	*	0	*	*	*	0	5	*	1	0
Rhode Island C.	564	15	*	9	0	0	*	0	0	0	3	2	0	0
Fisk U.	565	14	0	3	0	0	0	0	0	0	8	2	1	0
Black Hills State U.	566	13	2	4	0	0	1	0	0	1	5	2	0	0
Monmouth U.	567	13	0	6	*	*	0	0	0	2	4	*	0	0
California State U., Stanislaus	568	12	3	2	4	0	1	0	*	0	*	2	0	0
U. Alaska, Southeast	569	12	0	6	0	0	3	0	0	1	1	*	0	0
U. Illinois, Springfield	570	12	0	5	1	0	1	*	0	2	1	1	1	0
Hampton U.	571	11	0	2	0	0	3	2	0	0	4	0	0	0
Benedict C.	572	11	0	3	2	3	0	0	0	0	3	0	0	0
Austin Peay State U.	573	10	1	2	*	2	1	2	1	1	1	1	1	0



TABLE 3

## Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2023

(Net assignable square feet in thousands)

Institution	Rank	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Long Island U.	574	10	5	0	0	1	0	4	0	0	0	0	0	0
U. Ana G. Mendez, Gurabo	575	9	0	2	0	2	0	0	*	0	5	0	0	0
United Tribes Technical C.	576	9	4	2	*	1	0	0	*	1	1	0	*	0
Heidelberg U.	577	9	0	1	0	0	0	0	0	8	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	578	8	0	0	0	0	0	8	0	0	0	0	0	0
U. Southern Maine	579	8	0	1	2	2	0	*	*	1	1	*	*	0
California State U., Monterey Bay	580	8	2	3	0	0	0	0	0	0	0	3	*	0
Touro U.	581	8	0	4	0	0	0	4	0	0	0	0	0	0
Alaska Pacific U.	582	7	0	1	1	0	0	1	0	5	1	0	0	0
Bowie State U.	583	7	0	5	0	0	0	0	1	0	0	*	0	0
New England C. of Optometry	584	6	0	3	0	0	0	3	0	0	0	0	0	0
Des Moines U.	585	6	0	6	0	0	0	*	0	0	0	0	0	0
Southern U., New Orleans	586	6	*	1	1	0	0	0	*	*	2	*	0	0
SUNY, C. Brockport	587	6	1	4	*	0	*	*	0	*	*	*	*	0
Marshall B. Ketchum U.	588	6	0	2	*	0	0	4	0	0	0	0	0	0
Toyota Technological Institute, Chicago	589	5	0	*	4	1	0	0	0	0	0	0	0	0
South Carolina State U.	590	4	1	1	1	1	0	1	0	0	1	0	0	0
U. Puerto Rico, Ponce	591	4	0	3	0	0	0	0	0	0	1	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	592	4	0	4	0	0	0	1	0	0	0	0	0	0
Northland C.	593	4	0	0	0	0	0	0	0	2	2	*	0	0
Palmer C. of Chiropractic, Davenport	594	4	0	0	*	0	0	3	*	0	0	0	0	0
Tougaloo C.	595	3	0	2	1	*	0	0	0	*	*	0	0	0
SUNY, C. Plattsburgh	596	3	0	0	0	0	0	1	0	1	*	0	0	0
Northeastern Illinois U.	597	3	1	2	0	0	1	0	0	0	0	0	1	0
National U. of Natural Medicine	598	2	0	0	0	0	0	2	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	599	1	*	*	0	0	0	*	0	*	0	0	0	0
MGH Institute of Health Professions	600	1	0	1	0	0	0	0	0	0	0	0	0	0
Seattle U.	601	1	*	*	*	*	*	*	*	0	*	0	*	*
SUNY, Cobleskill	602	1	0	0	0	1	0	0	0	0	0	0	0	0

\* = value &gt; 0 but &lt; 500 net assignable square feet; i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding. Institutions are ranked on unrounded totals. Tied institutions are ranked alphabetically.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 4

**Condition of science and engineering research space in academic institutions, by field: FY 2023**

(Net assignable square feet in millions and percent)

Field	NASF (millions) <sup>a</sup>	Condition (% NASF)			
		Superior	Satisfactory	Requires renovations	Requires replacement
All research space	228.7	36	43	17	4
Agricultural sciences	29.2	25	45	25	5
Biological and biomedical sciences	59.4	40	41	15	4
Computer and information sciences	4.7	43	45	10	1
Engineering	39.8	36	44	16	3
Geosciences, atmospheric sciences, and ocean sciences	9.0	29	48	20	3
Health sciences	38.2	41	40	15	4
Mathematics and statistics	1.8	27	49	21	3
Natural resources and conservation	4.9	23	45	25	7
Physical sciences	23.4	35	44	17	4
Psychology	5.8	31	47	16	6
Social sciences	6.4	29	52	15	4
Other fields of S&E	6.2	45	40	11	4

NASF = net assignable square feet; S&amp;E = science and engineering.

<sup>a</sup> Includes NASF located only at those institutions that also rated condition of their space. Consequently, this table accounts for approximately 11.5 million fewer NASF than other tables.

**Note(s):**

Details may not add to totals due to rounding. Condition was assessed relative to the usage of the current research program.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Alabama	2,804	242	545	94	682	53	689	41	92	245	75	46	0
Public	2,495	146	516	80	529	53	670	41	92	245	75	46	0
Alabama A&M U.	104	35	7	1	20	0	0	1	35	5	0	0	0
Alabama State U.	308	0	70	35	5	0	80	35	0	25	33	25	0
Auburn U., Auburn	453	109	38	9	167	1	17	*	47	51	12	*	0
Troy U.	17	0	2	1	*	1	4	1	2	3	1	1	0
U. Alabama, Birmingham	824	0	237	1	53	0	498	*	0	21	15	1	0
U. Alabama, Huntsville	278	1	15	24	136	22	2	5	1	71	1	1	0
U. Alabama, Tuscaloosa	303	0	71	9	116	12	6	0	7	60	9	14	0
U. South Alabama	208	0	76	1	33	17	64	0	0	9	4	5	0
Private	309	96	28	13	153	0	19	0	0	0	0	0	0
Tuskegee U.	309	96	28	13	153	0	19	0	0	0	0	0	0
Alaska	543	42	107	18	123	132	13	1	21	30	10	14	33
Public	536	42	106	17	123	132	12	1	16	29	10	14	33
U. Alaska, Anchorage	90	0	26	5	31	4	2	*	3	6	3	10	0
U. Alaska, Fairbanks	434	42	75	12	92	125	10	1	12	22	7	3	33
U. Alaska, Southeast	12	0	6	0	0	3	0	0	1	1	*	0	0
Private	7	0	1	1	0	0	1	0	5	1	0	0	0
Alaska Pacific U.	7	0	1	1	0	0	1	0	5	1	0	0	0
Arizona	3,309	313	754	30	613	326	283	20	80	625	77	106	82
Public	3,309	313	754	30	613	326	283	20	80	625	77	106	82
Arizona State U.	1,294	2	306	7	415	88	94	14	9	226	52	58	22
Dine C.	35	8	8	1	0	1	2	2	0	5	2	2	5
Northern Arizona U.	259	0	118	11	24	27	17	2	19	23	7	12	0
U. Arizona	1,720	303	321	10	174	210	171	3	52	371	16	34	55
Arkansas	1,497	425	401	28	241	32	157	11	36	120	21	27	0
Public	1,497	425	401	28	241	32	157	11	36	120	21	27	0
Arkansas State U., Jonesboro	126	21	51	1	14	0	20	1	0	14	1	4	0
U. Arkansas for Medical Sciences	274	0	174	0	0	0	100	0	0	0	0	0	0
U. Arkansas, Fayetteville	785	360	85	7	168	27	21	5	8	75	11	17	0
U. Arkansas, Little Rock	102	*	14	14	55	3	0	0	0	10	5	0	0
U. Arkansas, Pine Bluff	120	43	40	1	*	0	0	*	26	5	1	4	0
U. Central Arkansas	90	0	37	4	4	3	15	5	2	16	3	2	0

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
California	25,963	1,490	6,219	558	3,952	1,205	5,367	267	562	3,253	679	1,080	1,330
Public	20,558	1,471	4,281	326	3,132	991	4,473	217	512	2,351	582	952	1,270
California Polytechnic State U., San Luis Obispo	272	40	43	4	87	9	15	7	8	53	2	2	4
California State Polytechnic U., Humboldt	101	0	30	1	12	8	6	2	29	7	4	4	0
California State Polytechnic U., Pomona	19	2	5	3	4	2	1	0	0	1	1	1	0
California State U., Bakersfield	18	0	4	1	3	4	1	0	0	2	2	1	0
California State U., Channel Islands	18	1	4	*	0	0	*	0	5	7	*	1	0
California State U., Chico	32	1	10	2	3	3	1	1	1	5	1	5	*
California State U., Dominguez Hills	27	2	3	1	1	1	1	1	1	14	3	*	0
California State U., East Bay	33	0	11	1	3	1	2	*	3	8	2	2	0
California State U., Fresno	113	59	17	0	11	2	5	0	0	12	5	2	0
California State U., Fullerton	148	0	27	17	44	3	8	6	0	22	8	11	0
California State U., Long Beach	165	0	44	6	58	3	10	2	0	22	14	6	0
California State U., Los Angeles	56	4	12	1	14	3	5	1	0	13	2	2	0
California State U., Monterey Bay	8	2	3	0	0	0	0	0	0	0	3	*	0
California State U., Northridge	119	0	26	4	36	4	12	0	0	23	12	2	0
California State U., Sacramento	89	0	5	20	28	2	12	*	1	6	1	8	5
California State U., San Bernardino	61	0	9	2	0	1	10	1	0	10	13	14	0
California State U., San Marcos	28	0	9	1	1	1	2	0	0	4	9	1	0
California State U., Stanislaus	12	3	2	4	0	1	0	*	0	*	2	0	0
San Diego State U.	393	0	66	8	45	20	62	1	0	38	83	12	58
San Francisco State U.	87	0	51	*	3	4	0	1	3	18	9	*	0
San Jose State U.	240	13	64	9	38	34	12	3	1	59	3	4	0
Sonoma State U.	86	0	24	10	8	8	2	5	1	15	5	8	0
U. California, Berkeley	2,708	74	722	80	612	72	58	36	288	387	44	219	117
U. California, Davis	3,244	911	964	*	350	30	402	15	103	174	37	70	187
U. California, Irvine	1,741	0	465	62	315	49	445	17	0	246	50	93	0
U. California, Los Angeles	2,877	0	406	31	264	124	1,216	40	19	322	81	148	226
U. California, Merced	501	14	72	4	131	3	12	12	17	115	26	45	49
U. California, Riverside	1,170	344	206	5	179	40	41	17	0	154	40	23	121
U. California, San Diego	2,659	0	344	0	539	348	734	26	0	269	54	117	229
U. California, San Francisco	1,947	0	335	0	0	0	1,396	0	0	0	0	6	211
U. California, Santa Barbara	905	0	159	26	246	80	1	9	34	171	44	91	44

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. California, Santa Cruz	678	0	140	25	96	132	0	14	0	176	24	53	19
Private	5,404	19	1,938	232	820	215	894	50	49	902	96	128	60
Azusa Pacific U.	33	3	12	3	1	1	6	1	0	4	4	0	0
Biola U.	20	0	7	*	1	0	5	0	0	6	0	0	0
California Institute of Technology	1,047	0	269	21	236	100	0	9	0	401	0	11	0
Chapman U.	64	4	30	2	2	1	3	*	*	6	7	8	0
Charles R. Drew U. of Medicine and Science	22	0	16	0	0	0	5	1	0	0	0	0	0
Claremont Graduate U.	21	0	0	*	0	0	9	*	0	0	4	8	0
Claremont McKenna C.	24	0	1	0	0	*	0	4	0	0	8	10	0
Harvey Mudd C.	68	0	8	15	23	0	0	3	0	18	1	0	0
Keck Graduate Institute	18	0	11	0	2	0	5	0	0	0	0	0	0
Loma Linda U.	95	0	70	0	5	*	20	0	0	0	0	0	0
Loyola Marymount U.	58	0	14	1	13	1	3	2	1	8	8	7	0
Marshall B. Ketchum U.	6	0	2	*	0	0	4	0	0	0	0	0	0
Occidental C.	163	0	48	0	0	21	1	10	0	48	2	33	0
Pepperdine U.	44	0	12	*	0	0	5	1	2	9	6	9	0
Pomona C.	113	3	31	6	0	8	0	6	3	40	9	8	0
Santa Clara U.	134	0	20	1	65	0	1	4	2	31	5	5	0
Scripps Research Institute	535	0	535	0	0	0	0	0	0	0	0	0	0
Stanford U.	1,665	0	546	23	258	50	487	6	7	242	16	17	13
Touro U.	8	0	4	0	0	0	4	0	0	0	0	0	0
U. of the Pacific	61	0	3	2	18	4	8	2	0	19	2	3	0
U. San Diego	41	0	19	0	4	5	6	*	0	3	4	*	0
U. San Francisco	30	2	7	2	*	1	7	0	0	3	8	0	0
U. Southern California	1,082	0	250	155	194	22	294	0	34	64	13	10	47
Western U. of Health Sciences	52	7	25	1	0	0	20	0	0	0	0	0	0
Colorado	3,939	277	750	44	768	295	848	32	211	421	122	68	104
Public	3,772	277	720	41	739	290	846	30	206	380	101	39	104
Colorado School of Mines	158	0	0	2	107	11	0	*	0	37	0	0	0
Colorado State U., Fort Collins	1,163	274	199	6	233	55	67	9	159	86	12	8	56
Colorado State U., Pueblo	161	0	34	2	40	0	38	9	0	32	7	0	0
Fort Lewis C.	56	2	12	3	22	10	2	0	0	5	0	0	0
U. Colorado Anschutz Medical Campus	882	0	198	0	17	0	667	0	0	0	0	0	0

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Colorado Boulder	1,099	0	229	22	282	207	9	3	47	179	65	11	45
U. Colorado Colorado Springs	163	0	25	5	23	5	49	3	0	24	11	14	3
U. Colorado Denver	37	0	6	0	15	0	3	1	0	7	2	4	0
U. Northern Colorado	53	0	17	1	0	3	12	5	*	10	4	3	0
Private	167	0	30	3	29	4	2	3	5	42	21	29	0
Colorado C.	44	0	8	2	0	4	2	2	5	14	3	6	0
U. Denver	123	0	23	1	29	1	0	1	0	28	18	22	0
Connecticut	4,047	66	1,095	55	266	108	1,392	35	69	497	111	241	113
Public	1,043	66	263	9	112	52	316	4	8	115	29	10	58
Southern Connecticut State U.	103 i	0 i	11 i	5 i	8 i	10 i	34 i	1 i	0 i	21 i	7 i	6 i	0 i
U. Connecticut	940	66	252	5	104	42	282	3	8	94	22	4	58
Private	3,004	0	832	45	154	56	1,076	31	60	382	81	231	55
Connecticut C.	138	0	6	1	0	2	0	6	4	77	20	20	0
Sacred Heart U.	46	0	0	5	2	4	14	1	0	2	3	13	0
Trinity C., Hartford	35	0	8	1	3	0	0	2	1	8	3	9	2
U. Hartford	49	0	2	0	28	0	5	0	0	4	1	0	9
U. New Haven	31	0	6	2	6	*	5	*	1	7	1	2	0
Wesleyan U.	115	0	32	2	0	8	0	3	7	42	13	8	0
Yale U.	2,590	0	777	34	116	41	1,051	18	48	241	41	179	44
Delaware	1,089	243	60	24	236	80	83	8	22	200	59	50	27
Public	1,089	243	60	24	236	80	83	8	22	200	59	50	27
Delaware State U.	237	30	33	13	4	2	15	2	8	78	31	19	1
U. Delaware	853	212	27	10	232	78	68	6	14	122	27	30	27
District of Columbia	1,882	5	528	61	218	16	552	13	15	202	54	173	45
Public	76	5	15	7	32	0	5	1	1	1	1	3	5
U. of the District of Columbia	76	5	15	7	32	0	5	1	1	1	1	3	5
Private	1,807	0	513	54	186	16	547	13	15	202	53	170	40
American U.	75	0	10	1	0	0	1	2	6	22	15	19	0
Catholic U. of America	149	0	22	4	30	1	7	3	0	51	14	18	0
Gallaudet U.	17	0	2	8	0	*	2	0	0	*	2	4	0
George Washington U.	622	0	205	29	98	0	167	4	1	72	4	10	32
Georgetown U.	450	0	133	2	0	0	196	1	8	38	2	69	0
Howard U.	493	0	142	10	58	15	175	2	0	18	16	50	8

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Florida	8,545	1,816	1,612	160	1,359	404	1,287	23	195	810	345	159	375
Public	7,431	1,816	1,368	133	1,072	288	1,054	19	180	698	304	159	341
Florida A&M U.	214	103	10	0	29	0	35	0	7	29	*	0	0
Florida Atlantic U.	303	39	132	8	33	10	1	0	3	23	10	5	38
Florida Gulf Coast U.	152	73	65	1	8	2	1	0	0	0	1	0	0
Florida International U.	562	0	183	19	96	19	27	*	16	51	146	3	1
Florida Polytechnic U.	16	0	0	1	13	0	0	0	0	1	0	0	0
Florida State U.	507	0	49	4	129	63	65	3	0	141	47	7	0
New C. Florida	107 i	10 i	20 i	4 i	17 i	8 i	12 i	3 i	6 i	15 i	6 i	6 i	0 i
U. Central Florida	689	4	235	51	162	19	25	5	41	98	19	25	7
U. Florida	3,884	1,586	572	21	432	23	558	5	97	217	36	44	294
U. North Florida	111	0	26	8	29	0	12	1	0	27	4	3	0
U. South Florida	823	0	59	15	119	139	316	1	1	86	32	56	0
U. West Florida	64	0	16	2	5	4	1	*	10	10	3	11	1
Private	1,114	0	244	27	287	116	233	3	15	112	41	*	34
Embry-Riddle Aeronautical U.	263	0	0	12	189	*	0	1	0	23	3	0	34
Florida Institute of Technology	261	0	65	15	86	12	0	2	0	60	22	0	0
Nova Southeastern U.	209	0	53	0	0	87	61	*	1	*	5	0	0
U. Miami	382	0	126	1	12	17	172	0	14	29	11	*	0
Georgia	9,648	2,186	1,558	133	2,858	267	1,062	83	340	592	175	66	328
Public	8,106	2,185	984	118	2,733	267	566	61	318	376	121	48	328
Augusta U.	321	0	250	2	0	0	64	1	1	2	*	1	0
Fort Valley State U.	461	188	57	18	20	0	33	55	0	63	14	14	0
Georgia Institute of Technology	2,704	0	99	72	2,314	19	25	0	0	113	24	5	31
Georgia Southern U.	284	5	43	2	186	3	10	1	5	14	8	7	0
Georgia State U.	216	0	104	*	0	6	9	0	0	69	27	1	0
Kennesaw State U.	98	3	27	15	18	0	7	2	3	12	6	4	0
Savannah State U.	43	2	8	5	9	7	0	2	5	4	0	1	0
U. Georgia	3,978	1,987	396	3	187	232	418	*	305	98	41	15	297
Private	1,543	1	574	15	125	0	496	23	21	216	54	18	0
Clark Atlanta U.	82	0	28	7	5	0	1	1	0	40	0	0	0
Emory U.	1,031	0	445	*	0	0	401	12	20	100	40	13	0
Mercer U.	211	0	0	2	114	0	72	2	0	16	4	2	0



TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Morehouse C.	34	0	11	2	5	0	1	1	0	7	7	1	0
Morehouse School of Medicine	100	0	74	0	0	0	21	0	0	0	2	3	0
Spelman C.	84	1	16	5	1	0	0	6	1	52	1	0	0
Hawaii	1,045	159	245	8	193	135	192	2	15	77	4	17	0
Public	998	125	236	8	190	135	192	2	15	75	4	17	0
U. Hawaii, Hilo	94	50	9	2	1	3	21	0	3	2	2	2	0
U. Hawaii, Manoa	904	75	227	6	190	133	171	2	12	73	2	15	0
Private	48	33	9	0	3	0	0	0	0	2	*	0	0
Hawaii Pacific U.	48	33	9	0	3	0	0	0	0	2	*	0	0
Idaho	877	230	155	18	201	42	39	3	55	76	12	30	15
Public	877	230	155	18	201	42	39	3	55	76	12	30	15
Boise State U.	141	12	25	9	52	14	7	1	0	17	2	3	0
Idaho State U.	217	0	55	4	86	12	23	1	0	19	3	6	8
U. Idaho	519	218	76	5	63	16	9	1	55	41	7	21	7
Illinois	10,571	1,264	2,575	301	1,387	193	2,030	72	437	1,034	249	301	728
Public	5,717	1,258	1,045	243	831	123	592	26	423	514	151	100	411
Chicago State U.	20	2	5	0	0	1	4	0	0	6	0	2	0
Illinois State U.	521	138	72	67	0	20	79	13	0	84	21	26	0
Northeastern Illinois U.	3	1	2	0	0	1	0	0	0	0	0	1	0
Northern Illinois U.	133	0	32	4	11	10	13	1	0	40	18	5	0
Southern Illinois U., Carbondale	499	129	99	5	30	59	31	1	41	69	15	16	5
Southern Illinois U., Edwardsville	99	5	38	0	14	1	11	2	2	10	9	6	1
U. Illinois, Chicago	1,010	0	314	10	107	7	403	3	*	86	10	17	53
U. Illinois, Springfield	12	0	5	1	0	1	*	0	2	1	1	1	0
U. Illinois, Urbana-Champaign	3,312	974	432	148	656	20	47	6	379	202	73	24	352
Western Illinois U.	110	8	46	7	14	5	4	0	0	17	5	4	0
Private	4,853	6	1,530	59	556	70	1,438	46	13	519	98	200	317
DePaul U.	67	2	19	7	0	2	0	4	3	17	6	10	0
Illinois Institute of Technology	142	4	8	7	95	0	0	7	0	18	3	0	0
Loyola U., Chicago	365	0	269	6	3	11	59	6	0	3	2	6	0
Midwestern U.	127	*	98	0	0	1	28	0	0	0	*	0	0
Northwestern U.	2,479	0	403	19	385	24	877	22	9	277	43	153	268
Rosalind Franklin U. of Medicine and Science	118	0	111	0	0	0	7	0	0	0	0	0	0



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Morehead State U.	32	0	7	0	9	0	2	0	0	2	4	8	0
Murray State U.	169	46	19	11	24	5	19	2	16	12	3	8	3
Northern Kentucky U.	40	0	16	2	2	*	1	*	0	8	8	2	0
U. Kentucky	2,477	764	657	9	313	98	489	5	16	86	21	20	0
U. Louisville	591	*	95	0	104	0	326	0	0	46	15	3	1
Western Kentucky U.	124	5	15	12	27	10	4	7	0	39	4	0	0
Louisiana	5,602	690	1,310	197	715	411	618	92	248	466	89	218	548
Public	3,752	688	1,036	149	654	214	232	29	189	319	42	131	70
Grambling State U.	22	0	2	0	14	0	0	2	0	4	0	0	0
Louisiana State U., Baton Rouge	1,422	566	164	2	255	160	17	7	39	148	11	32	21
Louisiana State U., Health Sciences Center, New Orleans	237	0	165	0	0	0	72	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	160	40	79	1	0	0	40	0	0	0	0	0	0
Louisiana Tech U.	263	13	2	27	147	0	14	5	1	38	3	11	2
Northwestern State U. Louisiana	41	0	6	4	12	0	5	3	0	6	3	3	0
Southeastern Louisiana U.	87	0	40	0	12	0	12	0	0	18	4	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	1	*	*	0	0	0	*	0	*	0	0	0	0
Southern U. and A&M C., Baton Rouge	235	18	20	23	70	0	2	6	52	26	2	16	0
Southern U., New Orleans	6	*	1	1	0	0	0	*	*	2	*	0	0
U. Louisiana, Lafayette	1,084	50	513	85	126	41	30	4	96	33	13	51	43
U. Louisiana, Monroe	75	0	22	*	0	0	40	0	0	1	0	9	3
U. New Orleans	119	0	21	6	18	13	0	1	0	44	6	9	0
Private	1,850	2	274	49	62	197	386	63	58	147	47	87	479
Dillard U.	588	0	120	43	15	154	45	47	50	68	23	23	0
Tulane U.	1,192	0	143	4	42	43	306	15	8	65	23	64	479
Xavier U. Louisiana	70	2	11	2	5	0	36	1	0	13	1	1	0
Maine	1,118	304	169	34	251	131	24	7	36	96	26	28	13
Public	912	300	91	30	251	103	14	4	29	50	13	17	7
U. Maine	796	290	70	24	231	95	2	*	23	34	7	12	7
U. Maine, Farmington	107	10	20	4	18	8	12	3	6	15	6	5	0
U. Southern Maine	8	0	1	2	2	0	*	*	1	1	*	*	0
Private	207	4	77	4	0	28	10	3	7	46	12	10	6
Bates C.	36	0	16	*	0	4	0	*	*	9	3	2	1
Bowdoin C.	57	0	17	2	0	13	0	1	1	13	3	5	2



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Mount Holyoke C.	44	0	11	2	0	5	0	1	*	13	11	*	0
New England C. of Optometry	6	0	3	0	0	0	3	0	0	0	0	0	0
Northeastern U.	549	0	49	38	196	18	69	2	0	79	29	29	39
Smith C.	98	0	39	5	7	7	3	2	2	17	11	3	4
Tufts U.	706	143	229	15	105	6	146	1	0	43	17	2	0
Wellesley C.	122	4	41	10	5	9	0	3	4	37	7	4	0
Western New England U.	70 i	0 i	13 i	5 i	24 i	0 i	* i	2 i	0 i	15 i	5 i	5 i	0 i
Williams C.	39 i	0 i	7 i	3 i	0 i	3 i	0 i	3 i	1 i	12 i	4 i	4 i	0 i
Woods Hole Oceanographic Institution	360	0	60	8	118	112	0	5	0	53	0	4	0
Worcester Polytechnic Institute	168	0	29	12	101	0	9	3	0	12	2	1	0
Michigan	7,333	935	1,771	71	1,290	161	1,167	48	142	908	199	239	402
Public	7,021	935	1,596	63	1,261	156	1,149	44	142	874	187	237	378
Central Michigan U.	296	14	118	5	29	9	36	9	5	32	26	13	0
Eastern Michigan U.	59	0	10	*	19	7	4	1	0	13	2	2	0
Ferris State U.	27	0	6	*	10	1	2	0	0	6	1	0	0
Grand Valley State U.	115	0	30	3	46	4	10	0	16	7	0	*	0
Lake Superior State U.	100 i	0 i	21 i	3 i	18 i	8 i	12 i	3 i	8 i	15 i	6 i	5 i	0 i
Michigan State U.	2,620	907	528	23	221	24	127	14	99	426	48	74	128
Michigan Technological U.	373	0	23	4	217	40	7	2	0	32	2	1	44
Northern Michigan U.	20	0	7	*	0	2	1	0	0	9	*	1	0
Oakland U.	146	0	31	4	19	0	46	*	0	24	8	0	14
Saginaw Valley State U.	32	2	*	1	12	*	10	*	1	5	1	*	0
U. Michigan, Ann Arbor	2,054	12	572	3	487	47	566	4	13	176	33	81	59
U. Michigan, Dearborn	52	0	9	3	31	1	0	*	0	8	0	0	0
Wayne State U.	1,032	0	200	12	123	6	317	9	0	114	59	59	132
Western Michigan U. and Homer Stryker M.D. School of Medicine	97	0	41	1	28	5	10	*	0	9	1	*	0
Private	312	0	176	8	28	6	18	4	*	34	11	2	25
Calvin U.	49	0	9	5	13	2	6	*	*	9	2	2	0
Hope C.	97	0	21	2	9	4	7	3	0	19	8	0	25
U. Detroit Mercy	31	0	10	1	6	0	5	1	0	6	1	1	0
Van Andel Research Institute	135	0	135	0	0	0	0	0	0	0	0	0	0
Minnesota	4,233	1,395	619	39	357	208	786	61	213	261	147	123	22
Public	4,001	1,395	554	16	356	186	782	48	207	211	122	103	22

TABLE 5

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State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Minnesota State U., Mankato	41	*	6	0	19	2	0	*	*	7	6	1	0
U. Minnesota, Duluth	195	0	17	1	26	19	*	0	98	2	3	6	21
U. Minnesota, Twin Cities	3,765	1,395	531	15	311	165	781	48	109	202	113	95	*
Private	232	0	65	23	2	22	4	13	6	51	26	20	0
Carleton C.	148	0	38	20	0	17	0	8	2	36	14	14	0
Macalester C.	27	0	6	1	0	4	0	1	2	6	5	3	0
St. Olaf C.	37	0	9	1	*	*	4	4	3	6	6	3	0
U. of St. Thomas (MN)	20	0	13	1	1	1	0	0	0	2	2	0	0
Mississippi	4,006	1,139	1,217	70	642	78	305	27	133	244	35	103	13
Public	4,002	1,139	1,214	69	642	78	305	27	133	244	35	103	13
Alcorn State U.	68	20	13	2	5	0	0	3	15	*	*	10	0
Jackson State U.	107	0	12	51	6	2	1	10	0	16	1	*	8
Mississippi State U.	2,251	1,117	101	11	547	28	219	12	26	90	23	78	0
U. Mississippi	941	0	810	*	20	2	58	0	0	43	4	4	0
U. Southern Mississippi	635	2	278	4	63	46	27	3	92	96	7	11	5
Private	3	0	2	1	*	0	0	0	*	*	0	0	0
Tougaloo C.	3	0	2	1	*	0	0	0	*	*	0	0	0
Missouri	3,655	319	1,052	61	471	83	992	6	175	363	91	38	5
Public	1,610	318	216	46	339	40	203	3	175	166	73	27	5
Lincoln U., Jefferson City	81	65	4	0	*	0	0	0	10	2	0	0	0
Missouri State U.	110	27	21	1	13	6	13	0	7	16	4	3	0
Missouri U. of Science and Technology	285	0	13	8	196	20	0	*	5	42	1	0	0
U. Missouri, Columbia	786	227	123	31	84	8	75	1	153	50	25	6	2
U. Missouri, Kansas City	221	0	27	3	46	6	110	*	0	14	10	1	3
U. Missouri, Saint Louis	127	0	27	2	0	0	5	1	0	43	32	16	0
Private	2,045	1	836	15	132	42	790	3	0	197	18	11	0
Saint Louis U.	633	0	284	2	48	9	208	*	0	68	10	4	0
U. of Health Sciences and Pharmacy in St. Louis	30	1	8	*	0	0	20	1	0	*	*	1	0
Washington U., Saint Louis	1,382	0	545	13	84	33	562	2	0	128	8	6	0
Montana	690	205	129	6	107	53	62	4	11	90	1	9	13
Public	690	205	129	6	107	53	62	4	11	90	1	9	13
Montana State U., Bozeman	324	146	35	3	55	7	1	1	7	67	0	4	0
Montana Technological U.	88	0	2	*	52	27	0	1	0	4	0	0	1

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U. Montana, Missoula	278	59	92	2	0	19	61	3	4	19	1	6	13
Nebraska	2,564	896	615	28	166	11	557	1	48	114	24	83	21
Public	2,430	896	567	28	166	11	488	1	48	102	22	81	21
U. Nebraska, Kearney	58	3	8	3	10	*	23	1	*	2	4	3	0
U. Nebraska, Lincoln and Medical Center	2,283	893	526	14	143	9	461	0	47	95	13	61	21
U. Nebraska, Omaha	89	0	32	11	14	2	5	0	0	4	5	17	0
Private	134	0	48	*	0	0	68	*	0	13	2	2	0
Creighton U.	134	0	48	*	0	0	68	*	0	13	2	2	0
Nevada	1,110	98	258	46	189	145	87	3	24	153	44	34	28
Public	1,061	98	235	46	189	145	62	3	24	153	44	34	28
Desert Research Institute	136	6	20	12	3	87	4	0	1	0	0	3	0
Nevada State C.	97 i	0 i	21 i	3 i	17 i	8 i	12 i	3 i	6 i	15 i	6 i	5 i	0 i
U. Nevada, Las Vegas	265	0	44	11	54	14	40	*	0	42	20	11	28
U. Nevada, Reno	564	92	150	19	115	35	6	0	17	97	18	14	0
Private	49	0	23	*	0	0	26	0	0	0	0	0	0
Roseman U. of Health Sciences	49	0	23	*	0	0	26	0	0	0	0	0	0
New Hampshire	1,177	101	316	59	201	83	163	18	27	110	43	46	8
Public	357	101	44	14	61	64	5	*	16	32	10	3	6
U. New Hampshire	357	101	44	14	61	64	5	*	16	32	10	3	6
Private	819	0	272	45	140	18	158	18	11	78	33	43	2
Dartmouth C.	819	0	272	45	140	18	158	18	11	78	33	43	2
New Jersey	3,598	273	1,081	77	545	102	698	33	41	513	127	101	9
Public	2,567	273	820	37	302	48	663	9	38	218	111	41	8
C. New Jersey	72	0	16	2	21	1	6	0	0	17	7	2	0
Kean U.	69	0	18	5	0	0	17	1	1	11	4	5	6
Montclair State U.	85	0	17	9	1	2	7	3	1	33	8	1	2
New Jersey Institute of Technology	146	0	13	6	96	1	0	*	0	31	0	0	0
Rowan U.	156	0	88	1	37	3	2	2	0	19	3	1	0
Rutgers, State U. New Jersey, Camden	27	0	20	0	0	0	0	0	0	4	3	0	0
Rutgers, State U. New Jersey, New Brunswick	1,786	269	547	11	148	30	604	0	31	55	61	29	0
Rutgers, State U. New Jersey, Newark	129	0	78	0	0	9	0	0	0	29	13	0	0
Stockton U.	17	*	5	*	*	2	*	*	2	4	3	1	0
William Paterson U.	81	3	17	3	0	0	26	2	3	14	10	3	*





TABLE 5

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SUNY, Downstate Health Sciences U.	130	0	72	0	0	0	22	0	0	0	0	0	35
SUNY, Geneseo	34	0	2	0	0	8	0	1	0	11	8	5	0
SUNY, Oswego	39	0	11	1	5	5	0	0	0	10	5	2	0
SUNY, Polytechnic Institute	630	0	6	*	609	0	0	0	*	14	1	0	0
SUNY, Stony Brook U.	1,281	0	361	67	200	132	232	34	7	188	40	10	11
SUNY, U. Albany	217	0	42	6	15	32	16	2	9	38	9	43	6
SUNY, U. Buffalo	727	0	203	16	133	18	216	2	1	92	29	16	0
SUNY, Upstate Medical U.	282	0	273	0	0	0	9	0	0	0	0	0	0
Private	10,406	667	4,800	176	1,167	299	1,283	81	119	1,212	244	166	193
Albany C. of Pharmacy and Health Sciences	17 i	0 i	12 i	1 i	0 i	1 i	0 i	* i	* i	2 i	* i	* i	0 i
Albany Medical C.	144 i	0 i	4 i	* i	0 i	0 i	135 i	* i	0 i	4 i	* i	* i	0 i
Albert Einstein C. of Medicine	539	0	275	0	0	0	210	0	0	0	0	0	54
Alfred U.	28	0	0	0	28	0	0	0	0	0	0	0	0
Barnard C.	17	0	9	0	0	0	0	0	1	1	6	*	0
Canisius U.	35	1	12	2	0	0	0	0	0	18	2	0	0
Clarkson U.	142	0	14	1	86	0	1	2	2	30	1	0	3
Cold Spring Harbor Laboratory	360	36	311	7	0	0	2	0	0	4	0	0	0
Colgate U.	121	0	14	5	0	27	0	8	7	39	5	15	0
Columbia U. in the City of New York	2,066	0	628	37	261	211	485	28	28	276	54	58	0
Cornell U.	1,956	605	746	12	165	5	2	1	39	297	12	9	63
Fordham U.	83	0	27	5	2	0	0	2	21	13	6	7	0
Hobart and William Smith Colleges	26	0	10	*	0	3	0	*	*	8	3	1	0
Hofstra U.	85	1	7	14	16	1	26	0	1	13	2	3	3
Icahn School of Medicine at Mount Sinai	779	0	754	25	0	0	0	0	0	0	0	0	0
Long Island U.	10	5	0	0	1	0	4	0	0	0	0	0	0
Manhattan C.	38 i	0 i	4 i	3 i	5 i	3 i	0 i	4 i	1 i	11 i	4 i	4 i	0 i
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	4	0	4	0	0	0	1	0	0	0	0	0	0
New School	30 i	0 i	2 i	2 i	5 i	0 i	* i	* i	0 i	2 i	7 i	11 i	0 i
New York Institute of Technology	42	0	6	2	9	0	20	0	0	5	0	0	0
New York Medical C.	127	0	106	0	0	0	21	0	0	0	0	0	0
New York U.	1,084	0	865	0	119	0	11	4	0	58	20	6	0
Pace U.	16	0	9	2	*	0	1	0	1	2	1	*	0

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Rensselaer Polytechnic Institute	299	0	4	9	222	9	0	5	0	24	7	9	8
Rochester Institute of Technology	266	0	10	29	124	0	8	5	1	48	3	1	36
Rockefeller U.	533	0	506	0	0	0	27	0	0	0	0	0	0
Skidmore C.	118	0	38	2	0	4	9	2	2	46	9	6	0
St. John's U., New York	73	0	15	0	0	0	41	0	0	13	5	*	0
Syracuse U.	201	*	41	3	43	16	6	1	0	46	13	8	23
Teachers C., Columbia U.	71	0	10	1	0	0	10	10	0	0	25	15	0
U. Rochester	905	0	321	7	52	9	262	*	0	215	36	3	0
Union C., Schenectady	85	0	17	2	27	6	0	1	4	17	4	3	4
Vassar C.	85	18	16	3	0	4	0	7	10	13	10	5	0
Yeshiva U.	23	0	5	2	0	0	1	*	0	7	8	*	0
North Carolina	8,693	1,336	2,477	129	1,123	225	1,960	119	132	605	164	180	244
Public	5,963	1,333	1,204	118	979	216	882	117	110	478	120	162	244
Appalachian State U.	55	0	26	1	0	2	13	0	0	7	4	2	0
East Carolina U.	321	0	133	8	3	18	120	0	0	26	5	7	0
Elizabeth City State U.	16	0	2	3	3	1	4	1	1	1	1	1	0
Fayetteville State U.	15	1	4	1	0	1	1	1	0	4	1	1	0
North Carolina A&T State U.	286	55	10	3	83	1	54	30	46	5	0	0	0
North Carolina Central U.	218	0	0	0	0	0	0	0	0	0	0	0	218
North Carolina State U.	2,764	1,202	450	39	688	61	8	63	43	148	13	39	11
U. North Carolina, Asheville	31	0	7	1	2	1	1	1	7	9	2	1	0
U. North Carolina, Chapel Hill	1,427	75	415	27	49	32	610	12	0	136	32	39	0
U. North Carolina, Charlotte	306	0	38	26	115	7	22	4	0	61	12	22	0
U. North Carolina, Greensboro	199	0	53	4	0	1	33	2	4	32	21	35	15
U. North Carolina, Wilmington	147	0	22	2	0	78	1	0	1	16	23	4	0
Western Carolina U.	76	0	25	1	18	7	2	0	3	15	1	6	0
Winston-Salem State U.	103	0	21	4	18	8	14	3	6	17	7	6	0
Private	2,730	3	1,272	11	143	9	1,078	2	22	127	44	18	0
Davidson C.	44	0	9	2	0	0	0	*	1	14	17	*	0
Duke U.	983	0	381	5	114	9	334	2	17	94	13	13	0
Wake Forest U.	1,704	3	882	4	29	0	744	0	4	19	14	5	0
North Dakota	1,600	1,073	132	4	199	17	26	1	10	62	17	5	54
Public	1,592	1,069	130	4	198	17	26	1	9	61	17	5	54

TABLE 5

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State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
North Dakota State U.	1,304	1,069	75	4	37	8	16	1	9	36	11	2	36
U. North Dakota	288	0	55	1	161	9	10	0	0	25	6	2	18
Private	9	4	2	*	1	0	0	*	1	1	0	*	0
United Tribes Technical C.	9	4	2	*	1	0	0	*	1	1	0	*	0
Ohio	7,585	1,134	1,905	101	1,807	168	1,236	32	132	691	204	140	36
Public	6,290	1,134	1,590	88	1,186	158	1,041	25	121	608	193	125	20
Bowling Green State U.	241	0	62	6	4	18	27	8	2	58	34	21	0
Central State U.	65	9	6	5	29	4	0	*	12	*	0	*	0
Cleveland State U.	147	0	30	7	57	0	8	0	0	29	8	8	0
Kent State U.	244	0	62	9	6	10	12	3	0	93	29	21	0
Miami U.	234	0	64	5	21	16	6	*	10	66	25	8	13
Northeast Ohio Medical U.	216	0	197	0	0	0	19	0	0	0	0	0	0
Ohio State U.	3,079	1,114	661	24	409	62	567	3	55	102	48	33	0
Ohio U.	155	0	43	8	49	2	19	0	0	28	4	1	0
U. Akron	324	0	51	1	237	2	1	1	0	26	5	1	0
U. Cincinnati	759	0	189	2	191	19	241	4	0	81	10	15	7
U. Toledo	508	8	124	0	86	24	130	4	29	74	18	11	0
Wright State U.	166	3	73	11	29	0	4	0	12	20	10	2	0
Youngstown State U.	152	0	25	10	70	4	5	1	1	30	2	4	0
Private	1,295	0	316	13	622	9	194	7	11	82	11	15	16
C. Wooster	35 i	0 i	5 i	3 i	0 i	3 i	0 i	3 i	1 i	12 i	4 i	4 i	0 i
Case Western Reserve U.	674	0	287	0	122	2	194	0	0	43	3	7	16
Heidelberg U.	9	0	1	0	0	0	0	0	8	0	0	0	0
Kenyon C.	34 i	0 i	5 i	3 i	0 i	3 i	0 i	3 i	1 i	11 i	4 i	4 i	0 i
U. Dayton	543	0	18	7	500	2	0	0	0	15	1	0	0
Oklahoma	2,447	490	629	32	475	341	91	10	24	234	53	69	1
Public	2,306	488	614	22	405	334	87	7	24	226	37	61	1
Langston U.	94 i	73 i	12 i	* i	2 i	* i	2 i	* i	1 i	2 i	* i	1 i	0 i
Oklahoma State U., Center for Health Sciences	62	0	46	0	0	0	6	0	0	0	0	10	0
Oklahoma State U., Stillwater	806	382	157	4	140	21	2	1	12	73	10	2	0
U. Central Oklahoma	38	3	12	3	10	0	1	2	*	4	1	0	1
U. Oklahoma, Norman and Health Science Center	1,275	29	378	14	247	313	69	4	10	147	17	45	0
U. Oklahoma, Tulsa	31	0	8	0	6	0	7	0	0	0	8	2	0

TABLE 5

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Private	141	2	15	10	70	6	3	3	*	8	16	8	0
U. Tulsa	141	2	15	10	70	6	3	3	*	8	16	8	0
Oregon	2,622	170	850	62	389	147	450	14	104	256	95	72	13
Public	2,427	166	800	50	389	144	422	8	100	197	77	64	10
Oregon Health and Science U.	854	0	452	5	23	0	357	0	3	0	8	6	0
Oregon Institute of Technology	74	0	0	0	68	0	4	0	1	1	0	0	0
Oregon State U.	783	166	143	24	189	84	52	*	80	39	1	5	0
Portland State U.	170	0	35	9	46	4	1	5	12	30	4	21	3
U. Oregon	547	0	170	13	63	56	8	3	4	127	64	33	7
Private	196	4	50	11	0	3	28	6	4	60	19	8	3
Lewis and Clark C.	16	0	7	*	0	1	0	*	0	5	3	0	0
National U. of Natural Medicine	2	0	0	0	0	0	2	0	0	0	0	0	0
Pacific U.	62	0	9	4	0	0	22	3	2	14	7	*	2
Reed C.	48	0	18	5	0	0	0	0	0	19	7	0	0
Willamette U.	68	4	17	3	0	2	5	3	2	21	2	8	1
Pennsylvania	9,988	433	2,901	244	1,899	166	2,364	97	137	1,097	298	319	33
Public	5,170	415	1,359	53	1,002	93	1,293	42	111	528	134	140	0
Indiana U. Pennsylvania	63	*	11	2	7	4	6	1	3	8	2	19	0
Pennsylvania State U., Altoona	24	0	3	*	11	0	2	0	0	7	*	0	0
Pennsylvania State U., Behrend	73	0	3	2	58	1	0	1	1	3	0	4	0
Pennsylvania State U., Harrisburg	53	0	11	*	27	0	4	1	0	5	2	2	0
Pennsylvania State U., University Park and Hershey Medical Center	2,611	386	570	22	738	64	369	20	108	226	41	66	0
Temple U.	486	0	95	6	40	8	214	*	0	76	35	12	0
U. Pittsburgh, Pittsburgh	1,801	29	652	17	114	14	694	18	0	187	45	31	0
West Chester U. Pennsylvania	60 i	0 i	14 i	3 i	6 i	2 i	4 i	1 i	0 i	15 i	9 i	6 i	0 i
Private	4,818	18	1,542	191	898	73	1,070	55	25	569	165	180	33
Bryn Mawr C.	46	0	9	1	0	5	0	2	0	14	5	9	1
Bucknell U.	81	0	19	0	22	7	0	*	1	20	12	*	0
Carnegie Mellon U.	646	0	59	117	375	0	0	5	0	50	27	7	6
Drexel U.	434	3	123	8	128	2	90	6	12	32	8	1	20
Duquesne U.	387	0	74	5	9	0	138	5	0	98	7	50	0
Franklin and Marshall C.	156	0	45	6	0	19	0	5	2	44	15	20	0
Haverford C.	41	0	9	4	0	2	0	3	0	18	6	0	0

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

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State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Lafayette C.	122	0	30	3	33	6	0	4	1	10	15	21	0
Lehigh U.	256	0	22	0	127	14	11	0	0	67	12	2	0
Philadelphia C. of Osteopathic Medicine	32	0	27	0	0	0	2	0	0	0	3	0	0
Saint Joseph's U.	92	2	35	2	0	0	16	15	0	17	4	0	0
Swarthmore C.	87	0	35	2	17	0	0	1	0	17	12	2	0
Thomas Jefferson U.	283	0	272	0	0	0	5	0	0	0	0	6	0
U. Pennsylvania	1,935	*	727	37	144	10	801	4	0	130	25	54	4
U. Scranton	70 i	11 i	13 i	5 i	0 i	6 i	* i	2 i	5 i	16 i	5 i	5 i	0 i
Ursinus C.	48	0	22	0	0	0	3	1	0	21	1	0	0
Villanova U.	103	0	19	2	43	2	3	1	4	16	7	3	3
Rhode Island	794	46	215	21	132	126	70	29	8	92	45	10	0
Public	336	43	80	2	58	100	13	0	0	30	7	2	0
Rhode Island C.	15	*	9	0	0	*	0	0	0	3	2	0	0
U. Rhode Island	322	43	71	2	58	100	13	0	0	27	6	2	0
Private	458	3	135	19	74	26	57	29	8	62	38	8	0
Brown U.	401	0	117	19	67	23	56	28	8	48	27	7	0
Providence C.	41	0	14	0	5	0	0	0	0	12	10	0	0
Roger Williams U.	16	3	3	*	3	3	1	*	*	3	*	*	0
South Carolina	3,017	350	792	62	658	143	474	21	20	316	83	79	20
Public	2,916	348	761	59	655	134	471	20	18	274	78	79	20
C. Charleston	187	0	58	8	2	19	22	1	0	47	14	15	0
Citadel Military C. South Carolina	66	0	11	4	17	0	4	0	0	28	1	2	0
Clemson U.	1,051	347	90	16	419	27	5	17	16	80	7	7	20
Coastal Carolina U.	55	0	7	0	2	19	14	1	*	7	2	3	0
Medical U. South Carolina	732	0	454	0	13	0	265	0	0	0	0	0	0
South Carolina State U.	4	1	1	1	1	0	1	0	0	1	0	0	0
U. South Carolina, Aiken	38	0	9	1	1	2	10	1	0	6	4	4	0
U. South Carolina, Columbia	759	0	126	19	199	66	148	0	1	102	49	48	0
Winthrop U.	24	*	5	10	0	*	2	*	1	3	1	2	0
Private	101	2	31	3	4	9	3	1	1	42	5	0	0
Benedict C.	11	0	3	2	3	0	0	0	0	3	0	0	0
Clafin U.	23	2	13	2	1	1	0	1	1	3	0	0	0
Furman U.	67	0	15	0	0	7	3	*	0	36	5	0	0

TABLE 5

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South Dakota	893	546	85	16	132	7	11	1	26	57	6	6	0
Public	893	546	85	16	132	7	11	1	26	57	6	6	0
Black Hills State U.	13	2	4	0	0	1	0	0	1	5	2	0	0
Dakota State U.	17	*	1	15	0	0	*	0	0	1	0	*	0
South Dakota School of Mines and Technology	93	0	3	1	71	5	0	0	0	13	0	0	0
South Dakota State U.	704	544	39	0	50	0	11	1	25	26	4	3	0
U. South Dakota	66	0	38	0	10	1	0	0	1	12	0	3	0
Tennessee	4,179	1,150	1,108	159	521	34	696	23	56	267	55	80	31
Public	2,862	1,150	594	108	436	28	129	22	56	200	35	74	31
Austin Peay State U.	10	1	2	*	2	1	2	1	1	1	1	1	0
East Tennessee State U.	144	0	102	0	6	7	14	0	0	8	2	5	0
Middle Tennessee State U.	63	*	25	0	5	3	2	0	0	17	3	2	4
Tennessee State U.	178	127	26	4	6	2	3	2	0	6	3	0	0
Tennessee Technological U.	107	3	9	6	54	2	*	3	6	22	2	*	0
U. Memphis	331	8	36	29	54	14	59	13	0	33	18	49	18
U. Tennessee, Chattanooga	107	0	25	25	37	0	9	0	0	6	3	2	0
U. Tennessee, Health Science Center	338	0	277	19	1	0	40	0	0	0	0	0	0
U. Tennessee, Knoxville	1,583	1,011	91	24	271	0	0	4	49	105	3	15	8
Private	1,318	0	514	51	84	6	567	2	0	68	21	6	0
Fisk U.	14	0	3	0	0	0	0	0	0	8	2	1	0
Meharry Medical C.	260	0	183	2	0	0	75	0	0	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center <sup>b</sup>	1,044	0	328	48	84	6	492	2	0	60	19	5	0
Texas	17,773	1,499	6,332	315	3,439	526	2,381	104	181	1,597	349	348	701
Public	15,677	1,486	5,349	253	3,092	445	2,222	69	169	1,319	295	299	677
Lamar U.	172	1	5	11	55	10	12	4	6	28	1	9	29
Prairie View A&M U.	251	174	10	1	33	0	12	1	0	16	1	1	2
Sam Houston State U.	96	2	33	2	1	2	5	1	10	4	5	30	0
Stephen F. Austin State U.	149	40	10	20	20	10	10	3	0	30	3	3	0
Sul Ross State U.	24	6	10	1	0	1	1	0	1	2	2	2	0
Tarleton State U.	52	19	6	0	14	2	1	0	4	3	0	3	0
Texas A&M International U.	45	0	20	0	4	1	2	0	0	17	1	*	0
Texas A&M U., College Station and Health Science Center	3,293	790	620	5	983	119	163	30	35	295	85	85	84
Texas A&M U.-Commerce	60	7	12	3	11	0	9	5	1	9	4	0	0

TABLE 5

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Texas A&M U.-Corpus Christi	139	0	34	10	36	30	12	1	3	11	1	2	0
Texas A&M U.-Kingsville	112	34	22	0	19	0	0	0	25	13	0	0	0
Texas A&M U.-San Antonio	31	0	9	8	0	3	4	0	0	4	3	1	0
Texas Southern U.	67	5	8	1	6	1	7	2	19	5	1	11	0
Texas State U.	227	4	43	6	37	3	26	1	14	35	5	54	0
Texas Tech U.	854	272	126	3	215	46	11	4	20	92	13	8	43
Texas Tech U., Health Sciences Center	232	0	61	0	0	0	171	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	126	0	82	0	0	0	45	0	0	0	0	0	0
Texas Woman's U.	74	0	33	1	0	0	24	1	0	5	5	2	2
U. Houston	702	1	130	26	224	41	90	3	7	154	21	5	0
U. Houston-Clear Lake	26	0	6	0	0	5	1	0	4	10	0	0	0
U. North Texas, Denton	230	0	85	17	75	0	5	1	1	37	6	1	1
U. North Texas, Health Science Center	335	0	207	0	0	0	128	0	0	0	0	0	0
U. Texas Health Science Center, Houston	480	0	278	0	0	0	189	0	0	0	14	0	0
U. Texas Health Science Center, San Antonio	667	0	351	0	0	0	315	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	62	0	48	0	0	0	14	0	0	0	*	0	0
U. Texas M. D. Anderson Cancer Center	1,506	65	1,441	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	442	0	348	0	0	0	94	0	0	0	0	0	0
U. Texas of the Permian Basin	23	1	2	2	5	2	2	2	1	2	2	*	2
U. Texas Rio Grande Valley	230	2	14	4	33	23	70	0	0	69	8	1	7
U. Texas Southwestern Medical Center	1,399	0	715	0	57	0	621	0	0	0	7	0	0
U. Texas, Arlington	515	0	83	41	205	14	56	2	0	98	15	1	0
U. Texas, Austin	1,629	0	217	47	520	69	72	2	0	167	39	27	469
U. Texas, Dallas	707	0	141	22	327	32	30	*	0	107	10	3	34
U. Texas, El Paso	317	0	83	12	100	20	12	3	5	38	23	17	5
U. Texas, San Antonio	269	10	30	11	87	11	0	1	10	63	14	32	0
U. Texas, Tyler	39	0	16	0	11	0	6	0	0	3	2	1	0
West Texas A&M U.	94	54	12	1	16	1	1	*	4	3	2	0	0
Private	2,096	13	983	61	346	81	159	35	12	278	54	50	24
Abilene Christian U.	56	1	5	0	25	0	0	0	0	25	0	0	0
Baylor C. of Medicine	888	0	790	0	0	0	98	0	0	0	0	0	0
Baylor U.	297	1	64	6	63	31	23	8	7	71	10	12	0
Rice U.	404	0	50	8	195	12	0	8	0	92	6	8	24

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Southern Methodist U.	174	0	23	28	45	21	6	1	0	30	8	13	0
St. Edward's U.	90 i	0 i	19 i	16 i	0 i	0 i	* i	15 i	0 i	21 i	10 i	10 i	0 i
Texas Christian U.	108	3	14	3	12	14	10	3	5	28	15	2	0
Trinity U.	50	7	15	1	5	3	0	*	*	11	4	4	0
U. of the Incarnate Word	30	*	3	*	2	*	22	*	0	*	1	1	0
Utah	2,863	312	539	71	669	81	684	3	107	290	41	52	14
Public	2,500	312	477	59	583	66	667	3	52	212	31	36	2
U. Utah	1,699	0	423	57	253	62	663	2	0	176	28	34	2
Utah State U.	760	310	35	2	324	2	3	*	51	29	3	1	0
Utah Valley U.	41	3	19	1	6	2	1	1	1	7	*	1	0
Private	362	0	61	12	86	15	17	0	55	79	10	16	12
Brigham Young U., Provo	362	0	61	12	86	15	17	0	55	79	10	16	12
Vermont	459	19	145	5	38	15	123	2	21	40	20	8	22
Public	363	18	123	3	19	5	121	1	18	19	9	3	21
U. Vermont	363	18	123	3	19	5	121	1	18	19	9	3	21
Private	95	1	22	2	18	10	2	1	2	20	12	5	*
Middlebury C.	58	0	20	1	0	6	0	1	2	13	10	5	*
Norwich U.	37	1	2	2	18	3	2	0	0	8	2	0	0
Virginia	5,575	773	1,133	132	943	270	1,044	47	169	544	144	147	229
Public	5,215	773	975	122	943	267	979	41	169	465	130	123	229
Christopher Newport U.	33	1	15	3	1	0	0	*	0	2	10	1	0
Eastern Virginia Medical School	79	0	65	0	1	0	13	0	0	0	0	0	0
George Mason U.	345	0	97	31	51	16	20	3	10	36	27	37	16
James Madison U.	122	0	20	1	13	10	21	4	0	36	7	1	9
Norfolk State U.	74	0	7	17	19	0	10	0	0	22	*	*	0
Old Dominion U.	264	9	36	5	64	42	10	0	0	50	11	2	35
U. Virginia, Charlottesville	1,405	86	269	15	211	0	470	17	76	175	37	47	0
Virginia Commonwealth U.	734	0	225	23	125	0	289	13	4	25	8	14	7
Virginia Military Institute	55	2	4	10	19	1	0	2	0	13	3	1	0
Virginia Polytechnic Institute and State U.	1,717	637	188	10	435	19	143	1	70	59	10	1	143
Virginia State U.	59	38	6	5	4	0	0	0	0	5	2	0	0
William & Mary	329	0	44	1	0	178	4	0	8	43	14	19	18
Private	360	*	158	10	0	3	65	6	*	79	14	24	0



TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Edward Via C. of Osteopathic Medicine	39	0	27	1	0	0	10	*	0	0	0	0	0
Hampton U.	11	0	2	0	0	3	2	0	0	4	0	0	0
Liberty U.	176 i	* i	82 i	7 i	0 i	0 i	53 i	2 i	* i	21 i	5 i	6 i	0 i
U. Richmond	134	0	47	3	0	0	0	4	0	53	9	18	0
Washington	4,729	929	857	107	634	211	1,233	11	140	410	89	85	24
Public	4,666	928	841	104	634	205	1,233	8	139	387	85	78	24
Central Washington U.	48	0	8	2	1	10	1	0	0	8	10	7	0
Eastern Washington U.	30	0	21	3	*	3	0	0	0	3	0	0	0
U. Washington, Bothell	16 i	0 i	2 i	1 i	3 i	2 i	3 i	* i	1 i	3 i	* i	1 i	0 i
U. Washington, Seattle	2,246	0	404	68	373	145	883	0	103	191	25	32	23
U. Washington, Tacoma	25	0	3	4	8	1	0	0	4	4	1	0	0
Washington State U.	2,174	928	374	21	239	24	337	6	22	150	40	32	0
Western Washington U.	129	0	28	7	11	20	9	2	9	27	9	6	1
Private	62	*	16	2	*	6	*	2	1	24	4	7	*
Seattle U.	1	*	*	*	*	*	*	*	0	*	0	*	*
Whitman C.	61	0	16	2	0	6	0	2	1	23	4	7	0
West Virginia	861	222	214	7	165	13	85	4	48	61	5	9	28
Public	861	222	214	7	165	13	85	4	48	61	5	9	28
Marshall U.	202	*	96	1	47	1	27	1	0	9	2	*	17
West Virginia School of Osteopathic Medicine	30	0	28	0	0	0	2	0	0	0	0	0	0
West Virginia State U.	48	21	9	3	2	1	0	3	5	1	0	4	0
West Virginia U.	581	201	81	3	116	11	56	*	44	50	3	4	11
Wisconsin	5,000	557	1,289	73	723	233	935	23	75	543	204	172	172
Public	4,370	556	1,080	67	664	233	716	22	73	523	202	169	66
U. Wisconsin-Eau Claire	75	0	15	2	3	5	13	4	1	18	7	7	0
U. Wisconsin-Green Bay	27	5	10	1	1	1	0	0	2	5	2	0	0
U. Wisconsin-La Crosse	28	1	5	*	0	1	3	0	3	10	2	2	0
U. Wisconsin-Madison	3,240	413	903	31	451	108	636	7	35	340	146	106	63
U. Wisconsin-Milwaukee	432	0	53	22	108	92	35	3	0	72	23	23	0
U. Wisconsin-Oshkosh	96	4	28	1	9	6	5	*	5	14	8	15	3
U. Wisconsin-Platteville	207	120	5	2	58	1	0	0	3	13	1	6	0
U. Wisconsin-River Falls	108 i	10 i	21 i	3 i	18 i	8 i	12 i	3 i	6 i	15 i	6 i	5 i	0 i
U. Wisconsin-Stevens Point	50	3	21	0	0	2	0	*	3	20	1	0	0

TABLE 5

## Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2023

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Wisconsin-Superior	108 i	0 i	20 i	3 i	18 i	8 i	12 i	3 i	16 i	15 i	6 i	6 i	0 i
Private	630	2	209	6	59	0	219	1	2	20	3	3	106
Marquette U.	117	2	31	5	27	0	18	1	0	19	3	3	8
Medical C. Wisconsin	490	0	178	1	13	0	201	0	0	0	0	0	97
Milwaukee School of Engineering	19	0	0	0	19	0	0	0	0	0	0	0	0
Northland C.	4	0	0	0	0	0	0	0	2	2	*	0	0
Wyoming	1,300	446	166	29	201	86	63	25	75	124	23	61	0
Public	1,300	446	166	29	201	86	63	25	75	124	23	61	0
U. Wyoming	1,300	446	166	29	201	86	63	25	75	124	23	61	0
Guam	53	5	11	3	0	8	0	6	16	2	2	1	0
Public	53	5	11	3	0	8	0	6	16	2	2	1	0
U. Guam	53	5	11	3	0	8	0	6	16	2	2	1	0
Puerto Rico	914	62	467	6	77	36	88	6	9	136	21	6	1
Public	874	62	439	6	75	36	84	6	9	130	21	6	1
U. Puerto Rico, Cayey	15	0	5	0	0	0	0	1	0	8	*	1	0
U. Puerto Rico, Humacao	31	1	12	0	3	*	0	1	1	12	0	*	1
U. Puerto Rico, Mayaguez	258	61	34	1	70	33	0	2	0	54	1	1	0
U. Puerto Rico, Medical Sciences Campus	431	0	345	0	0	0	81	0	0	0	5	0	0
U. Puerto Rico, Ponce	4	0	3	0	0	0	0	0	0	1	0	0	0
U. Puerto Rico, Rio Piedras	135	0	40	5	1	2	3	3	8	56	15	3	0
Private	40	0	29	0	2	0	4	*	0	5	0	0	0
U. Ana G. Mendez, Gurabo	9	0	2	0	2	0	0	*	0	5	0	0	0
U. Central del Caribe	31	0	27	0	0	0	4	0	0	0	0	0	0
Virgin Islands	15	2	*	*	*	2	1	*	2	7	*	*	*
Public	15	2	*	*	*	2	1	*	2	7	*	*	*
U. of the Virgin Islands	15	2	*	*	*	2	1	*	2	7	*	*	*

\* = value &gt; 0 but &lt; 500 net assignable square feet; i = imputed.

S&amp;E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 6

**Academic institutions with science and engineering research space shared with other fields or used for purposes other than research, by field: FY 2023**

(Number and percent)

Field	Institutions with research space (number) <sup>a</sup>	Institutions with research space shared with other fields		Institutions with research space also used for nonresearch purposes	
		Number	Percent	Number	Percent
All research space	571	345	60	372	65
Agricultural sciences	220	85	39	113	51
Biological and biomedical sciences	555	255	46	292	53
Computer and information sciences	453	145	32	256	57
Engineering	408	173	42	243	60
Geosciences, atmospheric sciences, and ocean sciences	380	111	29	200	53
Health sciences	436	152	35	246	56
Mathematics and statistics	369	94	25	199	54
Natural resources and conservation	281	107	38	143	51
Physical sciences	492	191	39	278	57
Psychology	459	109	24	235	51
Social sciences	423	122	29	220	52
Other fields of S&E <sup>b</sup>	168	90	54	87	52

S&amp;E = science and engineering.

<sup>a</sup> Institutions with research space includes only those institutions that reported on shared space.<sup>b</sup> One institution did not respond to the item asking about shared research space for "Other fields of S&E"; therefore, the percentage for that item is based on 167 institutions. The percentage for research space used for nonresearch purposes is based on 168 institutions.**Note(s):**

Institutions were asked to indicate whether any of the net assignable square feet of research space reported in individual field totals was shared with other fields or used for purposes other than research. Percentages are based on the number of institutions with research space in each field of science and engineering.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 7

**Academic institutions with science and engineering research space shared with other fields or used for purposes other than research, by type of institution: FY 2023**

(Number and percent)

Type of institution	Institutions with research space (number) <sup>a</sup>	Institutions with research space shared with other fields		Institutions with research space also used for nonresearch purposes	
		Number	Percent	Number	Percent
All institutions	571	345	60	372	65
Doctorate granting	438	268	61	283	65
Public	305	186	61	192	63
Private	133	82	62	91	68
Nondoctorate granting	133	77	58	89	67

<sup>a</sup> Institutions with research space includes only those institutions that reported on shared space.

**Note(s):**

Institutions were asked to indicate whether any of the net assignable square feet of research space reported in individual field totals was shared with other fields or used for purposes other than research.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

**TABLE 8**  
**New construction of science and engineering research space in academic institutions, by type of institution and time of construction: FYs 2006–25**

(Net assignable square feet in millions)

Type of institution	Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Started in FY 2010 or FY 2011		Started in FY 2012 or FY 2013		Started in FY 2014 or FY 2015		Started in FY 2016 or FY 2017		Started in FY 2018 or FY 2019		Started in FY 2020 or FY 2021		Started in FY 2022 or FY 2023		Planned to start in FY 2024 or FY 2025	
	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF
All institutions	163	8.8	170	9.9	165	8.1	139	6.6	125	5.1	157	6.7	155	5.6	104	4.0	120	5.5	169	12.8
Doctorate granting	142	8.4	140	9.3	148	7.8	117	6.3	113	4.8	137	6.4	132	5.0	98	4.0	106	5.3	149	12.5
Public	104	6.2	106	7.0	117	6.7	82	4.6	85	3.6	109	4.8	106	4.3	73	2.8	80	3.4	121	9.8
Private	37	2.2	34	2.3	31	1.1	35	1.7	28	1.2	28	1.6	26	0.7	25	1.2	26	1.9	28	2.7
Nondoctorate granting	22	0.4	30	0.5	18	0.2	22	0.3	12	0.3	20	0.3	23	0.5	6	0.1	14	0.2	20	0.3
Medical schools <sup>a</sup>	34	2.5	35	2.5	34	2.3	23	1.3	17	0.8	17	0.9	14	0.9	13	0.5	19	1.2	32	3.3

NASF = net assignable square feet.

<sup>a</sup> Medical schools are listed separately and are also included in individual institution totals.

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

**TABLE 9**  
**New construction of science and engineering research space in academic institutions, by field, research animal space, and time of construction: FYs 2006–25**

(Net assignable square feet in millions)

Field and research animal space	Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Started in FY 2010 or FY 2011		Started in FY 2012 or FY 2013		Started in FY 2014 or FY 2015		Started in FY 2016 or FY 2017		Started in FY 2018 or FY 2019		Started in FY 2020 or FY 2021		Started in FY 2022 or FY 2023		Planned to start in FY 2024 or FY 2025	
	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF
All research space	163	8.8	170	9.9	165	8.1	139	6.6	125	5.1	157	6.7	155	5.6	104	4.0	120	5.5	169	12.8
Agricultural sciences	30	0.5	26	0.4	30	0.4	24	0.4	21	0.4	24	0.2	27	0.6	23	0.5	27	0.5	34	1.7
Biological and biomedical sciences	87	2.9	79	3.5	68	2.0	54	2.0	35	1.5	59	1.9	50	1.0	27	1.0	27	0.9	54	3.3
Computer and information sciences	16	0.6	16	0.3	16	0.1	20	0.2	6	0.1	22	0.3	26	0.2	12	0.2	25	0.5	19	0.5
Engineering	50	1.3	56	2.1	54	1.3	54	1.4	43	0.9	57	1.4	60	1.5	39	1.0	49	1.3	57	2.0
Geosciences, atmospheric sciences, and ocean sciences	11	0.3	13	0.1	18	0.3	21	0.2	12	0.2	12	0.1	12	0.1	13	0.1	14	0.2	11	0.3
Health sciences	38	1.7	61	1.9	40	2.8	42	1.6	38	1.0	42	1.4	45	1.3	21	0.6	30	1.3	53	3.7
Mathematics and statistics	3	*	1	*	5	*	5	*	5	*	10	*	3	*	4	0.1	6	*	6	0.1
Natural resources and conservation	na	na	na	na	na	na	na	na	5	*	11	0.1	6	*	7	0.1	5	*	8	0.1
Physical sciences	42	0.7	39	0.9	35	0.6	21	0.6	31	0.7	35	0.6	31	0.5	12	0.3	26	0.6	22	0.5
Psychology	8	0.1	14	0.3	14	0.1	5	*	7	0.1	9	0.1	4	*	3	*	3	*	5	0.1
Social sciences	8	0.1	10	0.2	8	0.1	6	0.1	3	*	11	0.2	7	*	7	0.1	10	0.1	5	0.1
Other fields of S&E	15	0.7	17	0.3	11	0.3	13	0.1	8	0.2	10	0.3	9	0.2	4	0.1	9	0.2	7	0.3
Research animal space <sup>a</sup>	54	1.0	63	0.8	42	0.6	36	0.7	33	0.5	42	0.4	35	0.5	22	0.3	26	0.4	na	na

\* = value > 0 but < 50,000 net assignable square feet. na = not applicable; see notes below.

NASF = net assignable square feet; S&E = science and engineering.

<sup>a</sup> Research animal space is listed separately and is also included in individual field totals.

**Note(s):**

In FY 2015, "Agricultural sciences and natural resources sciences" was split into "Agricultural sciences" and "Natural resources and conservation." Prior to FY 2015, data for "Natural resources and conservation" are included in "Agricultural sciences." For details on field changes in FY 2023, see "Changes in the questionnaire" in the ["Technical Notes"](#) section. Data are not collected on planned new construction of research animal space. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.



















































**TABLE 10**  
**New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Wisconsin-Superior	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Private	103	0	103	0	0	0	0	0	0	0	0	0	0
Marquette U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical C. Wisconsin	103	0	103	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Northland C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Cayey	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Ponce	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Gurabo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central del Caribe	0	0	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0

\* = value > 0 but < 500 net assignable square feet; i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

















**TABLE 11**  
**New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Morehead State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Murray State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Kentucky U.	4	0	2	0	2	0	0	0	0	0	0	0	0
U. Kentucky	326	176	0	0	0	0	150	0	0	0	0	0	0
U. Louisville	16	0	0	1	15	0	0	0	0	0	0	0	0
Western Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana	580	0	170	0	65	0	174	0	18	0	0	2	152
Public	570	0	170	0	65	0	174	0	18	0	0	2	142
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	142	0	0	0	0	0	0	0	0	0	0	0	142
Louisiana State U., Health Sciences Center, New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana Tech U.	18	0	0	0	0	0	0	0	18	0	0	0	0
Northwestern State U. Louisiana	6	0	0	0	0	0	5	0	0	0	0	2	0
Southeastern Louisiana U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern U., New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisiana, Lafayette	325	0	170	0	65	0	90	0	0	0	0	0	0
U. Louisiana, Monroe	79	0	0	0	0	0	79	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	10	0	0	0	0	0	0	0	0	0	0	0	10
Dillard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	10	0	0	0	0	0	0	0	0	0	0	0	10
Xavier U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0
Maine	64	21	0	0	39	0	0	0	3	1	0	0	0
Public	63	21	0	0	39	0	0	0	3	0	0	0	0
U. Maine	63	21	0	0	39	0	0	0	3	0	0	0	0
U. Maine, Farmington	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern Maine	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	1	0	0	0	0	0	0	0	0	1	0	0	0
Bates C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	1	0	0	0	0	0	0	0	0	1	0	0	0















**TABLE 11**  
**New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Rensselaer Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	94 i	0	8 i	21 i	22 i	0	0	1 i	0	41 i	0	0	0
Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U., New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Teachers C., Columbia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	0	0	0	0	0	0	0	0	0	0	0	0	0
Union C., Schenectady	40	0	0	0	40	0	0	0	0	0	0	0	0
Vassar C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	297	47	157	0	1	0	90	0	0	2	0	0	0
Public	297	47	157	0	1	0	90	0	0	2	0	0	0
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	178	0	98	0	1	0	78	0	0	2	0	0	0
Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina A&T State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina Central U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina State U.	5	5	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Asheville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Chapel Hill	114	42	60	0	0	0	12	0	0	0	0	0	0
U. North Carolina, Charlotte	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Greensboro	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Wilmington	0	0	0	0	0	0	0	0	0	0	0	0	0
Western Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Winston-Salem State U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota	110	76	12	0	17	*	0	0	4	1	0	0	0
Public	108	76	11	0	17	0	0	0	4	0	0	0	0

















**TABLE 11**  
**New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Net assignable square feet in thousands)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Wisconsin-Superior	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Marquette U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical C. Wisconsin	0	0	0	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Northland C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wyoming	2	2	0	0	0	0	0	0	0	0	0	0	0
Public	2	2	0	0	0	0	0	0	0	0	0	0	0
U. Wyoming	2	2	0	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	9	0	0	0	9	0	0	0	0	0	0	0	0
Public	9	0	0	0	9	0	0	0	0	0	0	0	0
U. Puerto Rico, Cayey	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	9	0	0	0	9	0	0	0	0	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Ponce	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Gurabo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central del Caribe	0	0	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0

\* = value > 0 but < 500 net assignable square feet; i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 12

**Costs for new construction of science and engineering research space in academic institutions, by field, research animal space, and time of construction: FYs 2006–25**

(Costs in millions of dollars)

Field and research animal space	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
All research space	5,923.5	7,336.0	6,396.2	5,432.5	5,679.5	5,929.3	5,138.7	4,492.6	7,261.1	17,407.7	12,253.4	1,419.3
Agricultural sciences	143.6	154.1	199.3	154.8	106.8	96.8	313.5	410.0	398.7	2,185.1	914.0	63.8
Biological and biomedical sciences	2,092.9	3,256.6	1,579.7	1,847.3	2,047.3	1,943.9	1,065.0	1,091.1	1,399.3	5,518.2	2,002.5	178.5
Computer and information sciences	296.0	175.1	64.8	171.6	95.6	223.4	189.5	400.1	465.9	859.1	509.0	50.0
Engineering	734.9	1,121.7	944.8	1,164.6	891.2	1,368.2	1,437.7	997.5	1,823.9	2,456.2	2,822.2	715.4
Geosciences, atmospheric sciences, and ocean sciences	94.9	44.6	225.7	161.7	119.7	92.2	75.6	160.3	349.1	323.4	220.7	81.3
Health sciences	1,276.9	1,332.3	2,277.1	1,152.1	800.9	1,230.1	1,302.6	541.0	1,548.6	4,211.4	3,633.2	30.0
Mathematics and statistics	8.9	13.5	12.0	13.2	12.6	22.1	7.1	122.3	45.1	69.4	111.6	1.0
Natural resources and conservation	na	na	na	na	20.4	85.6	7.0	54.7	11.8	93.4	117.2	5.0
Physical sciences	631.5	657.5	593.6	590.0	1,287.6	423.4	377.7	425.4	828.2	873.3	1,391.1	209.0
Psychology	57.4	167.3	121.2	15.2	36.3	49.3	22.7	33.9	25.3	140.4	221.1	0.0
Social sciences	74.8	136.7	37.2	34.3	5.1	96.5	16.8	118.0	136.9	388.2	112.2	51.8
Other fields of S&E	511.6	276.6	340.9	127.7	256.1	297.7	323.4	138.3	228.3	289.5	198.6	33.5
Research animal space <sup>a</sup>	757.4	725.1	513.0	992.9	421.0	400.4	335.7	223.9	387.4	na	na	na

na = not applicable; see notes below.

S&amp;E = science and engineering.

<sup>a</sup> Research animal space is listed separately and is also included in individual field totals.**Note(s):**

In FY 2015, "Agricultural sciences and natural resources sciences" was split into "Agricultural sciences" and "Natural resources and conservation." Prior to FY 2015, data for "Natural resources and conservation" are included in "Agricultural sciences." For details on field changes in FY 2023, see "Changes in the questionnaire" in the ["Technical Notes"](#) section. Data are not collected on planned new construction of research animal space. Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.



TABLE 13

**Costs for new construction of research animal space in academic institutions, by type of institution and time of construction: FYs 2006–23**

(Costs in millions of dollars)

Type of institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023
All institutions	757.4	725.1	513.0	992.9	421.0	400.4	335.7	223.9	387.4
Doctorate granting	738.0	659.0	491.8	984.6	417.3	393.7	313.4	223.9	378.2
Public	508.1	417.1	459.5	292.1	337.4	271.3	284.9	126.5	212.4
Private	229.9	241.9	32.3	692.5	79.9	122.4	28.5	97.3	165.8
Nondoctorate granting	19.4	66.1	21.2	8.3	3.7	6.8	22.3	0.0	9.2

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

**TABLE 14**  
**Costs and space for new construction of science and engineering research space in academic institutions, by type of institution and time of construction: FYs 2006–25**

(Costs in millions of dollars and net assignable square feet in millions)

Type of institution	Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Started in FY 2010 or FY 2011		Started in FY 2012 or FY 2013		Started in FY 2014 or FY 2015		Started in FY 2016 or FY 2017		Started in FY 2018 or FY 2019		Started in FY 2020 or FY 2021		Started in FY 2022 or FY 2023		Planned to start in FY 2024 or FY 2025		Costs of deferred projects	
	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	Included in institutional plan	Not included in institutional plan
All institutions	5,923.5	8.8	7,336.0	9.9	6,396.2	8.1	5,432.5	6.6	5,679.5	5.1	5,929.3	6.7	5,138.7	5.6	4,492.6	4.0	7,261.1	5.5	17,407.7	12.8	12,253.4	1,419.3
Doctorate granting	5,681.3	8.4	7,012.4	9.3	6,227.7	7.8	5,211.1	6.3	5,514.8	4.8	5,752.9	6.4	4,778.5	5.0	4,341.7	4.0	7,019.1	5.3	17,101.6	12.5	11,970.3	1,382.3
Public	3,693.8	6.2	5,013.2	7.0	5,495.9	6.7	3,357.3	4.6	3,547.6	3.6	3,986.3	4.8	3,898.4	4.3	2,818.3	2.8	4,271.8	3.4	11,951.2	9.8	10,002.4	1,173.3
Private	1,987.6	2.2	1,999.2	2.3	731.8	1.1	1,853.8	1.7	1,967.2	1.2	1,766.6	1.6	880.1	0.7	1,523.4	1.2	2,747.3	1.9	5,150.5	2.7	1,967.8	209.0
Nondoctorate granting	242.2	0.4	323.6	0.5	168.5	0.2	221.4	0.3	164.7	0.3	176.4	0.3	360.2	0.5	150.9	0.1	242.0	0.2	306.0	0.3	283.1	37.0
Medical schools <sup>a</sup>	1,779.0	2.5	2,137.0	2.5	1,966.9	2.3	1,236.7	1.3	865.2	0.8	945.0	0.9	1,118.2	0.9	582.0	0.5	1,805.1	1.2	4,958.2	3.3	3,064.2	4.3

NASF = net assignable square feet.

<sup>a</sup> Medical schools are listed separately and are also included in individual institution totals.

**Note(s):**  
 Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. Details may not add to totals due to rounding.

**Source(s):**  
 National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

**TABLE 15**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Alabama	104,038	20,103	23,688	0	23,100	11,152	0	0	0	25,995	0	0	0
Public	104,038	20,103	23,688	0	23,100	11,152	0	0	0	25,995	0	0	0
Alabama State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	54,943	20,103	23,688	0	0	11,152	0	0	0	0	0	0	0
Troy U.	25,995	0	0	0	0	0	0	0	0	25,995	0	0	0
U. Alabama, Birmingham	23,100	0	0	0	23,100	0	0	0	0	0	0	0	0
U. Alabama, Huntsville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Alabama	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska	8,800	0	0	0	3,300	3,900	0	0	1,600	0	0	0	0
Public	8,800	0	0	0	3,300	3,900	0	0	1,600	0	0	0	0
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	3,300	0	0	0	3,300	0	0	0	0	0	0	0	0
U. Alaska, Southeast	5,500	0	0	0	0	3,900	0	0	1,600	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	84,575	0	1,850	600	4,825	0	11,000	0	0	59,700	0	0	6,600
Public	84,575	0	1,850	600	4,825	0	11,000	0	0	59,700	0	0	6,600
Arizona State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Dine C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Arizona U.	4,825	0	0	0	4,825	0	0	0	0	0	0	0	0
U. Arizona	79,750	0	1,850	600	0	0	11,000	0	0	59,700	0	0	6,600
Arkansas	159,830	24,380	24,380	12,190	50,120	0	36,570	12,190	0	0	0	0	0
Public	159,830	24,380	24,380	12,190	50,120	0	36,570	12,190	0	0	0	0	0
Arkansas State U., Jonesboro	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Fayetteville	159,830	24,380	24,380	12,190	50,120	0	36,570	12,190	0	0	0	0	0
U. Arkansas, Little Rock	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	0	0	0	0	0	0	0	0
California	1,772,739	5,252	779,816	33,117	26,698	42,500	559,549	0	0	308,279	0	0	17,529





**TABLE 15**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Colorado Colorado Springs	3,293	0	0	0	3,293	0	0	0	0	0	0	0	0
U. Colorado Denver	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Denver	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	87,385	0	46,040	0	0	0	0	0	0	36,175	0	5,170	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	87,385	0	46,040	0	0	0	0	0	0	36,175	0	5,170	0
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacred Heart U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity C., Hartford	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Haven	0	0	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	87,385	0	46,040	0	0	0	0	0	0	36,175	0	5,170	0
Yale U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Delaware	95,926	0	50,148	0	0	0	0	0	0	41,515	0	4,263	0
Public	95,926	0	50,148	0	0	0	0	0	0	41,515	0	4,263	0
Delaware State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Delaware	95,926	0	50,148	0	0	0	0	0	0	41,515	0	4,263	0
District of Columbia	27,890	0	0	0	0	0	0	0	0	0	0	27,890	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	27,890	0	0	0	0	0	0	0	0	0	0	27,890	0
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Catholic U. of America	0	0	0	0	0	0	0	0	0	0	0	0	0
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0	0	0
George Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgetown U.	27,890	0	0	0	0	0	0	0	0	0	0	27,890	0
Howard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	132,540	2,540	0	0	65,000	0	0	0	0	65,000	0	0	0
Public	132,540	2,540	0	0	65,000	0	0	0	0	65,000	0	0	0













**TABLE 15**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	2,400	0	0	0	2,400	0	0	0	0	0	0	0	0
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	159,067	2,249	0	0	55,100	0	101,106	0	612	0	0	0	0
Public	159,067	2,249	0	0	55,100	0	101,106	0	612	0	0	0	0
Central Michigan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Michigan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Ferris State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan State U.	18,861	2,249	0	0	0	0	16,000	0	612	0	0	0	0
Michigan Technological U.	41,396	0	0	0	0	0	41,396	0	0	0	0	0	0
Northern Michigan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oakland U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Michigan, Ann Arbor	98,810	0	0	0	55,100	0	43,710	0	0	0	0	0	0
U. Michigan, Dearborn	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0	0	0
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	6,696	0	1,575	0	2,808	619	0	0	0	1,694	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota State U., Mankato	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Duluth	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Twin Cities	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	6,696	0	1,575	0	2,808	619	0	0	0	1,694	0	0	0
Carleton C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of St. Thomas (MN)	6,696	0	1,575	0	2,808	619	0	0	0	1,694	0	0	0











**TABLE 15**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina A&T State U.	12,900	12,900	0	0	0	0	0	0	0	0	0	0	0
North Carolina Central U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina State U.	64,602	3,802	0	0	0	0	0	0	0	0	0	0	60,800
U. North Carolina, Asheville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Chapel Hill	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Charlotte	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Greensboro	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Wilmington	0	0	0	0	0	0	0	0	0	0	0	0	0
Western Carolina U.	29,956	0	13,325	265	0	563	0	0	0	15,229	0	574	0
Private	7,336	7,336	0	0	0	0	0	0	0	0	0	0	0
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	7,336	7,336	0	0	0	0	0	0	0	0	0	0	0
North Dakota	40,830	36,719	0	0	4,111	0	0	0	0	0	0	0	0
Public	38,830	34,719	0	0	4,111	0	0	0	0	0	0	0	0
North Dakota State U.	38,830	34,719	0	0	4,111	0	0	0	0	0	0	0	0
U. North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	2,000	2,000	0	0	0	0	0	0	0	0	0	0	0
United Tribes Technical C.	2,000	2,000	0	0	0	0	0	0	0	0	0	0	0
Ohio	104,267	19,655	2,248	3,411	58,184	0	0	639	0	0	4,787	11,027	4,315
Public	104,267	19,655	2,248	3,411	58,184	0	0	639	0	0	4,787	11,027	4,315
Bowling Green State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Central State U.	19,655	19,655	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent State U.	13,357	0	0	0	2,986	0	0	0	0	0	0	10,372	0
Miami U.	3,197	0	0	2,558	0	0	0	639	0	0	0	0	0
Northeast Ohio Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	49,267	0	0	0	49,267	0	0	0	0	0	0	0	0
Ohio U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Akron	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	18,791	0	2,248	853	5,932	0	0	0	0	0	4,787	655	4,315











**TABLE 15**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
George Mason U.	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Old Dominion U.	6,280	0	0	0	0	0	6,280	0	0	0	0	0	0
U. Virginia, Charlottesville	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Military Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	22,329	0	0	2,329	20,000	0	0	0	0	0	0	0	0
Virginia State U.	2,918	2,918	0	0	0	0	0	0	0	0	0	0	0
William & Mary	99,893	0	0	7,192	6,652	76,143	5,906	4,001	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Edward Via C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	49,404	0	0	1,700	11,380	0	3,182	0	6,025	27,116	0	0	0
Public	49,404	0	0	1,700	11,380	0	3,182	0	6,025	27,116	0	0	0
Central Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Seattle	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Tacoma	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	36,324	0	0	0	0	0	3,182	0	6,025	27,116	0	0	0
Western Washington U.	13,081	0	0	1,700	11,380	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin	265,945	0	158,625	46,000	0	0	0	0	0	61,320	0	0	0
Public	115,945	0	8,625	46,000	0	0	0	0	0	61,320	0	0	0





i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding. Unit nonrespondent imputed data are not published in this table. Therefore, aggregated totals will not match totals in tables 12, 14, and 17, which include unit nonrespondent imputed data.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

**TABLE 16**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Alabama	347,114	7,000	52,500	0	43,114	0	165,000	0	0	27,000	52,500	0	0
Public	347,114	7,000	52,500	0	43,114	0	165,000	0	0	27,000	52,500	0	0
Alabama State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	47,000	7,000	0	0	40,000	0	0	0	0	0	0	0	0
Troy U.	27,000	0	0	0	0	0	0	0	0	27,000	0	0	0
U. Alabama, Birmingham	105,000	0	52,500	0	0	0	0	0	0	0	52,500	0	0
U. Alabama, Huntsville	3,114	0	0	0	3,114	0	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Alabama	165,000	0	0	0	0	0	165,000	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska	8,300	0	0	0	0	8,300	0	0	0	0	0	0	0
Public	8,300	0	0	0	0	8,300	0	0	0	0	0	0	0
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	8,300	0	0	0	0	8,300	0	0	0	0	0	0	0
U. Alaska, Southeast	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	351,080	5,580	0	0	187,000	0	150,000	8,500	0	0	0	0	0
Public	351,080	5,580	0	0	187,000	0	150,000	8,500	0	0	0	0	0
Arizona State U.	187,000	0	0	0	187,000	0	0	0	0	0	0	0	0
Dine C.	14,080	5,580	0	0	0	0	0	8,500	0	0	0	0	0
Northern Arizona U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arizona	150,000	0	0	0	0	0	150,000	0	0	0	0	0	0
Arkansas	16,200	0	1,800	0	14,400	0	0	0	0	0	0	0	0
Public	16,200	0	1,800	0	14,400	0	0	0	0	0	0	0	0
Arkansas State U., Jonesboro	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Fayetteville	16,200	0	1,800	0	14,400	0	0	0	0	0	0	0	0
U. Arkansas, Little Rock	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	0	0	0	0	0	0	0	0
California	2,086,909	99,874	149,572	571,085	136,054	10,053	851,625	1,570	551	190,625	75,000	0	900



**TABLE 16**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Private	155,400	0	15,200	300	7,400	0	600	0	0	131,000	0	0	900
Azusa Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Biola U.	0	0	0	0	0	0	0	0	0	0	0	0	0
California Institute of Technology	138,400	0	0	0	7,400	0	0	0	0	131,000	0	0	0
Chapman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Charles R. Drew U. of Medicine and Science	8,000	0	8,000	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Keck Graduate Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Marshall B. Ketchum U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pepperdine U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Stanford U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Touro U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Diego	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Francisco	6,000	0	4,200	300	0	0	600	0	0	0	0	0	900
U. Southern California	0	0	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0
Colorado	546,012	236,400	100,000	0	3,293	108,777	0	48,771	0	48,771	0	0	0
Public	446,012	236,400	0	0	3,293	108,777	0	48,771	0	48,771	0	0	0
Colorado School of Mines	108,777	0	0	0	0	108,777	0	0	0	0	0	0	0
Colorado State U., Fort Collins	236,400	236,400	0	0	0	0	0	0	0	0	0	0	0
Colorado State U., Pueblo	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Anschutz Medical Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	97,542	0	0	0	0	0	0	48,771	0	48,771	0	0	0

**TABLE 16**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Colorado Colorado Springs	3,293	0	0	0	3,293	0	0	0	0	0	0	0	0
U. Colorado Denver	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Colorado C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Denver	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Connecticut	866,088	0	864,000	0	0	0	2,088	0	0	0	0	0	0
Public	2,088	0	0	0	0	0	2,088	0	0	0	0	0	0
U. Connecticut	2,088	0	0	0	0	0	2,088	0	0	0	0	0	0
Private	864,000	0	864,000	0	0	0	0	0	0	0	0	0	0
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacred Heart U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Trinity C., Hartford	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Hartford	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Haven	0	0	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Yale U.	864,000	0	864,000	0	0	0	0	0	0	0	0	0	0
Delaware	205,100	12,000	0	0	193,100	0	0	0	0	0	0	0	0
Public	205,100	12,000	0	0	193,100	0	0	0	0	0	0	0	0
Delaware State U.	12,000	12,000	0	0	0	0	0	0	0	0	0	0	0
U. Delaware	193,100	0	0	0	193,100	0	0	0	0	0	0	0	0
District of Columbia	4,800	0	0	0	4,800	0	0	0	0	0	0	0	0
Public	4,800	0	0	0	4,800	0	0	0	0	0	0	0	0
U. of the District of Columbia	4,800	0	0	0	4,800	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Catholic U. of America	0	0	0	0	0	0	0	0	0	0	0	0	0
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0	0	0
George Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgetown U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Howard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	532,303	0	231,741	0	108,137	80,343	44,081	0	0	0	0	0	68,000
Public	312,337	0	29,367	0	105,737	80,343	28,890	0	0	0	0	0	68,000





**TABLE 16**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**  
 (Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana	206,038	24,070	23,121	14,926	23,905	1,079	74,263	0	0	33,394	11,278	0	0
Public	206,038	24,070	23,121	14,926	23,905	1,079	74,263	0	0	33,394	11,278	0	0
Ball State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	46,995	0	3,798	14,375	20,003	0	3,262	0	0	4,900	658	0	0
Indiana U.-Purdue U., Indianapolis	104,972	0	19,324	551	3,902	1,079	41,002	0	0	28,494	10,620	0	0
Purdue U., Fort Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U., Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	54,070	24,070	0	0	0	0	30,000	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Butler U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Notre Dame	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	111,250	66,500	0	25,000	0	0	19,750	0	0	0	0	0	0
Public	111,250	66,500	0	25,000	0	0	19,750	0	0	0	0	0	0
Iowa State U.	66,500	66,500	0	0	0	0	0	0	0	0	0	0	0
U. Iowa	44,750	0	0	25,000	0	0	19,750	0	0	0	0	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	204,449	150,000	50,486	0	0	0	3,963	0	0	0	0	0	0
Public	204,449	150,000	50,486	0	0	0	3,963	0	0	0	0	0	0
Kansas State U.	200,486	150,000	50,486	0	0	0	0	0	0	0	0	0	0
U. Kansas	0	0	0	0	0	0	0	0	0	0	0	0	0
Wichita State U.	3,963	0	0	0	0	0	3,963	0	0	0	0	0	0
Kentucky	524,318	308,811	1,100	528	13,879	0	200,000	0	0	0	0	0	0
Public	524,318	308,811	1,100	528	13,879	0	200,000	0	0	0	0	0	0
Kentucky State U.	1,811	1,811	0	0	0	0	0	0	0	0	0	0	0
Morehead State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Murray State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Kentucky U.	2,641	0	1,100	0	1,541	0	0	0	0	0	0	0	0
U. Kentucky	507,000	307,000	0	0	0	0	200,000	0	0	0	0	0	0















**TABLE 16**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Barnard C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Canisius U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	79,887	0	79,887	0	0	0	0	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	325,000	0	325,000	0	0	0	0	0	0	0	0	0	0
Fordham U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hobart and William Smith Colleges	0	0	0	0	0	0	0	0	0	0	0	0	0
Hofstra U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Icahn School of Medicine at Mount Sinai	52,000	0	52,000	0	0	0	0	0	0	0	0	0	0
Long Island U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	18,000	0	18,000	0	0	0	0	0	0	0	0	0	0
New York Medical C.	0	0	0	0	0	0	0	0	0	0	0	0	0
New York U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	25,000 i	0	2,534 i	4,312 i	3,342 i	0	0	250 i	0	14,562 i	0	0	0
Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U., New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Teachers C., Columbia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	0	0	0	0	0	0	0	0	0	0	0	0	0
Union C., Schenectady	8,000	0	0	0	8,000	0	0	0	0	0	0	0	0
Vassar C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	484,117	84,136	257,682	0	1,801	0	137,709	0	0	2,789	0	0	0
Public	484,117	84,136	257,682	0	1,801	0	137,709	0	0	2,789	0	0	0
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	262,517	0	143,686	0	1,801	0	114,241	0	0	2,789	0	0	0















**TABLE 16**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
George Mason U.	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Old Dominion U.	184,157	0	184,157	0	0	0	0	0	0	0	0	0	0
U. Virginia, Charlottesville	350,000	0	350,000	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Military Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	58,456	0	0	0	58,456	0	0	0	0	0	0	0	0
Virginia State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William & Mary	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Edward Via C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	163,600	0	0	0	112,604	0	50,996	0	0	0	0	0	0
Public	163,600	0	0	0	112,604	0	50,996	0	0	0	0	0	0
Central Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Seattle	83,600	0	0	0	32,604	0	50,996	0	0	0	0	0	0
U. Washington, Tacoma	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	80,000	0	0	0	80,000	0	0	0	0	0	0	0	0
Western Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia	65,750	0	10,750	0	55,000	0	0	0	0	0	0	0	0
Public	65,750	0	10,750	0	55,000	0	0	0	0	0	0	0	0
Marshall U.	55,000	0	0	0	55,000	0	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	10,000	0	10,000	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia U.	750	0	750	0	0	0	0	0	0	0	0	0	0
Wisconsin	46,400	0	0	0	0	0	0	0	0	0	0	46,400	0
Public	46,400	0	0	0	0	0	0	0	0	0	0	46,400	0



i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding. Unit nonrespondent imputed data are not published in this table. Therefore, aggregated totals will not match totals in tables 12, 14, and 17, which include unit nonrespondent imputed data.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.



**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
<b>Alabama</b>												
Public												
Alabama A&M U.	0	NA	0	0	0	0	0	0	0	0	0	0
Alabama State U.	20,000	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	na	na	35,762	0	7,500	960	17,160	15,778	54,943	47,000	0	0
Troy U.	ne	ne	ne	ne	ne	ne	ne	0	25,995	27,000	0	0
U. Alabama, Birmingham	0	5,065	348	0	0	351	0	17,880	23,100	105,000	115,000	0
U. Alabama, Huntsville	0	0	0	5,200	0	0	0	653	0	3,114	0	0
U. Alabama, Tuscaloosa	0	0	97,288	0	0	0	0	0	0	0	0	0
U. South Alabama	15,300	8,000	14,500	0	0	0	1,838	0	0	165,000	0	0
Private												
Tuskegee U.	3,836	0	0	0	0	0	0	0	0	0	0	0
<b>Alaska</b>												
Public												
U. Alaska, Anchorage	25,000	NA	NA	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	NA	0	45,000	32,450	4,017	41,500	0	0	3,300	8,300	30,000	0
U. Alaska, Southeast	ne	NA	0	0	0	0	0	0	5,500	0	0	0
Private												
Alaska Pacific U.	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
<b>Arizona</b>												
Public												
Arizona State U.	0	0	94,499	2,256	0	60,000	55,500	96,000	0	187,000	0	0
Dine C.	ne	ne	ne	ne	ne	ne	0	ne	0	14,080	9,000	2,000
Northern Arizona U.	0	0	0	8,400	0	0	0	0	4,825	0	0	0
U. Arizona	18,605	4,446	48,635	8,483	201,093	0	17,400	119,000	79,750	150,000	0	0
<b>Arkansas</b>												
Public												
Arkansas State U., Jonesboro	0	0	0	0	0	0	0	0	0	0	10,000	0
U. Arkansas for Medical Sciences	0	13,491	0	0	0	0	0	15,743	0	0	0	0
U. Arkansas, Fayetteville	8,300	48,800	750	993	0	6,948	13,800	0	159,830	16,200	332,650	0
U. Arkansas, Little Rock	0	5,400	9,059	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	4,000	0	0	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	706	0	0	0	0	0	0

**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
California													
Public													
California Polytechnic State U., San Luis Obispo	788	0	12,250	0	0	0	71,500	0	0	33,467	0	0	
California State Polytechnic U., Humboldt	0	NA	0	0	0	0	0	0	0	114,000	0	0	
California State Polytechnic U., Pomona	461	0	0	0	0	0	0	0	0	0	0	0	
California State U., Bakersfield	4,000	1,210	2,500	0	0	0	0	0	0	0	0	0	
California State U., Channel Islands	ne	ne	ne	ne	0	0	0	0	0	0	0	0	
California State U., Chico	0	0	0	0	0	0	15,382	0	0	0	0	0	
California State U., Dominguez Hills	0	0	0	0	0	12,798	0	0	0	0	0	0	
California State U., East Bay	0	0	0	0	ne	ne	ne	0	0	10,513	0	0	
California State U., Fresno	0	0	0	364	2,798	8,021	0	0	0	0	0	0	
California State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0	0	
California State U., Long Beach	0	17,500	0	0	0	0	0	0	0	0	0	0	
California State U., Los Angeles	0	8,833	0	0	0	0	0	0	0	0	0	0	
California State U., Monterey Bay	0	0	0	0	0	0	734	0	0	0	0	0	
California State U., Northridge	9,700	0	0	0	594	0	0	0	0	0	0	0	
California State U., Sacramento	0	0	0	0	0	0	8,530	0	0	0	165,484	0	
California State U., San Bernardino	0	0	1,379	0	0	0	0	0	0	0	0	0	
California State U., San Marcos	ne	ne	NA	482	0	0	0	0	0	0	0	0	
California State U., Stanislaus	ne	ne	ne	0	ne	0	0	0	0	0	0	0	
San Diego State U.	0	0	0	0	0	18,231	0	0	29,092	97,563	0	7,000	
San Francisco State U.	NA	2,119	0	0	0	0	0	33,000	27,005	0	0	0	
San Jose State U.	0	0	0	0	0	0	43,661	0	110,000	0	0	0	
Sonoma State U.	ne	ne	ne	0	0	ne	ne	0	0	0	0	0	
U. California, Berkeley	1,811	178,506	149,474	60,530	0	55,000	0	100,000	0	550,000	1,214,195	0	
U. California, Davis	463,085	0	186,219	4,890	10,788	12,782	13,533	68,828	268,552	66,407	324,900	0	
U. California, Irvine	133,707	56,830	5,163	0	0	0	43,060	61,770	183,333	72,149	50,000	0	
U. California, Los Angeles	155,378	0	0	101,200	177,400	4,980	177,400	0	0	0	0	0	
U. California, Merced	0	0	0	0	0	0	73,221	0	0	201,000	0	0	
U. California, Riverside	49,371	80,856	37,550	648	0	66,980	27,405	0	0	0	0	0	
U. California, San Diego	73,608	0	353,395	106,596	0	121,424	3,689	0	152,000	305,910	0	0	
U. California, San Francisco	135,000	275,590	173,000	118,600	0	106,700	0	0	0	480,500	0	0	
U. California, Santa Barbara	10,793	12,239	2,157	0	74,704	821	65,010	0	0	0	423,372	0	

**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
U. California, Santa Cruz	0	77,491	0	0	80,531	0	0	0	0	0	262,800	0
Private												
Azusa Pacific U.	ne	ne	ne	0	0	0	250	0	0	0	0	0
Biola U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
California Institute of Technology	45,622	35,250	0	28,748	0	0	108,187	0	166,000	138,400	0	0
Chapman U.	ne	ne	0	0	0	30,179	0	0	6,522	0	0	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	8,000	0	0
Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C. <sup>a</sup>	ne	ne	0	0	0	0	0	0	127,500	0	0	0
Harvey Mudd C.	0	0	0	0	0	0	9,504	0	0	0	40,000	0
Keck Graduate Institute	ne	ne	ne	0	0	0	0	0	0	0	0	0
Loma Linda U.	0	2,854	0	6,127	0	0	0	0	125,040	0	0	0
Loyola Marymount U.	0	0	0	13,200	0	0	0	0	0	0	0	0
Marshall B. Ketchum U.	ne	ne	ne	ne	0	0	0	0	0	0	0	0
Occidental C.	0	0	2,262	0	0	0	0	0	0	0	0	0
Pepperdine U.	ne	ne	ne	0	0	0	ne	0	0	0	0	0
Pomona C.	0	0	0	0	50,235	0	0	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute	ne	ne	0	0	0	0	0	0	0	0	0	0
Stanford U.	118,762	189,185	14,058	151,274	0	407,686	119,909	0	45,145	0	0	0
Touro U.	ne	ne	ne	0	0	0	0	0	0	0	0	0
U. of the Pacific	13,000	6,600	0	0	0	0	0	0	0	0	0	0
U. San Diego	ne	ne	0	0	2,500	0	0	0	0	0	0	0
U. San Francisco	0	0	17,770	0	0	0	0	0	0	6,000	0	0
U. Southern California	0	36,800	19,329	13,872	150,000	0	30,453	0	532,550	0	0	0
Western U. of Health Sciences	315	5,507	400	0	0	0	0	0	0	3,000	0	0
Colorado												
Public												
Colorado School of Mines	0	0	9,144	0	7,827	25,626	0	0	0	108,777	0	0
Colorado State U., Fort Collins	5,549	55,083	6,314	31,207	96,519	51,108	27,513	0	11,830	236,400	0	0
Colorado State U., Pueblo	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
Fort Lewis C.	ne	ne	ne	ne	ne	ne	0	2,860	0	0	0	0
U. Colorado Anschutz Medical Campus <sup>b</sup>	0	59,480	13,260	0	8,398	0	110,849	0	0	0	0	0



**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
Florida													
Public													
Florida A&M U.	0	0	0	0	27,564	988	582	0	0	31,820	0	0	
Florida Atlantic U.	641	21,877	14,587	0	0	487	0	43,312	0	0	0	0	
Florida Gulf Coast U.	0	4,362	2,900	0	1,375	0	0	14,905	0	28,890	0	0	
Florida International U.	0	13,101	38,668	7,379	0	0	0	0	0	12,522	0	4,000	
Florida Polytechnic U.	ne	ne	ne	ne	ne	ne	14,032	0	0	10,100	0	0	
Florida State U.	0	85,000	24,000	0	0	21,380	4,700	0	130,000	6,046	0	0	
New C. Florida	ne	ne	ne	ne	ne	3,849	ne	ne	0	0	0	0	
U. Central Florida	0	202,244	0	1,012	1,926	60,584	0	0	0	68,000	0	0	
U. Florida	82,556	58,006	70,452	5,743	21,320	30,765	7,640	18,788	2,540	29,367	0	0	
U. North Florida	NA	0	35,443	0	0	4,054	0	0	0	0	0	0	
U. South Florida <sup>c</sup>	430	25,877	11,400	0	0	0	44,648	0	0	80,343	0	0	
U. West Florida	0	12,000	0	0	0	0	0	0	0	45,249	0	0	
Private													
Embry-Riddle Aeronautical U.	0	0	0	0	4,417	31,925	4,222	0	0	2,400	0	0	
Florida Institute of Technology	0	4,484	0	0	1,567	0	0	21,120	0	0	0	0	
Nova Southeastern U.	0	0	30,000	0	20,774	0	0	0	0	0	0	0	
U. Miami	180,000	8,400	0	40,272	0	0	0	0	0	217,565	0	0	
Georgia													
Public													
Augusta U.	na	na	na	0	0	33,375	0	0	0	0	0	0	
Fort Valley State U.	0	19,278	0	0	5,100	0	6,502	0	1,575	0	0	0	
Georgia Institute of Technology	56,376	1,100	24,750	113,000	0	0	0	0	0	25,739	0	386,400	
Georgia Southern U.	0	0	12,733	0	0	0	18,350	0	0	0	0	0	
Georgia State U.	1,371	44,629	1,389	0	26,510	0	0	0	23,400	0	0	0	
Kennesaw State U.	ne	ne	18,159	0	0	0	0	0	0	29,100	0	0	
Savannah State U.	0	0	0	0	0	10,000	0	0	0	0	0	0	
U. Georgia	2,290	19,920	0	8,051	5,277	16,184	51,883	24,321	23,834	10,667	0	0	
Private													
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0	0	
Emory U.	0	130,522	62,000	25,700	0	0	0	0	90,000	0	0	0	
Mercer U.	0	0	0	0	1,500	9,901	0	23,124	0	0	0	0	



**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Rush U.	0	0	0	0	0	0	0	0	0	0	0	0
Toyota Technological Institute, Chicago	ne	ne	ne	ne	0	0	0	0	0	0	0	0
U. Chicago	29,000	0	2,300	108,766	0	14,791	3,675	14,179	0	27,484	0	0
Wheaton C., Wheaton	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
Indiana												
Public												
Ball State U.	0	0	0	0	287	0	17,938	0	0	0	0	0
Indiana U., Bloomington	na	na	1,607	0	0	39,800	20,650	0	0	46,995	0	0
Indiana U.-Purdue U., Indianapolis	na	na	6,000	27,710	0	53,600	35,972	0	26,163	104,972	0	0
Purdue U., Fort Wayne <sup>d</sup>	na	na	0	0	0	0	0	0	0	0	0	0
Purdue U., Northwest	na	na	na	na	na	0	1,650	0	0	0	0	0
Purdue U., West Lafayette	na	na	14,725	123,744	10,000	8,230	43,822	31,100	73,000	54,070	0	13,778
Private												
Butler U.	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Notre Dame	26,528	20,000	0	3,033	61,433	0	1,385	0	81,686	0	0	0
Iowa												
Public												
Iowa State U.	14,914	80,931	4,490	9,422	0	35,288	0	7,410	17,500	66,500	0	0
U. Iowa	0	70,944	122,615	0	0	42,621	9,054	0	212,671	44,750	0	0
U. Northern Iowa	0	0	332	0	0	0	0	4,478	29,890	0	0	0
Private												
Des Moines U.	ne	0	ne	ne	ne	0	0	4,538	0	0	0	0
Grinnell C.	ne	ne	0	0	0	2,602	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	ne	0	0	0	0	0	0	0	0	0	0	0
Kansas												
Public												
Kansas State U.	0	1,000	0	0	5,560	5,300	0	785	0	200,486	90,000	0
Pittsburg State U.	5,200	0	0	0	0	0	0	0	0	0	0	0
U. Kansas	13,711	3,000	42,382	65,107	0	45,584	0	0	1,072	0	0	0
Wichita State U.	12,137	0	380	0	19,918	0	0	9,584	0	3,963	0	0
Kentucky												
Public												
Kentucky State U.	0	2,600	1,500	2,441	0	0	0	0	0	1,811	0	0

**TABLE 17**  
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											Included in institutional plan	Not included in institutional plan
Morehead State U.	0	4,084	0	0	0	0	0	0	0	0	0	0
Murray State U.	10,400	0	0	0	48,720	0	0	0	0	0	0	0
Northern Kentucky U.	0	0	0	0	0	592	0	0	0	2,641	0	0
U. Kentucky	79,119	7,498	28,793	0	0	248,886	0	0	4,513	507,000	0	0
U. Louisville	108,630	0	0	9,386	0	0	0	0	0	12,866	0	0
Western Kentucky U.	0	5,950	1,269	0	0	18,000	0	0	0	0	0	0
Louisiana												
Public												
Grambling State U.	ne	ne	ne	0	0	0	0	ne	0	0	0	0
Louisiana State U., Baton Rouge	0	11,600	0	0	35,413	7,540	0	5,141	0	37,442	0	0
Louisiana State U., Health Sciences Center, New Orleans	0	0	0	0	0	17,380	42,340	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	ne	0	0	0	0	0	0	0	18,000	0	0	0
Louisiana Tech U.	900	4,000	0	0	0	0	0	1,896	0	11,043	0	0
Northwestern State U. Louisiana	ne	0	0	0	ne	0	0	0	0	1,600	0	0
Southeastern Louisiana U.	0	0	0	0	0	1,353	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	ne	ne	ne	0	0	0	0	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	30,000
Southern U., New Orleans	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Louisiana, Lafayette	0	0	259	0	0	0	0	0	0	46,000	0	0
U. Louisiana, Monroe	0	2,724	0	0	0	0	0	0	0	30,000	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0
Private												
Dillard U.	ne	0	0	0	0	0	0	0	0	0	550	0
Tulane U.	52,210	25,897	6,218	0	4,342	13,257	5,988	59,418	8,304	3,500	0	0
Xavier U. Louisiana	0	4,000	0	0	0	0	0	0	0	0	0	0
Maine												
Public												
U. Maine	1,300	6,869	3,450	0	6,500	0	0	20,000	0	97,350	0	0
U. Maine, Farmington	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Southern Maine	1,157	326	0	0	0	0	0	0	0	0	0	0
Private												
Bates C.	0	ne	0	0	0	0	80,000	0	0	0	0	0
Bowdoin C.	NA	NA	NA	0	0	0	4,195	2,534	0	3,000	0	0







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											Included in institutional plan	Not included in institutional plan
Minnesota State U., Mankato	ne	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Duluth	na	na	0	0	0	0	12,778	0	0	0	0	0
U. Minnesota, Twin Cities	na	na	188,085	98,726	42,998	27,705	1,347	16,925	0	0	542,400	0
Private												
Carleton C.	0	0	0	0	0	0	12,947	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	ne	0	0	0	0	0	ne	ne	0	0	0	0
U. of St. Thomas (MN)	ne	ne	NA	ne	ne	ne	0	0	6,696	0	0	0
Mississippi												
Public												
Alcorn State U.	13,000	0	0	375	0	0	0	0	0	0	0	0
Jackson State U.	NA	0	0	0	0	0	0	0	0	0	0	0
Mississippi State U.	6,704	989	2,684	0	894	10,797	13,117	4,328	42,750	15,500	0	0
U. Mississippi	0	2,834	13,820	0	103,084	0	0	568	0	0	0	0
U. Southern Mississippi	0	0	2,000	0	0	404	0	0	0	7,000	0	0
Private												
Tougaloo C.	ne	0	0	0	0	0	0	0	0	0	0	0
Missouri												
Public												
Lincoln U., Jefferson City	0	0	0	1,267	0	679	0	0	0	8,000	0	0
Missouri State U.	0	0	7,600	3,300	0	0	647	0	59,125	0	0	0
Missouri U. of Science and Technology	17,402	0	4,216	7,535	0	0	10,446	0	0	88,000	100,000	0
U. Missouri, Columbia	9,080	18,382	0	0	0	0	233,697	11,550	37,474	76,019	0	0
U. Missouri, Kansas City	0	0	0	0	0	0	32,082	0	0	0	0	0
U. Missouri, Saint Louis	38,500	0	0	0	4,500	0	0	0	0	0	0	0
Private												
Saint Louis U.	0	0	0	0	0	0	8,800	0	0	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	ne	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Washington U., Saint Louis	0	22,859	2,884	80,013	654	66,119	58,583	289,155	0	0	0	0
Montana												
Public												
Montana State U., Bozeman	24,000	4,000	0	0	0	0	17,000	0	0	0	0	0
Montana Technological U.	0	522	0	1,083	3,040	0	0	0	0	0	0	0

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											Included in institutional plan	Not included in institutional plan
U. Montana, Missoula	0	3,609	0	0	0	0	0	0	0	0	0	0
Nebraska												
Public												
U. Nebraska, Kearney	ne	ne	NA	ne	6,270	0	30,000	0	0	0	0	0
U. Nebraska, Lincoln and Medical Center <sup>f</sup>	na	na	na	na	na	na	na	na	7,605	23,809	10,000	50,000
U. Nebraska, Omaha	0	0	0	7,538	640	0	11,610	2,040	5,095	0	54,500	0
Private												
Creighton U.	0	0	0	0	0	0	0	0	0	0	0	0
Nevada												
Public												
Desert Research Institute	23,340	0	450	0	0	0	0	0	0	0	25,410	0
Nevada State C.	ne	ne	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
U. Nevada, Las Vegas	61,740	0	910	2,160	0	4,041	0	0	34,285	0	0	0
U. Nevada, Reno	0	30,000	0	0	0	0	35,000	0	0	0	0	0
Private												
Roseman U. of Health Sciences	ne	ne	ne	ne	0	0	0	0	0	0	0	0
New Hampshire												
Public												
U. New Hampshire	14,907	10,844	0	0	0	0	29,070	0	0	23,000	0	19,000
Private												
Dartmouth C.	NA	96,898	0	96,500	0	0	21,040	0	0	0	1,620	0
New Jersey												
Public												
C. New Jersey	NA	ne	ne	ne	ne	0	ne	0	0	0	0	30,000
Kean U.	ne	ne	ne	7,000	ne	ne	ne	0	0	0	0	0
Montclair State U.	NA	0	0	0	0	0	0	0	0	90,000	0	0
New Jersey Institute of Technology	0	0	0	0	0	5,736	6,000	0	0	0	0	0
Rowan U.	0	0	35,000	0	0	6,363	0	10,925	47,970	238,000	0	0
Rutgers, State U. New Jersey, Camden	na	na	350	0	1,000	16,000	0	0	0	0	26,640	0
Rutgers, State U. New Jersey, New Brunswick <sup>g</sup>	na	na	47,000	0	122,800	18,800	9,000	50,250	0	352,107	298,439	0
Rutgers, State U. New Jersey, Newark	na	na	0	0	10,640	0	0	0	0	0	51,984	0
Stockton U.	ne	ne	ne	ne	0	ne	0	0	0	0	0	50,000
William Paterson U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0

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											Included in institutional plan	Not included in institutional plan	
Private													
Monmouth U.	0	0	0	ne	ne	ne	0	0	0	0	0	0	0
Princeton U.	166,400	0	151,022	174,677	0	0	0	0	562,540	0	0	0	0
Seton Hall U.	0	0	0	ne	ne	ne	ne	ne	0	0	0	0	0
Stevens Institute of Technology	0	0	2,550	0	0	1,433	14,061	0	0	19,800	0	0	0
New Mexico													
Public													
New Mexico Highlands U.	0	0	0	0	ne	0	ne	0 i	0 i	0 i	0 i	0 i	0 i
New Mexico Institute of Mining and Technology	0	3,000	0	0	7,619	7,126	0	0	0	29,000	0	0	0
New Mexico State U.	0	1,525	500	0	0	0	0	0	0	0	0	0	0
U. New Mexico	17,096	0	9,899	0	0	0	36,009	0	0	0	0	0	0
New York													
Public													
CUNY, Advanced Science Research Center	ne	ne	ne	ne	ne	0	0	0	0	0	0	0	0
CUNY, Baruch C.	0	0	0	0	ne	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	0	0	0	0	0	0 i	0	0	0 i	0	3,600	0	0
CUNY, C. Staten Island	0	0	0	0	0	0	0	0	0	1,164	0	0	0
CUNY, City C.	1,500	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Graduate Center	0	0	0	0	0	0	0 i	4,500	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
CUNY, Hunter C.	0	0	0	0	0	3,926	0 i	0	0	0	500,000	0	0
CUNY, John Jay C. of Criminal Justice	ne	NA	0	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	0	76,781	0	0	0	0	0	0	332	0	0	0	0
CUNY, New York City C. of Technology	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
CUNY, Queens C.	6,798	0	42,000	0	0	0	0	0	0	6,500	0	0	0
CUNY, York C.	0	0	ne	0	ne	ne	0	0	0	0	0	0	0
SUNY, Binghamton U.	0	58,110	30,996	0	31,900	20,900	0	0	0	0	166,500	0	0
SUNY, Buffalo State	0	0	17,096	25,853	0	0	3,986	0	0	0	0	0	0
SUNY, C. Brockport	ne	ne	ne	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Optometry	0	0	0	0	0	0	1,000	0	0	1,500	0	0	0
SUNY, C. Plattsburgh	0	ne	0	ne	0	0	0	0	0	0	0	0	0
SUNY, Cobleskill	ne	ne	0	0	ne	ne	ne	ne	0	0	0	0	0

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											Included in institutional plan	Not included in institutional plan
SUNY, Downstate Health Sciences U.	0	0	0	13,000	0	0	0	0	0	0	0	0
SUNY, Geneseo	0	0	0	0	ne	0	0	0	0	0	0	0
SUNY, Oswego	0	0	ne	12,708	ne	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	ne	ne	ne	ne	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	42,750	66,582	2,625	131,230	2,760	31,000	0	0	0	218,293	0	65,000
SUNY, U. Albany <sup>h</sup>	25,900	0	257,300	13,980	0	0	56,389	0	0	0	0	61,487
SUNY, U. Buffalo	0	95,335	0	0	78,660	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	0	0	72,000	0	0	0	0	0	0	0	0	0
Private												
Albany C. of Pharmacy and Health Sciences	0	800	0	1,077	0	0	0	0	0 i	0 i	0 i	0 i
Albany Medical C.	0	8,500	19,456	0	0	0	0 i	0	0 i	0 i	0 i	0 i
Albert Einstein C. of Medicine	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	8,100	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0	0
Canisius U.	ne	ne	ne	ne	ne	0 i	0 i	0	0	0	0	0
Clarkson U. <sup>i</sup>	0	596	2,034	0	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	ne	ne	ne	15,500	0	25,000	0	0	0	79,887	0	0
Colgate U.	0	0	0	0	0	0	0	0	13,000	0	0	0
Columbia U. in the City of New York	157,609	0	2,726	607,510	0	0	0	0	0	0	0	0
Cornell U.	190,232	141,030	27,303	32,075	0 i	0	0	0	125,216 i	325,000	0	0
Fordham U.	0	0	0	0	0	0	0	0	0	0	0	9,000
Hobart and William Smith Colleges	ne	0	0	0	0	ne	0	0	0	0	0	0
Hofstra U.	ne	ne	1,050	8,000	0	2,522	0	ne	8,620	0	0	0
Icahn School of Medicine at Mount Sinai	15,101	267,840	0	0	0	0	0	70,000	52,000	52,000	0	0
Long Island U.	NA	NA	NA	5,680	ne	ne	0	1,350	0	0	0	0
Manhattan C.	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i	0 i	0 i
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	ne	ne	ne	0	0	0	0	0	0	0	0	0
New School	0	980	0	1,207	0	0	0	0	0 i	0 i	0 i	0 i
New York Institute of Technology	0	0	0	0	0	0	0	0 i	0	18,000	0	0
New York Medical C.	0	0	0	11,628	0	0	0	0	0	0	0	0
New York U. <sup>g</sup>	108,503	0	0	35,000	595,284	0	0	0	0	0	331,000	0
Pace U.	ne	0	0	0	0 i	0	0	0	0	0	0	0



**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
North Dakota State U.	0	11,757	20,493	8,583	5,525	550	0	26,451	38,830	93,169	0	0
U. North Dakota	6,600	0	4,000	0	10,542	0	0	0	0	0	0	0
Private												
United Tribes Technical C.	ne	ne	ne	ne	ne	ne	ne	ne	2,000	1,500	0	0
Ohio												
Public												
Bowling Green State U.	0	0	0	0	0	0	5,679	0	0	8,400	0	0
Central State U.	0	3,214	0	0	0	0	0	0	19,655	7,461	7,900	0
Cleveland State U.	0	0	0	0	1,315	0	9,558	0	0	0	0	0
Kent State U.	NA	0	0	0	723	18,846	16,164	0	13,357	0	0	0
Miami U.	0	0	0	0	3,651	0	0	1,704	3,197	0	0	0
Northeast Ohio Medical U.	0	0	42,000	0	0	0	0	0	0	0	0	0
Ohio State U.	0	0	0	200,000	694	0	16,975	257,713	49,267	88,600	0	0
Ohio U.	1,310	8,209	0	0	1,359	0	15,684	0	0	36,862	0	0
U. Akron	NA	NA	8,155	13,824	0	0	0	0	0	0	0	0
U. Cincinnati	278	0	0	0	0	4,908	0	4,279	18,791	4,619	45,150	4,272
U. Toledo	0	0	6,975	0	0	0	0	0	0	0	0	0
Wright State U.	6,191	0	0	32,000	0	0	0	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	10,000	0	0	0	0
Private												
C. Wooster	ne	ne	ne	ne	0	0	0	ne	0	0	0	0
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	216,000	0	0
Heidelberg U.	ne	ne	ne	0	0	0	0	0	0	0	0	0
Kenyon C.	ne	ne	ne	ne	ne	ne	0	ne	0	0	0	0
U. Dayton	1,105	0	0	0	4,400	0	0	0	0	0	0	0
Oklahoma												
Public												
Langston U.	0	0	0	0	6,750	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	na	na	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Stillwater	na	na	0	0	0	0	0	0	0	0	0	0
U. Central Oklahoma	ne	ne	0	ne	0	6,363	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	0	126,910	13,000	15,300	0	9,591	74,500	0	1,413	50,000	0	0
U. Oklahoma, Tulsa	ne	ne	ne	ne	ne	0	0	0	0	0	0	0







**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
<b>South Dakota</b>													
Public													
Black Hills State U.	0	0	0	0	0	0	ne	0	0	0	0	0	0
Dakota State U.	ne	ne	ne	0	0	0	6,500	0	0	60,000	0	0	0
South Dakota School of Mines and Technology	0	7,100	15,387	0	0	0	0	0	7,730	0	0	0	0
South Dakota State U.	0	11,467	1,874	854	10,000	4,325	0	8,124	0	0	0	0	0
U. South Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Tennessee</b>													
Public													
Austin Peay State U.	ne	ne	ne	0	ne	ne	0	0	0	112,000	0	0	0
East Tennessee State U.	1,820	0	0	0	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	0	0	0	10,400	0	0	0	292	1,940	0	0	0	0
Tennessee State U.	0	0	1,287	8,000	500	39,987	10,500	0	0	0	0	0	0
Tennessee Technological U.	0	0	0	0	0	0	22,077	0	60,000	0	0	0	0
U. Memphis	0	0	0	0	7,389	650	0	0	22,000	0	269,300	0	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	na	na	na	49,000	0	0	0	13,560	0	29,454	0	0	0
U. Tennessee, Knoxville <sup>h</sup>	10,000	0	11,600	28,388	71,464	0	56,163	26,910	2,390	199,000	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	12,000	0	0	0
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center <sup>l</sup>	54,710	0	775	0	26,948	0	0	0	0	0	0	0	0
<b>Texas</b>													
Public													
Lamar U.	0	0	0	0	0	0	45,000	0	0	0	0	0	0
Prairie View A&M U.	NA	0	0	0	0	0	4,195	0	16,287	0	15,100	0	0
Sam Houston State U.	0	0	0	0	351	17,900	3,731	0	373	0	0	0	0
Stephen F. Austin State U.	0	300	0	0	0	46,400	0	0	0	0	0	0	0
Sul Ross State U.	0	0	0	0	0	0	0	0	0	3,000	0	0	0
Tarleton State U.	0	5,000	0	0	0	27,837	10,000	0	1,390	80,000	7,000	3,500	0
Texas A&M International U.	ne	ne	0	0	0	25,000	0	0	0	53,000	0	0	0
Texas A&M U., College Station and Health Science Center	NA	244,089	i	0	0	8,708	289,281	17,752	144,034	118,688	49,400	0	0
Texas A&M U.-Commerce	ne	0	0	0	0	0	25,000	0	0	0	0	0	0

**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Texas A&M U.-Corpus Christi	0	0	0	413	0	25,737	i 0	0	0	0	0	0
Texas A&M U.-Kingsville	826	1,089	434	0	0	0	0	0	0	400	0	0
Texas A&M U.-San Antonio	ne	ne	ne	ne	ne	ne	ne	ne	0	55,000	0	0
Texas Southern U.	0	0	0	3,734	0	0	0	0	0	0	0	0
Texas State U.	1,398	1,070	2,067	0	0	51,700	0	14,027	0	17,751	0	0
Texas Tech U.	10,000	0	0	5,197	3,016	77,000	7,200	10,445	26,114	1,500	0	0
Texas Tech U., Health Sciences Center <sup>m</sup>	11,603	0	5,023	0	334	1,215	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	na	na	na	na	0	0	30,000	0	0	0	0	0
Texas Woman's U.	0	0	0	0	0	0	54,000	0	0	107,000	0	0
U. Houston	0	15,053	34,953	i 0	41,845	102,000	3,733	0	19,200	19,000	66,400	0
U. Houston-Clear Lake	ne	ne	ne	0	0	10,632	i 0	0	0	0	0	0
U. North Texas, Denton	NA	33,658	1,150	6,052	0	0	5,294	0	0	100,000	0	0
U. North Texas, Health Science Center	3,003	0	0	0	0	47,018	0	0	0	0	0	0
U. Texas Health Science Center, Houston	0	76,022	2,861	0	0	10,622	0	0	0	300,000	172,000	0
U. Texas Health Science Center, San Antonio	0	150,000	0	0	0	0	51,700	19,550	79,535	79,170	0	0
U. Texas Health Science Center, Tyler	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	136,630	0	0	282,200	0	0	0	0	0	772,011	0	0
U. Texas Medical Branch	6,221	0	0	0	0	54,110	0	0	0	0	0	0
U. Texas of the Permian Basin	ne	18,099	0	ne	0	51,219	ne	ne	0	0	0	0
U. Texas Rio Grande Valley	na	na	na	na	na	38,956	984	6,550	0	12,500	0	0
U. Texas Southwestern Medical Center	21,960	195,700	820,137	0	3,487	0	215,922	120,000	0	0	0	0
U. Texas, Arlington	0	57,881	0	0	0	71,000	0	0	65,560	0	0	0
U. Texas, Austin	0	0	155,152	40,000	105,324	0	96,011	3,209	0	0	0	0
U. Texas, Dallas	0	0	0	143,000	21,496	45,377	13,261	0	0	0	0	0
U. Texas, El Paso	25,762	28,199	27,000	0	0	85,424	0	27,911	0	0	0	0
U. Texas, San Antonio	22,342	0	0	9,269	0	18,060	0	57,602	0	0	0	0
U. Texas, Tyler	ne	0	0	860	0	0	0	0	0	12,150	0	0
West Texas A&M U.	0	0	3,103	700	0	0	i 0	i 493	1,087	0	0	0
Private												
Abilene Christian U.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Baylor C. of Medicine	50,732	0	0	0	0	6,982	0	0	39,000	100,000	0	0
Baylor U.	0	792	0	0	526	0	0	0	0	0	0	0
Rice U.	46,400	24,696	0	0	0	0	0	73,450	0	0	0	0



**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Edward Via C. of Osteopathic Medicine	ne	ne	ne	0	0	0	0	0	0	0	0	0
Hampton U.	0	4,351	8,695	12,000	0	0	0	0	0	0	0	0
Liberty U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
U. Richmond	NA	NA	0	0	0	0	0	0	0	0	0	0
Washington												
Public												
Central Washington U.	0	1,600	0	0	16,500	3,364	427	0	0	0	0	0
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0	69,748	0
U. Washington, Bothell	na	na	ne	ne	ne	ne	0	3,753	0	0	0	0
U. Washington, Seattle	na	na	0	239,000	191,750	355,000	230,000	0	0	83,600	0	0
U. Washington, Tacoma	na	na	ne	ne	ne	3,500	0	5,000	0	0	0	0
Washington State U.	57,300	0	125,930	0	69,104	1,879	51,411	373	36,324	80,000	195,500	0
Western Washington U.	16,277	1,271	0	0	0	0	0	0	13,081	0	0	0
Private												
Seattle U.	ne	NA	0	ne	0	0	0	ne	0	0	0	0
Whitman C.	ne	0	0	ne	ne	ne	ne	ne	0	0	0	0
West Virginia												
Public												
Marshall U.	4,500	278	0	22,894	0	0	1,560	1,563	0	55,000	0	0
West Virginia School of Osteopathic Medicine	ne	ne	ne	ne	ne	ne	ne	0	0	10,000	0	0
West Virginia State U.	0	0	0	0	0	2,681	0	0	0	0	0	0
West Virginia U.	78,017	0	23,606	65,300	0	0	0	0	0	750	0	0
Wisconsin												
Public												
U. Wisconsin-Eau Claire	0	0	0	0	ne	0	0	0	0	0	72,955	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0	0	7,224	0	0	0	9,500	0
U. Wisconsin-Madison	NA	254,693	192,946	7,929	0	17,484	47,623	52,991	54,625	46,400	1,462,480	0
U. Wisconsin-Milwaukee	0	0	1,900	102,000	4,895	0	0	0	61,320	0	189,749	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Platteville	ne	ne	ne	ne	ne	ne	ne	ne	0	0	6,534	0
U. Wisconsin-River Falls	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Wisconsin-Stevens Point	NA	NA	0	0	0	8,139	0	0	0	0	0	0

**TABLE 17**  
**Costs for new construction of science and engineering research space in academic institutions, by state or territory, control, institution, and time of construction: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects			
											Included in institutional plan	Not included in institutional plan		
U. Wisconsin-Superior	0	NA	0	0	i	ne	0	i	0	i	0	i	0	i
Private														
Marquette U.	0	14,000	0	2,275	0	828	1,001	0	0	0	0	0	0	0
Medical C. Wisconsin	0	0	8,700	0	0	1,190	0	0	150,000	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	8,000	0	0	0	0	0	0	0
Northland C.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
Wyoming														
Public														
U. Wyoming	6,980	0	58,150	0	2,604	72,336	0	63,594	0	2,500	0	0	0	0
Guam														
Public														
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico														
Public														
U. Puerto Rico, Cayey	ne	0	ne	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	ne	0	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	1,800	0	0	0	0	0	0	0	0	5,000	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	NA	353	792	1,007	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Ponce	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	0	60,000	0	0	0	0	0	0	0	0	0	0	0	0
Private														
U. Ana G. Mendez, Gurabo	ne	ne	0	ne	1,631	0	0	0	0	0	0	0	0	0
U. Central del Caribe	NA	0	0	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands														
Public														
U. of the Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	i	0

i = imputed. na = not applicable; institution did not exist or did not exist as a separate entity. NA = not available; institution did not provide data, and data were not imputed. ne = not eligible; institution did not meet the criteria for inclusion.

<sup>a</sup> Prior to FY 2020, Claremont McKenna College was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2020, affiliated institutions were surveyed separately; data for FY 2020 and beyond describe characteristics of the single institution.

<sup>b</sup> Prior to FY 2022, University of Colorado Anschutz Medical Center was surveyed together with University of Colorado Denver; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2022, the University of Colorado Denver and University of Colorado Anschutz Medical Center were surveyed separately; data for FY 2022 and beyond describe characteristics of the single institution.

<sup>c</sup> From FY 2010 through FY 2019, University of South Florida and its affiliated institutions were surveyed separately; data for those years describe characteristics of the single institution.

<sup>d</sup> Prior to FY 2018, Purdue University Fort Wayne was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2018, affiliated institutions were surveyed separately; data for FY 2018 and beyond describe characteristics of the single institution.

<sup>e</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>f</sup> Beginning in FY 2023, the University of Nebraska Lincoln and University of Nebraska Medical Center campuses reported together. Prior to FY 2023, both campuses reported separately and were included in these tables as separate institutions.

<sup>g</sup> Prior to FY 2014, Rutgers University–New Brunswick and New York University were each surveyed separately; data for those survey years describe characteristics of the individual institutions. Beginning in FY 2014, the institutions were surveyed together with their respective affiliated institutions; data for FY 2014 and beyond describe characteristics of the groups of institutions.

<sup>h</sup> Prior to FY 2012, the State University of New York at Albany and the University of Tennessee Knoxville were surveyed together with their respective affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2012, affiliated institutions were surveyed separately; data for FY 2012 and beyond describe characteristics of the individual institutions.

<sup>i</sup> Prior to FY 2016, Clarkson University was surveyed separately; data for those survey years describe characteristics of the single institution. Beginning in FY 2016, the institution was surveyed together with other affiliated institutions; data for FY 2016 and beyond describe characteristics of the group of institutions.

<sup>j</sup> Prior to FY 2016, Yeshiva University was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2016, affiliated institutions were surveyed separately; data for FY 2016 and beyond describe characteristics of the single institution.

<sup>k</sup> Prior to FY 2022, Saint Joseph's University was surveyed separately; data for those survey years describe characteristics of the single institution. Beginning in FY 2022, the institution was surveyed together with other affiliated institutions; data for FY 2022 and beyond describe characteristics of the group of institutions.

<sup>l</sup> Data reported for the Vanderbilt University Medical Center are for the Vanderbilt School of Medicine.

<sup>m</sup> Prior to FY 2014, Texas Tech University Health Sciences Center was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2014, affiliated institutions were surveyed separately; data for FY 2014 and beyond describe characteristics of the single institution.

<sup>n</sup> Prior to FY 2019, Eastern Virginia Medical School was designated as a private institution.

<sup>o</sup> Prior to FY 2010, University of Virginia Charlottesville was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2010, affiliated institutions were surveyed separately; data for FY 2010 and beyond describe characteristics of the single institution.

**Note(s):**

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.



**TABLE 18**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by field, research animal space, and time of repair and renovation: FYs 2006–25**

(Costs in millions of dollars)

Field and research animal space	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
All research space	3,361.6	3,015.8	3,508.9	3,745.9	4,133.4	5,079.5	5,483.4	4,902.6	6,555.6	7,565.1	9,389.5	5,228.4
Agricultural sciences	107.1	144.8	87.8	147.4	55.0	135.5	196.1	237.8	252.9	545.3	532.6	201.1
Biological and biomedical sciences	867.6	1,061.1	1,317.0	1,089.2	1,005.2	1,301.4	1,745.2	1,608.6	1,937.8	2,308.1	2,279.4	1,177.9
Computer and information sciences	59.2	34.2	48.3	60.2	42.5	149.3	110.6	161.7	146.9	493.4	89.4	65.7
Engineering	235.9	438.8	434.3	592.4	707.3	1,002.3	757.7	732.3	1,040.2	932.9	2,011.8	1,112.7
Geosciences, atmospheric sciences, and ocean sciences	88.0	78.3	146.5	109.8	150.4	210.8	237.4	155.1	175.3	150.2	366.5	303.4
Health sciences	1,408.5	702.4	774.8	983.5	1,023.9	1,250.0	1,376.7	1,052.2	1,326.3	1,535.1	1,716.4	937.1
Mathematics and statistics	13.3	10.7	39.6	54.1	52.5	28.4	14.7	78.5	56.3	55.7	46.5	18.7
Natural resources and conservation	na	na	na	na	43.0	31.7	73.0	84.8	79.9	93.4	179.5	198.2
Physical sciences	410.2	408.7	361.1	531.6	786.2	739.7	526.1	532.8	1,026.3	966.0	1,328.7	673.3
Psychology	77.8	47.5	100.6	65.6	113.1	67.6	139.1	50.5	191.0	95.6	318.2	138.7
Social sciences	42.3	45.0	95.7	89.1	134.8	60.7	199.5	111.8	224.1	208.1	422.5	211.9
Other fields of S&E	51.6	44.3	103.2	22.8	19.4	102.2	107.5	96.3	98.5	181.2	98.1	189.7
Research animal space <sup>a</sup>	178.6	285.1	na	na	na	na	na	na	na	na	na	na

na = not applicable; see notes below.

S&E = science and engineering.

<sup>a</sup> Research animal space is listed separately and is also included in individual field totals.

**Note(s):**

In FY 2015, "Agricultural sciences and natural resources sciences" was split into "Agricultural sciences" and "Natural resources and conservation." Prior to FY 2015, data for "Natural resources and conservation" are included in "Agricultural sciences." For details on field changes in FY 2023, see "Changes in the questionnaire" in the ["Technical Notes"](#) section. Data were not collected on repair or renovation of research animal space in FYs 2010–23. Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. Data in this table, which utilizes repair and renovation project costs, may not match data in [table 27](#), which relies on source of funds, a separate set of survey variables. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 19

**Costs for repair and renovation of science and engineering research space in academic institutions, by type of institution and time of repair and renovation: FYs 2006–25**

(Costs in millions of dollars)

Type of institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
All institutions	3,361.6	3,015.8	3,508.9	3,745.9	4,133.4	5,079.5	5,483.4	4,902.6	6,555.6	7,565.1	9,389.5	5,228.4
Doctorate granting	3,276.2	2,920.8	3,377.8	3,558.8	4,043.9	4,910.2	5,241.4	4,738.0	6,171.1	7,324.3	9,244.8	5,166.9
Public	1,857.5	1,587.1	1,931.7	1,837.7	2,178.6	2,924.2	3,077.5	2,769.2	3,440.1	4,672.9	7,976.6	4,316.7
Private	1,418.7	1,333.7	1,446.1	1,721.0	1,865.3	1,986.0	2,163.9	1,968.7	2,731.0	2,651.4	1,268.2	850.3
Nondoctorate granting	85.4	95.0	131.1	187.1	89.5	169.3	242.0	164.6	384.5	240.9	144.7	61.5
Medical schools <sup>a</sup>	1,083.3	920.3	1,025.7	1,236.9	1,196.8	1,488.8	1,347.2	1,465.9	1,669.0	2,026.6	2,066.7	1,157.0

<sup>a</sup> Medical schools are listed separately and are also included in individual institution totals.**Note(s):**

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. Data in this table, which utilizes repair and renovation project costs, may not match data in [table 27](#), which relies on source of funds, a separate set of survey variables. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Alabama	14,933	0	1,130	0	12,118	0	635	450	0	300	0	300	0
Public	14,933	0	1,130	0	12,118	0	635	450	0	300	0	300	0
Alabama State U.	1,300	0	300	0	0	0	250	450	0	0	0	300	0
Auburn U., Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0
Troy U.	300	0	0	0	0	0	0	0	0	300	0	0	0
U. Alabama, Birmingham	385	0	0	0	0	0	385	0	0	0	0	0	0
U. Alabama, Huntsville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	12,948	0	830	0	12,118	0	0	0	0	0	0	0	0
U. South Alabama	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska	6,823	975	0	0	418	5,430	0	0	0	0	0	0	0
Public	6,823	975	0	0	418	5,430	0	0	0	0	0	0	0
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	6,823	975	0	0	418	5,430	0	0	0	0	0	0	0
U. Alaska, Southeast	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	159,357	0	7,339	2,705	36,920	3,939	44,537	450	0	59,999	465	825	2,177
Public	159,357	0	7,339	2,705	36,920	3,939	44,537	450	0	59,999	465	825	2,177
Arizona State U.	139,579	0	2,572	435	35,324	819	42,505	0	0	56,634	465	825	0
Dine C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Arizona U.	2,906	0	2,185	0	0	451	0	0	0	270	0	0	0
U. Arizona	16,872	0	2,582	2,270	1,596	2,669	2,032	450	0	3,095	0	0	2,177
Arkansas	32,280	0	10,000	0	21,620	0	660	0	0	0	0	0	0
Public	32,280	0	10,000	0	21,620	0	660	0	0	0	0	0	0
Arkansas State U., Jonesboro	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	9,000	0	9,000	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Fayetteville	22,280	0	0	0	21,620	0	660	0	0	0	0	0	0
U. Arkansas, Little Rock	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	0	0	0	0	0	0	0	0
California	950,640	17,786	365,729	5,615	96,221	39,028	337,321	0	1,575	66,938	1,416	14,165	4,846

**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Public	638,353	16,786	201,778	4,891	70,802	27,768	265,868	0	1,100	29,393	1,416	13,704	4,846
California Polytechnic State U., San Luis Obispo	5,500	1,000	500	0	4,000	0	0	0	0	0	0	0	0
California State Polytechnic U., Humboldt	1,460	0	0	0	350	0	0	0	350	760	0	0	0
California State Polytechnic U., Pomona	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Channel Islands	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Chico	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., East Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Fresno	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Fullerton	27,000	0	15,000	0	0	12,000	0	0	0	0	0	0	0
California State U., Long Beach	1,500	0	0	0	0	0	750	0	0	0	0	750	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Northridge	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Sacramento	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., San Bernardino	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., San Marcos	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Stanislaus	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	3,306	0	2,010	0	250	0	1,046	0	0	0	0	0	0
San Francisco State U.	314	0	314	0	0	0	0	0	0	0	0	0	0
San Jose State U.	2,000	0	0	0	0	2,000	0	0	0	0	0	0	0
Sonoma State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Berkeley	65,612	6,250	37,732	1,485	6,325	0	1,185	0	750	300	0	8,585	3,000
U. California, Davis	29,535	9,536	1,113	0	6,828	496	0	0	0	11,561	0	0	0
U. California, Irvine	61,995	0	6,763	3,090	21,284	0	26,314	0	0	2,483	0	2,062	0
U. California, Los Angeles	42,789	0	4,056	0	625	4,238	25,776	0	0	6,116	0	725	1,253
U. California, Merced	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Riverside	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, San Diego	56,097	0	11,545	0	21,355	6,252	15,297	0	0	500	648	500	0
U. California, San Francisco	293,200	0	97,700	0	0	0	195,500	0	0	0	0	0	0
U. California, Santa Barbara	28,950	0	11,521	316	9,236	661	0	0	0	5,474	768	382	593
U. California, Santa Cruz	19,095	0	13,525	0	550	2,120	0	0	0	2,200	0	700	0

**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Private	312,286	1,000	163,951	723	25,419	11,260	71,453	0	475	37,545	0	461	0
Azusa Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Biola U.	500	0	500	0	0	0	0	0	0	0	0	0	0
California Institute of Technology	45,862	0	3,275	0	6,461	9,855	0	0	0	26,272	0	0	0
Chapman U.	2,474	0	453	0	0	0	0	0	0	2,021	0	0	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Keck Graduate Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	1,186	0	0	0	0	0	1,186	0	0	0	0	0	0
Loyola Marymount U.	262	0	0	0	262	0	0	0	0	0	0	0	0
Marshall B. Ketchum U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pepperdine U.	911	0	911	0	0	0	0	0	0	0	0	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute	109,500	0	109,500	0	0	0	0	0	0	0	0	0	0
Stanford U.	75,456	0	11,107	0	11,346	0	45,477	0	475	7,051	0	0	0
Touro U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Diego	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Francisco	770	0	370	0	0	0	400	0	0	0	0	0	0
U. Southern California	72,365	0	36,836	723	7,350	1,405	23,389	0	0	2,200	0	461	0
Western U. of Health Sciences	3,000	1,000	1,000	0	0	0	1,000	0	0	0	0	0	0
Colorado	43,979	8,082	4,759	0	14,436	3,239	10,293	0	442	728	2,000	0	0
Public	43,979	8,082	4,759	0	14,436	3,239	10,293	0	442	728	2,000	0	0
Colorado School of Mines	10,181	0	0	0	10,181	0	0	0	0	0	0	0	0
Colorado State U., Fort Collins	11,969	8,082	2,881	0	0	278	0	0	0	728	0	0	0
Colorado State U., Pueblo	11,200	0	1,000	0	3,150	0	5,050	0	0	0	2,000	0	0
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Anschutz Medical Campus	5,243	0	0	0	0	0	5,243	0	0	0	0	0	0
U. Colorado Boulder	5,385	0	878	0	1,105	2,960	0	0	442	0	0	0	0

**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E	
U. Colorado Colorado Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Colorado Denver	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0	
Private	0	0	0	0	0	0	0	0	0	0	0	0	0	
Colorado C.	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Denver	0	0	0	0	0	0	0	0	0	0	0	0	0	
Connecticut	294,770	0	165,264	0	12,283	3,206	44,990	250	3,953	4,488	56,570	2,686	1,080	
Public	14,520	0	5,805	0	0	0	7,635	0	0	0	0	0	1,080	
U. Connecticut	14,520	0	5,805	0	0	0	7,635	0	0	0	0	0	1,080	
Private	280,250	0	159,459	0	12,283	3,206	37,355	250	3,953	4,488	56,570	2,686	0	
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sacred Heart U.	0	i	0	i	0	i	0	i	0	i	0	i	0	i
Trinity C., Hartford	0	i	0	i	0	i	0	i	0	i	0	i	0	i
U. Hartford	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. New Haven	4,922	0	0	0	0	0	4,922	0	0	0	0	0	0	
Wesleyan U.	3,315	0	930	0	0	1,400	0	250	0	0	735	0	0	
Yale U.	272,013	0	158,529	0	12,283	1,806	32,433	0	3,953	4,488	55,835	2,686	0	
Delaware	14,220	1,079	326	0	6,249	291	895	0	0	5,054	0	0	327	
Public	14,220	1,079	326	0	6,249	291	895	0	0	5,054	0	0	327	
Delaware State U.	1,138	305	326	0	0	0	255	0	0	251	0	0	0	
U. Delaware	13,082	774	0	0	6,249	291	639	0	0	4,802	0	0	327	
District of Columbia	39,312	0	12,819	0	3,317	0	12,178	0	0	7,107	1,160	2,731	0	
Public	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	
Private	39,312	0	12,819	0	3,317	0	12,178	0	0	7,107	1,160	2,731	0	
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0	
Catholic U. of America	2,260	0	0	0	0	0	0	0	0	0	1,160	1,100	0	
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0	0	0	
George Washington U.	9,156	0	7,656	0	0	0	1,500	0	0	0	0	0	0	
Georgetown U.	14,326	0	3,380	0	0	0	8,259	0	0	1,055	0	1,631	0	
Howard U.	13,570	0	1,782	0	3,317	0	2,419	0	0	6,051	0	0	0	
Florida	118,289	3,788	28,542	0	14,753	298	46,792	0	0	18,116	867	5,134	0	
Public	91,173	3,788	14,535	0	14,753	298	34,151	0	0	18,116	398	5,134	0	



**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Hawaii	8,137	0	7,445	0	0	0	0	0	692	0	0	0	0
Public	8,137	0	7,445	0	0	0	0	0	692	0	0	0	0
U. Hawaii, Hilo	7,445	0	7,445	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	692	0	0	0	0	0	0	0	692	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho	28,875	9,309	0	0	2,735	0	14,300	0	0	0	299	2,232	0
Public	28,875	9,309	0	0	2,735	0	14,300	0	0	0	299	2,232	0
Boise State U.	1,170	0	0	0	1,170	0	0	0	0	0	0	0	0
Idaho State U.	14,267	0	0	0	267	0	14,000	0	0	0	0	0	0
U. Idaho	13,438	9,309	0	0	1,299	0	300	0	0	0	299	2,232	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois	254,650	2,297	78,986	12,393	21,405	0	61,980	0	0	43,011	2,418	1,098	31,061
Public	36,964	2,297	19,614	0	2,235	0	10,523	0	0	1,822	0	0	472
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Chicago	29,637	0	18,406	0	346	0	10,523	0	0	362	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	7,326	2,297	1,208	0	1,889	0	0	0	0	1,460	0	0	472
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	217,686	0	59,371	12,393	19,170	0	51,457	0	0	41,189	2,418	1,098	30,589
DePaul U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Loyola U., Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0
Midwestern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	138,290	0	21,671	11,923	18,913	0	26,357	0	0	29,440	0	1,098	28,888
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Rush U.	1,701	0	0	0	0	0	0	0	0	0	0	0	1,701
Toyota Technological Institute, Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Chicago	77,695	0	37,700	470	258	0	25,100	0	0	11,749	2,418	0	0







**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salisbury U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Towson U.	4,029	0	0	0	0	0	4,029	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland <sup>a</sup>	65,616	925	2,586	0	312	1,101	50,801	0	0	8,580	0	1,311	0
U. Maryland Center for Environmental Science	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Baltimore County	1,571	0	1,243	0	0	0	0	0	0	0	328	0	0
U. Maryland, Eastern Shore	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	55,163	0	8,073	3,514	30,841	0	5,672	0	0	2,190	0	0	4,873
Johns Hopkins U.	55,163	0	8,073	3,514	30,841	0	5,672	0	0	2,190	0	0	4,873
Massachusetts	468,205	22,507	94,806	5,700	59,579	8,207	62,089	11,036	285	178,624	16,954	3,920	4,500
Public	75,406	4,230	4,224	4,804	3,300	334	40,883	8,374	0	9,259	0	0	0
Framingham State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Amherst	39,919	4,230	2,300	4,804	2,060	0	17,493	8,374	0	659	0	0	0
U. Massachusetts, Boston	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Dartmouth	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Lowell	10,174	0	0	0	1,240	334	0	0	0	8,600	0	0	0
U. Massachusetts, Medical School	25,313	0	1,924	0	0	0	23,390	0	0	0	0	0	0
Private	392,799	18,277	90,582	896	56,280	7,873	21,206	2,661	285	169,366	16,954	3,920	4,500
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	4,158	0	0	0	0	2,510	0	0	0	1,649	0	0	0
Boston U.	62,701	0	10,783	0	8,778	0	13,799	0	0	15,026	14,314	0	0
Brandeis U.	3,063	0	921	0	0	0	0	0	0	2,142	0	0	0
Clark U.	739	0	0	0	0	0	0	0	0	739	0	0	0
Franklin W. Olin C. of Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	230,402	0	63,684	396	16,853	3,603	5,082	2,340	0	132,184	2,640	3,620	0
Massachusetts Institute of Technology	22,060	0	1,500	0	10,000	260	0	0	0	9,500	0	300	500
MGH Institute of Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0
Mount Holyoke C.	0	0	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	33,837	0	9,500	500	13,566	0	1,608	0	0	4,663	0	0	4,000
Smith C.	2,319	0	1,713	0	0	0	0	321	285	0	0	0	0
Tufts U.	23,387	18,277	1,880	0	0	0	717	0	0	2,513	0	0	0



**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Mississippi	6,901	0	1,845	0	1,488	2,943	0	0	625	0	0	0	0
Public	6,901	0	1,845	0	1,488	2,943	0	0	625	0	0	0	0
Alcorn State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Jackson State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi State U.	1,488	0	0	0	1,488	0	0	0	0	0	0	0	0
U. Mississippi	4,050	0	1,107	0	0	2,943	0	0	0	0	0	0	0
U. Southern Mississippi	1,363	0	738	0	0	0	0	0	625	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri	135,107	4,830	21,131	294	15,533	975	70,170	0	1,917	15,708	287	1,000	3,261
Public	86,073	4,830	10,010	294	8,534	975	54,120	0	1,917	1,843	287	0	3,261
Lincoln U., Jefferson City	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri U. of Science and Technology	7,201	0	1,620	0	3,762	531	0	0	648	640	0	0	0
U. Missouri, Columbia	72,574	4,830	8,390	294	2,099	444	50,939	0	1,269	761	287	0	3,261
U. Missouri, Kansas City	6,297	0	0	0	2,673	0	3,182	0	0	443	0	0	0
U. Missouri, Saint Louis	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	49,035	0	11,121	0	6,999	0	16,050	0	0	13,865	0	1,000	0
Saint Louis U.	12,257	0	0	0	0	0	1,357	0	0	10,900	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	36,777	0	11,121	0	6,999	0	14,693	0	0	2,965	0	1,000	0
Montana	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana State U., Bozeman	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Montana, Missoula	0	0	0	0	0	0	0	0	0	0	0	0	0
Nebraska	31,596	0	13,934	330	866	654	6,018	0	468	2,350	0	468	6,507
Public	31,196	0	13,934	330	866	654	5,618	0	468	2,350	0	468	6,507
U. Nebraska, Kearney	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Lincoln and Medical Center	23,872	0	13,666	330	866	0	835	0	468	731	0	468	6,507
U. Nebraska, Omaha	7,324	0	268	0	0	654	4,783	0	0	1,619	0	0	0
Private	400	0	0	0	0	0	400	0	0	0	0	0	0
Creighton U.	400	0	0	0	0	0	400	0	0	0	0	0	0





**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Barnard C.	210,000	0	42,000	0	0	0	0	0	42,000	42,000	42,000	42,000	0
Canisius U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	2,318	0	1,896	422	0	0	0	0	0	0	0	0	0
Colgate U.	1,400	0	0	0	0	0	0	0	0	1,400	0	0	0
Columbia U. in the City of New York	50,225	0	2,333	0	0	0	0	0	0	45,654	0	2,239	0
Cornell U.	207,466	28,700	78,223	9,900	17,712	0	0	0	0	18,237	0	54,694	0
Fordham U.	1,000	0	0	1,000	0	0	0	0	0	0	0	0	0
Hobart and William Smith Colleges	0	0	0	0	0	0	0	0	0	0	0	0	0
Hofstra U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Icahn School of Medicine at Mount Sinai	62,500	0	62,500	0	0	0	0	0	0	0	0	0	0
Long Island U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	918	0	0	0	918	0	0	0	0	0	0	0	0
New York Medical C.	12,500	0	11,250	0	0	0	1,250	0	0	0	0	0	0
New York U.	119,337	0	58,008	0	61,329	0	0	0	0	0	0	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	5,522	0	2,110	0	3,095	0	0	0	0	317	0	0	0
Rochester Institute of Technology	38,200	0	8,667	0	7,000	0	0	8,667	0	8,667	0	0	5,200
Rockefeller U.	39,609	0	39,609	0	0	0	0	0	0	0	0	0	0
Skidmore C.	20,119	0	1,420	1,379	0	0	7,342	0	0	3,754	6,224	0	0
St. John's U., New York	340	0	0	0	0	0	340	0	0	0	0	0	0
Syracuse U.	79,000	0	0	0	50,000	0	0	0	0	29,000	0	0	0
Teachers C., Columbia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	20,515	0	0	0	0	0	14,780	0	0	5,735	0	0	0
Union C., Schenectady	2,700	0	0	0	0	0	0	0	0	2,700	0	0	0
Vassar C.	1,500	1,500	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	36,123	19,593	7,663	0	4,350	0	3,663	0	251	604	0	0	0
Public	29,238	19,593	1,927	0	4,350	0	2,765	0	0	604	0	0	0
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	1,513	0	813	0	0	0	394	0	0	305	0	0	0



**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina A&T State U.	14,400	13,100	0	0	0	0	1,300	0	0	0	0	0	0
North Carolina Central U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina State U.	11,308	6,493	466	0	4,350	0	0	0	0	0	0	0	0
U. North Carolina, Asheville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Chapel Hill	1,376	0	305	0	0	0	1,071	0	0	0	0	0	0
U. North Carolina, Charlotte	642	0	343	0	0	0	0	0	0	299	0	0	0
U. North Carolina, Greensboro	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Wilmington	0	0	0	0	0	0	0	0	0	0	0	0	0
Western Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	6,885	0	5,736	0	0	0	898	0	251	0	0	0	0
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	3,411	0	2,263	0	0	0	898	0	251	0	0	0	0
Wake Forest U.	3,474	0	3,474	0	0	0	0	0	0	0	0	0	0
North Dakota	15,110	4,000	4,858	0	6,252	0	0	0	0	0	0	0	0
Public	11,110	0	4,858	0	6,252	0	0	0	0	0	0	0	0
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Dakota	11,110	0	4,858	0	6,252	0	0	0	0	0	0	0	0
Private	4,000	4,000	0	0	0	0	0	0	0	0	0	0	0
United Tribes Technical C.	4,000	4,000	0	0	0	0	0	0	0	0	0	0	0
Ohio	335,524	4,407	9,422	35,328	70,922	16,630	104,512	25,000	0	66,669	2,379	256	0
Public	220,207	4,407	6,905	35,328	13,850	16,630	103,497	25,000	0	12,211	2,379	0	0
Bowling Green State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Central State U.	2,512	2,512	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent State U.	1,875	0	426	0	0	0	0	0	0	894	555	0	0
Miami U.	156,250	0	250	35,000	0	0	96,000	25,000	0	0	0	0	0
Northeast Ohio Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	13,590	1,896	2,355	328	1,065	0	6,622	0	0	0	1,324	0	0
Ohio U.	12,841	0	539	0	8,482	1,326	0	0	0	2,494	0	0	0
U. Akron	24,090	0	1,262	0	0	14,828	0	0	0	8,000	0	0	0
U. Cincinnati	3,175	0	1,173	0	703	475	0	0	0	823	0	0	0

**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
U. Toledo	4,125	0	900	0	2,100	0	625	0	0	0	500	0	0
Wright State U.	1,750	0	0	0	1,500	0	250	0	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	115,317	0	2,517	0	57,073	0	1,014	0	0	54,458	0	256	0
Case Western Reserve U.	111,735	0	2,210	0	54,053	0	1,014	0	0	54,202	0	256	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	3,582	0	307	0	3,019	0	0	0	0	256	0	0	0
Oklahoma	26,126	0	24,900	0	0	0	1,226	0	0	0	0	0	0
Public	26,126	0	24,900	0	0	0	1,226	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	16,400	0	16,400	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Stillwater	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central Oklahoma	1,226	0	0	0	0	0	1,226	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	8,500	0	8,500	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon	55,155	1,200	18,474	16,000	10,702	1,000	266	0	4,757	757	1,000	1,000	0
Public	50,214	1,200	17,532	12,000	10,702	1,000	266	0	4,757	757	1,000	1,000	0
Oregon Health and Science U.	9,391	0	2,735	0	6,390	0	266	0	0	0	0	0	0
Oregon Institute of Technology	1,513	0	0	0	0	0	0	0	757	757	0	0	0
Oregon State U.	31,700	1,200	7,500	12,000	4,000	1,000	0	0	4,000	0	1,000	1,000	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oregon	7,610	0	7,297	0	312	0	0	0	0	0	0	0	0
Private	4,941	0	941	4,000	0	0	0	0	0	0	0	0	0
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0	0	0
National U. of Natural Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Reed C.	4,941	0	941	4,000	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania	327,241	1,491	143,325	4,318	62,317	2,368	61,634	0	0	25,044	1,540	25,203	0
Public	134,869	0	7,546	700	53,473	0	54,600	0	0	16,150	1,000	1,400	0
Indiana U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Altoona	350	0	0	0	0	0	0	0	0	350	0	0	0





**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Vanderbilt U. and Vanderbilt U. Medical Center <sup>b</sup>	103,010	0	38,812	19,554	29,987	0	12,064	0	0	2,205	0	388	0
Texas	539,593	29,205	211,857	3,900	78,184	5,863	154,283	1,611	288	36,202	10,318	2,045	5,837
Public	481,190	29,205	204,878	1,044	42,787	5,528	153,375	0	288	30,377	9,949	1,473	2,286
Lamar U.	3,150	0	0	0	3,150	0	0	0	0	0	0	0	0
Prairie View A&M U.	6,660	1,700	0	0	3,688	0	0	0	0	0	617	0	655
Sam Houston State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Stephen F. Austin State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	450	0	450	0	0	0	0	0	0	0	0	0	0
Texas A&M International U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U., College Station and Health Science Center	38,295	10,000	335	0	8,251	259	14,000	0	288	5,162	0	0	0
Texas A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	652	0	652	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Kingsville	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-San Antonio	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas State U.	1,866	0	1,603	0	0	0	0	0	0	263	0	0	0
Texas Tech U.	11,071	1,505	2,279	0	0	3,119	0	0	0	1,002	3,166	0	0
Texas Tech U., Health Sciences Center	2,343	0	843	0	0	0	1,500	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Woman's U.	16,500	0	0	0	0	0	16,500	0	0	0	0	0	0
U. Houston	9,085	0	765	0	8,320	0	0	0	0	0	0	0	0
U. Houston-Clear Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Texas, Denton	18,410	0	6,110	0	300	0	0	0	0	12,000	0	0	0
U. North Texas, Health Science Center	12,494	0	12,494	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	60,956	0	35,313	0	0	0	20,540	0	0	0	5,102	0	0
U. Texas Health Science Center, San Antonio	59,200	0	0	0	0	0	59,200	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	326	0	326	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	45,629	16,000	29,630	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	19,382	0	6,827	0	0	0	12,555	0	0	0	0	0	0
U. Texas of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	121,200	0	99,900	0	0	0	21,300	0	0	0	0	0	0



**TABLE 20**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2022 or FY 2023**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
George Mason U.	9,272	0	1,210	1,656	4,154	900	350	0	0	0	0	1,002	0
James Madison U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Old Dominion U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Virginia, Charlottesville	62,500	0	0	0	0	0	0	0	0	62,500	0	0	0
Virginia Commonwealth U.	2,063	0	0	0	0	0	2,063	0	0	0	0	0	0
Virginia Military Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	7,297	2,698	2,594	0	1,291	0	273	441	0	0	0	0	0
Virginia State U.	282	0	0	0	0	0	0	0	0	282	0	0	0
William & Mary	1,000	0	0	0	0	1,000	0	0	0	0	0	0	0
Private	1,320	0	0	0	0	0	460	0	0	0	0	860	0
Edward Via C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	460	0	0	0	0	0	460	0	0	0	0	0	0
U. Richmond	860	0	0	0	0	0	0	0	0	0	0	860	0
Washington	72,418	4,168	4,137	0	915	30,900	3,569	0	450	28,280	0	0	0
Public	72,418	4,168	4,137	0	915	30,900	3,569	0	450	28,280	0	0	0
Central Washington U.	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0
Eastern Washington U.	52,000	0	0	0	0	26,000	0	0	0	26,000	0	0	0
U. Washington, Seattle	11,283	0	0	0	915	4,900	3,569	0	0	1,900	0	0	0
U. Washington, Tacoma	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	7,685	4,168	3,137	0	0	0	0	0	0	380	0	0	0
Western Washington U.	450	0	0	0	0	0	0	0	450	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin	75,391	0	26,770	0	29,593	0	12,552	0	0	6,476	0	0	0
Public	49,921	0	7,552	0	29,593	0	6,300	0	0	6,476	0	0	0





i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding. Unit nonrespondent imputed data are not published in this table. Therefore, aggregated totals will not match totals in tables 18, 19, and 22, which include unit nonrespondent imputed data.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Alabama	54,177	0	731	17,500	16,200	1,366	640	0	0	0	17,490	250	0
Public	54,177	0	731	17,500	16,200	1,366	640	0	0	0	17,490	250	0
Alabama State U.	250	0	0	0	0	0	0	0	0	0	0	250	0
Auburn U., Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0
Troy U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	1,371	0	731	0	0	0	640	0	0	0	0	0	0
U. Alabama, Huntsville	20,068	0	0	17,500	2,200	368	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	18,488	0	0	0	0	998	0	0	0	0	17,490	0	0
U. South Alabama	14,000	0	0	0	14,000	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska	5,511	400	2,100	0	2,424	587	0	0	0	0	0	0	0
Public	5,511	400	2,100	0	2,424	587	0	0	0	0	0	0	0
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	4,011	400	600	0	2,424	587	0	0	0	0	0	0	0
U. Alaska, Southeast	1,500	0	1,500	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	243,483	96,455	560	478	96,821	3,328	26,947	0	0	7,554	7,856	427	3,058
Public	243,483	96,455	560	478	96,821	3,328	26,947	0	0	7,554	7,856	427	3,058
Arizona State U.	90,323	0	270	478	78,091	0	2,647	0	0	554	7,856	427	0
Dine C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Arizona U.	10,000	0	0	0	0	3,000	0	0	0	7,000	0	0	0
U. Arizona	143,161	96,455	290	0	18,730	328	24,300	0	0	0	0	0	3,058
Arkansas	1,150	0	850	300	0	0	0	0	0	0	0	0	0
Public	1,150	0	850	300	0	0	0	0	0	0	0	0	0
Arkansas State U., Jonesboro	850	0	850	0	0	0	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Fayetteville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Little Rock	300	0	0	300	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	0	0	0	0	0	0	0	0
California	707,948	21,312	147,324	5,200	49,440	13,248	273,126	14,530	44,000	51,411	25,225	62,273	860



**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Private	96,256	500	23,220	0	22,440	7,218	20,426	0	0	20,452	2,000	0	0
Azusa Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Biola U.	0	0	0	0	0	0	0	0	0	0	0	0	0
California Institute of Technology	7,923	0	1,373	0	2,175	657	0	0	0	3,718	0	0	0
Chapman U.	7,800	0	7,800	0	0	0	0	0	0	0	0	0	0
Charles R. Drew U. of Medicine and Science	1,600	0	1,600	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvey Mudd C.	350	0	0	0	350	0	0	0	0	0	0	0	0
Keck Graduate Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Loyola Marymount U.	600	0	350	0	250	0	0	0	0	0	0	0	0
Marshall B. Ketchum U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	16,000	0	500	0	0	0	0	0	0	14,000	1,500	0	0
Pepperdine U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute	6,000	0	6,000	0	0	0	0	0	0	0	0	0	0
Stanford U.	37,839	0	0	0	19,665	0	15,441	0	0	2,734	0	0	0
Touro U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Diego	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern California	15,643	0	4,597	0	0	6,561	3,985	0	0	0	500	0	0
Western U. of Health Sciences	2,500	500	1,000	0	0	0	1,000	0	0	0	0	0	0
Colorado	73,608	0	1,079	0	48,546	0	5,798	0	0	13,727	0	4,458	0
Public	73,608	0	1,079	0	48,546	0	5,798	0	0	13,727	0	4,458	0
Colorado School of Mines	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado State U., Fort Collins	4,481	0	554	0	1,448	0	734	0	0	1,745	0	0	0
Colorado State U., Pueblo	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Anschutz Medical Campus	5,064	0	0	0	0	0	5,064	0	0	0	0	0	0
U. Colorado Boulder	16,966	0	525	0	0	0	0	0	0	11,983	0	4,458	0

**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E	
U. Colorado Colorado Springs	47,097	0	0	0	47,097	0	0	0	0	0	0	0	0	
U. Colorado Denver	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0	
Private	0	0	0	0	0	0	0	0	0	0	0	0	0	
Colorado C.	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Denver	0	0	0	0	0	0	0	0	0	0	0	0	0	
Connecticut	671,981	1,433	274,766	3,055	14,089	20,970	280,355	0	4,672	39,850	0	32,791	0	
Public	2,672	1,433	0	0	1,239	0	0	0	0	0	0	0	0	
U. Connecticut	2,672	1,433	0	0	1,239	0	0	0	0	0	0	0	0	
Private	669,309	0	274,766	3,055	12,850	20,970	280,355	0	4,672	39,850	0	32,791	0	
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sacred Heart U.	0	i	0	i	0	i	0	i	0	i	0	i	0	i
Trinity C., Hartford	0	i	0	i	0	i	0	i	0	i	0	i	0	i
U. Hartford	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. New Haven	6,170	0	0	0	0	0	3,354	0	2,026	0	0	791	0	
Wesleyan U.	1,430	0	330	0	0	0	0	0	0	1,100	0	0	0	
Yale U.	661,709	0	274,436	3,055	12,850	20,970	277,001	0	2,646	38,750	0	32,000	0	
Delaware	15,243	273	700	263	10,955	371	344	250	0	2,087	0	0	0	
Public	15,243	273	700	263	10,955	371	344	250	0	2,087	0	0	0	
Delaware State U.	950	0	700	0	0	0	0	250	0	0	0	0	0	
U. Delaware	14,293	273	0	263	10,955	371	344	0	0	2,087	0	0	0	
District of Columbia	98,728	0	30,098	0	45,834	0	11,694	0	3,715	7,387	0	0	0	
Public	4,800	0	0	0	4,800	0	0	0	0	0	0	0	0	
U. of the District of Columbia	4,800	0	0	0	4,800	0	0	0	0	0	0	0	0	
Private	93,928	0	30,098	0	41,034	0	11,694	0	3,715	7,387	0	0	0	
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0	
Catholic U. of America	3,250	0	1,625	0	0	0	0	0	0	1,625	0	0	0	
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0	0	0	
George Washington U.	1,800	0	1,800	0	0	0	0	0	0	0	0	0	0	
Georgetown U.	44,878	0	26,673	0	0	0	10,487	0	3,715	4,003	0	0	0	
Howard U.	44,000	0	0	0	41,034	0	1,207	0	0	1,759	0	0	0	
Florida	198,092	2,680	49,891	0	34,012	0	59,646	0	1,269	8,254	1,200	0	41,141	
Public	190,996	2,680	44,064	0	34,012	0	59,646	0	0	8,254	1,200	0	41,141	



**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Hawaii	515	515	0	0	0	0	0	0	0	0	0	0	0
Public	515	515	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Hilo	515	515	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho	28,396	16,734	0	0	4,500	0	0	0	1,640	3,819	0	1,705	0
Public	28,396	16,734	0	0	4,500	0	0	0	1,640	3,819	0	1,705	0
Boise State U.	3,000	0	0	0	1,500	0	0	0	0	1,500	0	0	0
Idaho State U.	5,000	0	0	0	3,000	0	0	0	0	2,000	0	0	0
U. Idaho	20,396	16,734	0	0	0	0	0	0	1,640	319	0	1,705	0
Illinois	278,404	1,237	153,344	3,651	32,293	4,602	30,182	0	2,504	25,236	2,078	21,916	1,361
Public	22,052	1,237	1,939	1,586	8,003	0	348	0	2,504	5,701	0	0	734
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Chicago	4,389	0	0	0	0	0	348	0	0	4,041	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	17,663	1,237	1,939	1,586	8,003	0	0	0	2,504	1,661	0	0	734
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	256,352	0	151,405	2,066	24,290	4,602	29,834	0	0	19,535	2,078	21,916	627
DePaul U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Loyola U., Chicago	1,100	0	0	0	0	0	0	0	0	1,100	0	0	0
Midwestern U.	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0
Northwestern U.	189,209	0	119,105	1,336	21,249	0	13,834	0	0	10,893	250	21,916	627
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Rush U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Toyota Technological Institute, Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Chicago	64,043	0	30,300	730	3,041	4,602	16,000	0	0	7,542	1,828	0	0

**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana	107,666	6,381	60,597	1,493	8,366	2,576	13,707	0	0	13,346	0	1,200	0
Public	102,896	6,381	58,417	1,493	7,316	2,576	13,707	0	0	11,806	0	1,200	0
Ball State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	9,349	0	3,678	721	0	0	3,000	0	0	750	0	1,200	0
Indiana U.-Purdue U., Indianapolis	15,568	0	3,720	300	583	258	10,707	0	0	0	0	0	0
Purdue U., Fort Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U., Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	77,979	6,381	51,019	472	6,733	2,318	0	0	0	11,056	0	0	0
Private	4,770	0	2,180	0	1,050	0	0	0	0	1,540	0	0	0
Butler U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Notre Dame	4,770	0	2,180	0	1,050	0	0	0	0	1,540	0	0	0
Iowa	38,370	589	0	0	1,901	0	26,340	0	0	9,540	0	0	0
Public	38,370	589	0	0	1,901	0	26,340	0	0	9,540	0	0	0
Iowa State U.	589	589	0	0	0	0	0	0	0	0	0	0	0
U. Iowa	37,781	0	0	0	1,901	0	26,340	0	0	9,540	0	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	5,478	1,580	1,173	0	975	800	0	0	0	0	950	0	0
Public	5,478	1,580	1,173	0	975	800	0	0	0	0	950	0	0
Kansas State U.	3,505	1,580	0	0	975	0	0	0	0	0	950	0	0
U. Kansas	1,173	0	1,173	0	0	0	0	0	0	0	0	0	0
Wichita State U.	800	0	0	0	0	800	0	0	0	0	0	0	0
Kentucky	59,905	3,000	13,802	0	7,612	0	25,985	0	0	7,455	1,574	478	0
Public	59,905	3,000	13,802	0	7,612	0	25,985	0	0	7,455	1,574	478	0
Kentucky State U.	542	0	542	0	0	0	0	0	0	0	0	0	0
Morehead State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Murray State U.	28,200	3,000	4,200	0	0	0	21,000	0	0	0	0	0	0
Northern Kentucky U.	2,482	0	949	0	0	0	0	0	0	1,534	0	0	0
U. Kentucky	10,600	0	3,400	0	6,250	0	0	0	0	950	0	0	0





**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salisbury U.	350	0	350	0	0	0	0	0	0	0	0	0	0
Towson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland <sup>a</sup>	75,325	0	1,052	0	275	0	59,121	0	0	10,418	0	4,460	0
U. Maryland Center for Environmental Science	6,000	2,500	0	0	0	3,500	0	0	0	0	0	0	0
U. Maryland, Baltimore County	9,133	0	0	515	2,105	0	3,947	2,215	351	0	0	0	0
U. Maryland, Eastern Shore	4,200	0	4,200	0	0	0	0	0	0	0	0	0	0
Private	62,133	0	18,204	0	10,440	0	8,092	0	0	1,397	0	0	24,000
Johns Hopkins U.	62,133	0	18,204	0	10,440	0	8,092	0	0	1,397	0	0	24,000
Massachusetts	716,976	30,150	360,187	8,619	111,260	18,376	28,803	1,755	0	141,790	10,248	4,789	1,000
Public	65,427	0	20,843	0	800	0	18,384	0	0	25,400	0	0	0
Framingham State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Amherst	1,450	0	0	0	0	0	1,450	0	0	0	0	0	0
U. Massachusetts, Boston	3,500	0	0	0	0	0	3,500	0	0	0	0	0	0
U. Massachusetts, Dartmouth	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Lowell	30,800	0	0	0	800	0	4,600	0	0	25,400	0	0	0
U. Massachusetts, Medical School	29,677	0	20,843	0	0	0	8,834	0	0	0	0	0	0
Private	651,549	30,150	339,343	8,619	110,460	18,376	10,419	1,755	0	116,390	10,248	4,789	1,000
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	4,271	0	0	0	0	1,000	0	0	0	2,070	1,201	0	0
Boston U.	1,249	0	299	0	468	0	483	0	0	0	0	0	0
Brandeis U.	23,550	0	21,185	0	0	0	0	0	0	2,365	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Franklin W. Olin C. of Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	442,006	0	293,248	0	44,314	5,412	0	1,755	0	84,833	8,579	3,864	0
Massachusetts Institute of Technology	37,725	0	2,500	4,100	27,300	0	0	0	0	1,900	0	925	1,000
MGH Institute of Health Professions	0	0	0	0	0	0	0	0	0	0	0	0	0
Mount Holyoke C.	0	0	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	51,987	8,600	5,178	3,400	19,828	1,564	1,548	0	0	11,868	0	0	0
Smith C.	4,611	0	933	1,119	0	0	1,288	0	0	803	468	0	0
Tufts U.	83,950	21,550	15,600	0	18,050	9,600	7,100	0	0	12,050	0	0	0



**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Mississippi	4,942	0	2,183	0	2,759	0	0	0	0	0	0	0	0
Public	4,942	0	2,183	0	2,759	0	0	0	0	0	0	0	0
Alcorn State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Jackson State U.	1,842	0	1,583	0	259	0	0	0	0	0	0	0	0
Mississippi State U.	2,500	0	0	0	2,500	0	0	0	0	0	0	0	0
U. Mississippi	600	0	600	0	0	0	0	0	0	0	0	0	0
U. Southern Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri	129,979	7,614	50,891	0	12,900	0	38,475	0	0	19,824	275	0	0
Public	47,223	7,614	16,000	0	4,900	0	2,709	0	0	16,000	0	0	0
Lincoln U., Jefferson City	2,400	2,400	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri U. of Science and Technology	36,900	0	16,000	0	4,900	0	0	0	0	16,000	0	0	0
U. Missouri, Columbia	5,214	5,214	0	0	0	0	0	0	0	0	0	0	0
U. Missouri, Kansas City	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Missouri, Saint Louis	2,709	0	0	0	0	0	2,709	0	0	0	0	0	0
Private	82,756	0	34,891	0	8,000	0	35,766	0	0	3,824	275	0	0
Saint Louis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	82,756	0	34,891	0	8,000	0	35,766	0	0	3,824	275	0	0
Montana	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana State U., Bozeman	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Montana, Missoula	0	0	0	0	0	0	0	0	0	0	0	0	0
Nebraska	6,766	670	2,703	0	1,152	0	1,989	0	0	252	0	0	0
Public	3,331	670	270	0	1,152	0	987	0	0	252	0	0	0
U. Nebraska, Kearney	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Lincoln and Medical Center	3,061	670	0	0	1,152	0	987	0	0	252	0	0	0
U. Nebraska, Omaha	270	0	270	0	0	0	0	0	0	0	0	0	0
Private	3,436	0	2,433	0	0	0	1,003	0	0	0	0	0	0
Creighton U.	3,436	0	2,433	0	0	0	1,003	0	0	0	0	0	0





**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Barnard C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Canisius U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	1,042	0	1,042	0	0	0	0	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	179,759	86,266	43,847	600	25,050	0	0	0	0	11,023	853	12,121	0
Fordham U.	1,000	0	0	1,000	0	0	0	0	0	0	0	0	0
Hobart and William Smith Colleges	0	0	0	0	0	0	0	0	0	0	0	0	0
Hofstra U.	500	0	0	0	0	0	0	0	0	0	0	500	0
Icahn School of Medicine at Mount Sinai	16,000	0	16,000	0	0	0	0	0	0	0	0	0	0
Long Island U.	2,450	0	0	0	2,450	0	0	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	725	0	725	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	2,900	0	0	0	0	0	1,400	0	0	1,500	0	0	0
New York Medical C.	0	0	0	0	0	0	0	0	0	0	0	0	0
New York U.	49,362	0	48,550	0	0	0	0	0	0	0	812	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U.	15,707	0	15,707	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U., New York	668	0	350	0	0	0	318	0	0	0	0	0	0
Syracuse U.	17,419	0	0	0	0	0	0	0	0	15,000	2,419	0	0
Teachers C., Columbia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	6,392	0	0	0	0	0	2,000	0	0	4,392	0	0	0
Union C., Schenectady	700	0	0	0	700	0	0	0	0	0	0	0	0
Vassar C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	297,500	59,983	58,896	12,527	34,924	2,394	8,046	9,731	2,623	88,960	8,447	333	10,636
Public	284,297	59,983	53,492	12,527	34,924	2,394	7,559	9,731	2,623	88,960	1,135	333	10,636
Appalachian State U.	636	0	0	0	0	0	0	0	0	0	0	0	636
East Carolina U.	1,975	0	1,563	0	0	0	0	0	0	412	0	0	0

**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina A&T State U.	25,100	0	0	0	6,000	0	0	9,100	0	0	0	0	10,000
North Carolina Central U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina State U.	235,518	59,504	47,879	8,589	28,924	2,033	831	0	2,623	84,273	530	333	0
U. North Carolina, Asheville	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Chapel Hill	11,793	480	4,050	0	0	362	2,790	631	0	2,876	605	0	0
U. North Carolina, Charlotte	1,400	0	0	0	0	0	0	0	0	1,400	0	0	0
U. North Carolina, Greensboro	7,875	0	0	3,938	0	0	3,938	0	0	0	0	0	0
U. North Carolina, Wilmington	0	0	0	0	0	0	0	0	0	0	0	0	0
Western Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	13,203	0	5,404	0	0	0	487	0	0	0	7,312	0	0
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	10,403	0	2,604	0	0	0	487	0	0	0	7,312	0	0
Wake Forest U.	2,800	0	2,800	0	0	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Public	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
United Tribes Technical C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio	268,192	0	85,921	0	46,094	32,958	38,139	0	0	65,080	0	0	0
Public	257,948	0	83,727	0	43,378	32,958	35,855	0	0	62,031	0	0	0
Bowling Green State U.	706	0	0	0	0	0	0	0	0	706	0	0	0
Central State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	21,000	0	7,000	0	7,000	0	0	0	0	7,000	0	0	0
Kent State U.	3,325	0	3,325	0	0	0	0	0	0	0	0	0	0
Miami U.	1,200	0	1,200	0	0	0	0	0	0	0	0	0	0
Northeast Ohio Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	67,057	0	4,724	0	616	32,958	28,759	0	0	0	0	0	0
Ohio U.	282	0	0	0	282	0	0	0	0	0	0	0	0
U. Akron	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	157,547	0	67,478	0	35,479	0	265	0	0	54,325	0	0	0









**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
Vanderbilt U. and Vanderbilt U. Medical Center <sup>b</sup>	34,816	0	29,029	0	0	0	5,787	0	0	0	0	0	0
Texas	955,225	7,297	229,820	278,719	139,145	3,193	174,873	0	2,000	23,178	0	47,000	50,000
Public	942,172	7,297	223,091	278,719	135,342	2,841	174,873	0	2,000	21,008	0	47,000	50,000
Lamar U.	57,900	0	0	0	0	0	0	0	0	7,900	0	0	50,000
Prairie View A&M U.	7,628	1,860	0	0	395	0	5,373	0	0	0	0	0	0
Sam Houston State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Stephen F. Austin State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sul Ross State U.	4,000	0	500	0	0	0	3,000	0	0	500	0	0	0
Tarleton State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M International U.	650	0	250	0	400	0	0	0	0	0	0	0	0
Texas A&M U., College Station and Health Science Center	125,000	0	2,000	0	0	0	123,000	0	0	0	0	0	0
Texas A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	3,500	0	0	0	0	0	0	0	0	3,500	0	0	0
Texas A&M U.-Kingsville	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-San Antonio	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Tech U.	4,881	0	0	0	0	2,841	0	0	0	2,040	0	0	0
Texas Tech U., Health Sciences Center	26,000	0	20,500	0	0	0	5,500	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Woman's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Houston	2,500	0	2,500	0	0	0	0	0	0	0	0	0	0
U. Houston-Clear Lake	10,000	0	8,000	0	0	0	0	0	2,000	0	0	0	0
U. North Texas, Denton	7,430	0	0	0	5,685	0	0	0	0	1,745	0	0	0
U. North Texas, Health Science Center	22,680	0	22,680	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	30,000	0	30,000	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	28,000	0	0	0	0	0	28,000	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	2,400	0	2,400	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	53,516	5,437	48,079	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	54,917	0	54,917	0	0	0	0	0	0	0	0	0	0
U. Texas of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	1,250	0	700	0	550	0	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	40,000	0	30,000	0	0	0	10,000	0	0	0	0	0	0



**TABLE 21**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Planned to start in FY 2024 or FY 2025**

(Costs in thousands of dollars)

State or territory, control, and institution	All fields	Agricultural sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric sciences, and ocean sciences	Health sciences	Mathematics and statistics	Natural resources and conservation	Physical sciences	Psychology	Social sciences	Other fields of S&E
George Mason U.	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Old Dominion U.	74,900	0	0	0	0	0	74,900	0	0	0	0	0	0
U. Virginia, Charlottesville	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Military Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	20,572	2,732	854	0	2,285	0	0	0	14,700	0	0	0	0
Virginia State U.	1,039	329	710	0	0	0	0	0	0	0	0	0	0
William & Mary	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	1,201	0	419	0	0	0	0	0	0	783	0	0	0
Edward Via C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Richmond	1,201	0	419	0	0	0	0	0	0	783	0	0	0
Washington	83,652	2,397	69,969	327	3,884	0	2,601	0	1,275	3,198	0	0	0
Public	83,652	2,397	69,969	327	3,884	0	2,601	0	1,275	3,198	0	0	0
Central Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Washington U.	52,000	0	52,000	0	0	0	0	0	0	0	0	0	0
U. Washington, Seattle	5,360	0	275	0	1,840	0	1,100	0	1,275	870	0	0	0
U. Washington, Tacoma	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	26,292	2,397	17,694	327	2,044	0	1,501	0	0	2,328	0	0	0
Western Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private	0	0	0	0	0	0	0	0	0	0	0	0	0
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia	4,000	3,750	250	0	0	0	0	0	0	0	0	0	0
Public	4,000	3,750	250	0	0	0	0	0	0	0	0	0	0
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	250	0	250	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	3,750	3,750	0	0	0	0	0	0	0	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin	21,384	0	4,288	0	6,036	1,738	3,332	0	0	3,487	0	2,503	0
Public	21,384	0	4,288	0	6,036	1,738	3,332	0	0	3,487	0	2,503	0



i = imputed.

S&E = science and engineering.

<sup>a</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>b</sup> Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

**Note(s):**

Details may not add to totals due to rounding. Unit nonrespondent imputed data are not published in this table. Therefore, aggregated totals will not match totals in tables 18, 19, and 22, which include unit nonrespondent imputed data.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.



TABLE 22

## Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
Alabama													
Public													
Alabama A&M U.	0	NA	0	0	1,919	0	382	4,804	0	0	0	0	0
Alabama State U.	0	0	0	0	0	0	4,800	275	1,300	250	4,500	0	0
Auburn U., Auburn	na	na	0	6,041	1,714	22,388	0	0	0	0	0	0	0
Troy U.	ne	ne	ne	ne	ne	ne	ne	0	300	0	0	0	0
U. Alabama, Birmingham	2,945	5,087	8,118	441	294	2,264	0	7,704	385	1,371	18,798	0	0
U. Alabama, Huntsville	0	0	0	975	0	320	0	677	0	20,068	1,204	0	0
U. Alabama, Tuscaloosa	0	707	2,642	400	8,568	14,951	13,952	2,206	12,948	18,488	0	0	0
U. South Alabama	0	0	0	0	1,376	1,750	2,411	0	0	14,000	0	0	0
Private													
Tuskegee U.	11,529	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	NA	NA	27,900	0	0	0	0	0	0	0	3,000	0
U. Alaska, Fairbanks	NA	9,000	2,942	13,427	18,288	6,498	6,487	6,853	6,823	4,011	93,563	172,000	0
U. Alaska, Southeast	ne	NA	3,450	0	0	0	0	1,125	0	1,500	2,100	0	0
Private													
Alaska Pacific U.	ne	ne	ne	ne	ne	0	0	500	0	0	0	0	0
Arizona													
Public													
Arizona State U.	2,366	7,449	21,375	34,247	26,180	29,478	33,748	53,198	139,579	90,323	0	0	0
Dine C.	ne	ne	ne	ne	ne	ne	0	ne	0	0	0	0	0
Northern Arizona U.	750	500	5,000	1,889	3,641	4,474	498	0	2,906	10,000	7,000	0	0
U. Arizona	11,685	2,918	5,725	53,029	8,607	21,000	24,320	23,859	16,872	143,161	0	67,000	0
Arkansas													
Public													
Arkansas State U., Jonesboro	403	0	2,000	1,800	1,800	0	0	350	1,000	850	0	1,100	0
U. Arkansas for Medical Sciences	0	2,267	10,974	430	0	2,879	3,511	20,221	9,000	0	0	0	0
U. Arkansas, Fayetteville	6,165	0	0	463	2,571	2,920	1,805	4,470	22,280	0	32,000	0	0
U. Arkansas, Little Rock	3,000	0	0	0	0	0	2,600	0	0	300	0	0	0
U. Arkansas, Pine Bluff	0	0	0	1,200	0	0	0	14,529	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	260	530	0	0	0	0	0	0

**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
California													
Public													
California Polytechnic State U., San Luis Obispo	1,650	0	250	0	0	1,044	922	600	5,500	3,600	0	1,250	
California State Polytechnic U., Humboldt	0	NA	0	0	0	0	0	0	1,460	12,200	0	0	
California State Polytechnic U., Pomona	0	463	1,592	15,014	250	0	0	0	0	0	0	0	
California State U., Bakersfield	0	1,025	675	0	0	0	643	0	0	0	0	0	
California State U., Channel Islands	ne	ne	ne	ne	0	0	0	0	0	0	0	0	
California State U., Chico	0	0	0	0	0	0	500	0	0	0	0	0	
California State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0	0	
California State U., East Bay	0	0	0	0	ne	ne	ne	0	0	0	0	0	
California State U., Fresno	0	667	0	0	0	0	0	0	0	0	0	0	
California State U., Fullerton	800	900	3,440	0	3,000	0	0	0	27,000	0	0	0	
California State U., Long Beach	0	0	0	0	0	0	14,061	0	1,500	5,000	4,200	15,000	
California State U., Los Angeles	0	0	0	1,734	0	0	0	0	0	0	0	0	
California State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0	0	
California State U., Northridge	921	0	0	342	679	1,504	1,345	0	0	0	0	0	
California State U., Sacramento	0	0	1,300	0	360	0	0	0	0	0	0	16,511	
California State U., San Bernardino	1,254	787	0	0	0	0	0	0	0	1,004	0	0	
California State U., San Marcos	ne	ne	NA	0	0	0	250	0	0	0	0	0	
California State U., Stanislaus	ne	ne	ne	0	ne	0	0	0	0	0	0	0	
San Diego State U.	1,877	1,400	1,516	1,400	0	6,060	1,050	5,813	3,306	807	0	0	
San Francisco State U.	NA	3,210	0	0	0	0	0	0	314	0	0	0	
San Jose State U.	0	0	1,500	14,035	500	1,476	0	0	2,000	0	0	0	
Sonoma State U.	ne	ne	ne	0	0	ne	ne	0	0	0	0	0	
U. California, Berkeley	20,055	19,534	72,051	20,100	34,860	35,450	44,000	43,300	65,612	128,500	741,020	3,300	
U. California, Davis	110,181	57,272	41,200	22,443	2,395	67,069	68,454	20,172	29,535	109,399	234,411	0	
U. California, Irvine	10,265	8,999	39,102	17,453	4,900	26,910	23,703	63,568	61,995	15,000	248,292	27,824	
U. California, Los Angeles	5,790	9,524	48,619	179,184	202,438	116,150	14,998	14,578	42,789	360	0	0	
U. California, Merced	1,225	7,447	0	0	0	524	8,974	5,132	0	0	0	0	
U. California, Riverside	4,102	15,535	15,173	15,341	0	10,000	114,678	28,000	0	0	0	0	
U. California, San Diego	18,353	16,121	8,305	40,894	44,218	21,739	158,364	148,277	56,097	35,800	0	0	
U. California, San Francisco	68,852	7,631	47,452	88,318	37,000	135,000	162,600	229,600	293,200	290,900	200,000	0	
U. California, Santa Barbara	11,850	11,770	12,478	3,817	12,282	11,499	16,700	7,573	28,950	2,122	645,842	0	

TABLE 22

## Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
U. California, Santa Cruz	14,078	3,721	10,369	1,512	15,821	40,191	2,698	14,861	19,095	7,000	383,808	0
Private												
Azusa Pacific U.	ne	ne	ne	0	0	0	0	0	0	0	0	0
Biola U.	ne	ne	ne	ne	ne	ne	0	0	500	0	0	0
California Institute of Technology	10,212	24,993	9,668	48,840	26,887	42,614	34,617	35,486	45,862	7,923	0	0
Chapman U.	ne	ne	0	3,060	0	8,296	7,280	21,530	2,474	7,800	1,009	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	1,600	0	0
Claremont Graduate U.	0	400	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C. <sup>a</sup>	ne	ne	1,750	0	375	745	1,750	0	0	0	0	0
Harvey Mudd C.	0	0	0	300	500	0	314	0	0	350	450	0
Keck Graduate Institute	ne	ne	ne	0	0	0	0	0	0	0	0	3,500
Loma Linda U.	600	0	250	9,500	1,734	2,666	3,344	0	1,186	0	0	0
Loyola Marymount U.	250	0	1,500	0	0	825	0	438	262	600	0	0
Marshall B. Ketchum U.	ne	ne	ne	ne	0	0	0	0	0	0	0	0
Occidental C.	277	0	600	0	0	6,258	14,415	6,470	0	16,000	26,100	0
Pepperdine U.	ne	ne	ne	0	0	0	ne	0	911	0	0	0
Pomona C.	0	14,336	0	510	250	0	600	0	0	0	0	0
Santa Clara U.	962	3,485	700	0	3,000	500	23,360	0	0	0	0	0
Scripps Research Institute	ne	ne	14,586	8,350	10,967	9,511	25,173	31,597	109,500	6,000	0	0
Stanford U.	52,542	51,436	19,156	58,278	77,952	43,823	7,862	26,735	75,456	37,839	0	0
Touro U.	ne	ne	ne	0	1,500	0	0	0	0	0	0	0
U. of the Pacific	0	0	0	2,877	0	0	0	0	0	0	0	0
U. San Diego	ne	ne	0	0	4,500	5,000	0	0	0	0	0	0
U. San Francisco	0	0	0	0	0	0	5,000	0	770	0	0	0
U. Southern California	9,784	10,151	6,242	118,709	70,470	28,596	71,880	28,955	72,365	15,643	344	0
Western U. of Health Sciences	315	0	0	800	0	0	0	5,125	3,000	2,500	0	0
Colorado												
Public												
Colorado School of Mines	956	1,900	2,946	2,265	1,703	1,713	872	7,823	10,181	0	0	0
Colorado State U., Fort Collins	500	4,896	1,050	6,471	8,718	252	3,498	2,876	11,969	4,481	0	0
Colorado State U., Pueblo	ne	ne	ne	ne	ne	ne	0	0	11,200	0	0	0
Fort Lewis C.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
U. Colorado Anschutz Medical Campus <sup>b</sup>	6,552	25,424	3,551	271	6,388	1,947	6,249	26,372	5,243	5,064	18,887	0

TABLE 22

## Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
U. Colorado Boulder	0	0	8,767	19,692	59,666	31,527	13,492	5,536	5,385	16,966	197,166	0
U. Colorado Colorado Springs	0	0	17,085	0	0	570	1,471	0	0	47,097	0	0
U. Colorado Denver	na	na	na	na	na	na	na	na	0	0	0	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0
Private												
Colorado C.	ne	ne	ne	ne	ne	0	280	ne	0	0	0	20,524
U. Denver	0	450	0	1,171	3,270	1,521	394	0	0	0	0	0
Connecticut												
Public												
Southern Connecticut State U.	NA	0	ne	0	0	0	0	0	0	0	0	0
U. Connecticut	314	52,515	4,752	98,344	22,397	43,190	73,762	21,778	14,520	2,672	56,032	0
Private												
Connecticut C.	NA	ne	NA	0	0	0	0	0	0	0	0	0
Sacred Heart U.	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
Trinity C., Hartford	ne	ne	2,000	1,225	0	430	400	301	0	0	0	0
U. Hartford	0	0	0	0	700	0	ne	0	0	0	0	0
U. New Haven	ne	ne	ne	ne	ne	9,835	9,672	4,774	4,922	6,170	3,150	0
Wesleyan U.	580	1,050	3,257	2,745	4,097	3,006	2,201	1,801	3,315	1,430	0	17,162
Yale U.	187,441	141,291	113,456	201,349	265,364	102,058	114,062	378,885	272,013	661,709	585,325	0
Delaware												
Public												
Delaware State U.	1,763	0	500	600	1,590	350	426	677	1,138	950	12,000	0
U. Delaware	32,183	7,968	0	6,817	14,103	10,939	4,856	10,008	13,082	14,293	1,894	0
District of Columbia												
Public												
U. of the District of Columbia	0	0	260	4,500	10,500	800	2,000	0	0	4,800	300	0
Private												
American U.	0	3,100	0	1,400	0	1,155	0	0	0	0	0	0
Catholic U. of America	0	NA	NA	0	2,430	1,001	800	3,143	2,260	3,250	0	0
Gallaudet U.	NA	NA	520	657	0	0	0	0	0	0	0	0
George Washington U.	67,600	345	40,535	52,235	25,909	36,518	15,550	6,550	9,156	1,800	0	0
Georgetown U.	16,505	1,940	17,408	10,407	12,315	0	3,300	10,795	14,326	44,878	46,736	0
Howard U.	550	1,385	9,529	14,450	2,000	6,000	10,351	7,277	13,570	44,000	11,784	0

TABLE 22

## Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
Florida													
Public													
Florida A&M U.	3,000	1,400	7,600	2,400	3,032	545	514	2,580	0	17,628	0	0	
Florida Atlantic U.	0	0	3,318	1,262	0	700	582	716	257	0	0	0	
Florida Gulf Coast U.	251	0	0	0	0	0	0	0	0	0	0	0	
Florida International U.	2,607	1,317	9,003	6,631	1,534	4,051	2,273	4,171	4,171	1,681	0	0	
Florida Polytechnic U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0	
Florida State U.	0	0	0	1,619	3,459	5,468	39,538	8,476	33,099	3,345	11,715	0	
New C. Florida	ne	ne	ne	ne	ne	0	ne	ne	0	0	0	0	
U. Central Florida	0	0	0	320	7,171	12,100	647	5,183	5,000	71,600	0	8,000	
U. Florida	4,100	390	8,236	7,031	67,659	12,640	4,796	14,222	15,973	65,596	26,916	0	
U. North Florida	NA	0	0	0	0	0	6,840	0	0	0	0	0	
U. South Florida <sup>c</sup>	4,349	4,985	6,342	5,731	6,218	2,361	14,177	7,794	32,673	31,146	26,200	0	
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	
Private													
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	700	0	0	0	0	
Florida Institute of Technology	0	0	0	2,099	2,170	0	3,327	545	0	0	0	0	
Nova Southeastern U.	0	0	0	0	4,482	1,742	0	4,951	468	7,096	0	0	
U. Miami	28,800	17,051	7,018	21,856	75,372	10,844	9,011	21,786	26,648	0	31,163	0	
Georgia													
Public													
Augusta U.	na	na	na	569	2,538	6,724	440	1,259	16,447	2,974	0	0	
Fort Valley State U.	0	0	0	361	361	0	2,836	879	2,179	14,500	0	0	
Georgia Institute of Technology	6,400	22,500	15,600	18,700	22,288	7,164	92,142	43,306	26,280	9,400	356,389	39,969	
Georgia Southern U.	0	6,841	0	0	0	0	5,000	0	3,417	4,419	0	0	
Georgia State U.	5,466	6,181	8,230	4,372	2,500	1,281	6,805	5,005	6,670	1,200	0	0	
Kennesaw State U.	ne	ne	0	0	0	1,000	0	1,497	20,040	4,050	0	0	
Savannah State U.	1,146	0	250	0	0	0	0	3,700	0	0	0	0	
U. Georgia	1,685	2,800	3,967	12,821	6,729	16,964	10,446	4,678	17,013	12,481	0	0	
Private													
Clark Atlanta U.	0	0	250	250	2,036	0	0	15,457	7,292	3,839	0	0	
Emory U.	7,055	2,942	0	4,167	1,001	5,197	5,844	5,844	3,500	92,500	0	0	
Mercer U.	0	1,663	0	0	0	0	49,201	16,486	1,535	0	0	0	



**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Rush U.	750	1,000	4,928	1,899	3,833	16,785	0	7,000	1,701	0	0	0
Toyota Technological Institute, Chicago	ne	ne	ne	ne	0	0	0	5,923	0	0	0	0
U. Chicago	78,488	63,173	20,000	42,813	28,191	64,634	50,524	42,501	77,695	64,043	0	0
Wheaton C., Wheaton	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
Indiana												
Public												
Ball State U.	0	0	0	0	0	0	0	0	59,900	0	0	0
Indiana U., Bloomington	na	na	8,786	13,606	10,766	19,544	21,279	8,561	6,930	9,349	3,275	0
Indiana U.-Purdue U., Indianapolis	na	na	35,137	24,528	30,000	12,991	21,866	9,653	4,792	15,568	0	0
Purdue U., Fort Wayne <sup>d</sup>	na	na	300	0	0	0	0	0	0	0	0	0
Purdue U., Northwest	na	na	na	na	na	0	0	0	0	0	0	0
Purdue U., West Lafayette	na	na	25,640	25,564	36,522	8,379	37,570	80,078	55,758	77,979	0	62,149
Private												
Butler U.	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Notre Dame	5,484	4,683	5,250	9,761	369	30,008	12,981	7,532	14,623	4,770	0	0
Iowa												
Public												
Iowa State U.	1,708	1,105	916	0	1,240	1,149	597	1,992	1,943	589	0	93,805
U. Iowa	7,861	23,834	8,396	9,006	70,729	47,578	28,296	18,370	48,744	37,781	72,546	0
U. Northern Iowa	2,370	0	335	814	0	0	0	0	0	0	0	19,580
Private												
Des Moines U.	ne	0	ne	ne	ne	300	0	0	0	0	0	0
Grinnell C.	ne	ne	0	0	0	0	15,733	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	ne	0	0	0	0	0	0	0	0	0	0	0
Kansas												
Public												
Kansas State U.	0	0	0	0	8,555	1,503	7,955	4,875	7,692	3,505	28,700	0
Pittsburg State U.	0	0	2,546	4,475	0	0	0	0	0	0	0	0
U. Kansas	2,976	4,154	55,252	6,053	6,834	5,099	4,318	3,753	6,907	1,173	0	0
Wichita State U.	0	0	588	9,253	1,054	0	1,486	952	5,579	800	0	0
Kentucky												
Public												
Kentucky State U.	0	0	12,368	2,000	0	1,086	6,500	2,900	770	542	0	0

**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Morehead State U.	0	0	0	0	0	0	0	0	0	0	0	0
Murray State U.	321	887	1,012	532	500	3,800	0	6,000	0	28,200	0	0
Northern Kentucky U.	0	0	0	0	0	4,098	0	0	0	2,482	0	0
U. Kentucky	16,925	11,376	32,912	8,292	3,322	2,492	1,776	3,459	40,659	10,600	111,715	68,912
U. Louisville	2,674	8,700	1,025	13,673	3,591	3,696	961	5,487	10,391	18,081	6,455	0
Western Kentucky U.	0	2,773	5,701	1,324	0	0	6,000	0	537	0	0	0
Louisiana												
Public												
Grambling State U.	ne	ne	ne	0	0	0	0	ne	0	0	0	0
Louisiana State U., Baton Rouge	0	23,417	265	5,312	76,878	11,341	3,942	6,507	7,113	37,374	0	0
Louisiana State U., Health Sciences Center, New Orleans	6,800	6,038	9,507	3,026	3,170	970	703	2,545	7,235	94,000	33,230	65,428
Louisiana State U., Health Sciences Center, Shreveport	ne	0	0	0	450	0	818	1,618	7,388	18,000	15,750	0
Louisiana Tech U.	0	3,000	0	462	0	0	0	0	0	980	0	0
Northwestern State U. Louisiana	ne	0	0	0	ne	0	0	0	0	0	750	0
Southeastern Louisiana U.	4,205	0	0	0	0	0	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	ne	ne	ne	0	0	0	2,124	2,020	1,209	3,215	0	7,000
Southern U. and A&M C., Baton Rouge	0	0	0	1,244	1,350	1,244	0	0	0	6,000	0	6,000
Southern U., New Orleans	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Louisiana, Lafayette	0	0	754	0	2,696	2,835	3,850	3,758	10,079	2,841	0	0
U. Louisiana, Monroe	3,768	0	3,694	1,130	1,130	0	0	0	0	30,000	0	0
U. New Orleans	0	2,326	0	0	0	0	300	700	334	1,061	0	876
Private												
Dillard U.	ne	0	500	2,062	1,870	2,050	4,310	5,400	0	0	500	0
Tulane U.	3,350	12,399	4,635	13,746	6,828	3,367	6,185	22,101	27,937	44,677	0	0
Xavier U. Louisiana	0	0	2,281	1,253	0	0	0	0	2,423	0	0	0
Maine												
Public												
U. Maine	0	0	3,690	0	0	0	0	2,900	0	15,100	0	0
U. Maine, Farmington	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Southern Maine	0	0	0	761	330	0	0	0	2,750	0	0	0
Private												
Bates C.	1,154	ne	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	NA	NA	NA	0	705	0	0	371	515	0	0	0







TABLE 22

**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Minnesota State U., Mankato	ne	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Duluth	na	na	0	0	368	0	0	1,369	0	0	3,144	0
U. Minnesota, Twin Cities	na	na	13,969	22,960	19,590	38,401	25,425	75,961	60,406	7,510	0	0
Private												
Carleton C.	807	710	1,475	889	0	0	0	22,269	1,159	0	0	0
Macalester C.	0	0	0	0	260	0	0	0	0	0	0	0
St. Olaf C.	ne	250	0	0	0	0	ne	ne	0	0	0	0
U. of St. Thomas (MN)	ne	ne	NA	ne	ne	ne	0	0	0	0	0	0
Mississippi												
Public												
Alcorn State U.	13,000	0	0	0	0	1,055	3,655	0	0	0	0	0
Jackson State U.	NA	0	0	0	0	0	0	0	0	1,842	0	0
Mississippi State U.	2,419	8,936	2,260	2,300	1,110	0	1,865	1,600	1,488	2,500	0	0
U. Mississippi	3,000	9,790	1,855	762	616	1,600	452	0	4,050	600	0	0
U. Southern Mississippi	0	0	270	0	0	0	0	1,300	1,363	0	0	3,968
Private												
Tougaloo C.	ne	0	0	0	0	0	0	0	0	0	0	0
Missouri												
Public												
Lincoln U., Jefferson City	0	0	312	0	0	0	0	0	0	2,400	250	0
Missouri State U.	12,000	6,150	1,400	0	0	0	799	0	0	0	0	2,255
Missouri U. of Science and Technology	914	694	6,452	7,152	461	18,076	8,971	2,744	7,201	36,900	13,503	0
U. Missouri, Columbia	8,363	31,501	13,716	2,328	6,126	50,724	16,300	13,761	72,574	5,214	0	0
U. Missouri, Kansas City	1,072	10,257	1,200	0	2,137	3,210	22,620	0	6,297	0	0	0
U. Missouri, Saint Louis	5,250	0	0	0	0	0	1,391	2,339	0	2,709	0	9,710
Private												
Saint Louis U.	5,496	2,200	2,526	3,289	5,710	4,667	41,518	10,416	12,257	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	ne	ne	ne	ne	ne	ne	ne	1,200	0	0	0	600
Washington U., Saint Louis	41,794	21,752	38,684	52,541	21,383	83,593	48,553	41,249	36,777	82,756	12,000	0
Montana												
Public												
Montana State U., Bozeman	2,583	2,100	18,489	0	0	0	0	0	0	0	0	0
Montana Technological U.	0	0	0	0	0	250	550	0	0	0	0	0

**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
U. Montana, Missoula	965	447	263	3,283	2,250	2,750	1,090	1,142	0	0	0	0
Nebraska												
Public												
U. Nebraska, Kearney	ne	ne	NA	ne	0	0	0	997	0	0	0	0
U. Nebraska, Lincoln and Medical Center <sup>f</sup>	na	na	na	na	na	na	na	na	23,872	3,061	0	159,839
U. Nebraska, Omaha	0	0	692	7,267	0	0	0	0	7,324	270	0	973
Private												
Creighton U.	6,263	3,975	1,107	597	0	6,470	3,582	13,573	400	3,436	0	0
Nevada												
Public												
Desert Research Institute	468	0	784	0	0	0	520	250	473	5,075	6,419	0
Nevada State C.	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Nevada, Las Vegas	0	962	4,461	1,080	293	0	9,259	4,820	2,263	5,716	0	85,000
U. Nevada, Reno	3,351	3,390	1,326	282	760	5,464	3,353	10,296	1,769	4,138	0	0
Private												
Roseman U. of Health Sciences	ne	ne	ne	ne	3,277	0	0	0	0	0	0	0
New Hampshire												
Public												
U. New Hampshire	403	0	11,190	2,512	755	2,870	36,050	1,200	1,290	22,500	600	22,000
Private												
Dartmouth C.	NA	3,898	1,617	3,713	6,033	20,134	288	6,523	17,628	14,077	3,000	0
New Jersey												
Public												
C. New Jersey	NA	ne	ne	ne	ne	0	ne	0	0	16,000	0	11,000
Kean U.	ne	ne	ne	0	ne	ne	ne	0	0	0	0	0
Montclair State U.	NA	4,450	0	0	2,580	0	0	3,850	1,100	0	0	0
New Jersey Institute of Technology	0	1,800	0	0	7,676	4,259	6,883	10,933	9,427	17,500	0	1,571
Rowan U.	250	2,035	0	4,460	0	8,000	8,929	1,379	14,928	2,534	0	0
Rutgers, State U. New Jersey, Camden	na	na	500	0	0	4,144	1,100	500	0	0	6,535	0
Rutgers, State U. New Jersey, New Brunswick <sup>g</sup>	na	na	16,613	10,030	57,473	70,060	33,612	204,073	7,334	35,400	556,174	0
Rutgers, State U. New Jersey, Newark	na	na	3,522	581	1,202	250	300	1,100	1,197	22,000	95,142	0
Stockton U.	ne	ne	ne	ne	0	ne	0	500	500	0	0	0
William Paterson U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0

TABLE 22

## Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
Private													
Monmouth U.	0	0	0	ne	ne	ne	0	0	0	0	0	0	0
Princeton U.	16,306	20,561	67,520	43,548	83,236	44,656	69,966	54,207	57,153	56,239	0	0	0
Seton Hall U.	0	656	0	ne	ne	ne	ne	ne	0	0	0	0	0
Stevens Institute of Technology	1,000	750	500	0	542	5,573	3,961	1,478	13,463	3,255	0	3,995	0
New Mexico													
Public													
New Mexico Highlands U.	0	0	300	0	ne	0	ne	0	0	0	0	0	0
New Mexico Institute of Mining and Technology	0	2,500	0	0	0	0	0	12,568	0	0	0	0	0
New Mexico State U.	1,830	4,106	294	1,148	0	18,503	1,042	0	0	0	0	0	0
U. New Mexico	8,473	5,510	5,208	0	22,576	26,372	6,275	1,500	1,711	4,297	0	11,849	0
New York													
Public													
CUNY, Advanced Science Research Center	ne	ne	ne	ne	ne	2,000	4,000	4,500	7,500	4,250	0	1,000	0
CUNY, Baruch C.	0	0	0	0	ne	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	0	2,601	5,830	0	0	0	42,000	0	360	78,000	0	0	0
CUNY, C. Staten Island	0	17,000	17,000	2,400	1,000	0	0	0	0	2,881	0	0	0
CUNY, City C.	24,585	1,750	7,700	0	0	44,000	0	0	0	0	0	0	0
CUNY, Graduate Center	0	0	0	0	0	0	0	4,500	4,500	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	ne	ne	ne	ne	ne	ne	0	0	1,455	0	0	0	0
CUNY, Hunter C.	600	2,200	500	500	0	550	0	3,433	0	12,000	0	0	0
CUNY, John Jay C. of Criminal Justice	ne	NA	0	0	1,050	0	0	0	0	0	0	0	0
CUNY, Lehman C.	519	0	0	0	250	0	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
CUNY, Queens C.	0	1,100	0	1,500	30,400	336	1,395	1,395	18,823	1,900	0	0	0
CUNY, York C.	0	0	ne	0	ne	ne	0	2,568	0	0	0	0	0
SUNY, Binghamton U.	4,581	18,880	7,034	3,999	810	7,491	7,816	10,088	6,000	12,000	0	2,800	0
SUNY, Buffalo State	0	0	0	0	0	0	0	0	3,022	0	0	0	0
SUNY, C. Brockport	ne	ne	ne	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	13,008	320	2,916	1,078	594	30,000	0	0	0	0
SUNY, C. of Optometry	0	0	2,815	2,573	0	0	1,000	1,000	1,000	0	0	0	0
SUNY, C. Plattsburgh	0	ne	5,678	ne	0	0	0	0	0	0	0	0	0
SUNY, Cobleskill	ne	ne	0	0	ne	ne	ne	ne	0	0	0	0	0

TABLE 22

## Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
SUNY, Downstate Health Sciences U.	275	21,185	28,250	0	5,350	2,000	20,000	0	1,225	0	26,000	0
SUNY, Geneseo	14,453	15,062	0	25,000	ne	0	0	3,646	0	0	0	0
SUNY, Oswego	0	0	ne	12,799	ne	0	675	0	0	0	0	0
SUNY, Polytechnic Institute	ne	ne	ne	ne	3,076	36,077	25,056	1,031	0	0	0	0
SUNY, Stony Brook U.	17,845	12,157	27,461	23,825	23,985	27,315	35,483	33,732	85,000	135,421	0	448,677
SUNY, U. Albany <sup>h</sup>	15,552	46,500	126,960	7,100	2,832	4,438	6,860	30,706	33,666	104,117	277,683	0
SUNY, U. Buffalo	2,351	3,154	25,280	9,518	5,231	13,917	10,591	8,732	12,376	13,347	302,000	0
SUNY, Upstate Medical U.	29,902	19,622	6,520	2,556	6,575	0	1,091	7,304	43,324	25,000	0	0
Private												
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	271	0	0	0	0	0	0
Albany Medical C.	650	2,066	0	0	0	3,935	0	0	0	0	0	0
Albert Einstein C. of Medicine	ne	ne	ne	ne	ne	2,597	12,214	3,828	10,090	31,157	0	7,000
Alfred U.	0	1,723	4,272	0	1,705	0	0	0	13,087	1,820	0	0
Barnard C.	314	0	2,363	0	0	0	0	0	210,000	0	0	0
Canisius U.	ne	ne	ne	ne	ne	0	0	0	0	0	0	0
Clarkson U. <sup>i</sup>	0	0	0	750	0	0	767	0	0	0	0	0
Cold Spring Harbor Laboratory	ne	ne	ne	0	5,477	6,377	34,500	5,100	2,318	1,042	32,350	0
Colgate U.	0	673	0	2,465	4,400	5,600	1,900	0	1,400	0	0	0
Columbia U. in the City of New York	31,504	16,023	5,834	34,498	0	58,570	166,803	31,199	50,225	0	0	0
Cornell U.	78,500	118,226	48,098	43,753	91,213	93,290	188,390	132,163	207,466	179,759	4,000	0
Fordham U.	1,100	0	4,100	6,000	1,200	550	1,000	1,000	1,000	1,000	0	9,000
Hobart and William Smith Colleges	ne	0	0	0	0	ne	0	0	0	0	0	4,820
Hofstra U.	ne	ne	1,404	3,700	6,950	297	3,031	ne	0	500	750	0
Icahn School of Medicine at Mount Sinai	47,000	27,000	48,000	11,600	12,700	30,900	31,000	59,000	62,500	16,000	0	0
Long Island U.	NA	NA	NA	0	ne	ne	7,334	15,480	0	2,450	0	0
Manhattan C.	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	ne	ne	ne	0	0	0	0	0	0	725	0	0
New School	0	250	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	1,200	0	0	372	3,881	0	2,001	0	918	2,900	0	0
New York Medical C.	0	348	1,117	857	500	0	0	0	12,500	0	0	0
New York U. <sup>g</sup>	120,559	22,945	19,020	33,765	188,503	159,226	151,783	276,780	119,337	49,362	4,000	0
Pace U.	ne	7,375	0	1,200	0	1,538	0	0	0	0	0	0



**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
North Dakota State U.	0	326	8,645	0	1,796	963	383	2,844	0	0	5,000	0
U. North Dakota	0	0	0	0	1,450	2,120	380	687	11,110	0	0	0
Private												
United Tribes Technical C.	ne	ne	ne	ne	ne	ne	ne	ne	4,000	0	0	0
Ohio												
Public												
Bowling Green State U.	0	2,215	1,864	1,998	4,803	3,104	13,816	1,500	0	706	0	38,090
Central State U.	0	250	0	0	0	0	0	2,600	2,512	0	0	0
Cleveland State U.	0	6,220	1,750	0	658	0	815	1,701	0	21,000	0	0
Kent State U.	NA	0	330	13,000	54,571	2,000	678	3,680	1,875	3,325	0	0
Miami U.	5,175	10,727	250	18,800	25,270	50,228	64,344	0	156,250	1,200	0	0
Northeast Ohio Medical U.	0	0	0	0	0	704	2,111	4,369	0	0	2,000	0
Ohio State U.	5,349	2,884	15,555	75,433	13,667	30,234	185,704	2,122	13,590	67,057	0	0
Ohio U.	0	2,829	13,783	8,888	7,130	359	0	6,850	12,841	282	0	30,787
U. Akron	NA	NA	7,217	0	2,400	3,534	0	0	24,090	0	0	0
U. Cincinnati	1,884	0	26,408	27,609	26,132	5,111	29,669	13,735	3,175	157,547	76,794	33,938
U. Toledo	10,598	7,025	1,563	6,838	2,105	3,986	3,846	1,832	4,125	6,831	489	32,655
Wright State U.	3,914	6,625	900	6,114	1,000	3,165	330	1,800	1,750	0	0	0
Youngstown State U.	0	0	0	0	0	0	7,000	0	0	0	0	0
Private												
C. Wooster	ne	ne	ne	ne	0	0	0	ne	0	0	0	0
Case Western Reserve U.	23,430	3,520	2,412	5,897	2,497	2,497	2,507	2,283	111,735	5,245	0	0
Heidelberg U.	ne	ne	ne	0	0	0	0	0	0	0	0	0
Kenyon C.	ne	ne	ne	ne	ne	ne	2,115	ne	0	0	0	0
U. Dayton	1,000	2,351	3,255	13,768	4,160	9,918	8,319	1,896	3,582	4,999	0	0
Oklahoma												
Public												
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	na	na	1,200	0	0	0	0	15,341	16,400	0	0	0
Oklahoma State U., Stillwater	na	na	0	0	0	2,544	0	0	0	4,000	0	0
U. Central Oklahoma	ne	ne	833	ne	0	0	0	1,223	1,226	0	0	0
U. Oklahoma, Norman and Health Science Center	3,325	517	3,692	16,748	26,578	142,552	27,500	20,000	8,500	2,250	0	0
U. Oklahoma, Tulsa	ne	ne	ne	ne	ne	0	0	0	0	581	0	0



**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
Private													
U. Tulsa	250	0	0	0	3,000	0	0	0	0	0	0	0	0
Oregon													
Public													
Oregon Health and Science U.	12,450	38,300	24,674	4,675	12,042	13,357	22,260	45,293	9,391	28,310	0	50,065	
Oregon Institute of Technology	0	0	ne	ne	0	50,200	11,700	4,362	1,513	0	0	0	
Oregon State U.	8,000	20,952	17,042	5,600	2,750	11,250	4,100	183,870	31,700	204,000	10,500	0	
Portland State U.	925	6,534	0	0	0	410	0	14,497	0	541	1,350	0	
U. Oregon	2,133	1,539	3,943	22,919	3,342	10,468	6,773	9,650	7,610	6,370	0	0	
Private													
Lewis and Clark C.	ne	0	260	0	0	0	0	0	0	0	0	0	
National U. of Natural Medicine	ne	ne	ne	ne	ne	0	0	0	0	0	0	0	
Pacific U.	ne	ne	0	ne	0 i	0 i	0	0	0	0	0	0	
Reed C.	0	0	0	0	0	750	0	0	4,941	0	0	0	
Willamette U.	ne	ne	0	0	282	0	0	ne	0	0	0	0	
Pennsylvania													
Public													
Indiana U. Pennsylvania	ne	ne	ne	ne	ne	ne	0	0	0	0	0	0	
Pennsylvania State U., Altoona	ne	ne	ne	ne	ne	ne	ne	ne	350	800	0	0	
Pennsylvania State U., Behrend	na	na	4,364	571	0	0	0	557	0	0	0	0	
Pennsylvania State U., Harrisburg	na	na	2,600	1,050	2,500	250	0	0	0	0	0	0	
Pennsylvania State U., University Park and Hershey Medical Center	na	na	29,871	34,842	33,881	32,900	16,800	29,062	62,854	26,850	16,500	55,500	
Temple U.	19,900	3,700	11,745 i	0	27,589	14,349	0 i	0 i	0	0	0	0	
U. Pittsburgh, Pittsburgh	NA	56,880	111,565	11,763	54,685	38,875	108,370	45,413	71,665	90,664	0	0	
West Chester U. Pennsylvania	ne	0	0	0 i	0	2,000	0	0	0 i	0 i	0 i	0 i	
Private													
Bryn Mawr C.	0	3,106	0	1,310	1,240	0	0	4,522	3,457	2,083	0	0	
Bucknell U.	NA	0	0	0	0	2,750	2,354	0	0	4,670	3,700	0	
Carnegie Mellon U.	20,197	14,677	5,192	7,115	19,983	20,898	11,479	7,920	20,638	8,173	35,059	0	
Drexel U.	NA	1,600	346	6,012	13,093	16,572	17,278	978	1,207	2,800	4,419	0	
Duquesne U.	0	0	800	9,288	6,082	2,149	991	1,100	3,500	3,460	0	0	
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	
Haverford C.	ne	0	0	0	0	12,825	345	0	540	500	0	0	





**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects	
											Included in institutional plan	Not included in institutional plan
Texas A&M U.-Corpus Christi	0	0	0	0	0	0	1,642	0	652	3,500	2,000	0
Texas A&M U.-Kingsville	2,268	0	1,311	0	0	3,287	0	0	0	0	0	0
Texas A&M U.-San Antonio	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
Texas Southern U.	0	0	0	0	1,266	0	0	2,344	0	0	0	0
Texas State U.	0	926	0	0	3,018	1,400	3,600	1,909	1,866	0	0	0
Texas Tech U.	610	13,300	0	9,299	16,559	32,783	5,371	3,337	11,071	4,881	0	0
Texas Tech U., Health Sciences Center <sup>m</sup>	0	3,212	9,329	3,021	4,329	3,156	0	3,972	2,343	26,000	0	0
Texas Tech U., Health Sciences Center, El Paso	na	na	na	na	821	0	0	0	0	0	450	0
Texas Woman's U.	0	0	0	0	0	0	0	0	16,500	0	0	0
U. Houston	8,240	3,904	0	400	1,590	8,471	19,473	6,979	9,085	2,500	7,463	0
U. Houston-Clear Lake	ne	ne	ne	0	0	0	0	0	0	10,000	0	0
U. North Texas, Denton	NA	6,708	9,420	18,668	20,143	1,680	10,068	6,268	18,410	7,430	0	0
U. North Texas, Health Science Center	0	3,300	10,948	4,211	6,972	656	6,800	20,240	12,494	22,680	0	0
U. Texas Health Science Center, Houston	0	2,898	4,054	4,777	16,600	7,232	87,527	3,218	60,956	30,000	2,000	0
U. Texas Health Science Center, San Antonio	5,548	13,753	5,278	29,053	8,448	857	8,200	8,374	59,200	28,000	7,000	0
U. Texas Health Science Center, Tyler	ne	ne	ne	ne	ne	1,956	2,853	4,541	326	2,400	0	0
U. Texas M. D. Anderson Cancer Center	444,323	16,424	63,091	13,025	18,686	157,386	17,057	29,306	45,629	53,516	0	0
U. Texas Medical Branch	1,078	26,659	0	9,191	3,271	1,489	11,389	3,063	19,382	54,917	1,377	0
U. Texas of the Permian Basin	ne	0	0	ne	0	0	ne	ne	0	0	0	0
U. Texas Rio Grande Valley	na	na	na	na	na	7,900	357	1,141	0	1,250	1,447	0
U. Texas Southwestern Medical Center	29,375	34,926	74,493	45,569	24,135	25,965	24,587	18,750	121,200	40,000	8,748	10,995
U. Texas, Arlington	406	1,378	525	5,263	3,987	7,531	282	765	1,726	0	0	0
U. Texas, Austin	5,655	13,704	20,171	8,397	10,287	188,884	136,006	91,945	50,219	459,919	127,204	872,434
U. Texas, Dallas	17,431	13,000	10,938	4,287	5,616	5,500	6,478	858	0	0	0	0
U. Texas, El Paso	3,363	34,162	9,000	5,600	1,500	3,147	345	639	1,575	0	0	0
U. Texas, San Antonio	407	1,562	1,245	4,070	2,376	1,689	1,752	330	0	0	0	0
U. Texas, Tyler	ne	0	0	0	0	0	1,499	0	0	0	0	0
West Texas A&M U.	3,466	3,000	3,137	0	1,037	0	0	1,923	0	0	0	0
Private												
Abilene Christian U.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Baylor C. of Medicine	10,375	560	5,998	4,250	17,060	2,006	6,252	5,300	2,048	6,000	0	0
Baylor U.	978	2,312	3,879	26,509	4,099	6,815	3,931	7,340	12,559	2,920	0	0
Rice U.	7,496	2,025	6,711	6,018	2,344	29,650	21,350	16,762	34,776	4,134	0	0





**TABLE 22**  
**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–25**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Started in FY 2022 or FY 2023	Planned to start in FY 2024 or FY 2025	Deferred projects		
											Included in institutional plan	Not included in institutional plan	
U. Wisconsin-Superior	0	NA	0	0	i	ne	ne	0	i	0	i	0	i
Private													
Marquette U.	7,000	281	503	680	0	1,095	8,269	0	0	0	0	0	0
Medical C. Wisconsin	500	16,711	13,720	549	800	0	21,100	9,900	25,470	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Northland C.	ne	ne	ne	ne	ne	ne	ne	0	i	0	0	0	0
Wyoming													
Public													
U. Wyoming	1,550	803	8,688	1,677	1,337	12,550	7,405	4,912	15,304	8,050	0	0	0
Guam													
Public													
U. Guam	0	0	900	0	0	250	12,000	300	950	700	1,000	680	0
Puerto Rico													
Public													
U. Puerto Rico, Cayey	ne	0	ne	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	ne	2,337	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	0	0	0	0	0	1,569	250	0	6,489	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	NA	356	1,242	2,475	0	0	0	0	5,338	1,000	0	0	0
U. Puerto Rico, Ponce	ne	ne	ne	ne	ne	ne	ne	ne	0	0	0	0	0
U. Puerto Rico, Rio Piedras	0	720	0	1,150	0	0	0	0	390	0	0	0	0
Private													
U. Ana G. Mendez, Gurabo	ne	ne	5,725	ne	0	0	0	0	0	0	0	0	0
U. Central del Caribe	NA	1,000	0	0	0	0	0	0	0	1,663	0	0	0
Virgin Islands													
Public													
U. of the Virgin Islands	0	299	704	900	354	0	0	2,736	0	0	i	0	i

i = imputed. na = not applicable; institution did not exist or did not exist as a separate entity. NA = not available; institution did not provide data, and data were not imputed. ne = not eligible; institution did not meet the criteria for inclusion.

<sup>a</sup> Prior to FY 2020, Claremont McKenna College was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2020, affiliated institutions were surveyed separately; data for FY 2020 and beyond describe characteristics of the single institution.

<sup>b</sup> Prior to FY 2022, University of Colorado Anschutz Medical Center was surveyed together with University of Colorado Denver; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2022, the University of Colorado Denver and University of Colorado Anschutz Medical Center were surveyed separately; data for FY 2022 and beyond describe characteristics of the single institution.

<sup>c</sup> From FY 2010 through FY 2019, University of South Florida and its affiliated institutions were surveyed separately; data for those years describe characteristics of the single institution.

<sup>d</sup> Prior to FY 2018, Purdue University Fort Wayne was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2018, affiliated institutions were surveyed separately; data for FY 2018 and beyond describe characteristics of the single institution.

<sup>e</sup> The University of Maryland includes the University of Maryland Baltimore and University of Maryland College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported separately and were included in these tables as separate institutions.

<sup>f</sup> Beginning in FY 2023, the University of Nebraska Lincoln and University of Nebraska Medical Center campuses reported together. Prior to FY 2023, both campuses reported separately and were included in these tables as separate institutions.

<sup>g</sup> Prior to FY 2014, Rutgers University–New Brunswick and New York University were each surveyed separately; data for those survey years describe characteristics of the individual institutions. Beginning in FY 2014, the institutions were surveyed together with their respective affiliated institutions; data for FY 2014 and beyond describe characteristics of the groups of institutions.

<sup>h</sup> Prior to FY 2012, the State University of New York at Albany and the University of Tennessee Knoxville were surveyed together with their respective affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2012, affiliated institutions were surveyed separately; data for FY 2012 and beyond describe characteristics of the individual institutions.

<sup>i</sup> Prior to FY 2016, Clarkson University was surveyed separately; data for those survey years describe characteristics of the single institution. Beginning in FY 2016, the institution was surveyed together with other affiliated institutions; data for FY 2016 and beyond describe characteristics of the group of institutions.

<sup>j</sup> Prior to FY 2016, Yeshiva University was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2016, affiliated institutions were surveyed separately; data for FY 2016 and beyond describe characteristics of the single institution.

<sup>k</sup> Prior to FY 2022, Saint Joseph's University was surveyed separately; data for those survey years describe characteristics of the single institution. Beginning in FY 2022, the institution was surveyed together with other affiliated institutions; data for FY 2022 and beyond describe characteristics of the group of institutions.

<sup>l</sup> Data reported for the Vanderbilt University Medical Center are for the Vanderbilt School of Medicine.

<sup>m</sup> Prior to FY 2014, Texas Tech University Health Sciences Center was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2014, affiliated institutions were surveyed separately; data for FY 2014 and beyond describe characteristics of the single institution.

<sup>n</sup> Prior to FY 2019, Eastern Virginia Medical School was designated as a private institution.

<sup>o</sup> Prior to FY 2010, University of Virginia Charlottesville was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2010, affiliated institutions were surveyed separately; data for FY 2010 and beyond describe characteristics of the single institution.

**Note(s):**

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.



TABLE 23

**Academic institutions with science and engineering repair and renovation or new construction projects, by type of institution: Started in FY 2022 or FY 2023**

(Number and percent)

Type of institution	All institutions (number)	Institutions with repair and renovation projects		Institutions with new construction projects	
		Number	Percent	Number	Percent
All institutions	602	307	51	120	20
Doctorate granting	449	268	60	106	24
Public	309	180	58	80	26
Private	140	88	63	26	19
Nondoctorate granting	153	39	25	14	9
Medical schools <sup>a</sup>	160	98	61	19	12

<sup>a</sup> Medical schools are listed separately and are also included in individual institution totals.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 24

**Source of funds for new construction of science and engineering research space in academic institutions, by type of institution: FY 2022 or FY 2023**

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State and local	
All institutions	7,261.1	99.1	1,400.6	5,761.5
Doctorate granting	7,019.1	77.9	1,364.2	5,576.9
Public	4,271.8	64.1	1,354.2	2,853.5
Private	2,747.3	13.8	10.0	2,723.5
Nondoctorate granting	242.0	21.2	36.4	184.5

<sup>a</sup> Institutional funds and other sources includes an institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 25

**Source of funds for repair and renovation of science and engineering research space in academic institutions, by type of institution: FY 2022 or FY 2023**

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State and local	
All institutions	6,555.6	198.4	1,184.0	5,173.2
Doctorate granting	6,171.1	189.1	1,080.6	4,901.4
Public	3,440.1	151.6	1,050.4	2,238.0
Private	2,731.0	37.5	30.2	2,663.4
Nondoctorate granting	384.5	9.3	103.4	271.8

<sup>a</sup> Institutional funds and other sources includes an institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

**Note(s):**

Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

TABLE 26

**Source of funds for new construction of science and engineering research space in academic institutions, by year of project start and type of institution: FYs 1986–2023**

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State and local	
FYs 1986–87	2,050.6	145.4	779.1	1,126.1
Doctorate granting	1,887.7	129.9	690.4	1,067.4
Nondoctorate granting	162.9	15.5	88.7	58.7
FYs 1988–89	2,464.5	352.0	890.7	1,221.8
Doctorate granting	2,315.0	339.0	807.3	1,168.7
Nondoctorate granting	149.5	13.0	83.4	53.1
FYs 1990–91	2,975.6	476.3	956.6	1,542.7
Doctorate granting	2,847.3	465.5	947.9	1,433.9
Nondoctorate granting	128.4	10.8	8.7	108.9
FYs 1992–93	2,810.8	459.3	968.0	1,383.5
Doctorate granting	2,720.0	452.0	893.0	1,375.0
Nondoctorate granting	91.8	7.3	75.0	9.5
FYs 1994–95	2,767.6	206.5	1,180.8	1,380.3
Doctorate granting	2,436.9	201.2	890.4	1,345.3
Nondoctorate granting	330.6	5.2	290.5	34.9
FYs 1996–97	3,110.3	270.9	966.6	1,872.8
Doctorate granting	2,843.2	268.3	880.6	1,694.3
Nondoctorate granting	267.1	2.5	86.0	178.6
FYs 1998–99	2,765.4	237.8	939.0	1,588.5
Doctorate granting	2,562.5	206.0	869.1	1,487.4
Nondoctorate granting	202.9	31.8	69.9	101.1
FYs 2002–03	7,388.7	351.3	2,364.5	4,672.9
Doctorate granting	7,185.2	318.5	2,301.4	4,565.3
Nondoctorate granting	203.5	32.8	63.1	107.6
FYs 2004–05	6,030.3	450.2	1,341.6	4,238.5
Doctorate granting	5,767.3	417.1	1,204.8	4,145.5
Nondoctorate granting	263.0	33.1	136.9	93.1
FYs 2006–07	5,923.5	360.9	1,880.7	3,681.8
Doctorate granting	5,681.3	357.6	1,764.6	3,559.1
Nondoctorate granting	242.2	3.3	116.1	122.7
FYs 2008–09	7,336.0	212.0	2,679.8	4,444.1
Doctorate granting	7,012.4	201.8	2,498.5	4,312.0
Nondoctorate granting	323.6	10.2	181.3	132.1
FYs 2010–11	6,396.2	486.6	1,941.2	3,968.4
Doctorate granting	6,227.7	479.5	1,860.4	3,887.9
Nondoctorate granting	168.5	7.1	80.9	80.5
FYs 2012–13	5,432.5	313.5	1,437.8	3,681.2
Doctorate granting	5,211.1	306.8	1,328.7	3,575.6
Nondoctorate granting	221.4	6.7	109.1	105.6
FYs 2014–15	5,679.5	905.3	1,133.1	3,641.2
Doctorate granting	5,514.8	900.2	1,054.6	3,560.0
Nondoctorate granting	164.7	5.1	78.4	81.2
FYs 2016–17	5,929.3	40.4	1,598.1	4,290.9
Doctorate granting	5,752.9	36.7	1,562.3	4,154.0
Nondoctorate granting	176.4	3.7	35.8	136.9
FYs 2018–19	5,138.7	146.8	1,111.4	3,880.5
Doctorate granting	4,778.5	146.8	1,026.0	3,605.7
Nondoctorate granting	360.2	0.0	85.4	274.8
FYs 2020–21	4,492.6	38.8	964.2	3,489.5

TABLE 26

**Source of funds for new construction of science and engineering research space in academic institutions, by year of project start and type of institution: FYs 1986–2023**

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State and local	
Doctorate granting	4,341.7	35.6	960.8	3,345.2
Nondoctorate granting	150.9	3.2	3.4	144.2
FYs 2022–23	7,261.1	99.1	1,400.6	5,761.5
Doctorate granting	7,019.1	77.9	1,364.2	5,576.9
Nondoctorate granting	242.0	21.2	36.4	184.5

<sup>a</sup> Institutional funds and other sources includes an institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

**Note(s):**

Details may not add to totals due to rounding. The question on construction costs was not asked for FYs 2000–01; therefore, no data are reported here. Only construction projects costing over \$250,000 for a single field were reported for FYs 2002–23; construction projects costing over \$100,000 were reported in previous cycles.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 27

**Source of funds for repair and renovation of science and engineering research space in academic institutions, by year of project start and type of institution: FYs 1986–2023**

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State and local	
FYs 1986–87	837.9	27.3	233.1	577.5
Doctorate granting	792.7	23.5	201.7	567.5
Nondoctorate granting	45.2	3.7	31.4	10.1
FYs 1988–89	1,009.5	61.1	233.8	714.6
Doctorate granting	979.2	55.9	226.6	696.7
Nondoctorate granting	30.3	5.1	7.1	18.1
FYs 1990–91	825.7	49.0	243.0	533.7
Doctorate granting	794.1	48.3	227.3	518.5
Nondoctorate granting	31.6	0.7	15.8	15.1
FYs 1992–93	835.4	56.2	252.4	526.8
Doctorate granting	803.0	47.0	244.0	512.0
Nondoctorate granting	32.4	9.2	8.4	14.8
FYs 1994–95	1,058.1	110.7	265.5	681.9
Doctorate granting	981.3	101.9	233.0	646.4
Nondoctorate granting	76.8	8.8	32.6	35.4
FYs 1996–97	1,324.5	120.8	338.1	865.6
Doctorate granting	1,142.2	96.1	273.2	772.9
Nondoctorate granting	182.3	24.7	64.9	92.7
FYs 1998–99	1,665.2	68.4	476.2	1,120.6
Doctorate granting	1,576.3	61.1	446.7	1,068.5
Nondoctorate granting	88.9	7.3	29.5	52.1
FYs 2002–03	2,211.8	136.9	497.8	1,577.2
Doctorate granting	2,087.3	111.9	463.9	1,511.4
Nondoctorate granting	124.6	25.0	33.9	65.7
FYs 2004–05	2,445.9	121.5	544.9	1,779.5
Doctorate granting	2,385.1	116.5	526.8	1,741.8
Nondoctorate granting	60.8	5.0	18.1	37.7
FYs 2006–07	3,361.6	133.8	657.0	2,570.8
Doctorate granting	3,276.2	126.8	609.4	2,540.0
Nondoctorate granting	85.4	6.9	47.7	30.8
FYs 2008–09	3,015.8	74.2	746.5	2,195.1
Doctorate granting	2,920.8	68.8	717.4	2,134.6
Nondoctorate granting	95.0	5.4	29.0	60.5
FYs 2010–11	3,508.9	270.9	854.5	2,383.5
Doctorate granting	3,377.8	236.4	797.1	2,344.3
Nondoctorate granting	131.1	34.4	57.4	39.2
FYs 2012–13	3,746.7	264.8	566.9	2,915.0
Doctorate granting	3,559.5	254.4	461.5	2,843.6
Nondoctorate granting	187.1	10.4	105.4	71.4
FYs 2014–15	4,133.4	61.7	502.8	3,569.0
Doctorate granting	4,043.9	58.0	458.5	3,527.4
Nondoctorate granting	89.5	3.7	44.3	41.5
FYs 2016–17	5,079.5	33.1	1,028.6	4,017.9
Doctorate granting	4,910.2	24.6	968.9	3,916.7
Nondoctorate granting	169.3	8.5	59.7	101.1
FYs 2018–19	5,483.4	73.7	971.8	4,437.9
Doctorate granting	5,241.4	41.0	912.0	4,288.4
Nondoctorate granting	242.0	32.7	59.8	149.5
FYs 2020–21	4,902.6	104.7	857.6	3,940.3

TABLE 27

**Source of funds for repair and renovation of science and engineering research space in academic institutions, by year of project start and type of institution: FYs 1986–2023**

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State and local	
Doctorate granting	4,738.0	90.6	772.1	3,875.2
Nondoctorate granting	164.6	14.0	85.4	65.1
FYs 2022–23	6,555.6	198.4	1,184.0	5,173.2
Doctorate granting	6,171.1	189.1	1,080.6	4,901.4
Nondoctorate granting	384.5	9.3	103.4	271.8

<sup>a</sup> Institutional funds and other sources includes an institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

**Note(s):**

Details may not add to totals due to rounding. The question on repair and renovation costs was not asked for FYs 2000–01; therefore, no data are reported here. Only repair and renovation projects costing over \$250,000 for a single field were reported for FYs 2002–23; repair and renovation projects costing over \$100,000 were reported in previous cycles. Data in this table, which relies on source of funds, may not match data in tables 18 and 19, which utilize repair and renovation project costs, a separate set of survey variables.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 28

**Estimated costs of deferred projects to construct or repair and renovate science and engineering research space in academic institutions, by field and type of project: FY 2023**

(Costs in millions of dollars)

Field	All costs	Included in institutional plans		Not included in institutional plans	
		Construct	Repair or renovate	Construct	Repair or renovate
All research space	28,290.7	12,253.4	9,389.5	1,419.3	5,228.4
Agricultural sciences	1,711.5	914.0	532.6	63.8	201.1
Biological and biomedical sciences	5,638.3	2,002.5	2,279.4	178.5	1,177.9
Computer and information sciences	714.1	509.0	89.4	50.0	65.7
Engineering	6,662.1	2,822.2	2,011.8	715.4	1,112.7
Geosciences, atmospheric sciences, and ocean sciences	971.9	220.7	366.5	81.3	303.4
Health sciences	6,316.7	3,633.2	1,716.4	30.0	937.1
Mathematics and statistics	177.8	111.6	46.5	1.0	18.7
Natural resources and conservation	499.9	117.2	179.5	5.0	198.2
Physical sciences	3,602.1	1,391.1	1,328.7	209.0	673.3
Psychology	678.0	221.1	318.2	0.0	138.7
Social sciences	798.5	112.2	422.5	51.8	211.9
Other fields of S&E	519.8	198.6	98.1	33.5	189.7

S&amp;E = science and engineering.

**Note(s):**

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.



TABLE 29

**Estimated costs of deferred projects to construct or repair and renovate science and engineering research space in academic institutions, by type of institution and project: FY 2023**

(Costs in millions of dollars)

Type of institution	All costs	Included in institutional plans		Not included in institutional plans	
		Construct	Repair or renovate	Construct	Repair or renovate
All institutions	28,290.7	12,253.4	9,389.5	1,419.3	5,228.4
Doctorate granting	27,764.3	11,970.3	9,244.8	1,382.3	5,166.9
Public	23,469.0	10,002.4	7,976.6	1,173.3	4,316.7
Private	4,295.3	1,967.8	1,268.2	209.0	850.3
Nondoctorate granting	526.4	283.1	144.7	37.0	61.5
Medical schools <sup>a</sup>	6,292.2	3,064.2	2,066.7	4.3	1,157.0

<sup>a</sup> Medical schools are listed separately and are also included in individual institution totals.

**Note(s):**

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. Details may not add to totals due to rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2023.

## Technical Notes

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### Survey Overview

*Purpose.* Data are collected biennially through the congressionally mandated Survey of Science and Engineering Research Facilities (Facilities Survey). The survey originated in 1986 in response to the U.S. Congress's concern about the state of research facilities at the nation's colleges and universities. NSF's 1984 reauthorization legislation, P.L. 99-159, mandated a data collection and analytic system to identify and assess the research facilities needs of academic institutions.

*Data collection authority.* The information is solicited under the authority of the National Science Foundation Act of 1950, as amended, and the America COMPETES Reauthorization Act of 2010. The Office of Management and Budget control number is 3145-0101, expiring on 30 September 2026. The disclosure review number is NCSES-DRN24-061.

*Survey contractor.* Westat.

*Survey sponsor.* The Facilities Survey is sponsored by the National Center for Science and Engineering Statistics (NCSES) within the U.S. National Science Foundation (NSF).

### Key Survey Information

*Frequency.* Biennial.

*Initial survey year.* 1986.

*Reference period.* FY 2023.

*Response unit.* Establishments.

*Sample or census.* Census.

*Population size.* A total of 602 in FY 2023.

*Sample size.* Not applicable.

### Survey Design

*Target population.* The FY 2023 population consisted of 602 research-performing academic institutions in the United States. Research-performing academic institutions were defined as colleges and universities with \$1 million or more in research and experimental development expenditures in science and engineering (S&E), as determined by the FY 2022 Higher Education Research and Development (HERD) Survey from NCSES. Military institutions, U.S. Department of Veterans Affairs (VA) institutions, and federally funded research and development centers (FFRDCs) were excluded.

*Sampling frame.* This survey is a census. The population is identified through the HERD Survey of the previous fiscal year.

*Sample design.* All eligible units are surveyed.

### Data Collection and Processing Methods

*Data collection.* The FY 2023 survey was conducted by Westat under contract to NCSES. Surveys are distributed to coordinators at each institution. These institutional coordinators are individuals who are knowledgeable about the requested information and who collect the responses from various offices and complete the survey. The data collection period was October 2023 through April 2024.

*Mode.* Respondents could choose to respond to the survey by printing a PDF questionnaire from the Web and submitting a paper survey by mail or by using the Web-based data collection system. Less than 1% of surveys were submitted by mail.

*Response rates.* See “[Survey Quality Measures](#)” below for unit and item response rates.

*Data editing.* Several procedures were used to clean and edit the data. For example, the Web survey contained numerous programmed edit checks that alerted respondents to inconsistent or missing data via edit messages. These included alerting respondents if their individual data did not sum to the total. Also, once respondents submitted their final data, a second set of edit checks was conducted. Finally, comparisons were made between an institution’s FY 2023 data and data from the previous survey. Respondents were contacted regarding any apparently inconsistent, missing, or unclear data.

*Imputation.* Imputation was used to account for unit and item nonresponse for all variables except for questions on shared space and condition of research space.

For most research space questions, a series of logistic regression models and linear regression models were developed and used to impute values for missing item data for institutions that responded to the survey, as well as for all items for nonresponding institutions. The predicted values from these models were used to impute for the missing responses.

A set of core predictors was used for imputing most items. The core predictors were institutional control (public or private), highest degree granted (doctorate or nondoctorate), existence of a medical school, FY 2022 total R&D expenditures (overall), and total FY 2023 net assignable square feet (NASF) of S&E research space. In addition to the core predictors, regression models for specific survey items included data from responses to other survey items and the institution’s FY 2021 responses, where available.

The imputation rates ranged from 0.0% to 5.80%. The imputation rate for each survey item was calculated as the number of imputed cases divided by the number of institution surveys or projects that are eligible for the item. Imputation was conducted for unit nonresponse, which can impact imputation rates for items with low eligibility.

*Weighting.* No weighting procedures were employed for FY 2023. Weights were used to account for unit nonresponse through FY 2011. Since FY 2013, imputation has been conducted for unit nonresponse, which simplifies the presentation of national totals in the various data files.

*Variance estimation.* Not applicable.

## Survey Quality Measures

*Sampling error.* Not applicable.

*Coverage error.* No known coverage error because a complete list of eligible institutions meeting the population requirements was identified from the HERD Survey. Institutions were investigated individually to ensure there was no duplication.

*Nonresponse error.* The unit nonresponse rate was 4.3% (26 of 602) for the FY 2023 survey. Item nonresponse ranged from 0% to 5.5% for all items. Nonresponding institutions (unit nonrespondents) were not included in the item nonresponse calculations.

Imputation was used to mitigate the error from item and unit nonresponses.

*Measurement error.* The most likely source of measurement error results from institutions estimating the requested data. Respondents may estimate their data for several reasons, including estimating data that are not included in the institution’s database or because some figures are estimates by their nature (e.g., out-year budget figures).

Measurement error may also occur because institutions may define their database elements differently from the definitions used on the survey. For example, an institutional database may identify research space based on a primary-use criterion, whereas the survey requests that space be prorated according to all uses. The survey question on the condition of research space is a subjective question that may be rated differently across respondents.

## Data Comparability

*Changes in survey coverage and population.* No changes.

*Changes in questionnaire.* A change was made to the list of disciplines included in the fields of S&E to better coordinate field totals in national academic surveys. The discipline of “plant pathology and phytopathology, agricultural” was removed from “agricultural sciences, animal sciences, plant sciences, and veterinary sciences.” “Plant pathology and phytopathology” is reported under “biological and biomedical sciences.”

*Changes in reporting procedures or classification.* No changes.

## Definitions

*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.

*Current research program commitments* include current faculty and staff (or those to whom offers have been made or grants awarded, regardless of whether research has begun) and programs that have been approved.

*Deferred projects* are those that (1) are not funded and (2) are not scheduled for FY 2024 or FY 2025. They do not include projects planned for developing new programs or expanding current programs. Deferred projects are limited to only those projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E.

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

*Institutional control* is defined for academic institutions as private or public.

*Institutional funds and other sources* include the following examples: operating funds, endowments, tax-exempt bonds and other debt financing, indirect costs recovered from federal grants or contracts, and private donations.

*Medical school* is a school that awards a doctor of medicine degree or a doctor of osteopathic medicine degree.

*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.

*New construction* is the construction of a new building or additions to an existing building. New construction is limited to only those projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E.

*Repairs and renovations* are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and building out shell (unfinished) space. They include any repairs or renovations to existing space that are performed in combination with new construction projects. They do not include building additions, which are reported in this survey under new construction. Repairs and renovations are limited to only those projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E.

*Research* is all research and experimental development (R&D) activities of an institution that are separately accounted for. These R&D activities comprise creative and systematic work undertaken to increase the stock of knowledge—including knowledge of humankind, culture, and society—and to devise new applications of available knowledge. This research can be funded by an institution, the federal government, a state government, foundations, corporations, or other sources.

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

- Research space includes controlled-environment space, such as clean, cold, or white rooms; technical and laboratory support space, such as equipment areas, preparation areas, darkrooms, carpentry and machine shops, and storage areas; laboratories, including computer labs and behavior observation rooms; core laboratories that serve other laboratories; laboratories and associated support areas used for research animals, including procedure rooms, bench space, animal production colonies, holding rooms, germ-free rooms, surgical facilities, and recovery rooms; housing facilities for research animals and associated maintenance areas, including cage rooms, stalls, wards, isolation rooms, exercise rooms, feed storage rooms, cage-washing rooms, and holding and storage areas; space for clinical trial research; offices, to the extent that they are used for research activities, including administrative activities for a specific research project; space with fixed (built-in) equipment, such as fume hoods; space with nonfixed equipment costing \$1 million or more each, such as MRI equipment; and space that is leased by the responding institution.
- Research space does not include space for the fields of law, business administration and management, humanities, history, the arts, or education; libraries, unless they are dedicated to a specific research project; animal field buildings sheltering animals that do not directly support research or that are not subject to government regulations concerning humane care and use of laboratory animals; FFRDCs; in-kind space used by faculty, staff, or other persons from the institution but administered by other organizations, such as research facilities at non-university hospitals or VA hospitals; space administered by the institution but leased to another organization; and outdoor areas, such as fish ponds or planting fields.
- Question 2 contains the following additional information about research space: 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).

## Acknowledgments and Suggested Citation

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## Contact Us

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### Report Author

Michael T. Gibbons  
Survey Manager  
NCSES  
Tel: (703) 292-4590  
E-mail: [mgibbons@nsf.gov](mailto:mgibbons@nsf.gov)

### NCSES

[National Center for Science and Engineering Statistics](#)  
Directorate for Social, Behavioral and Economic Sciences  
U.S. [National Science Foundation](#)  
2415 Eisenhower Avenue, Suite W14200  
Alexandria, VA 22314  
Tel: (703) 292-8780  
FIRS: (800) 877-8339  
TDD: (800) 281-8749  
E-mail: [ncsesweb@nsf.gov](mailto:ncsesweb@nsf.gov)