Science and Engineering Research Facilities: Fiscal Year 2019

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General Notes

This report provides data from the 2019 Survey of Science and Engineering Research Facilities. 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 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.

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TABLE 1

Science and engineering research space in academic institutions, by field and research animal space: FYs 2007–19

(Net assignable square feet in millions)

Field and research animal space	FY 2007	FY 2009	FY 2011	FY 2013	FY 2015	FY 2017	FY 2019
All research space	187.9	196.1	202.2	211.8	214.5	221.2	227.3
Agricultural sciences	27.9	29.5	27.6	30.5	28.3	29.0	28.4
Biological and biomedical sciences	45	50	54	57	56	58	59
Computer and information sciences	4.8	5.2	5.0	4.3	4.3	4.2	4.6
Engineering	28.4	30.2	31.7	33.4	34.2	35.2	38.1
Geosciences, atmospheric sciences, and ocean sciences	8.4	8.0	7.8	7.8	8.1	8.5	8.7
Health sciences	37.0	36.3	36.7	38.0	39.2	39.8	41.2
Mathematics and statistics	1.6	1.5	1.5	1.7	1.8	1.8	1.8
Natural resources and conservation	na	na	na	na	3.5	4.3	4.7
Physical sciences	20.3	20.5	21.8	22.9	22.7	23.2	23.4
Psychology	4.9	5.2	5.5	5.5	5.5	5.6	5.9
Social sciences	6.0	5.5	5.7	5.7	6.0	6.1	6.4
Other	3.7	3.9	5.2	4.8	4.9	5.8	5.3
Research animal space[a]	17.8	18.1	18.4	18.9	19.2	19.2	19.0

na = not applicable; see notes below.

[a] Research animal space is listed separately and is also included in individual field totals.

Note(s):

Fields of science and engineering and their disciplines were revised in FY 2015. Specifically, "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." 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, research animal space, and type of institution: FY 2019

(Net assignable square feet in millions)

Field and research animal space	All institutions	Doctorate granting			Nondoctorate granting
		All	Public	Private	
All research space	227.3	219.0	164.2	54.8	8.3
Agricultural sciences	28.4	27.8	27.1	0.7	0.6
Biological and biomedical sciences	58.7	56.5	36.5	20.0	2.1
Computer and information sciences	4.6	4.2	2.9	1.3	0.4
Engineering	38.1	37.3	29.5	7.8	0.8
Geosciences, atmospheric sciences, and ocean sciences	8.7	8.2	6.8	1.4	0.5
Health sciences	41.2	40.6	28.9	11.8	0.5
Mathematics and statistics	1.8	1.5	1.0	0.5	0.3
Natural resources and conservation	4.7	4.4	4.0	0.4	0.3
Physical sciences	23.4	21.8	15.5	6.3	1.6
Psychology	5.9	5.3	4.1	1.2	0.6
Social sciences	6.4	6.0	4.2	1.8	0.4
Other	5.3	5.2	3.6	1.6	0.1
Research animal space[a]	19.0	18.4	13.8	4.7	0.6

[a] 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 2019.

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
All institutions	-	227,275	28,411	58,657	4,591	38,092	8,739	41,183	1,789	4,744	23,446	5,920	6,420	5,284
U. Florida	1	4,253	2,140	557	25	525	28	510	10	160	214	46	38	0
U. Georgia	2	3,945	2,022	364	3	149	233	418	*	305	98	41	15	297
U. Minnesota, Twin Cities	3	3,763	1,450	473	36	305	174	756	52	113	194	93	117	0
U. Wisconsin-Madison	4	3,111	315	851	23	434	129	707	8	45	312	150	96	41
Texas A&M U., College Station and Health Science Center	5	3,101	647	643	21	892	44	306	30	31	324	63	73	28
U. California, Davis	6	3,089	758	927	26	327	84	510	14	26	182	40	80	114
U. Illinois, Urbana-Champaign	7	3,080	815	349	158	635	20	160	5	318	210	71	24	315
Ohio State U.	8	3,015	795	554	1	458	47	779	4	67	126	179	5	0
Johns Hopkins U.	9	2,978	0	639	202	869	20	636	14	0	377	51	37	133
U. California, San Diego	10	2,951	0	301	0	674	332	858	17	0	285	59	133	292
U. California, Los Angeles	11	2,918	1	429	42	261	134	1,221	38	0	328	79	159	226
Georgia Institute of Technology	12	2,830	0	112	83	2,392	20	26	*	0	116	25	6	50
Michigan State U.	13	2,814	1,071	594	25	230	25	198	11	100	376	35	58	90
U. Kentucky	14	2,780	910	642	9	365	102	605	5	19	70	23	31	0
North Carolina State U.	15	2,575	995	361	33	637	60	165	64	38	160	13	28	21
Yale U.	16	2,447	0	726	28	123	38	984	18	48	229	44	172	38
Pennsylvania State U., University Park and Hershey Medical Center	17	2,420	242	643	18	672	53	368	9	116	220	36	42	0
Harvard U.	18	2,416	32	1,173	25	127	98	65	66	0	399	60	296	76
U. California, Berkeley	19	2,408	0	724	22	572	72	92	39	209	378	44	217	38
Washington State U.	20	2,259	958	380	21	256	25	394	6	22	133	29	34	0
Wake Forest U.	21	2,248	3	1,201	2	25	0	943	7	*	42	19	7	0
Mississippi State U.	22	2,177	1,074	97	11	530	26	219	12	18	90	23	78	0
U. Washington, Seattle	23	2,135	0	497	15	370	117	842	*	85	162	29	18	0
Columbia U. in the City of New York	24	2,006	0	537	64	199	151	513	30	81	300	75	56	0
Cornell U.	25	1,994	534	813	13	163	4	42	1	37	294	12	13	67
U. Michigan, Ann Arbor	26	1,905	12	363	4	463	47	663	4	8	167	32	82	61
U. California, San Francisco	27	1,898	0	315	0	0	0	1,374	0	0	0	0	16	194
U. Pennsylvania	28	1,861	*	668	22	137	83	755	6	8	39	27	109	7
U. Maryland[a]	29	1,858	186	490	17	250	5	659	*	0	154	30	46	21

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
Rutgers, State U. New Jersey, New Brunswick	30	1,833	319	538	9	151	33	600	0	35	54	73	21	0
Massachusetts Institute of Technology	31	1,831	0	263	116	658	51	0	10	0	510	0	34	191
U. Utah	32	1,733	0	441	56	251	89	646	2	0	185	27	34	2
Stanford U.	33	1,731	0	541	26	257	50	508	5	7	272	22	30	13
U. Pittsburgh, Pittsburgh	34	1,683	3	666	22	131	11	595	15	0	166	45	31	0
North Dakota State U.	35	1,655	1,362	67	4	81	6	16	0	13	61	11	5	29
U. Arizona	36	1,621	308	275	12	125	194	151	3	40	396	14	32	70
U. California, Irvine	37	1,568	0	454	59	262	40	376	17	0	222	51	88	0
Purdue U., West Lafayette	38	1,567	458	145	46	513	18	140	7	27	153	21	13	28
Virginia Polytechnic Institute and State U.	39	1,556	438	213	5	493	18	196	1	73	59	8	1	53
Iowa State U.	40	1,511	977	191	4	168	2	10	2	8	90	4	5	50
U. Nebraska, Lincoln	41	1,459	721	232	10	170	9	97	0	48	97	12	60	3
U. Texas, Austin	42	1,404	0	198	36	444	38	48	3	0	178	33	20	406
U. North Carolina, Chapel Hill	43	1,391	0	368	25	54	38	678	7	0	150	27	45	0
Louisiana State U., Baton Rouge	44	1,375	503	126	5	215	162	103	4	39	154	12	22	32
U. Texas M. D. Anderson Cancer Center	45	1,341	0	1,341	0	0	0	0	0	0	0	0	0	0
U. Chicago	46	1,334	0	619	14	70	33	364	5	0	175	39	14	2
Colorado State U., Fort Collins	47	1,242	157	195	6	229	64	250	5	168	99	13	7	49
U. Texas Southwestern Medical Center	48	1,234	0	665	0	0	0	568	0	0	0	1	0	0
Kansas State U.	49	1,218	225	241	19	312	13	96	13	89	153	22	35	0
Washington U., Saint Louis	50	1,215	0	416	4	71	19	601	1	0	82	11	10	0
Arizona State U.	51	1,189	0	325	10	394	76	14	*	0	187	59	75	49
Tulane U.	52	1,181	0	143	4	45	38	319	16	6	65	22	68	455
Northwestern U.	53	1,173	0	210	6	166	8	448	4	3	134	12	19	163
U. Virginia, Charlottesville	54	1,134	0	358	22	232	0	290	7	52	107	46	19	0
U. Hawaii, Manoa	55	1,079	6	264	23	112	224	173	8	23	143	17	86	0
U. Kansas	56	1,078	0	402	11	107	54	326	9	22	101	19	26	0
U. Illinois, Chicago	57	1,062	0	341	16	93	7	425	3	1	91	12	18	56

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Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
Vanderbilt U. and Vanderbilt U. Medical Center[b]	58	1,056	0	399	0	118	0	477	1	0	37	22	2	0
Boston U.	59	1,055	0	524	7	170	17	198	2	0	99	17	20	0
U. Southern California	60	1,052	0	238	188	147	78	237	1	0	72	23	46	23
Duke U.	61	1,047	0	339	8	98	8	490	3	15	63	11	14	0
U. California, Riverside	62	1,045	335	190	23	160	37	41	17	2	149	42	23	26
SUNY, Stony Brook U.	63	1,037	0	261	53	136	93	206	28	6	181	37	22	13
U. Colorado Boulder	64	988	0	176	23	282	135	8	3	40	252	58	10	0
U. Oklahoma, Norman and Health Science Center	65	969	30	201	7	183	309	34	7	9	132	16	40	0
U. Connecticut	66	945	99	276	7	108	33	272	2	8	89	48	3	0
Emory U.	67	926	0	443	*	0	0	307	4	20	100	40	12	0
Baylor C. of Medicine	68	923	0	821	0	0	0	102	0	0	0	0	0	0
U. Tennessee, Knoxville, Institute of Agriculture	69	918	857	0	0	5	0	2	0	53	0	0	0	0
New York U.	70	912	0	729	0	74	0	21	2	0	57	16	14	0
U. Colorado Denver and Anschutz Medical Campus	71	909	0	180	0	18	0	703	1	0	2	1	4	0
Oregon State U.	72	903	187	172	27	201	113	71	3	74	45	*	10	0
Wayne State U.	73	891	7	260	10	116	2	284	7	2	131	46	26	0
Oklahoma State U., Stillwater	74	880	400	132	2	141	17	85	1	16	74	10	2	0
U. California, Santa Barbara	75	878	0	156	22	227	75	1	9	32	171	40	95	48
CUNY, City C.	76	856	0	213	23	203	52	64	18	10	190	27	56	0
Wichita State U.	77	846	0	15	0	774	8	6	0	0	26	7	6	2
U. Louisiana, Lafayette	78	823	57	538	60	49	6	18	4	48	11	2	14	16
U. Arkansas, Fayetteville	79	815	390	74	5	199	24	9	2	2	88	9	11	3
U. Rochester	80	808	0	278	7	40	12	217	*	0	213	39	2	0
U. Cincinnati	81	807	0	276	1	172	19	220	5	0	81	16	17	0
U. Alaska, Fairbanks	82	801	124	146	46	140	155	23	9	76	21	6	37	18
U. Alabama, Birmingham	83	780	0	214	4	41	0	496	*	0	12	10	2	0
U. Missouri, Columbia	84	778	291	138	22	92	8	123	1	30	45	15	13	0
Utah State U.	85	769	290	63	2	337	3	9	*	52	9	3	2	0
Oregon Health and Science U.	86	753	0	234	13	27	0	466	1	2	0	8	2	0

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
Indiana U.-Purdue U., Indianapolis	87	752	0	161	15	27	14	495	*	0	25	11	3	0
Scripps Research Institute	88	748	0	748	0	0	0	0	0	0	0	0	0	0
Dartmouth C.	89	746	0	254	26	74	23	158	22	12	81	38	60	0
California Institute of Technology	90	743	0	216	8	169	61	0	0	0	281	0	7	0
U. South Carolina, Columbia	91	743	0	123	17	201	70	142	3	1	94	45	45	0
SUNY, U. Buffalo	92	734	0	191	17	142	16	234	2	0	82	29	20	0
U. South Florida, Tampa	93	727	0	62	10	100	123	279	3	1	80	23	47	0
Texas Tech U.	94	719	136	116	3	265	45	0	4	18	82	13	9	29
U. Central Florida	95	717	5	273	22	210	8	41	0	58	66	19	6	9
U. Houston	96	716	1	134	15	204	27	100	4	0	198	29	4	0
Tufts U.	97	716	0	222	6	101	6	320	*	0	43	16	1	2
Princeton U.	98	707	0	129	25	200	31	0	25	0	200	26	70	0
U. Massachusetts, Amherst	99	707	91	123	40	190	19	49	2	25	104	54	9	0
Medical U. South Carolina	100	706	0	373	0	20	0	313	0	0	0	0	0	0
Virginia Commonwealth U.	101	690	0	237	4	82	0	293	0	3	37	22	10	2
U. Maine	102	686	302	60	17	214	26	1	*	31	15	13	6	*
Clemson U.	103	680	146	115	16	250	33	6	10	19	68	10	9	0
Icahn School of Medicine at Mt. Sinai	104	672	0	647	25	0	0	0	0	0	0	0	0	0
U. Iowa	105	670	0	211	4	120	3	228	1	0	81	19	3	1
U. Missouri, Kansas City	106	660	0	62	25	46	12	400	3	0	59	16	13	23
SUNY, Polytechnic Institute	107	654	0	202	0	451	0	0	0	1	0	0	0	0
Medical C. Wisconsin	108	653	0	178	0	14	0	341	0	0	0	0	0	121
U. Wyoming	109	643	180	100	3	163	58	68	0	2	46	7	17	0
U. Texas, Dallas	110	643	0	136	23	306	28	18	*	0	90	12	4	26
U. California, Santa Cruz	111	642	0	111	7	104	125	0	12	0	178	25	52	28
U. Notre Dame	112	619	0	111	2	221	7	28	25	0	195	15	16	0
U. Massachusetts, Medical School	113	618	0	388	0	0	0	230	0	0	0	0	0	0
George Washington U.	114	615	0	205	29	98	0	167	4	1	72	4	10	25
West Virginia U.	115	599	231	77	3	98	9	61	1	45	47	3	10	15

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
U. Texas Health Science Center, San Antonio	116	590	0	297	0	0	0	293	0	0	0	0	0	0
Carnegie Mellon U.	117	588	0	60	120	309	0	0	4	0	50	27	8	10
Case Western Reserve U.	118	584	0	237	0	106	5	156	1	0	41	5	1	32
U. Louisville	119	571	*	74	0	94	0	332	0	0	47	17	6	1
Dillard U.	120	565	0	110	42	10	150	42	46	50	68	23	23	0
Rockefeller U.	121	565	0	515	0	0	0	35	0	0	15	0	0	0
Indiana U., Bloomington	122	564	0	150	3	16	35	50	0	5	170	71	42	22
New Mexico State U.	123	563	328	29	24	112	1	4	6	18	31	2	6	2
U. Texas, Arlington	124	557	0	85	37	216	18	50	6	0	126	17	2	0
U. Nebraska, Medical Center	125	556	0	194	0	7	0	355	0	0	0	0	0	0
Albert Einstein C. of Medicine	126	549	0	297	0	0	0	200	0	0	0	0	0	52
U. New Mexico	127	543	0	130	14	112	18	169	2	5	51	12	29	*
U. Delaware	128	526	111	17	8	144	61	43	2	8	97	16	11	8
Saint Louis U.	129	512	0	179	1	12	12	265	1	0	18	19	4	0
U. Toledo	130	502	8	138	0	97	15	102	4	34	75	18	12	0
U. Nevada, Reno	131	494	74	144	15	90	30	8	0	18	92	15	9	0
U. Mississippi	132	490	0	334	*	20	2	72	0	0	55	1	4	0
Illinois State U.	133	490 i	206 i	77 i	55 i	3 i	21 i	18 i	15 i	2 i	58 i	19 i	15 i	0 i
Georgetown U.	134	483	0	109	2	0	0	159	1	0	57	6	148	0
U. Idaho	135	482	191	135	4	54	12	16	1	32	33	*	4	0
Florida International U.	136	481	0	108	19	100	19	25	*	19	53	137	1	*
Fort Valley State U.	137	461	188	57	18	20	0	33	55	0	63	14	14	0
U. Texas Health Science Center, Houston	138	459	0	285	0	0	0	162	0	0	0	11	0	0
U. Southern Mississippi	139	458	2	171	4	26	39	14	3	80	96	9	14	0
Howard U.	140	456	0	138	10	42	11	163	8	0	15	16	45	8
Florida State U.	141	453	0	61	7	122	31	27	2	3	141	36	23	0
Temple U.	142	447	0	101	5	36	8	172	*	0	76	34	14	0
U. Texas Medical Branch	143	438	0	327	0	0	0	111	0	0	0	0	0	0
U. Wisconsin-Milwaukee	144	430	0	52	22	95	105	35	3	0	72	23	23	0
Drexel U.	145	424	0	160	6	134	0	58	6	13	28	12	1	6
U. Tennessee, Knoxville	146	424	*	53	24	206	0	0	1	1	106	5	21	9
U. Oregon	147	414	0	153	12	0	42	5	*	4	115	51	26	6

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
South Dakota State U.	148	411	224	66	1	32	6	48	0	7	27	0	0	0
U. Puerto Rico, Medical Sciences Campus	149	400	0	345	0	0	0	55	0	0	0	*	0	0
Rosalind Franklin U. of Medicine and Science	150	399	0	384	0	0	0	15	0	0	0	0	0	0
Northeastern U.	151	395	0	29	27	138	16	64	2	0	73	24	9	11
Auburn U., Auburn	152	389	91	22	7	112	3	49	*	51	50	4	0	0
Duquesne U.	153	387	0	76	5	9	0	134	5	0	100	7	50	0
U. Miami	154	378	0	118	1	14	19	171	0	13	29	13	*	0
U. Tennessee, Health Science Center	155	378	0	318	19	1	0	40	0	0	0	0	0	0
U. Dayton	156	375	0	5	*	365	2	0	*	0	3	*	*	0
U. New Hampshire	157	374	84	63	17	61	78	6	*	16	32	8	5	4
U. Memphis	158	371	0	39	35	46	29	62	12	0	53	48	39	8
Loyola U., Chicago	159	370	3	269	6	3	0	59	6	3	14	2	6	0
Michigan Technological U.	160	366	0	23	4	234	42	4	2	0	32	2	3	19
Brown U.	161	354	0	127	12	75	11	45	20	2	35	21	6	0
U. Maryland, Baltimore County	162	348	0	49	36	68	15	14	7	6	61	21	24	47
Brigham Young U., Provo	163	342	14	49	5	85	12	17	1	49	79	9	14	11
Rice U.	164	339	0	38	7	162	11	0	6	0	84	6	4	23
U. Akron	165	335	0	51	1	235	9	1	1	0	29	5	3	0
Southern Illinois U., Carbondale	166	328	129	70	*	39	6	42	*	5	22	10	4	0
William & Mary	167	322	0	29	3	0	168	3	0	8	45	9	25	31
SUNY, Downstate Medical Center	168	317	0	163	0	0	0	154	0	0	0	0	0	0
Baylor U.	169	316	0	61	10	61	28	9	10	20	83	16	18	0
U. Massachusetts, Lowell	170	314	0	9	12	152	9	32	0	0	94	3	4	0
Woods Hole Oceanographic Institution	171	311	0	60	7	79	108	0	5	0	50	0	2	0
Tuskegee U.	172	309	96	28	13	153	0	19	0	0	0	0	0	0
Montana State U., Bozeman	173	309	146	35	2	49	7	1	1	7	59	0	4	0
Alabama State U.	174	308	0	70	35	5	0	80	35	0	25	33	25	0
U. North Carolina, Charlotte	175	305	0	38	23	127	15	19	4	0	51	14	14	0
CUNY, Hunter C.	176	301 i	0 i	63 i	8 i	3 i	10 i	73 i	10 i	2 i	53 i	29 i	50 i	0 i

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
George Mason U.	177	300	0	102	29	33	17	16	1	18	35	24	26	0
Idaho State U.	178	296	0	37	4	132	14	20	1	0	28	11	7	42
Central Michigan U.	179	296	14	118	5	29	9	36	9	5	32	26	13	0
U. Texas, El Paso	180	293	0	81	12	91	20	13	3	8	41	18	4	3
Old Dominion U.	181	287	4	43	10	96	43	29	0	1	36	14	2	10
Florida Atlantic U.	182	287	39	123	0	34	10	1	0	3	24	10	5	38
Thomas Jefferson U.	183	285	0	273	0	0	0	5	0	0	0	0	6	0
North Carolina Agricultural and Technical State U.	184	285	55	10	3	83	0	54	30	46	5	0	0	0
U. North Texas, Health Science Center	185	283	0	173	0	0	0	110	0	0	0	0	0	0
SUNY, Upstate Medical U.	186	282	0	273	0	0	0	9	0	0	0	0	0	0
East Carolina U.	187	280	0	90	3	3	19	119	0	0	29	6	12	0
U. Alabama, Huntsville	188	278	1	15	24	136	22	2	5	1	71	1	1	0
U. Montana, Missoula	189	278	59	92	2	0	19	61	3	4	19	1	6	13
U. Alabama, Tuscaloosa	190	278	0	65	6	106	11	3	*	6	62	8	10	0
Augusta U.	191	274	0	195	1	0	0	74	1	1	1	1	1	0
U. Rhode Island	192	272	21	49	1	26	86	24	*	36	14	1	6	8
U. Vermont	193	272	20	103	1	15	1	79	*	12	12	7	2	22
U. North Dakota	194	268	0	62	0	148	10	13	0	0	25	6	3	0
U. California, Merced	195	267	0	42	8	52	1	10	11	5	69	23	41	5
Delaware State U.	196	258	29	28	20	2	3	8	2	8	119	33	5	1
U. Puerto Rico, Mayaguez	197	258	61	34	1	70	33	0	2	0	54	1	1	0
Meharry Medical C.	198	258	0	183	0	0	0	75	0	0	0	0	0	0
Missouri U. of Science and Technology	199	258	0	12	7	167	36	0	0	0	33	1	0	1
U. Maryland Center for Environmental Science	200	257	20	76	0	0	147	0	7	0	0	0	7	0
Texas Tech U., Health Sciences Center	201	256	0	65	0	0	0	191	0	0	0	0	0	0
Brandeis U.	202	254	0	117	6	0	0	0	6	0	56	14	56	0
Prairie View A&M U.	203	253	188	4	1	25	0	15	1	1	17	1	0	0
Rensselaer Polytechnic Institute	204	252	0	4	4	201	8	0	3	0	14	4	7	7
SUNY, Binghamton U.	205	242	0	22	15	93	6	5	1	*	36	28	14	22

TABLE 3

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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
San Diego State U.	206	240	0	51	10	45	8	27	3	5	32	45	14	0
Northern Arizona U.	207	237	0	102	12	15	20	17	2	23	30	7	10	0
U. Minnesota, Duluth	208	236	0	17	1	31	23	*	*	143	2	2	2	14
Florida Institute of Technology	209	235	0	40	15	86	10	0	2	0	60	22	0	0
Louisiana Tech U.	210	234	13	16	11	127	0	11	4	1	36	4	9	2
U. Nevada, Las Vegas	211	234	0	43	19	61	16	28	*	0	38	16	10	3
U. Arkansas for Medical Sciences	212	233	0	137	0	0	0	96	0	0	0	0	0	0
Morgan State U.	213	232	2	49	3	59	22	4	3	3	35	7	43	2
Southern U. and A&M C., Baton Rouge	214	230	18	20	23	65	0	2	6	52	26	2	15	0
Marshall U.	215	230	22	82	1	10	9	40	4	0	35	2	7	17
Rochester Institute of Technology	216	229	*	6	23	125	*	3	5	*	46	0	2	18
California Polytechnic State U., San Luis Obispo	217	228	27	40	16	68	14	10	5	4	24	2	2	17
Texas State U.	218	225	4	38	5	33	4	19	1	20	40	4	56	0
Kent State U.	219	224	0	53	9	5	9	12	2	0	88	27	19	0
Portland State U.	220	223	0	67	7	55	3	3	*	13	49	1	23	2
Lehigh U.	221	220	0	28	0	134	13	0	0	0	34	10	1	0
Louisiana State U., Health Sciences Center, New Orleans	222	220	0	161	0	0	0	60	0	0	0	0	0	0
U. Texas, San Antonio	223	218	8	24	7	80	10	0	1	8	46	9	25	0
North Carolina Central U.	224	218	0	0	0	0	0	0	0	0	0	0	0	218
U. South Alabama	225	218	1	97	3	27	4	51	*	0	12	6	18	0
Georgia State U.	226	216	0	110	*	0	6	9	0	0	63	26	1	0
Syracuse U.	227	216	*	42	4	66	16	4	1	0	52	14	8	8
Nova Southeastern U.	228	209	0	53	0	0	87	61	*	1	*	5	0	0
Miami U.	229	205	0	59	3	13	16	5	*	0	58	24	12	15
U. Texas Rio Grande Valley	230	203	2	45	3	28	15	49	0	0	40	4	*	18
Mercer U.	231	203	0	0	1	99	0	84	2	0	13	3	1	0
Rush U.	232	202	0	38	0	0	0	124	0	0	0	3	0	37
U. North Texas, Denton	233	201	0	73	17	55	0	5	1	2	41	6	2	0
Northeast Ohio Medical U.	234	199	0	180	0	0	0	19	0	0	0	0	0	0

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West Texas A&M U.	235	198 i	43 i	31 i	5 i	41 i	11 i	19 i	2 i	11 i	21 i	7 i	6 i	0 i
Louisiana State U., Health Sciences Center, Shreveport	236	198	0	163	0	0	0	33	0	0	0	1	0	0
SUNY, U. Albany	237	195	0	32	6	1	32	8	*	0	28	12	62	14
Lamar U.	238	190	0	40	30	65	9	15	5	10	5	6	5	0
Colorado School of Mines	239	187	0	15	3	109	11	0	0	0	33	0	0	15
East Tennessee State U.	240	185	3	108	0	5	4	27	13	5	12	3	4	0
Rowan U.	241	184	0	15	1	19	3	129	*	0	10	1	3	3
Oberlin C.	242	184	0	73	2	0	6	0	2	1	65	22	13	0
St. Edward's U.	243	180	10	30	20	0	10	10	20	25	20	15	15	5
Ohio U.	244	177	0	30	6	57	1	40	*	0	23	7	12	0
San Jose State U.	245	177	13	32	4	38	34	12	3	1	33	3	4	0
U. North Florida	246	176	0	49	10	45	0	24	7	0	33	5	3	0
Bowling Green State U.	247	175	1	24	16	33	14	10	10	1	36	18	13	0
Albany Medical C.	248	172 i	0 i	146 i	1 i	0 i	0 i	19 i	* i	0 i	1 i	1 i	4 i	0 i
U. Massachusetts, Boston	249	172	0	43	4	9	15	8	0	0	24	25	32	13
Murray State U.	250	169	46	19	11	24	5	19	2	16	12	3	8	3
U. North Carolina, Greensboro	251	168	0	31	3	0	0	26	1	0	25	15	36	30
Boston C.	252	167	0	43	*	0	18	3	1	0	56	19	27	0
U. Wisconsin-Oshkosh	253	166	1	56	17	5	12	17	3	4	40	5	5	0
Cold Spring Harbor Laboratory	254	165	20	138	7	0	0	0	0	0	0	0	0	0
Occidental C.	255	163	0	48	0	0	21	1	10	0	48	2	33	0
California State U., Long Beach	256	162	0	44	3	58	3	10	2	0	22	14	6	0
Southern Methodist U.	257	160	0	24	12	43	22	6	4	0	25	9	14	0
Tennessee State U.	258	160	127	24	0	3	0	0	0	0	6	0	0	0
Florida A&M U.	259	159	43	26	1	41	12	21	0	10	2	*	2	0
Franklin and Marshall C.	260	154	0	45	4	0	19	0	5	2	44	15	20	0
Georgia Southern U.	261	152	5	44	2	65	2	4	2	0	14	8	6	0
Lawrence Technological U.	262	151	5	34	8	81	6	4	5	5	1	1	1	0
Florida Gulf Coast U.	263	151	73	65	1	8	2	1	0	0	0	*	0	0
Stephen F. Austin State U.	264	149	40	10	20	20	10	10	3	0	30	3	3	0
Clarkson U.	265	148	0	15	1	92	0	1	1	2	31	2	0	2
California State U., Fullerton	266	148	0	27	17	44	3	8	6	0	22	8	11	0
U. Tulsa	267	146	2	15	15	70	6	3	3	*	8	16	8	0

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Illinois Institute of Technology	268	141	4	8	7	93	0	0	7	0	18	3	0	0
Marquette U.	269	141	1	34	1	32	0	18	7	0	27	7	4	11
Connecticut C.	270	138	0	6	1	0	2	0	6	4	77	20	20	0
Carleton C.	271	137	0	37	22	0	13	0	5	1	35	16	8	0
Desert Research Institute	272	136	6	20	12	3	87	4	0	1	0	0	3	0
New Jersey Institute of Technology	273	135	0	13	6	90	0	0	*	0	26	0	0	0
Santa Clara U.	274	135 i	0 i	19 i	2 i	67 i	0 i	* i	5 i	0 i	31 i	5 i	7 i	0 i
U. Puerto Rico, Rio Piedras	275	135	0	40	5	1	2	3	3	8	56	15	3	0
Creighton U.	276	135	0	62	*	0	0	51	1	0	13	3	4	0
Colgate U.	277	134	0	35	5	0	26	0	8	4	26	15	13	0
Long Island U.	278	134	7	5	5	1	4	93	7	1	5	0	5	0
San Francisco State U.	279	133	0	44	2	8	41	0	1	0	25	9	4	0
Worcester Polytechnic Institute	280	133	0	20	9	80	0	1	7	0	14	1	2	0
Wright State U.	281	133	0	24	7	28	5	43	0	0	15	10	2	0
Liberty U.	282	132	0	51	18	27	0	37	0	0	0	0	0	0
Cleveland State U.	283	132	0	28	*	47	0	7	0	0	34	5	11	0
Texas A&M U.-Corpus Christi	284	131	0	59	4	21	2	1	3	30	9	*	1	0
U. Colorado Colorado Springs	285	131	0	25	5	23	5	17	3	0	24	11	14	3
Oakland U.	286	131	0	31	4	19	0	45	*	0	24	8	0	0
Grand Valley State U.	287	130	0	19	2	46	3	19	0	25	6	6	4	0
U. Missouri, Saint Louis	288	129	0	40	2	0	0	4	2	0	42	24	15	0
New York Medical C.	289	128	0	113	0	0	0	15	0	0	0	0	0	0
Western Washington U.	290	127	0	26	7	11	19	8	2	9	30	11	5	*
Van Andel Research Institute	291	126	0	126	0	0	0	0	0	0	0	0	0	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	292	125	0	44	2	33	5	14	3	0	20	1	4	0
James Madison U.	293	125	0	27	1	4	11	15	3	0	44	10	*	9
Catholic U. of America	294	125	0	22	4	30	0	7	1	0	48	6	8	0
Eastern Virginia Medical School	295	125	0	118	0	0	0	7	0	0	0	0	0	0
CUNY, Queens C.	296	124	1	21	3	0	4	10	5	4	30	30	17	0
Western Kentucky U.	297	124	5	15	12	27	10	4	7	0	39	4	0	0
Northern Illinois U.	298	123	0	32	4	11	10	4	1	0	40	18	4	0

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Midwestern U.	299	123	*	95	0	0	1	27	0	0	0	*	0	0
U. Denver	300	123	0	23	1	29	1	0	1	0	28	18	22	0
Boise State U.	301	122	0	31	5	50	13	3	1	2	15	*	1	0
California State U., Northridge	302	121	0	29	2	29	6	17	0	0	28	8	3	0
Union C., Schenectady	303	120	0	16	3	41	10	0	3	4	29	6	5	4
Western Illinois U.	304	118	4	46	3	15	5	4	0	0	32	4	5	0
U. Richmond	305	116	0	43	4	0	0	0	4	0	47	8	10	0
Wesleyan U.	306	116	0	31	2	0	8	0	3	7	42	14	8	0
U. Maryland, Eastern Shore	307	114	62	12	0	25	6	6	1	1	2	0	0	0
Rutgers, State U. New Jersey, Newark	308	114	0	33	1	0	2	0	5	0	34	13	5	20
U. New Orleans	309	111	0	22	3	10	14	0	1	0	47	3	12	0
Pomona C.	310	111	2	31	5	0	8	0	6	3	40	9	8	0
Missouri State U.	311	110	27	16	1	15	10	15	0	5	12	6	3	0
Montclair State U.	312	109	4	20	9	1	16	13	6	3	16	16	3	2
Texas Christian U.	313	108	3	14	3	12	14	10	3	5	28	15	2	0
Jackson State U.	314	107	0	12	51	6	2	1	10	0	16	1	*	8
U. North Carolina, Wilmington	315	107	0	8	2	0	69	1	*	*	2	21	4	0
Southern Connecticut State U.	316	106	0	12	5	5	10	34	1	5	20	6	5	2
CUNY, Brooklyn C.	317	106	0	38	2	0	11	4	0	0	30	18	3	0
California State U., Fresno	318	105	50	17	*	11	2	5	0	0	12	5	2	0
U. Wisconsin-Superior	319	105 i	0 i	18 i	4 i	19 i	9 i	12 i	3 i	13 i	16 i	7 i	5 i	0 i
Alabama A&M U.	320	104	35	7	1	20	0	0	1	35	5	0	0	0
Lafayette C.	321	102	0	13	3	29	6	0	4	1	10	15	21	0
Colorado State U., Pueblo	322	102 i	0 i	21 i	4 i	19 i	9 i	12 i	3 i	6 i	16 i	7 i	5 i	0 i
Humboldt State U.	323	101	23	30	1	12	8	6	2	5	7	4	4	0
Arkansas State U., Jonesboro	324	101	7	60	1	4	1	2	1	4	19	*	2	0
U. Arkansas, Little Rock	325	101	0	14	14	55	3	0	0	0	10	5	0	0
Villanova U.	326	100	0	19	2	43	2	2	1	3	17	6	3	3
Central Connecticut State U.	327	100	0	17	7	20	8	9	8	0	8	8	16	0
Youngstown State U.	328	100	0	25	5	25	3	5	1	1	30	5	1	0
Morehouse School of Medicine	329	100	0	74	0	0	0	21	0	0	0	2	3	0
Ball State U.	330	100	9	24	5	0	7	14	0	3	22	5	11	0
Northeastern Illinois U.	331	99 i	0 i	18 i	4 i	19 i	9 i	12 i	3 i	6 i	16 i	7 i	5 i	0 i

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Dine C.	332	98 i	0 i	17 i	4 i	19 i	9 i	12 i	3 i	6 i	16 i	7 i	5 i	0 i
Tennessee Technological U.	333	98	3	6	4	58	2	*	3	7	14	1	*	0
Hope C.	334	97	0	21	2	9	4	7	3	0	19	8	0	25
Chapman U.	335	97	3	6	5	*	4	31	1	0	7	19	20	0
St. Cloud State U.	336	97	16	11	11	12	1	4	0	6	19	6	11	0
Bucknell U.	337	96	0	22	3	31	7	0	*	1	20	12	0	0
Loma Linda U.	338	95	0	70	0	5	*	20	0	0	0	0	0	0
Smith C.	339	95	0	38	4	7	7	0	3	1	16	11	3	4
U. Hawaii, Hilo	340	94	50	9	2	1	3	21	0	3	2	2	2	0
SUNY, C. of Environmental Science and Forestry	341	93	8	3	0	36	0	0	0	4	42	0	0	0
U. Massachusetts, Dartmouth	342	91	0	11	2	26	21	1	2	0	18	3	4	3
U. Tennessee, Chattanooga	343	91	0	16	23	34	0	9	0	0	5	3	1	0
U. Alaska, Anchorage	344	90	0	26	5	31	4	2	*	3	6	3	10	0
California State U., Sacramento	345	89	0	5	9	50	1	12	*	1	6	1	1	4
Elon U.	346	88	1	13	4	8	0	32	1	3	14	11	2	0
U. Central Arkansas	347	88	0	37	4	3	2	15	5	2	16	3	2	0
New Mexico Institute of Mining and Technology	348	86	0	4	4	25	25	0	*	0	27	1	0	0
Southern Illinois U., Edwardsville	349	85	5	38	0	14	1	6	2	2	10	0	6	1
Grinnell C.	350	85	13	24	5	0	1	0	2	0	23	10	8	0
Southeastern Louisiana U.	351	85	0	40	0	11	0	12	0	0	18	4	0	0
Stevens Institute of Technology	352	84	1	8	4	37	20	1	0	*	13	0	0	*
U. Northern Iowa	353	84	0	35	1	6	4	1	0	0	18	6	2	12
Clark Atlanta U.	354	84	0	26	8	3	0	0	*	0	47	0	0	0
Spelman C.	355	84	1	16	5	1	0	0	6	1	52	1	0	0
U. South Dakota	356	84	0	47	0	7	7	0	0	0	13	6	4	0
South Dakota School of Mines and Technology	357	84	0	3	2	60	5	0	0	0	12	0	0	0
Fordham U.	358	83	0	27	5	2	0	0	2	21	13	6	7	0
Sam Houston State U.	359	82	2	30	4	4	2	0	1	11	8	5	16	0
Lincoln U., Jefferson City	360	81	65	4	0	0	0	0	0	10	2	0	0	0
Amherst C.	361	80	0	29	3	0	4	0	2	4	27	4	6	0

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Texas Tech U., Health Sciences Center, El Paso	362	79	0	62	0	0	0	17	0	0	0	0	0	0
Eastern Washington U.	363	78	0	23	8	15	5	6	2	3	16	0	0	0
Skidmore C.	364	78	0	29	1	0	6	8	3	1	19	6	6	0
William Paterson U.	365	78	0	17	3	0	0	26	2	3	14	10	3	*
Rutgers, State U. New Jersey, Camden	366	77	1	25	10	1	0	5	3	2	20	10	2	0
U. Wisconsin-Eau Claire	367	75	0	15	2	3	5	13	4	1	18	7	7	0
Charles R. Drew U. of Medicine and Science	368	74	0	50	0	0	0	24	0	0	0	0	0	0
U. Louisiana, Monroe	369	73	0	22	*	0	0	38	0	0	1	0	9	3
St. John's U., New York	370	73	0	15	0	0	0	41	0	0	13	5	*	0
Middlebury C.	371	71	0	24	2	0	10	0	*	3	17	11	5	0
Kennesaw State U.	372	71	0	25	7	11	*	9	1	0	13	2	3	0
Pennsylvania State U., Behrend	373	70	0	1	1	58	1	0	1	1	3	0	4	0
Virginia State U.	374	70	57	3	1	4	0	0	0	0	*	4	0	0
Columbia U., Teachers C.	375	70	0	10	0	0	0	10	10	0	0	25	15	0
Langston U.	376	70	33	7	*	2	0	27	0	0	1	0	0	0
U. of the District of Columbia	377	69	5	15	6	26	0	5	1	1	1	1	3	5
Alcorn State U.	378	68	20	13	2	5	0	0	3	15	*	*	10	0
Willamette U.	379	67	4	17	3	0	2	5	3	0	21	4	8	0
U. of St. Thomas (MN)	380	67 i	0 i	19 i	4 i	18 i	0 i	* i	3 i	0 i	14 i	4 i	6 i	0 i
Towson U.	381	67	0	22	6	0	2	5	2	4	9	12	7	0
DePaul U.	382	67	3	19	7	0	0	0	4	3	17	6	10	0
CUNY, Advanced Science Research Center	383	67	12	39	0	5	10	0	0	0	0	0	0	1
Furman U.	384	67	0	15	0	0	7	3	*	0	36	5	0	0
Texas A&M U.-Kingsville	385	67	22	16	0	15	3	0	0	*	11	0	0	0
Colby C.	386	66	0	25	2	0	6	0	1	3	21	6	2	0
Wellesley C.	387	66	0	33	6	2	6	0	1	*	13	4	*	*
U. of the Sciences Philadelphia	388	66	0	25	2	0	0	16	15	0	7	1	0	0
Xavier U. Louisiana	389	64	0	11	2	0	0	36	1	0	13	1	1	0
U. of the Pacific	390	63	0	3	2	18	4	8	4	0	19	2	3	0
Texas Woman's U.	391	63	0	16	*	0	0	38	*	0	6	2	1	0

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Pacific U.	392	62	0	9	4	0	0	22	3	2	14	7	*	2
Oklahoma State U., Center for Health Sciences	393	62	0	46	0	0	0	6	0	0	0	0	10	0
American U.	394	61	0	8	1	0	0	1	2	8	16	6	19	0
U. Nebraska, Omaha	395	61	0	21	2	6	2	2	1	*	3	12	2	11
Western Carolina U.	396	61	0	7	1	20	7	6	0	3	14	*	3	0
California State U., San Bernardino	397	61	0	9	2	0	1	10	1	0	10	13	14	0
Texas Southern U.	398	59	5	1	1	6	1	7	2	19	5	1	11	0
Purdue U., Fort Wayne	399	58	5	14	1	8	3	1	3	3	11	3	6	0
Kettering U.	400	58	0	5	3	32	0	0	0	0	19	0	0	0
Embry-Riddle Aeronautical U.	401	57	0	2	4	29	3	0	4	0	15	0	0	0
CUNY, C. Staten Island	402	56	2	19	6	3	0	4	0	1	15	5	0	2
Harvey Mudd C.	403	56	0	8	10	16	0	0	3	0	18	1	0	0
Fort Lewis C.	404	56	2	12	3	22	10	2	0	0	5	0	0	0
California State U., Los Angeles	405	56	4	12	1	14	3	5	1	0	13	2	2	0
Chicago State U.	406	56	42	4	1	*	*	2	1	0	4	1	1	0
SUNY, C. of Optometry	407	55	0	40	0	0	0	15	0	0	0	0	0	0
CUNY, New York City C. of Technology	408	55	0	4	1	44	1	0	0	0	3	*	0	0
U. Nebraska, Kearney	409	55	3	7	4	*	*	20	1	*	11	4	3	0
Clark U.	410	54	0	17	0	0	0	0	2	0	16	9	10	0
Bryn Mawr C.	411	54	0	11	2	0	13	0	2	0	13	5	9	0
U. Michigan, Dearborn	412	54	0	0	17	11	2	0	1	*	17	5	1	0
Bowdoin C.	413	54	0	15	2	0	11	0	1	1	13	4	5	2
Indiana U. Pennsylvania	414	54	*	11	2	8	4	6	1	3	8	3	8	0
Central State U.	415	53	9	6	5	29	4	0	*	0	*	0	*	0
U. Northern Colorado	416	53	0	16	*	0	3	12	5	*	10	4	3	0
Loyola Marymount U.	417	52	0	13	1	11	1	3	2	1	8	5	7	0
Colorado C.	418	52	6	6	2	0	4	2	2	5	14	6	6	0
U. Texas Health Science Center, Tyler	419	52	0	48	0	0	0	4	0	0	0	0	0	0
Roseman U. of Health Sciences	420	52	0	23	0	0	0	29	0	0	0	0	0	0
Bradley U.	421	51	0	13	1	23	0	1	0	0	8	4	*	0

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Trinity U.	422	50	7	15	1	5	3	0	*	*	11	4	4	0
U. West Florida	423	50	0	8	1	5	0	3	0	14	7	3	8	0
Eastern Michigan U.	424	50	1	10	2	8	7	4	1	0	13	1	2	0
U. Wisconsin-Stevens Point	425	50	3	21	0	0	2	0	*	3	20	1	0	0
U. of the Incarnate Word	426	50 i	0 i	19 i	4 i	0 i	0 i	* i	3 i	0 i	14 i	4 i	6 i	0 i
U. Guam	427	49	14	13	3	0	2	0	4	12	0	2	0	0
New England C. of Optometry	428	48 i	0 i	19 i	4 i	0 i	0 i	* i	3 i	0 i	13 i	4 i	6 i	0 i
Norfolk State U.	429	48	0	7	8	32	0	0	0	0	*	0	0	0
Middle Tennessee State U.	430	48	2	24	*	2	1	1	0	0	13	1	2	1
Central Washington U.	431	48	0	8	2	1	10	1	0	0	8	10	7	0
West Virginia State U.	432	48	21	9	3	2	1	0	3	5	1	0	4	0
Montana Technological U.	433	47	0	7	*	25	11	0	2	3	1	0	0	0
Eastern Kentucky U.	434	47	1	23	*	0	0	0	0	3	19	1	0	0
CUNY, John Jay C. of Criminal Justice	435	47	2	10	*	0	0	0	0	0	23	6	5	0
U. New England	436	47	4	19	0	0	6	10	0	3	2	0	1	2
Hofstra U.	437	47	1	5	6	9	1	8	2	1	10	2	1	2
Hawaii Pacific U.	438	46	33	9	0	1	0	0	0	0	2	0	0	0
C. Charleston	439	46	0	12	2	0	6	1	0	1	13	10	1	0
U. Arkansas, Pine Bluff	440	45	24	3	1	*	0	0	*	9	5	1	1	0
Swarthmore C.	441	44	0	13	2	6	0	0	1	0	17	3	2	0
Johnson C. Smith U.	442	44	2	14	15	5	0	0	2	2	5	0	0	0
Reed C.	443	44	0	18	0	0	0	0	0	0	19	7	0	0
Calvin C.	444	44	0	9	5	13	2	1	*	*	9	2	2	0
CUNY, Graduate Center	445	44 i	0 i	5 i	5 i	3 i	1 i	4 i	4 i	2 i	4 i	9 i	6 i	0 i
Mount Holyoke C.	446	44	0	11	2	0	5	0	1	*	13	11	*	0
Davidson C.	447	43	0	8	2	0	0	0	*	1	14	17	*	0
New York Institute of Technology	448	42	0	6	2	9	0	20	0	0	5	0	0	0
Pittsburg State U.	449	42	1	26	0	3	0	0	0	0	6	5	0	0
Haverford C.	450	41	0	9	4	0	2	0	3	0	18	6	0	0
Northwestern State U. Louisiana	451	41	0	6	4	12	0	5	3	0	6	3	3	0
Savannah State U.	452	41	2	8	5	8	7	0	1	5	4	0	1	0
Wheaton C., Wheaton	453	41	0	15	1	0	6	4	1	2	8	2	2	0

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Texas A&M U.-Commerce	454	41	6	4	3	7	0	3	5	0	9	4	0	0
Coastal Carolina U.	455	40	0	7	0	2	19	1	1	*	7	2	1	0
U. San Diego	456	40	0	19	0	4	5	6	*	0	3	4	*	0
A. T. Still U.	457	40	0	34	0	0	0	3	0	0	0	0	0	3
Texas A&M International U.	458	40	0	20	0	1	0	*	0	1	17	1	0	0
Tarleton State U.	459	40	11	6	0	14	2	1	0	0	3	0	3	0
Claremont McKenna C.	460	39	1	8	*	0	0	0	4	2	6	8	10	0
SUNY, Oswego	461	39	0	11	1	5	5	0	0	0	10	5	2	0
South Carolina State U.	462	39	0	6	6	18	2	0	1	1	5	1	1	0
Western U. of Health Sciences	463	39	0	23	*	0	0	16	0	0	0	0	0	0
Northern Kentucky U.	464	38	0	16	1	1	*	2	*	0	8	8	2	0
Fayetteville State U.	465	38	*	16	1	0	1	1	1	0	12	1	4	0
Minnesota State U., Mankato	466	38	*	6	0	19	2	0	*	*	7	2	1	0
U. South Carolina, Aiken	467	38	0	9	1	1	2	10	1	0	6	4	4	0
SUNY, Geneseo	468	37	0	5	0	0	8	0	*	0	11	8	5	0
Williams C.	469	37 i	0 i	7 i	3 i	0 i	0 i	0 i	4 i	1 i	12 i	5 i	6 i	0 i
Providence C.	470	36	0	14	0	3	0	0	0	0	11	8	0	0
Ponce Health Sciences U.	471	36	0	29	0	0	0	3	0	0	0	5	0	0
Trinity C., Hartford	472	35	0	8	1	3	0	0	2	1	8	3	9	2
U. Baltimore	473	35	0	2	2	0	0	0	0	0	0	2	28	0
U. Texas, Tyler	474	35	0	16	0	9	0	6	0	0	3	1	0	0
Milwaukee School of Engineering	475	34	0	1	14	19	0	0	0	0	*	0	0	0
Kenyon C.	476	34	0	24	0	0	0	0	2	0	8	1	0	0
U. Puerto Rico, Humacao	477	34	6	5	0	0	0	0	1	0	22	0	0	0
Azusa Pacific U.	478	33	3	12	3	1	1	6	1	0	4	4	0	0
U. Central Oklahoma	479	33	3	12	3	5	0	1	2	*	4	1	0	1
U. Houston-Clear Lake	480	33	0	12	5	5	1	3	1	2	2	3	0	0
Christopher Newport U.	481	33	1	15	3	1	0	0	*	0	2	10	1	0
Pennsylvania State U., Harrisburg	482	32	0	4	0	20	0	3	0	4	1	*	0	0
Babson C.	483	32 i	0 i	6 i	3 i	0 i	0 i	0 i	3 i	2 i	9 i	4 i	4 i	0 i
Saginaw Valley State U.	484	32	2	*	1	12	*	10	*	1	5	1	*	0
Morehead State U.	485	32	0	7	0	9	0	2	0	0	2	4	8	0

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CUNY, York C.	486	31	0	4	2	1	*	15	1	0	5	2	1	0
Bates C.	487	31	0	9	0	0	3	0	*	1	10	2	2	5
Fairfield U.	488	31 i	0 i	6 i	3 i	0 i	0 i	0 i	3 i	1 i	9 i	4 i	4 i	0 i
Canisius C.	489	30 i	0 i	6 i	3 i	0 i	0 i	0 i	3 i	1 i	9 i	4 i	4 i	0 i
Manhattan C.	490	30 i	0 i	6 i	3 i	* i	0 i	0 i	3 i	1 i	9 i	4 i	4 i	0 i
U. San Francisco	491	29	2	7	2	0	1	7	0	0	3	8	0	0
U. Central del Caribe	492	29	0	27	0	0	0	1	0	0	0	*	0	0
U. North Carolina, Asheville	493	29	1	6	*	1	*	1	1	7	10	1	*	0
Morehouse C.	494	29	0	11	2	0	0	0	1	0	7	7	1	0
Edward Via C. of Osteopathic Medicine	495	28	0	19	0	0	0	10	0	0	0	0	0	0
Alfred U.	496	28	0	0	0	28	0	0	0	0	0	0	0	0
Purdue U., Northwest	497	28	0	5	2	11	0	*	0	4	3	1	1	0
California State U., Chico	498	28	1	10	1	3	1	1	1	1	4	1	5	*
Macalester C.	499	27	0	6	1	0	4	0	1	2	6	5	3	0
Hobart and William Smith Colleges	500	26	0	10	*	0	3	0	*	*	8	3	1	0
U. Wisconsin-La Crosse	501	26	1	5	*	0	1	3	0	3	10	2	0	0
U. Oklahoma, Tulsa	502	26	0	5	0	4	0	6	0	0	0	8	2	0
Saint Joseph's U.	503	26	2	10	0	0	0	0	0	0	10	3	0	0
Albany C. of Pharmacy and Health Sciences	504	26	0	17	1	1	0	*	0	0	4	0	3	0
New Jersey City U.	505	26	0	11	0	0	4	2	0	0	9	0	0	0
C. Wooster	506	26	1	11	0	0	0	0	0	1	3	8	1	*
U. Wisconsin-Green Bay	507	25	5	10	1	1	1	0	0	2	5	0	0	0
Philadelphia C. of Osteopathic Medicine	508	25	0	20	0	0	0	2	0	0	0	3	0	0
West Chester U. Pennsylvania	509	25	1	5	0	0	0	3	0	0	9	7	0	0
Kentucky State U.	510	24	21	1	2	0	0	0	0	0	0	0	*	0
U. Ana G. Mendez, Recinto de Gurabo	511	24	0	1	0	18	0	2	0	0	1	2	0	0
U. New Haven	512	24	0	6	1	6	*	*	*	1	7	1	1	0
Gettysburg C.	513	24	0	5	1	0	1	2	1	1	6	5	1	0
Salisbury U.	514	23	*	4	5	*	*	3	*	1	1	6	1	1

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Claflin U.	515	23	2	13	2	1	1	0	1	1	3	0	0	0
Grambling State U.	516	23	0	3	1	10	1	0	3	0	4	0	0	0
SUNY, Buffalo State	517	22	0	3	*	0	10	*	0	0	5	4	*	0
Des Moines U.	518	22	0	0	0	0	0	22	0	0	0	0	0	0
New School	519	22	0	3	1	0	0	0	0	0	0	7	12	0
Claremont Graduate U.	520	21	0	0	*	0	0	9	*	0	0	4	8	0
U. Detroit Mercy	521	21	0	5	0	6	0	2	0	0	7	1	0	0
U. Washington, Bothell	522	21	2	4	2	6	1	*	*	1	2	0	2	0
Sul Ross State U.	523	20	6	10	0	0	0	0	0	1	2	2	0	0
Biola U.	524	20	0	7	*	1	0	5	0	0	6	0	0	0
Keck Graduate Institute	525	20	0	10	0	1	0	8	0	0	0	0	0	0
California State U., Channel Islands	526	18	1	4	*	0	0	*	0	5	7	*	1	0
U. of the Virgin Islands	527	17	10	*	*	*	1	0	*	*	6	0	*	0
Barnard C.	528	17	0	9	0	0	0	0	0	1	1	6	*	0
Andrews U.	529	17	0	7	1	1	0	1	*	0	4	1	2	0
Yeshiva U.	530	17	0	5	*	0	0	1	0	0	7	4	*	0
Dakota State U.	531	17	0	1	15	0	0	*	0	0	1	0	0	0
Lewis and Clark C.	532	16	0	7	*	0	1	0	*	0	5	3	0	0
Appalachian State U.	533	16	0	1	*	0	2	3	0	0	7	*	2	0
Augustana U.	534	15	0	8	*	0	0	*	*	0	6	*	*	0
Roger Williams U.	535	15	3	3	0	3	3	1	*	*	2	*	*	0
California State U., Maritime Academy	536	15	1	2	1	5	2	0	0	1	1	1	1	0
Hampton U.	537	15	0	2	0	3	3	2	0	1	4	0	0	0
California State U., Monterey Bay	538	15	2	3	2	0	3	*	*	2	1	1	*	0
Vassar C.	539	15	0	7	0	0	2	0	0	0	2	1	2	0
CUNY, Lehman C.	540	15	0	7	*	0	*	*	*	0	5	*	1	0
U. Puerto Rico, Cayey	541	14	0	5	0	0	0	0	1	0	6	0	2	0
California State U., Bakersfield	542	14	0	3	1	0	4	1	0	0	2	2	1	0
Pace U.	543	14	0	9	0	0	0	1	0	1	2	1	0	0
Stockton U.	544	14	0	5	0	*	2	*	*	2	4	*	*	0
Fisk U.	545	13	0	3	0	0	0	0	0	0	8	2	0	0

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Monmouth U.	546	13	0	6	*	0	0	0	0	2	4	*	0	0
Albany State U.	547	13	0	5	2	1	0	1	1	0	3	0	0	0
California State Polytechnic U., Pomona	548	12	2	5	3	2	0	0	0	0	1	0	0	0
U. Illinois, Springfield	549	12	0	5	1	1	1	*	0	2	1	1	1	0
Gallaudet U.	550	12	0	4	2	0	*	1	1	*	1	4	*	0
U. Alaska, Southeast	551	12	0	6	0	0	3	0	0	1	1	*	0	0
Salus U.	552	12	0	9	0	0	0	3	0	0	0	0	0	0
Benedict C.	553	11	0	3	2	3	0	0	1	1	1	0	0	0
U. South Florida, Saint Petersburg	554	11	0	3	0	0	1	0	0	2	1	2	1	0
Florida Polytechnic U.	555	11	0	2	5	2	0	2	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	556	11	0	7	*	0	0	3	*	0	0	0	0	0
Austin Peay State U.	557	10	1	2	*	2	1	2	1	1	1	1	1	0
CUNY, Medgar Evers C.	558	10	1	5	1	0	*	0	*	*	2	1	0	0
California State U., Dominguez Hills	559	10	0	4	1	0	1	*	0	0	4	1	0	0
Bowie State U.	560	10	0	6	3	0	0	0	1	0	0	0	0	0
U. Southern Maine	561	10	2	1	4	1	0	0	0	2	1	0	0	0
Winston-Salem State U.	562	10	0	3	1	0	0	1	0	0	2	2	1	0
Heidelberg U.	563	9	0	1	0	0	0	0	0	8	0	0	0	0
California State U., Stanislaus	564	8	0	3	*	0	*	0	*	0	3	0	1	0
Suffolk U.	565	8	0	2	0	0	*	0	0	*	2	1	1	0
Touro U.	566	8	0	4	0	0	0	4	0	0	0	0	0	0
American Samoa Community C.	567	8	4	2	0	0	0	0	0	0	0	0	1	1
CUNY, Baruch C.	568	8	0	2	2	0	*	0	0	0	1	2	1	0
U. Washington, Tacoma	569	7	0	2	2	1	0	0	0	1	0	1	*	0
Seattle U.	570	6	0	2	0	*	0	0	*	*	3	0	*	0
Northwest Indian C.	571	6	*	1	*	1	4	*	0	1	*	0	0	0
SUNY, C. Brockport	572	6	1	4	*	0	*	*	0	*	*	*	*	0
Alaska Pacific U.	573	6	0	1	1	0	0	0	0	5	0	0	0	0
Marshall B. Ketchum U.	574	5	0	1	0	0	0	4	*	0	1	0	0	0

TABLE 3

Science and engineering research space in academic institutions, ranked by total net assignable square feet, by field: FY 2019

(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
U. Ana G. Mendez, Cupey Campus	575	5	0	4	1	0	0	0	0	0	*	0	0	0
California State U., San Marcos	576	5	0	1	0	1	0	3	0	0	0	1	0	0
Toyota Technological Institute, Chicago	577	5	0	*	4	1	0	0	0	0	0	0	0	0
Maine Maritime Academy	578	4	0	0	0	4	1	0	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	579	4	0	4	0	0	0	*	0	0	0	0	0	0
Tougaloo C.	580	3	0	2	1	*	0	0	0	*	*	0	0	0
Polytechnic U. Puerto Rico	581	3	0	1	1	1	0	0	0	0	1	0	0	0
SUNY, C. Plattsburgh	582	3	0	0	0	0	0	1	0	1	*	0	0	0
Emerson C.	583	3	0	0	0	0	0	1	0	0	*	0	2	0
National U. of Natural Medicine	584	2	0	0	0	0	0	2	0	0	0	0	0	0
Bethune-Cookman U.	585	2	0	1	0	0	*	0	0	*	0	0	0	0
MGH Institute of Health Professions	586	1	0	0	0	0	0	1	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	587	1	*	*	0	0	0	*	0	*	0	0	0	0
Saint Michael's C.	588	1	0	1	*	0	0	0	*	0	*	*	*	0
Oregon Institute of Technology	589	*	*	*	*	*	*	*	*	*	*	*	*	0
CUNY, Graduate School of Public Health and Health Policy[c]	590	0	0	0	0	0	0	0	0	0	0	0	0	0

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

[a] 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.

[b] Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

[c] CUNY Graduate School of Public Health and Health Policy uses science and engineering research space that is owned and administered by other CUNY institutions. Therefore, no research space is reported for this institution.

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 2019.

TABLE 4

Condition of science and engineering research space in academic institutions, by field: FY 2019

(Net assignable square feet in millions and percent)

Field	NASF[a]	Condition (% NASF)			
		Superior	Satisfactory	Requires renovations	Requires replacement
All research space	219.9	36	45	15	4
Agricultural sciences	26.0	27	48	21	4
Biological and biomedical sciences	57.2	39	43	14	4
Computer and information sciences	4.4	41	49	8	2
Engineering	37.3	37	45	15	3
Geosciences, atmospheric sciences, and ocean sciences	8.6	29	51	18	3
Health sciences	40.3	41	43	13	4
Mathematics and statistics	1.7	25	51	17	6
Natural resources and conservation	4.5	24	48	19	9
Physical sciences	22.8	35	43	18	4
Psychology	5.7	32	48	16	5
Social sciences	6.2	29	53	15	3
Other	5.3	45	40	12	3

NASF = net assignable square feet.

[a] Includes NASF located only at those institutions that also rated condition of their space. Consequently, this table accounts for approximately 7.4 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 2019.

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
Alabama													
Public													
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	389	91	22	7	112	3	49	*	51	50	4	0	0
U. Alabama, Birmingham	780	0	214	4	41	0	496	*	0	12	10	2	0
U. Alabama, Huntsville	278	1	15	24	136	22	2	5	1	71	1	1	0
U. Alabama, Tuscaloosa	278	0	65	6	106	11	3	*	6	62	8	10	0
U. South Alabama	218	1	97	3	27	4	51	*	0	12	6	18	0
Private													
Tuskegee U.	309	96	28	13	153	0	19	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	90	0	26	5	31	4	2	*	3	6	3	10	0
U. Alaska, Fairbanks	801	124	146	46	140	155	23	9	76	21	6	37	18
U. Alaska, Southeast	12	0	6	0	0	3	0	0	1	1	*	0	0
Private													
Alaska Pacific U.	6	0	1	1	0	0	0	0	5	0	0	0	0
Arizona													
Public													
Arizona State U.	1,189	0	325	10	394	76	14	*	0	187	59	75	49
Dine C.	98 i	0 i	17 i	4 i	19 i	9 i	12 i	3 i	6 i	16 i	7 i	5 i	0 i
Northern Arizona U.	237	0	102	12	15	20	17	2	23	30	7	10	0
U. Arizona	1,621	308	275	12	125	194	151	3	40	396	14	32	70
Arkansas													
Public													
Arkansas State U., Jonesboro	101	7	60	1	4	1	2	1	4	19	*	2	0
U. Arkansas for Medical Sciences	233	0	137	0	0	0	96	0	0	0	0	0	0
U. Arkansas, Fayetteville	815	390	74	5	199	24	9	2	2	88	9	11	3
U. Arkansas, Little Rock	101	0	14	14	55	3	0	0	0	10	5	0	0
U. Arkansas, Pine Bluff	45	24	3	1	*	0	0	*	9	5	1	1	0
U. Central Arkansas	88	0	37	4	3	2	15	5	2	16	3	2	0
California													
Public													

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
California Polytechnic State U., San Luis Obispo	228	27	40	16	68	14	10	5	4	24	2	2	17
California State Polytechnic U., Pomona	12	2	5	3	2	0	0	0	0	1	0	0	0
California State U., Bakersfield	14	0	3	1	0	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	28	1	10	1	3	1	1	1	1	4	1	5	*
California State U., Dominguez Hills	10	0	4	1	0	1	*	0	0	4	1	0	0
California State U., Fresno	105	50	17	*	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	162	0	44	3	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., Maritime Academy	15	1	2	1	5	2	0	0	1	1	1	1	0
California State U., Monterey Bay	15	2	3	2	0	3	*	*	2	1	1	*	0
California State U., Northridge	121	0	29	2	29	6	17	0	0	28	8	3	0
California State U., Sacramento	89	0	5	9	50	1	12	*	1	6	1	1	4
California State U., San Bernardino	61	0	9	2	0	1	10	1	0	10	13	14	0
California State U., San Marcos	5	0	1	0	1	0	3	0	0	0	1	0	0
California State U., Stanislaus	8	0	3	*	0	*	0	*	0	3	0	1	0
Humboldt State U.	101	23	30	1	12	8	6	2	5	7	4	4	0
San Diego State U.	240	0	51	10	45	8	27	3	5	32	45	14	0
San Francisco State U.	133	0	44	2	8	41	0	1	0	25	9	4	0
San Jose State U.	177	13	32	4	38	34	12	3	1	33	3	4	0
U. California, Berkeley	2,408	0	724	22	572	72	92	39	209	378	44	217	38
U. California, Davis	3,089	758	927	26	327	84	510	14	26	182	40	80	114
U. California, Irvine	1,568	0	454	59	262	40	376	17	0	222	51	88	0
U. California, Los Angeles	2,918	1	429	42	261	134	1,221	38	0	328	79	159	226
U. California, Merced	267	0	42	8	52	1	10	11	5	69	23	41	5
U. California, Riverside	1,045	335	190	23	160	37	41	17	2	149	42	23	26
U. California, San Diego	2,951	0	301	0	674	332	858	17	0	285	59	133	292
U. California, San Francisco	1,898	0	315	0	0	0	1,374	0	0	0	0	16	194
U. California, Santa Barbara	878	0	156	22	227	75	1	9	32	171	40	95	48
U. California, Santa Cruz	642	0	111	7	104	125	0	12	0	178	25	52	28
Private													
Azusa Pacific U.	33	3	12	3	1	1	6	1	0	4	4	0	0

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
Biola U.	20	0	7	*	1	0	5	0	0	6	0	0	0
California Institute of Technology	743	0	216	8	169	61	0	0	0	281	0	7	0
Chapman U.	97	3	6	5	*	4	31	1	0	7	19	20	0
Charles R. Drew U. of Medicine and Science	74	0	50	0	0	0	24	0	0	0	0	0	0
Claremont Graduate U.	21	0	0	*	0	0	9	*	0	0	4	8	0
Claremont McKenna C.	39	1	8	*	0	0	0	4	2	6	8	10	0
Harvey Mudd C.	56	0	8	10	16	0	0	3	0	18	1	0	0
Keck Graduate Institute	20	0	10	0	1	0	8	0	0	0	0	0	0
Loma Linda U.	95	0	70	0	5	*	20	0	0	0	0	0	0
Loyola Marymount U.	52	0	13	1	11	1	3	2	1	8	5	7	0
Marshall B. Ketchum U.	5	0	1	0	0	0	4	*	0	1	0	0	0
Occidental C.	163	0	48	0	0	21	1	10	0	48	2	33	0
Pomona C.	111	2	31	5	0	8	0	6	3	40	9	8	0
Santa Clara U.	135 i	0 i	19 i	2 i	67 i	0 i	* i	5 i	0 i	31 i	5 i	7 i	0 i
Scripps Research Institute	748	0	748	0	0	0	0	0	0	0	0	0	0
Stanford U.	1,731	0	541	26	257	50	508	5	7	272	22	30	13
Touro U.	8	0	4	0	0	0	4	0	0	0	0	0	0
U. of the Pacific	63	0	3	2	18	4	8	4	0	19	2	3	0
U. San Diego	40	0	19	0	4	5	6	*	0	3	4	*	0
U. San Francisco	29	2	7	2	0	1	7	0	0	3	8	0	0
U. Southern California	1,052	0	238	188	147	78	237	1	0	72	23	46	23
Western U. of Health Sciences	39	0	23	*	0	0	16	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	187	0	15	3	109	11	0	0	0	33	0	0	15
Colorado State U., Fort Collins	1,242	157	195	6	229	64	250	5	168	99	13	7	49
Colorado State U., Pueblo	102 i	0 i	21 i	4 i	19 i	9 i	12 i	3 i	6 i	16 i	7 i	5 i	0 i
Fort Lewis C.	56	2	12	3	22	10	2	0	0	5	0	0	0
U. Colorado Boulder	988	0	176	23	282	135	8	3	40	252	58	10	0
U. Colorado Colorado Springs	131	0	25	5	23	5	17	3	0	24	11	14	3
U. Colorado Denver and Anschutz Medical Campus	909	0	180	0	18	0	703	1	0	2	1	4	0
U. Northern Colorado	53	0	16	*	0	3	12	5	*	10	4	3	0

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
Private													
Colorado C.	52	6	6	2	0	4	2	2	5	14	6	6	0
U. Denver	123	0	23	1	29	1	0	1	0	28	18	22	0
Connecticut													
Public													
Central Connecticut State U.	100	0	17	7	20	8	9	8	0	8	8	16	0
Southern Connecticut State U.	106	0	12	5	5	10	34	1	5	20	6	5	2
U. Connecticut	945	99	276	7	108	33	272	2	8	89	48	3	0
Private													
Connecticut C.	138	0	6	1	0	2	0	6	4	77	20	20	0
Fairfield U.	31 i	0 i	6 i	3 i	0 i	0 i	0 i	3 i	1 i	9 i	4 i	4 i	0 i
Trinity C., Hartford	35	0	8	1	3	0	0	2	1	8	3	9	2
U. New Haven	24	0	6	1	6	*	*	*	1	7	1	1	0
Wesleyan U.	116	0	31	2	0	8	0	3	7	42	14	8	0
Yale U.	2,447	0	726	28	123	38	984	18	48	229	44	172	38
Delaware													
Public													
Delaware State U.	258	29	28	20	2	3	8	2	8	119	33	5	1
U. Delaware	526	111	17	8	144	61	43	2	8	97	16	11	8
District of Columbia													
Public													
U. of the District of Columbia	69	5	15	6	26	0	5	1	1	1	1	3	5
Private													
American U.	61	0	8	1	0	0	1	2	8	16	6	19	0
Catholic U. of America	125	0	22	4	30	0	7	1	0	48	6	8	0
Gallaudet U.	12	0	4	2	0	*	1	1	*	1	4	*	0
George Washington U.	615	0	205	29	98	0	167	4	1	72	4	10	25
Georgetown U.	483	0	109	2	0	0	159	1	0	57	6	148	0
Howard U.	456	0	138	10	42	11	163	8	0	15	16	45	8
Florida													
Public													
Florida A&M U.	159	43	26	1	41	12	21	0	10	2	*	2	0
Florida Atlantic U.	287	39	123	0	34	10	1	0	3	24	10	5	38
Florida Gulf Coast U.	151	73	65	1	8	2	1	0	0	0	*	0	0

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
Florida International U.	481	0	108	19	100	19	25	*	19	53	137	1	*
Florida Polytechnic U.	11	0	2	5	2	0	2	0	0	0	0	0	0
Florida State U.	453	0	61	7	122	31	27	2	3	141	36	23	0
U. Central Florida	717	5	273	22	210	8	41	0	58	66	19	6	9
U. Florida	4,253	2,140	557	25	525	28	510	10	160	214	46	38	0
U. North Florida	176	0	49	10	45	0	24	7	0	33	5	3	0
U. South Florida, Saint Petersburg	11	0	3	0	0	1	0	0	2	1	2	1	0
U. South Florida, Tampa	727	0	62	10	100	123	279	3	1	80	23	47	0
U. West Florida	50	0	8	1	5	0	3	0	14	7	3	8	0
Private													
Bethune-Cookman U.	2	0	1	0	0	*	0	0	*	0	0	0	0
Embry-Riddle Aeronautical U.	57	0	2	4	29	3	0	4	0	15	0	0	0
Florida Institute of Technology	235	0	40	15	86	10	0	2	0	60	22	0	0
Nova Southeastern U.	209	0	53	0	0	87	61	*	1	*	5	0	0
U. Miami	378	0	118	1	14	19	171	0	13	29	13	*	0
Georgia													
Public													
Albany State U.	13	0	5	2	1	0	1	1	0	3	0	0	0
Augusta U.	274	0	195	1	0	0	74	1	1	1	1	1	0
Fort Valley State U.	461	188	57	18	20	0	33	55	0	63	14	14	0
Georgia Institute of Technology	2,830	0	112	83	2,392	20	26	*	0	116	25	6	50
Georgia Southern U.	152	5	44	2	65	2	4	2	0	14	8	6	0
Georgia State U.	216	0	110	*	0	6	9	0	0	63	26	1	0
Kennesaw State U.	71	0	25	7	11	*	9	1	0	13	2	3	0
Savannah State U.	41	2	8	5	8	7	0	1	5	4	0	1	0
U. Georgia	3,945	2,022	364	3	149	233	418	*	305	98	41	15	297
Private													
Clark Atlanta U.	84	0	26	8	3	0	0	*	0	47	0	0	0
Emory U.	926	0	443	*	0	0	307	4	20	100	40	12	0
Mercer U.	203	0	0	1	99	0	84	2	0	13	3	1	0
Morehouse C.	29	0	11	2	0	0	0	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													

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
Public													
U. Hawaii, Hilo	94	50	9	2	1	3	21	0	3	2	2	2	0
U. Hawaii, Manoa	1,079	6	264	23	112	224	173	8	23	143	17	86	0
Private													
Hawaii Pacific U.	46	33	9	0	1	0	0	0	0	2	0	0	0
Idaho													
Public													
Boise State U.	122	0	31	5	50	13	3	1	2	15	*	1	0
Idaho State U.	296	0	37	4	132	14	20	1	0	28	11	7	42
U. Idaho	482	191	135	4	54	12	16	1	32	33	*	4	0
Illinois													
Public													
Chicago State U.	56	42	4	1	*	*	2	1	0	4	1	1	0
Illinois State U.	490 i	206 i	77 i	55 i	3 i	21 i	18 i	15 i	2 i	58 i	19 i	15 i	0 i
Northeastern Illinois U.	99 i	0 i	18 i	4 i	19 i	9 i	12 i	3 i	6 i	16 i	7 i	5 i	0 i
Northern Illinois U.	123	0	32	4	11	10	4	1	0	40	18	4	0
Southern Illinois U., Carbondale	328	129	70	*	39	6	42	*	5	22	10	4	0
Southern Illinois U., Edwardsville	85	5	38	0	14	1	6	2	2	10	0	6	1
U. Illinois, Chicago	1,062	0	341	16	93	7	425	3	1	91	12	18	56
U. Illinois, Springfield	12	0	5	1	1	1	*	0	2	1	1	1	0
U. Illinois, Urbana-Champaign	3,080	815	349	158	635	20	160	5	318	210	71	24	315
Western Illinois U.	118	4	46	3	15	5	4	0	0	32	4	5	0
Private													
Bradley U.	51	0	13	1	23	0	1	0	0	8	4	*	0
DePaul U.	67	3	19	7	0	0	0	4	3	17	6	10	0
Illinois Institute of Technology	141	4	8	7	93	0	0	7	0	18	3	0	0
Loyola U., Chicago	370	3	269	6	3	0	59	6	3	14	2	6	0
Midwestern U.	123	*	95	0	0	1	27	0	0	0	*	0	0
Northwestern U.	1,173	0	210	6	166	8	448	4	3	134	12	19	163
Rosalind Franklin U. of Medicine and Science	399	0	384	0	0	0	15	0	0	0	0	0	0
Rush U.	202	0	38	0	0	0	124	0	0	0	3	0	37
Toyota Technological Institute, Chicago	5	0	*	4	1	0	0	0	0	0	0	0	0
U. Chicago	1,334	0	619	14	70	33	364	5	0	175	39	14	2

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
Wheaton C., Wheaton	41	0	15	1	0	6	4	1	2	8	2	2	0
Indiana													
Public													
Ball State U.	100	9	24	5	0	7	14	0	3	22	5	11	0
Indiana U., Bloomington	564	0	150	3	16	35	50	0	5	170	71	42	22
Indiana U.-Purdue U., Indianapolis	752	0	161	15	27	14	495	*	0	25	11	3	0
Purdue U., Fort Wayne	58	5	14	1	8	3	1	3	3	11	3	6	0
Purdue U., Northwest	28	0	5	2	11	0	*	0	4	3	1	1	0
Purdue U., West Lafayette	1,567	458	145	46	513	18	140	7	27	153	21	13	28
Private													
U. Notre Dame	619	0	111	2	221	7	28	25	0	195	15	16	0
Iowa													
Public													
Iowa State U.	1,511	977	191	4	168	2	10	2	8	90	4	5	50
U. Iowa	670	0	211	4	120	3	228	1	0	81	19	3	1
U. Northern Iowa	84	0	35	1	6	4	1	0	0	18	6	2	12
Private													
Des Moines U.	22	0	0	0	0	0	22	0	0	0	0	0	0
Grinnell C.	85	13	24	5	0	1	0	2	0	23	10	8	0
Palmer C. of Chiropractic, Davenport	11	0	7	*	0	0	3	*	0	0	0	0	0
Kansas													
Public													
Kansas State U.	1,218	225	241	19	312	13	96	13	89	153	22	35	0
Pittsburg State U.	42	1	26	0	3	0	0	0	0	6	5	0	0
U. Kansas	1,078	0	402	11	107	54	326	9	22	101	19	26	0
Wichita State U.	846	0	15	0	774	8	6	0	0	26	7	6	2
Kentucky													
Public													
Eastern Kentucky U.	47	1	23	*	0	0	0	0	3	19	1	0	0
Kentucky State U.	24	21	1	2	0	0	0	0	0	0	0	*	0
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.	38	0	16	1	1	*	2	*	0	8	8	2	0
U. Kentucky	2,780	910	642	9	365	102	605	5	19	70	23	31	0

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U. Louisville	571	*	74	0	94	0	332	0	0	47	17	6	1
Western Kentucky U.	124	5	15	12	27	10	4	7	0	39	4	0	0
Louisiana													
Public													
Grambling State U.	23	0	3	1	10	1	0	3	0	4	0	0	0
Louisiana State U., Baton Rouge	1,375	503	126	5	215	162	103	4	39	154	12	22	32
Louisiana State U., Health Sciences Center, New Orleans	220	0	161	0	0	0	60	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	198	0	163	0	0	0	33	0	0	0	1	0	0
Louisiana Tech U.	234	13	16	11	127	0	11	4	1	36	4	9	2
Northwestern State U. Louisiana	41	0	6	4	12	0	5	3	0	6	3	3	0
Southeastern Louisiana U.	85	0	40	0	11	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	230	18	20	23	65	0	2	6	52	26	2	15	0
U. Louisiana, Lafayette	823	57	538	60	49	6	18	4	48	11	2	14	16
U. Louisiana, Monroe	73	0	22	*	0	0	38	0	0	1	0	9	3
U. New Orleans	111	0	22	3	10	14	0	1	0	47	3	12	0
Private													
Dillard U.	565	0	110	42	10	150	42	46	50	68	23	23	0
Tulane U.	1,181	0	143	4	45	38	319	16	6	65	22	68	455
Xavier U. Louisiana	64	0	11	2	0	0	36	1	0	13	1	1	0
Maine													
Public													
Maine Maritime Academy	4	0	0	0	4	1	0	0	0	0	0	0	0
U. Maine	686	302	60	17	214	26	1	*	31	15	13	6	*
U. Southern Maine	10	2	1	4	1	0	0	0	2	1	0	0	0
Private													
Bates C.	31	0	9	0	0	3	0	*	1	10	2	2	5
Bowdoin C.	54	0	15	2	0	11	0	1	1	13	4	5	2
Colby C.	66	0	25	2	0	6	0	1	3	21	6	2	0
U. New England	47	4	19	0	0	6	10	0	3	2	0	1	2
Maryland													

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Public													
Bowie State U.	10	0	6	3	0	0	0	1	0	0	0	0	0
Morgan State U.	232	2	49	3	59	22	4	3	3	35	7	43	2
Salisbury U.	23	*	4	5	*	*	3	*	1	1	6	1	1
Towson U.	67	0	22	6	0	2	5	2	4	9	12	7	0
U. Baltimore	35	0	2	2	0	0	0	0	0	0	2	28	0
U. Maryland[a]	1,858	186	490	17	250	5	659	*	0	154	30	46	21
U. Maryland Center for Environmental Science	257	20	76	0	0	147	0	7	0	0	0	7	0
U. Maryland, Baltimore County	348	0	49	36	68	15	14	7	6	61	21	24	47
U. Maryland, Eastern Shore	114	62	12	0	25	6	6	1	1	2	0	0	0
Private													
Johns Hopkins U.	2,978	0	639	202	869	20	636	14	0	377	51	37	133
Massachusetts													
Public													
U. Massachusetts, Amherst	707	91	123	40	190	19	49	2	25	104	54	9	0
U. Massachusetts, Boston	172	0	43	4	9	15	8	0	0	24	25	32	13
U. Massachusetts, Dartmouth	91	0	11	2	26	21	1	2	0	18	3	4	3
U. Massachusetts, Lowell	314	0	9	12	152	9	32	0	0	94	3	4	0
U. Massachusetts, Medical School	618	0	388	0	0	0	230	0	0	0	0	0	0
Private													
Amherst C.	80	0	29	3	0	4	0	2	4	27	4	6	0
Babson C.	32 i	0 i	6 i	3 i	0 i	0 i	0 i	3 i	2 i	9 i	4 i	4 i	0 i
Boston C.	167	0	43	*	0	18	3	1	0	56	19	27	0
Boston U.	1,055	0	524	7	170	17	198	2	0	99	17	20	0
Brandeis U.	254	0	117	6	0	0	0	6	0	56	14	56	0
Clark U.	54	0	17	0	0	0	0	2	0	16	9	10	0
Emerson C.	3	0	0	0	0	0	1	0	0	*	0	2	0
Harvard U.	2,416	32	1,173	25	127	98	65	66	0	399	60	296	76
Massachusetts Institute of Technology	1,831	0	263	116	658	51	0	10	0	510	0	34	191
MGH Institute of Health Professions	1	0	0	0	0	0	1	0	0	0	0	0	0
Mount Holyoke C.	44	0	11	2	0	5	0	1	*	13	11	*	0
New England C. of Optometry	48 i	0 i	19 i	4 i	0 i	0 i	* i	3 i	0 i	13 i	4 i	6 i	0 i
Northeastern U.	395	0	29	27	138	16	64	2	0	73	24	9	11

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Smith C.	95	0	38	4	7	7	0	3	1	16	11	3	4
Suffolk U.	8	0	2	0	0	*	0	0	*	2	1	1	0
Tufts U.	716	0	222	6	101	6	320	*	0	43	16	1	2
Wellesley C.	66	0	33	6	2	6	0	1	*	13	4	*	*
Williams C.	37 i	0 i	7 i	3 i	0 i	0 i	0 i	4 i	1 i	12 i	5 i	6 i	0 i
Woods Hole Oceanographic Institution	311	0	60	7	79	108	0	5	0	50	0	2	0
Worcester Polytechnic Institute	133	0	20	9	80	0	1	7	0	14	1	2	0
Michigan													
Public													
Central Michigan U.	296	14	118	5	29	9	36	9	5	32	26	13	0
Eastern Michigan U.	50	1	10	2	8	7	4	1	0	13	1	2	0
Grand Valley State U.	130	0	19	2	46	3	19	0	25	6	6	4	0
Michigan State U.	2,814	1,071	594	25	230	25	198	11	100	376	35	58	90
Michigan Technological U.	366	0	23	4	234	42	4	2	0	32	2	3	19
Oakland U.	131	0	31	4	19	0	45	*	0	24	8	0	0
Saginaw Valley State U.	32	2	*	1	12	*	10	*	1	5	1	*	0
U. Michigan, Ann Arbor	1,905	12	363	4	463	47	663	4	8	167	32	82	61
U. Michigan, Dearborn	54	0	0	17	11	2	0	1	*	17	5	1	0
Wayne State U.	891	7	260	10	116	2	284	7	2	131	46	26	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	125	0	44	2	33	5	14	3	0	20	1	4	0
Private													
Andrews U.	17	0	7	1	1	0	1	*	0	4	1	2	0
Calvin C.	44	0	9	5	13	2	1	*	*	9	2	2	0
Hope C.	97	0	21	2	9	4	7	3	0	19	8	0	25
Kettering U.	58	0	5	3	32	0	0	0	0	19	0	0	0
Lawrence Technological U.	151	5	34	8	81	6	4	5	5	1	1	1	0
U. Detroit Mercy	21	0	5	0	6	0	2	0	0	7	1	0	0
Van Andel Research Institute	126	0	126	0	0	0	0	0	0	0	0	0	0
Minnesota													
Public													
Minnesota State U., Mankato	38	*	6	0	19	2	0	*	*	7	2	1	0
St. Cloud State U.	97	16	11	11	12	1	4	0	6	19	6	11	0
U. Minnesota, Duluth	236	0	17	1	31	23	*	*	143	2	2	2	14

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U. Minnesota, Twin Cities	3,763	1,450	473	36	305	174	756	52	113	194	93	117	0
Private													
Carleton C.	137	0	37	22	0	13	0	5	1	35	16	8	0
Macalester C.	27	0	6	1	0	4	0	1	2	6	5	3	0
U. of St. Thomas (MN)	67 i	0 i	19 i	4 i	18 i	0 i	* i	3 i	0 i	14 i	4 i	6 i	0 i
Mississippi													
Public													
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.	2,177	1,074	97	11	530	26	219	12	18	90	23	78	0
U. Mississippi	490	0	334	*	20	2	72	0	0	55	1	4	0
U. Southern Mississippi	458	2	171	4	26	39	14	3	80	96	9	14	0
Private													
Tougaloo C.	3	0	2	1	*	0	0	0	*	*	0	0	0
Missouri													
Public													
Lincoln U., Jefferson City	81	65	4	0	0	0	0	0	10	2	0	0	0
Missouri State U.	110	27	16	1	15	10	15	0	5	12	6	3	0
Missouri U. of Science and Technology	258	0	12	7	167	36	0	0	0	33	1	0	1
U. Missouri, Columbia	778	291	138	22	92	8	123	1	30	45	15	13	0
U. Missouri, Kansas City	660	0	62	25	46	12	400	3	0	59	16	13	23
U. Missouri, Saint Louis	129	0	40	2	0	0	4	2	0	42	24	15	0
Private													
A. T. Still U.	40	0	34	0	0	0	3	0	0	0	0	0	3
Saint Louis U.	512	0	179	1	12	12	265	1	0	18	19	4	0
Washington U., Saint Louis	1,215	0	416	4	71	19	601	1	0	82	11	10	0
Montana													
Public													
Montana State U., Bozeman	309	146	35	2	49	7	1	1	7	59	0	4	0
Montana Technological U.	47	0	7	*	25	11	0	2	3	1	0	0	0
U. Montana, Missoula	278	59	92	2	0	19	61	3	4	19	1	6	13
Nebraska													
Public													
U. Nebraska, Kearney	55	3	7	4	*	*	20	1	*	11	4	3	0

TABLE 5

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U. Nebraska, Lincoln	1,459	721	232	10	170	9	97	0	48	97	12	60	3
U. Nebraska, Medical Center	556	0	194	0	7	0	355	0	0	0	0	0	0
U. Nebraska, Omaha	61	0	21	2	6	2	2	1	*	3	12	2	11
Private													
Creighton U.	135	0	62	*	0	0	51	1	0	13	3	4	0
Nevada													
Public													
Desert Research Institute	136	6	20	12	3	87	4	0	1	0	0	3	0
U. Nevada, Las Vegas	234	0	43	19	61	16	28	*	0	38	16	10	3
U. Nevada, Reno	494	74	144	15	90	30	8	0	18	92	15	9	0
Private													
Roseman U. of Health Sciences	52	0	23	0	0	0	29	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	374	84	63	17	61	78	6	*	16	32	8	5	4
Private													
Dartmouth C.	746	0	254	26	74	23	158	22	12	81	38	60	0
New Jersey													
Public													
Montclair State U.	109	4	20	9	1	16	13	6	3	16	16	3	2
New Jersey City U.	26	0	11	0	0	4	2	0	0	9	0	0	0
New Jersey Institute of Technology	135	0	13	6	90	0	0	*	0	26	0	0	0
Rowan U.	184	0	15	1	19	3	129	*	0	10	1	3	3
Rutgers, State U. New Jersey, Camden	77	1	25	10	1	0	5	3	2	20	10	2	0
Rutgers, State U. New Jersey, New Brunswick	1,833	319	538	9	151	33	600	0	35	54	73	21	0
Rutgers, State U. New Jersey, Newark	114	0	33	1	0	2	0	5	0	34	13	5	20
Stockton U.	14	0	5	0	*	2	*	*	2	4	*	*	0
William Paterson U.	78	0	17	3	0	0	26	2	3	14	10	3	*
Private													
Monmouth U.	13	0	6	*	0	0	0	0	2	4	*	0	0
Princeton U.	707	0	129	25	200	31	0	25	0	200	26	70	0
Stevens Institute of Technology	84	1	8	4	37	20	1	0	*	13	0	0	*
New Mexico													

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Public													
New Mexico Institute of Mining and Technology	86	0	4	4	25	25	0	*	0	27	1	0	0
New Mexico State U.	563	328	29	24	112	1	4	6	18	31	2	6	2
U. New Mexico	543	0	130	14	112	18	169	2	5	51	12	29	*
New York													
Public													
CUNY, Advanced Science Research Center	67	12	39	0	5	10	0	0	0	0	0	0	1
CUNY, Baruch C.	8	0	2	2	0	*	0	0	0	1	2	1	0
CUNY, Brooklyn C.	106	0	38	2	0	11	4	0	0	30	18	3	0
CUNY, C. Staten Island	56	2	19	6	3	0	4	0	1	15	5	0	2
CUNY, City C.	856	0	213	23	203	52	64	18	10	190	27	56	0
CUNY, Graduate Center	44 i	0 i	5 i	5 i	3 i	1 i	4 i	4 i	2 i	4 i	9 i	6 i	0 i
CUNY, Graduate School of Public Health and Health Policy[b]	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	301 i	0 i	63 i	8 i	3 i	10 i	73 i	10 i	2 i	53 i	29 i	50 i	0 i
CUNY, John Jay C. of Criminal Justice	47	2	10	*	0	0	0	0	0	23	6	5	0
CUNY, Lehman C.	15	0	7	*	0	*	*	*	0	5	*	1	0
CUNY, Medgar Evers C.	10	1	5	1	0	*	0	*	*	2	1	0	0
CUNY, New York City C. of Technology	55	0	4	1	44	1	0	0	0	3	*	0	0
CUNY, Queens C.	124	1	21	3	0	4	10	5	4	30	30	17	0
CUNY, York C.	31	0	4	2	1	*	15	1	0	5	2	1	0
SUNY, Binghamton U.	242	0	22	15	93	6	5	1	*	36	28	14	22
SUNY, Buffalo State	22	0	3	*	0	10	*	0	0	5	4	*	0
SUNY, C. Brockport	6	1	4	*	0	*	*	0	*	*	*	*	0
SUNY, C. of Environmental Science and Forestry	93	8	3	0	36	0	0	0	4	42	0	0	0
SUNY, C. of Optometry	55	0	40	0	0	0	15	0	0	0	0	0	0
SUNY, C. Plattsburgh	3	0	0	0	0	0	1	0	1	*	0	0	0
SUNY, Downstate Medical Center	317	0	163	0	0	0	154	0	0	0	0	0	0
SUNY, Geneseo	37	0	5	0	0	8	0	*	0	11	8	5	0
SUNY, Oswego	39	0	11	1	5	5	0	0	0	10	5	2	0
SUNY, Polytechnic Institute	654	0	202	0	451	0	0	0	1	0	0	0	0

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SUNY, Stony Brook U.	1,037	0	261	53	136	93	206	28	6	181	37	22	13
SUNY, U. Albany	195	0	32	6	1	32	8	*	0	28	12	62	14
SUNY, U. Buffalo	734	0	191	17	142	16	234	2	0	82	29	20	0
SUNY, Upstate Medical U.	282	0	273	0	0	0	9	0	0	0	0	0	0
Private													
Albany C. of Pharmacy and Health Sciences	26	0	17	1	1	0	*	0	0	4	0	3	0
Albany Medical C.	172 i	0 i	146 i	1 i	0 i	0 i	19 i	* i	0 i	1 i	1 i	4 i	0 i
Albert Einstein C. of Medicine	549	0	297	0	0	0	200	0	0	0	0	0	52
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 C.	30 i	0 i	6 i	3 i	0 i	0 i	0 i	3 i	1 i	9 i	4 i	4 i	0 i
Clarkson U.	148	0	15	1	92	0	1	1	2	31	2	0	2
Cold Spring Harbor Laboratory	165	20	138	7	0	0	0	0	0	0	0	0	0
Colgate U.	134	0	35	5	0	26	0	8	4	26	15	13	0
Columbia U. in the City of New York	2,006	0	537	64	199	151	513	30	81	300	75	56	0
Columbia U., Teachers C.	70	0	10	0	0	0	10	10	0	0	25	15	0
Cornell U.	1,994	534	813	13	163	4	42	1	37	294	12	13	67
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.	47	1	5	6	9	1	8	2	1	10	2	1	2
Icahn School of Medicine at Mt. Sinai	672	0	647	25	0	0	0	0	0	0	0	0	0
Long Island U.	134	7	5	5	1	4	93	7	1	5	0	5	0
Manhattan C.	30 i	0 i	6 i	3 i	* i	0 i	0 i	3 i	1 i	9 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	*	0	0	0	0	0	0
New School	22	0	3	1	0	0	0	0	0	0	7	12	0
New York Institute of Technology	42	0	6	2	9	0	20	0	0	5	0	0	0
New York Medical C.	128	0	113	0	0	0	15	0	0	0	0	0	0
New York U.	912	0	729	0	74	0	21	2	0	57	16	14	0
Pace U.	14	0	9	0	0	0	1	0	1	2	1	0	0
Rensselaer Polytechnic Institute	252	0	4	4	201	8	0	3	0	14	4	7	7
Rochester Institute of Technology	229	*	6	23	125	*	3	5	*	46	0	2	18

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Rockefeller U.	565	0	515	0	0	0	35	0	0	15	0	0	0
Skidmore C.	78	0	29	1	0	6	8	3	1	19	6	6	0
St. John's U., New York	73	0	15	0	0	0	41	0	0	13	5	*	0
Syracuse U.	216	*	42	4	66	16	4	1	0	52	14	8	8
U. Rochester	808	0	278	7	40	12	217	*	0	213	39	2	0
Union C., Schenectady	120	0	16	3	41	10	0	3	4	29	6	5	4
Vassar C.	15	0	7	0	0	2	0	0	0	2	1	2	0
Yeshiva U.	17	0	5	*	0	0	1	0	0	7	4	*	0
North Carolina													
Public													
Appalachian State U.	16	0	1	*	0	2	3	0	0	7	*	2	0
East Carolina U.	280	0	90	3	3	19	119	0	0	29	6	12	0
Fayetteville State U.	38	*	16	1	0	1	1	1	0	12	1	4	0
North Carolina Agricultural and Technical State U.	285	55	10	3	83	0	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.	2,575	995	361	33	637	60	165	64	38	160	13	28	21
U. North Carolina, Asheville	29	1	6	*	1	*	1	1	7	10	1	*	0
U. North Carolina, Chapel Hill	1,391	0	368	25	54	38	678	7	0	150	27	45	0
U. North Carolina, Charlotte	305	0	38	23	127	15	19	4	0	51	14	14	0
U. North Carolina, Greensboro	168	0	31	3	0	0	26	1	0	25	15	36	30
U. North Carolina, Wilmington	107	0	8	2	0	69	1	*	*	2	21	4	0
Western Carolina U.	61	0	7	1	20	7	6	0	3	14	*	3	0
Winston-Salem State U.	10	0	3	1	0	0	1	0	0	2	2	1	0
Private													
Davidson C.	43	0	8	2	0	0	0	*	1	14	17	*	0
Duke U.	1,047	0	339	8	98	8	490	3	15	63	11	14	0
Elon U.	88	1	13	4	8	0	32	1	3	14	11	2	0
Johnson C. Smith U.	44	2	14	15	5	0	0	2	2	5	0	0	0
Wake Forest U.	2,248	3	1,201	2	25	0	943	7	*	42	19	7	0
North Dakota													
Public													
North Dakota State U.	1,655	1,362	67	4	81	6	16	0	13	61	11	5	29
U. North Dakota	268	0	62	0	148	10	13	0	0	25	6	3	0

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Ohio													
Public													
Bowling Green State U.	175	1	24	16	33	14	10	10	1	36	18	13	0
Central State U.	53	9	6	5	29	4	0	*	0	*	0	*	0
Cleveland State U.	132	0	28	*	47	0	7	0	0	34	5	11	0
Kent State U.	224	0	53	9	5	9	12	2	0	88	27	19	0
Miami U.	205	0	59	3	13	16	5	*	0	58	24	12	15
Northeast Ohio Medical U.	199	0	180	0	0	0	19	0	0	0	0	0	0
Ohio State U.	3,015	795	554	1	458	47	779	4	67	126	179	5	0
Ohio U.	177	0	30	6	57	1	40	*	0	23	7	12	0
U. Akron	335	0	51	1	235	9	1	1	0	29	5	3	0
U. Cincinnati	807	0	276	1	172	19	220	5	0	81	16	17	0
U. Toledo	502	8	138	0	97	15	102	4	34	75	18	12	0
Wright State U.	133	0	24	7	28	5	43	0	0	15	10	2	0
Youngstown State U.	100	0	25	5	25	3	5	1	1	30	5	1	0
Private													
C. Wooster	26	1	11	0	0	0	0	0	1	3	8	1	*
Case Western Reserve U.	584	0	237	0	106	5	156	1	0	41	5	1	32
Heidelberg U.	9	0	1	0	0	0	0	0	8	0	0	0	0
Kenyon C.	34	0	24	0	0	0	0	2	0	8	1	0	0
Oberlin C.	184	0	73	2	0	6	0	2	1	65	22	13	0
U. Dayton	375	0	5	*	365	2	0	*	0	3	*	*	0
Oklahoma													
Public													
Langston U.	70	33	7	*	2	0	27	0	0	1	0	0	0
Oklahoma State U., Center for Health Sciences	62	0	46	0	0	0	6	0	0	0	0	10	0
Oklahoma State U., Stillwater	880	400	132	2	141	17	85	1	16	74	10	2	0
U. Central Oklahoma	33	3	12	3	5	0	1	2	*	4	1	0	1
U. Oklahoma, Norman and Health Science Center	969	30	201	7	183	309	34	7	9	132	16	40	0
U. Oklahoma, Tulsa	26	0	5	0	4	0	6	0	0	0	8	2	0
Private													
U. Tulsa	146	2	15	15	70	6	3	3	*	8	16	8	0

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Oregon													
Public													
Oregon Health and Science U.	753	0	234	13	27	0	466	1	2	0	8	2	0
Oregon Institute of Technology	*	*	*	*	*	*	*	*	*	*	*	*	0
Oregon State U.	903	187	172	27	201	113	71	3	74	45	*	10	0
Portland State U.	223	0	67	7	55	3	3	*	13	49	1	23	2
U. Oregon	414	0	153	12	0	42	5	*	4	115	51	26	6
Private													
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.	44	0	18	0	0	0	0	0	0	19	7	0	0
Willamette U.	67	4	17	3	0	2	5	3	0	21	4	8	0
Pennsylvania													
Public													
Indiana U. Pennsylvania	54	*	11	2	8	4	6	1	3	8	3	8	0
Pennsylvania State U., Behrend	70	0	1	1	58	1	0	1	1	3	0	4	0
Pennsylvania State U., Harrisburg	32	0	4	0	20	0	3	0	4	1	*	0	0
Pennsylvania State U., University Park and Hershey Medical Center	2,420	242	643	18	672	53	368	9	116	220	36	42	0
Temple U.	447	0	101	5	36	8	172	*	0	76	34	14	0
U. Pittsburgh, Pittsburgh	1,683	3	666	22	131	11	595	15	0	166	45	31	0
West Chester U. Pennsylvania	25	1	5	0	0	0	3	0	0	9	7	0	0
Private													
Bryn Mawr C.	54	0	11	2	0	13	0	2	0	13	5	9	0
Bucknell U.	96	0	22	3	31	7	0	*	1	20	12	0	0
Carnegie Mellon U.	588	0	60	120	309	0	0	4	0	50	27	8	10
Drexel U.	424	0	160	6	134	0	58	6	13	28	12	1	6
Duquesne U.	387	0	76	5	9	0	134	5	0	100	7	50	0
Franklin and Marshall C.	154	0	45	4	0	19	0	5	2	44	15	20	0
Gettysburg C.	24	0	5	1	0	1	2	1	1	6	5	1	0
Haverford C.	41	0	9	4	0	2	0	3	0	18	6	0	0
Lafayette C.	102	0	13	3	29	6	0	4	1	10	15	21	0
Lehigh U.	220	0	28	0	134	13	0	0	0	34	10	1	0

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Philadelphia C. of Osteopathic Medicine	25	0	20	0	0	0	2	0	0	0	3	0	0
Saint Joseph's U.	26	2	10	0	0	0	0	0	0	10	3	0	0
Salus U.	12	0	9	0	0	0	3	0	0	0	0	0	0
Swarthmore C.	44	0	13	2	6	0	0	1	0	17	3	2	0
Thomas Jefferson U.	285	0	273	0	0	0	5	0	0	0	0	6	0
U. of the Sciences Philadelphia	66	0	25	2	0	0	16	15	0	7	1	0	0
U. Pennsylvania	1,861	*	668	22	137	83	755	6	8	39	27	109	7
Villanova U.	100	0	19	2	43	2	2	1	3	17	6	3	3
Rhode Island													
Public													
U. Rhode Island	272	21	49	1	26	86	24	*	36	14	1	6	8
Private													
Brown U.	354	0	127	12	75	11	45	20	2	35	21	6	0
Providence C.	36	0	14	0	3	0	0	0	0	11	8	0	0
Roger Williams U.	15	3	3	0	3	3	1	*	*	2	*	*	0
South Carolina													
Public													
C. Charleston	46	0	12	2	0	6	1	0	1	13	10	1	0
Clemson U.	680	146	115	16	250	33	6	10	19	68	10	9	0
Coastal Carolina U.	40	0	7	0	2	19	1	1	*	7	2	1	0
Medical U. South Carolina	706	0	373	0	20	0	313	0	0	0	0	0	0
South Carolina State U.	39	0	6	6	18	2	0	1	1	5	1	1	0
U. South Carolina, Aiken	38	0	9	1	1	2	10	1	0	6	4	4	0
U. South Carolina, Columbia	743	0	123	17	201	70	142	3	1	94	45	45	0
Private													
Benedict C.	11	0	3	2	3	0	0	1	1	1	0	0	0
Claflin 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
South Dakota													
Public													
Dakota State U.	17	0	1	15	0	0	*	0	0	1	0	0	0
South Dakota School of Mines and Technology	84	0	3	2	60	5	0	0	0	12	0	0	0
South Dakota State U.	411	224	66	1	32	6	48	0	7	27	0	0	0

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U. South Dakota	84	0	47	0	7	7	0	0	0	13	6	4	0
Private													
Augustana U.	15	0	8	*	0	0	*	*	0	6	*	*	0
Tennessee													
Public													
Austin Peay State U.	10	1	2	*	2	1	2	1	1	1	1	1	0
East Tennessee State U.	185	3	108	0	5	4	27	13	5	12	3	4	0
Middle Tennessee State U.	48	2	24	*	2	1	1	0	0	13	1	2	1
Tennessee State U.	160	127	24	0	3	0	0	0	0	6	0	0	0
Tennessee Technological U.	98	3	6	4	58	2	*	3	7	14	1	*	0
U. Memphis	371	0	39	35	46	29	62	12	0	53	48	39	8
U. Tennessee, Chattanooga	91	0	16	23	34	0	9	0	0	5	3	1	0
U. Tennessee, Health Science Center	378	0	318	19	1	0	40	0	0	0	0	0	0
U. Tennessee, Knoxville	424	*	53	24	206	0	0	1	1	106	5	21	9
U. Tennessee, Knoxville, Institute of Agriculture	918	857	0	0	5	0	2	0	53	0	0	0	0
Private													
Fisk U.	13	0	3	0	0	0	0	0	0	8	2	0	0
Meharry Medical C.	258	0	183	0	0	0	75	0	0	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center[c]	1,056	0	399	0	118	0	477	1	0	37	22	2	0
Texas													
Public													
Lamar U.	190	0	40	30	65	9	15	5	10	5	6	5	0
Prairie View A&M U.	253	188	4	1	25	0	15	1	1	17	1	0	0
Sam Houston State U.	82	2	30	4	4	2	0	1	11	8	5	16	0
Stephen F. Austin State U.	149	40	10	20	20	10	10	3	0	30	3	3	0
Sul Ross State U.	20	6	10	0	0	0	0	0	1	2	2	0	0
Tarleton State U.	40	11	6	0	14	2	1	0	0	3	0	3	0
Texas A&M International U.	40	0	20	0	1	0	*	0	1	17	1	0	0
Texas A&M U., College Station and Health Science Center	3,101	647	643	21	892	44	306	30	31	324	63	73	28
Texas A&M U.-Commerce	41	6	4	3	7	0	3	5	0	9	4	0	0
Texas A&M U.-Corpus Christi	131	0	59	4	21	2	1	3	30	9	*	1	0

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Texas A&M U.-Kingsville	67	22	16	0	15	3	0	0	*	11	0	0	0
Texas Southern U.	59	5	1	1	6	1	7	2	19	5	1	11	0
Texas State U.	225	4	38	5	33	4	19	1	20	40	4	56	0
Texas Tech U.	719	136	116	3	265	45	0	4	18	82	13	9	29
Texas Tech U., Health Sciences Center	256	0	65	0	0	0	191	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	79	0	62	0	0	0	17	0	0	0	0	0	0
Texas Woman's U.	63	0	16	*	0	0	38	*	0	6	2	1	0
U. Houston	716	1	134	15	204	27	100	4	0	198	29	4	0
U. Houston-Clear Lake	33	0	12	5	5	1	3	1	2	2	3	0	0
U. North Texas, Denton	201	0	73	17	55	0	5	1	2	41	6	2	0
U. North Texas, Health Science Center	283	0	173	0	0	0	110	0	0	0	0	0	0
U. Texas Health Science Center, Houston	459	0	285	0	0	0	162	0	0	0	11	0	0
U. Texas Health Science Center, San Antonio	590	0	297	0	0	0	293	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	52	0	48	0	0	0	4	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	1,341	0	1,341	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	438	0	327	0	0	0	111	0	0	0	0	0	0
U. Texas Rio Grande Valley	203	2	45	3	28	15	49	0	0	40	4	*	18
U. Texas Southwestern Medical Center	1,234	0	665	0	0	0	568	0	0	0	1	0	0
U. Texas, Arlington	557	0	85	37	216	18	50	6	0	126	17	2	0
U. Texas, Austin	1,404	0	198	36	444	38	48	3	0	178	33	20	406
U. Texas, Dallas	643	0	136	23	306	28	18	*	0	90	12	4	26
U. Texas, El Paso	293	0	81	12	91	20	13	3	8	41	18	4	3
U. Texas, San Antonio	218	8	24	7	80	10	0	1	8	46	9	25	0
U. Texas, Tyler	35	0	16	0	9	0	6	0	0	3	1	0	0
West Texas A&M U.	198 i	43 i	31 i	5 i	41 i	11 i	19 i	2 i	11 i	21 i	7 i	6 i	0 i
Private													
Baylor C. of Medicine	923	0	821	0	0	0	102	0	0	0	0	0	0
Baylor U.	316	0	61	10	61	28	9	10	20	83	16	18	0
Rice U.	339	0	38	7	162	11	0	6	0	84	6	4	23
Southern Methodist U.	160	0	24	12	43	22	6	4	0	25	9	14	0
St. Edward's U.	180	10	30	20	0	10	10	20	25	20	15	15	5
Texas Christian U.	108	3	14	3	12	14	10	3	5	28	15	2	0

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Trinity U.	50	7	15	1	5	3	0	*	*	11	4	4	0
U. of the Incarnate Word	50 i	0 i	19 i	4 i	0 i	0 i	* i	3 i	0 i	14 i	4 i	6 i	0 i
Utah													
Public													
U. Utah	1,733	0	441	56	251	89	646	2	0	185	27	34	2
Utah State U.	769	290	63	2	337	3	9	*	52	9	3	2	0
Private													
Brigham Young U., Provo	342	14	49	5	85	12	17	1	49	79	9	14	11
Vermont													
Public													
U. Vermont	272	20	103	1	15	1	79	*	12	12	7	2	22
Private													
Middlebury C.	71	0	24	2	0	10	0	*	3	17	11	5	0
Saint Michael's C.	1	0	1	*	0	0	0	*	0	*	*	*	0
Virginia													
Public													
Christopher Newport U.	33	1	15	3	1	0	0	*	0	2	10	1	0
George Mason U.	300	0	102	29	33	17	16	1	18	35	24	26	0
James Madison U.	125	0	27	1	4	11	15	3	0	44	10	*	9
Norfolk State U.	48	0	7	8	32	0	0	0	0	*	0	0	0
Old Dominion U.	287	4	43	10	96	43	29	0	1	36	14	2	10
U. Virginia, Charlottesville	1,134	0	358	22	232	0	290	7	52	107	46	19	0
Virginia Commonwealth U.	690	0	237	4	82	0	293	0	3	37	22	10	2
Virginia Polytechnic Institute and State U.	1,556	438	213	5	493	18	196	1	73	59	8	1	53
Virginia State U.	70	57	3	1	4	0	0	0	0	*	4	0	0
William & Mary	322	0	29	3	0	168	3	0	8	45	9	25	31
Private													
Eastern Virginia Medical School	125	0	118	0	0	0	7	0	0	0	0	0	0
Edward Via C. of Osteopathic Medicine	28	0	19	0	0	0	10	0	0	0	0	0	0
Hampton U.	15	0	2	0	3	3	2	0	1	4	0	0	0
Liberty U.	132	0	51	18	27	0	37	0	0	0	0	0	0
U. Richmond	116	0	43	4	0	0	0	4	0	47	8	10	0
Washington													
Public													

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
Central Washington U.	48	0	8	2	1	10	1	0	0	8	10	7	0
Eastern Washington U.	78	0	23	8	15	5	6	2	3	16	0	0	0
Northwest Indian C.	6	*	1	*	1	4	*	0	1	*	0	0	0
U. Washington, Bothell	21	2	4	2	6	1	*	*	1	2	0	2	0
U. Washington, Seattle	2,135	0	497	15	370	117	842	*	85	162	29	18	0
U. Washington, Tacoma	7	0	2	2	1	0	0	0	1	0	1	*	0
Washington State U.	2,259	958	380	21	256	25	394	6	22	133	29	34	0
Western Washington U.	127	0	26	7	11	19	8	2	9	30	11	5	*
Private													
Seattle U.	6	0	2	0	*	0	0	*	*	3	0	*	0
West Virginia													
Public													
Marshall U.	230	22	82	1	10	9	40	4	0	35	2	7	17
West Virginia State U.	48	21	9	3	2	1	0	3	5	1	0	4	0
West Virginia U.	599	231	77	3	98	9	61	1	45	47	3	10	15
Wisconsin													
Public													
U. Wisconsin-Eau Claire	75	0	15	2	3	5	13	4	1	18	7	7	0
U. Wisconsin-Green Bay	25	5	10	1	1	1	0	0	2	5	0	0	0
U. Wisconsin-La Crosse	26	1	5	*	0	1	3	0	3	10	2	0	0
U. Wisconsin-Madison	3,111	315	851	23	434	129	707	8	45	312	150	96	41
U. Wisconsin-Milwaukee	430	0	52	22	95	105	35	3	0	72	23	23	0
U. Wisconsin-Oshkosh	166	1	56	17	5	12	17	3	4	40	5	5	0
U. Wisconsin-Stevens Point	50	3	21	0	0	2	0	*	3	20	1	0	0
U. Wisconsin-Superior	105 i	0 i	18 i	4 i	19 i	9 i	12 i	3 i	13 i	16 i	7 i	5 i	0 i
Private													
Marquette U.	141	1	34	1	32	0	18	7	0	27	7	4	11
Medical C. Wisconsin	653	0	178	0	14	0	341	0	0	0	0	0	121
Milwaukee School of Engineering	34	0	1	14	19	0	0	0	0	*	0	0	0
Wyoming													
Public													
U. Wyoming	643	180	100	3	163	58	68	0	2	46	7	17	0
American Samoa													
Public													

TABLE 5

Science and engineering research space in academic institutions, by state or territory, control, institution, and field: FY 2019

(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
American Samoa Community C.	8	4	2	0	0	0	0	0	0	0	0	1	1
Guam													
Public													
U. Guam	49	14	13	3	0	2	0	4	12	0	2	0	0
Puerto Rico													
Public													
U. Puerto Rico, Cayey	14	0	5	0	0	0	0	1	0	6	0	2	0
U. Puerto Rico, Humacao	34	6	5	0	0	0	0	1	0	22	0	0	0
U. Puerto Rico, Mayaguez	258	61	34	1	70	33	0	2	0	54	1	1	0
U. Puerto Rico, Medical Sciences Campus	400	0	345	0	0	0	55	0	0	0	*	0	0
U. Puerto Rico, Rio Piedras	135	0	40	5	1	2	3	3	8	56	15	3	0
Private													
Polytechnic U. Puerto Rico	3	0	1	1	1	0	0	0	0	1	0	0	0
Ponce Health Sciences U.	36	0	29	0	0	0	3	0	0	0	5	0	0
U. Ana G. Mendez, Cupey Campus	5	0	4	1	0	0	0	0	0	*	0	0	0
U. Ana G. Mendez, Recinto de Gurabo	24	0	1	0	18	0	2	0	0	1	2	0	0
U. Central del Caribe	29	0	27	0	0	0	1	0	0	0	*	0	0
Virgin Islands													
Public													
U. of the Virgin Islands	17	10	*	*	*	1	0	*	*	6	0	*	0

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

[a] 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.

[b] CUNY Graduate School of Public Health and Health Policy uses science and engineering research space that is owned and administered by other CUNY institutions. Therefore, no research space is reported for this institution.

[c] 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 2019.

TABLE 6

Academic institutions with science and engineering research space shared with other fields or used for purposes other than research, by field: FY 2019

(Number and percent)

Field	Institutions with research space[a]	Institutions with research space shared with other fields		Institutions with research space also used for nonresearch purposes	
		Number	Percent	Number	Percent
All research space	569	314	55	355	62
Agricultural sciences	207	71	34	101	49
Biological and biomedical sciences	557	220	39	277	50
Computer and information sciences	439	123	28	232	53
Engineering	395	159	40	219	55
Geosciences, atmospheric sciences, and ocean sciences	366	98	27	187	51
Health sciences	420	131	31	216	51
Mathematics and statistics	370	80	22	191	52
Natural resources and conservation	282	93	33	137	49
Physical sciences	485	159	33	257	53
Psychology	441	79	18	216	49
Social sciences	408	91	22	210	51
Other	146	72	49	69	47

[a] 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. 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 2019.

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 2019

(Number and percent)

Type of institution	Institutions with research space[a]	Institutions with research space shared with other fields		Institutions with research space also used for nonresearch purposes	
		Number	Percent	Number	Percent
All institutions	569	314	55	355	62
Doctorate granting	435	243	56	268	62
Public	299	169	57	181	61
Private	136	74	54	87	64
Nondoctorate granting	134	71	53	87	65

[a] 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 2019.

TABLE 8

New construction of science and engineering research space in academic institutions, by type of institution and time of construction: FYs 2006–21

(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		Planned to start in FY 2020 or FY 2021	
	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	152	10.1
Doctorate granting	142	8.4	140	9.3	148	7.8	117	6.3	113	4.8	137	6.4	132	5.0	132	9.8
Public	104	6.2	106	7.0	117	6.7	82	4.6	85	3.6	109	4.8	106	4.3	103	7.1
Private	37	2.2	34	2.3	31	1.1	35	1.7	28	1.2	28	1.6	26	0.7	29	2.6
Nondoctorate granting	22	0.4	30	0.5	18	0.2	22	0.3	12	0.3	20	0.3	23	0.5	20	0.3
Medical schools[a]	34	2.5	35	2.5	34	2.3	23	1.3	17	0.8	17	0.9	14	0.9	22	2.5

NASF = net assignable square feet.

[a] 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 2006–21

(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		Planned to start in FY 2020 or FY 2021	
	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	152	10.1
Agricultural sciences	30	0.5	26	0.4	30	0.4	24	0.4	21	0.4	24	0.2	27	0.6	23	0.6
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	41	1.9
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	20	0.6
Engineering	50	1.3	56	2.1	54	1.3	54	1.4	43	0.9	57	1.4	60	1.5	47	1.8
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	14	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	52	3.3
Mathematics and statistics	3	*	1	*	5	*	5	*	5	*	10	*	3	*	5	0.1
Natural resources and conservation	na	na	na	na	na	na	na	na	5	*	11	0.1	6	*	9	*
Physical sciences	42	0.7	39	0.9	35	0.6	21	0.6	31	0.7	35	0.6	31	0.5	33	0.7
Psychology	8	0.1	14	0.3	14	0.1	5	*	7	0.1	9	0.1	4	*	14	0.1
Social sciences	8	0.1	10	0.2	8	0.1	6	0.1	3	*	11	0.2	7	*	9	0.3
Other	15	0.7	17	0.3	11	0.3	13	0.1	8	0.2	10	0.3	9	0.2	7	0.4
Research animal space[a]	54	1.0	63	0.8	42	0.6	36	0.7	33	0.5	42	0.4	35	0.5	na	na

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

NASF = net assignable square feet.

[a] Research animal space is listed separately and is also included in individual field totals.

Note(s):

Fields of science and engineering and their disciplines were revised in FY 2015. Specifically, "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." 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 2018 or FY 2019

(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
Alabama													
Public													
Alabama A&M U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alabama State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	94	94	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	0	0	0	0	0	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	5	0	0	0	0	0	5	0	0	0	0	0	0
Private													
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Southeast	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona													
Public													
Arizona State U.	102	0	77	0	10	0	15	0	0	0	0	0	0
Dine C.	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
Northern Arizona U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arizona	16	0	0	0	0	0	16	0	0	0	0	0	0
Arkansas													
Public													
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	25	0	0	0	25	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													
Public													

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
California Polytechnic State U., San Luis Obispo	61	24	34	0	0	0	0	1	0	1	0	3	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	11	0	0	0	0	3	0	0	0	7	0	0	1
California State U., Dominguez Hills	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	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Maritime Academy	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
California State U., Northridge	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Sacramento	9	0	5	0	0	0	0	0	0	4	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
Humboldt State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	40	0	20	1	0	0	0	0	0	18	0	0	0
U. California, Berkeley	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Davis	27	27	0	0	0	0	0	0	0	0	0	0	0
U. California, Irvine	66	0	0	7	39	0	0	0	0	20	0	0	0
U. California, Los Angeles	117	0	0	0	58	0	59	0	0	0	0	0	0
U. California, Merced	78	0	32	0	33	0	1	0	0	11	0	0	0
U. California, Riverside	28	28	0	0	0	0	0	0	0	0	0	0	0
U. California, San Diego	5	0	3	0	0	0	3	0	0	0	0	0	0
U. California, San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Santa Barbara	31	0	0	0	31	0	0	0	0	0	0	0	0
U. California, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Azusa Pacific U.	1	0	0	0	0	0	1	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
Biola U.	0	0	0	0	0	0	0	0	0	0	0	0	0
California Institute of Technology	82	0	82	0	0	0	0	0	0	0	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	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.	12	0	0	6	6	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
Pomona C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara 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
Scripps Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Stanford U.	58	0	0	0	0	0	58	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern California	48	0	21	0	13	0	14	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado State U., Fort Collins	32	6	21	0	0	0	6	0	0	0	0	0	0
Colorado State U., Pueblo	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
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	10	0	0	0	10	0	0	0	0	0	0	0	0
U. Colorado Colorado Springs	5	0	0	0	0	0	5	0	0	0	0	0	0
U. Colorado Denver and Anschutz Medical Campus	92	0	0	0	0	0	92	0	0	0	0	0	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
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													
Public													
Central Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Connecticut	2	2	0	0	0	0	0	0	0	0	0	0	0
Private													
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fairfield 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	0	0	0	0	0	0	0	0	0	0	0	0
U. New Haven	4	0	0	0	4	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Delaware													
Public													
Delaware State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Delaware	56	0	0	0	45	0	4	0	0	0	0	0	7
District of Columbia													
Public													
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
American U.	26	0	13	0	0	0	0	0	6	5	2	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													
Public													
Florida A&M U.	1	1	0	0	0	0	0	0	0	0	0	0	0
Florida Atlantic U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida International U.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
Florida Polytechnic U.	22	0	3	4	13	0	0	0	0	2	0	0	0
Florida State U.	8	0	0	0	8	0	0	0	0	0	0	0	0
U. Central Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Florida	30	30	0	0	0	0	0	0	0	0	0	0	0
U. North Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Saint Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	90	0	0	0	0	0	90	0	0	0	0	0	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bethune-Cookman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	15	0	0	0	15	0	0	0	0	0	0	0	0
Florida Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Miami	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia													
Public													
Albany State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Augusta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	13	13	0	0	0	0	0	0	0	0	0	0	0
Georgia Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia Southern U.	42	0	0	0	42	0	0	0	0	0	0	0	0
Georgia State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Georgia	67	3	0	0	27	0	0	0	0	37	0	0	0
Private													
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emory U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii													
Public													

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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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
U. Hawaii, Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	30	0	30	0	0	0	0	0	0	0	0	0	0
Private													
Hawaii Pacific U.	*	0	0	0	*	0	0	0	0	0	0	0	0
Idaho													
Public													
Boise State U.	17	0	0	0	17	0	0	0	0	0	0	0	0
Idaho State U.	4	0	0	0	0	0	4	0	0	0	0	0	0
U. Idaho	33	17	8	0	0	0	0	0	8	0	0	0	0
Illinois													
Public													
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois 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
Northeastern Illinois 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
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	8	0	0	0	8	0	0	0	0	0	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	43	17	0	0	10	0	6	0	0	0	0	0	10
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bradley U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	7	0	6	0	0	0	1	0	0	0	0	0	0
Northwestern U.	19	0	0	0	19	0	0	0	0	0	0	0	0
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	3	0	0	0	0	0	0	0	0	0	0	3	0
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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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
Indiana													
Public													
Ball State U.	43	0	26	0	0	0	0	0	0	16	0	0	0
Indiana U., Bloomington	37	0	0	0	37	0	0	0	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	54	0	24	0	30	0	0	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	3	0	3	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	52	0	0	0	52	0	0	0	0	0	0	0	0
Private													
U. Notre Dame	5	0	0	0	5	0	0	0	0	0	0	0	0
Iowa													
Public													
Iowa State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Iowa	10	0	0	0	0	0	0	0	0	0	10	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													
Public													
Kansas State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	0	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky													
Public													
Eastern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisville	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
Western Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana													
Public													
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	18	0	0	0	0	0	18	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	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
U. Louisiana, Lafayette	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisiana, Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dillard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	9	0	0	0	0	0	0	0	0	0	0	0	9
Xavier U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0
Maine													
Public													
Maine Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maine	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													
Bates C.	42 i	0	19 i	0	0	0	0	0	0	23 i	0	0	0
Bowdoin C.	6	0	0	0	0	5	0	0	1	0	0	0	0
Colby C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland													
Public													

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Bowie State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	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[a]	207	0	41	0	0	0	166	0	0	0	0	0	0
U. Maryland Center for Environmental Science	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Baltimore County	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	25	0	0	0	0	0	25	0	0	0	0	0	0
Private													
Johns Hopkins U.	143	0	4	2	98	0	0	0	0	0	0	0	39
Massachusetts													
Public													
U. Massachusetts, Amherst	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Medical School	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Babson C.	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
Boston C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
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 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
Northeastern U.	46	0	7	11	23	0	0	0	0	5	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

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Suffolk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Williams C.	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
Woods Hole Oceanographic Institution	0	0	0	0	0	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													
Public													
Central Michigan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Michigan U.	8	0	0	1	7	0	0	0	0	0	0	0	0
Grand Valley State U.	3	0	0	2	0	0	1	0	0	0	0	0	0
Michigan State U.	24	0	0	0	10	0	0	0	0	14	0	0	0
Michigan Technological 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	57	0	0	0	34	0	23	0	0	0	0	0	0
U. Michigan, Dearborn	22	0	0	0	22	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													
Andrews U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin C.	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
Kettering U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	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													
Public													
Minnesota State U., Mankato	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Duluth	13	0	0	0	0	0	0	0	0	13	0	0	0
U. Minnesota, Twin Cities	10	10	0	0	0	0	0	0	0	0	0	0	0

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Private													
Carleton C.	71	0	4	3	0	20	0	0	0	40	0	4	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of St. Thomas (MN)	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
Mississippi													
Public													
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.	23	15	0	0	8	0	0	0	0	0	0	0	0
U. Mississippi	0	0	0	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													
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri													
Public													
Lincoln U., Jefferson City	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	2	0	2	0	0	0	0	0	0	0	0	0	0
Missouri U. of Science and Technology	27	0	0	0	27	0	0	0	0	0	0	0	0
U. Missouri, Columbia	179	49	0	0	0	0	0	0	0	0	0	0	130
U. Missouri, Kansas City	32	0	0	10	21	0	0	0	0	0	0	0	0
U. Missouri, Saint Louis	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
A. T. Still U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	10	0	0	2	3	0	0	0	0	6	0	0	0
Washington U., Saint Louis	45	0	0	0	45	0	0	0	0	0	0	0	0
Montana													
Public													
Montana State U., Bozeman	10	0	0	1	9	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													
Public													
U. Nebraska, Kearney	88	0	0	29	29	0	0	15	0	15	0	0	0
U. Nebraska, Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0

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U. Nebraska, Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Omaha	28	0	0	0	14	0	14	0	0	0	0	0	0
Private													
Creighton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Nevada													
Public													
Desert Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Las Vegas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Reno	26	0	0	0	26	0	0	0	0	0	0	0	0
Private													
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	16	7	9	0	0	0	0	0	0	0	0	0	0
Private													
Dartmouth C.	31	0	0	0	31	0	0	0	0	0	0	0	0
New Jersey													
Public													
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	6	0	0	0	6	0	0	0	0	0	0	0	0
Rowan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick	9	0	9	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Newark	0	0	0	0	0	0	0	0	0	0	0	0	0
Stockton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William Paterson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	9	0	2	4	0	0	3	0	0	0	0	0	0
New Mexico													
Public													

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
New Mexico Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Mexico	71	0	0	0	0	1	0	0	0	69	0	1	0
New York													
Public													
CUNY, Advanced Science Research Center	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, C. Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, City C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Graduate Center	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
CUNY, Graduate School of Public Health and Health Policy	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	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
CUNY, John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Medgar Evers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, York C.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Binghamton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Buffalo State	7	0	4	0	0	2	0	0	0	2	0	0	0
SUNY, C. Brockport	0	0	0	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	3	0	3	0	0	0	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Geneseo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Oswego	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, U. Albany	79	0	0	0	12	50	0	0	0	18	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
SUNY, U. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	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
Albert Einstein C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Canisius C.	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
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	0	0	0	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
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	0	0	0	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 Mt. Sinai	0	0	0	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
Manhattan C.	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
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 School	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	0	0	0	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	11	0	0	11	0	0	0	0	0	0	0	0	0
Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	45	0	5	6	0	0	0	0	0	11	9	0	14
St. John's U., New York	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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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
Syracuse 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	0	0	0	0	0	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													
Public													
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina 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 Agricultural and Technical State U.	34 i	11	0	0	23 i	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.	233	0	0	0	77	0	156	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	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	12	0	0	0	0	0	12	0	0	0	0	0	0
U. North Carolina, Wilmington	8	0	0	0	0	0	0	0	0	8	0	0	0
Western Carolina U.	18 i	0	18 i	0	0	0	0	0	0	0 i	0	0	0
Winston-Salem State U.	4	0	0	0	0	0	0	0	0	4	0	0	0
Private													
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	58	0	0	0	55	0	3	0	0	0	0	0	0
Elon U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Johnson C. Smith U.	8	0	8	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													
Public													
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
Ohio													
Public													
Bowling Green State U.	11	0	0	0	0	0	0	3	0	0	0	8	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
Central State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	12	0	0	0	12	0	0	0	0	0	0	0	0
Kent State U.	25	0	0	0	0	0	0	0	0	0	0	0	25
Miami U.	0	0	0	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.	24 i	0 i	0 i	0 i	0 i	0 i	24 i	0 i	0 i	0 i	0 i	0 i	0 i
Ohio U.	13	0	0	0	0	0	0	0	0	13	0	0	0
U. Akron	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	0	0	0	0	0	0	0	0	0	0	0	0	0
Wright State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
C. Wooster	0	0	0	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenyon C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma													
Public													
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	70	0	45	0	0	0	0	0	0	25	0	0	0
U. Oklahoma, Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon													
Public													
Oregon Health and Science U.	12	0	12	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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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
Oregon Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State U.	17	0	2	0	0	15	0	0	0	0	0	0	0
Portland State U.	29	0	0	0	0	0	29	0	0	0	0	0	0
U. Oregon	116	0	58	35	0	0	0	0	0	23	0	0	0
Private													
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.	0	0	0	0	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													
Public													
Indiana U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	34	20	13	0	1	0	0	0	0	0	0	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh, Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
West Chester U. Pennsylvania	15	0	0	0	15	0	0	0	0	0	0	0	0
Private													
Bryn Mawr C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bucknell U.	15	0	2	2	11	0	0	0	0	0	0	0	0
Carnegie Mellon U.	50	0	0	47	2	0	0	0	0	0	0	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	36	0	27	6	2	0	0	0	1	0	0	0	0
Lehigh U.	36	0	0	0	0	0	36	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	7	0	7	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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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
Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island													
Public													
U. Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Brown U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Providence C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina													
Public													
C. Charleston	0	0	0	0	0	0	0	0	0	0	0	0	0
Clemson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical U. South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Benedict C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claflin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota													
Public													
Dakota State U.	14	0	0	14	0	0	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Augustana U.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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Tennessee													
Public													
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U.	20	20	0	0	0	0	0	0	0	0	0	0	0
Tennessee Technological U.	28	0	5	0	0	2	0	0	3	18	0	0	0
U. Memphis	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville	61	11	0	0	49	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville, Institute of Agriculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	0	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[b]	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas													
Public													
Lamar U.	44	0	15	5	15	5	5	0	0	0	0	0	0
Prairie View A&M U.	10	10	0	0	0	0	0	0	0	0	0	0	0
Sam Houston State U.	4	0	0	0	0	0	4	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.	52	52	0	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	30	0	30	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Commerce	14	0	12	0	0	0	2	0	0	1	0	0	0
Texas A&M U.-Corpus Christi	0	0	0	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 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

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

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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
Texas Tech U.	11	11	0	0	0	0	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	79	0	66	0	0	0	14	0	0	0	0	0	0
Texas Woman's U.	45	0	27	0	0	0	11	0	0	0	7	0	0
U. Houston	7	0	0	0	7	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	8	0	0	0	8	0	0	0	0	0	0	0	0
U. North Texas, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	59	0	0	0	0	0	59	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	2	0	0	0	0	2	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	181	0	109	0	0	0	73	0	0	0	0	0	0
U. Texas, Arlington	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, Austin	130	0	0	0	121	9	0	0	0	0	0	0	0
U. Texas, Dallas	25	0	0	0	0	0	0	0	0	25	0	0	0
U. Texas, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, San Antonio	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
West Texas A&M 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													
Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rice U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Methodist U.	15	0	0	12	0	0	0	0	0	0	0	0	3
St. Edward's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Christian U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Incarnate Word	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
Utah													

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
Public													
U. Utah	4	0	0	0	0	0	4	0	0	0	0	0	0
Utah State U.	55	0	0	0	55	0	0	0	0	0	0	0	0
Private													
Brigham Young U., Provo	2	0	0	0	0	0	0	0	0	0	0	2	0
Vermont													
Public													
U. Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Middlebury C.	2	0	0	2	0	0	0	0	0	0	0	0	0
Saint Michael's C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia													
Public													
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	24	0	0	0	0	0	0	0	0	24	0	0	0
U. Virginia, Charlottesville	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	79	0	0	0	79	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	114	19	55	10	19	0	11	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													
Eastern Virginia Medical School	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
Liberty 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													
Public													
Central Washington U.	1	0	0	0	0	0	1	0	0	0	0	0	0
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
U. Washington, Bothell	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Seattle	171	0	0	0	0	0	171	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.	59	35	0	0	0	0	24	0	0	0	0	0	0
Western Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia													
Public													
Marshall U.	4	0	0	0	0	0	4	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													
Public													
U. Wisconsin-Eau Claire	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	19	1	3	0	0	1	0	0	3	10	0	0	0
U. Wisconsin-Madison	57	34	11	0	0	0	11	0	0	0	0	0	0
U. Wisconsin-Milwaukee	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0	0
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													
Marquette U.	4	0	2	0	0	0	2	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	14	0	0	14	0	0	0	0	0	0	0	0	0
Wyoming													
Public													
U. Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	0
American Samoa													
Public													
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam													
Public													

TABLE 10

New construction of science and engineering research space in academic institutions, by state or territory, control, institution, and field: Started in FY 2018 or FY 2019

(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
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico													
Public													
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, Rio Piedras	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Polytechnic U. Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Cupey Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de 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													
Public													
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.

[a] 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.

[b] 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 2019.

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 2020 or FY 2021

(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
Alabama													
Public													
Alabama A&M 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
Alabama State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	24	0	0	0	24	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	98	0	18	0	48	0	0	0	0	32	0	0	0
U. Alabama, Huntsville	60	0	0	0	60	0	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	24	0	0	9	0	0	7	0	0	9	0	0	0
U. South Alabama	1	0	0	0	1	0	0	0	0	0	0	0	0
Private													
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Southeast	4	0	0	0	0	2	0	0	1	1	0	0	0
Private													
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona													
Public													
Arizona State U.	153	0	15	0	46	31	0	0	0	15	0	46	0
Dine C.	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
Northern Arizona U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arizona	105	0	0	8	46	0	0	0	0	51	0	0	0
Arkansas													
Public													
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	47	0	29	0	0	0	9	0	0	9	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	3	0	0	0	0	0	3	0	0	0	0	0	0
California													
Public													

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 2020 or FY 2021

(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
California Polytechnic State U., San Luis Obispo	33	33	0	0	0	0	0	0	0	0	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., Fresno	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Maritime Academy	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	4	0	0	1	3	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
Humboldt State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Berkeley	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Davis	43	4	0	0	15	0	0	0	0	24	0	0	0
U. California, Irvine	34	0	17	0	0	0	17	0	0	0	0	0	0
U. California, Los Angeles	24	0	0	0	0	0	24	0	0	0	0	0	0
U. California, Merced	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Riverside	75	0	0	0	0	0	75	0	0	0	0	0	0
U. California, San Diego	45	0	8	8	8	0	0	0	0	8	8	8	0
U. California, San Francisco	271	0	0	0	0	0	271	0	0	0	0	0	0
U. California, Santa Barbara	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Azusa Pacific U.	0	0	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Biola U.	0	0	0	0	0	0	0	0	0	0	0	0	0
California Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Chapman U.	31	0	0	3	25	0	3	0	0	0	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.	1	0	1	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
Pomona C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara 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
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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern California	211 i	0	2	101	18	0	91 i	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	19	0	0	0	0	19	0	0	0	0	0	0	0
Colorado State U., Fort Collins	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado State U., Pueblo	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
Fort Lewis C.	42	0	0	0	0	0	42	0	0	0	0	0	0
U. Colorado Boulder	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Colorado Springs	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Denver and Anschutz Medical Campus	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													

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 2020 or FY 2021

(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
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													
Public													
Central Connecticut State U.	100	0	0	0	100	0	0	0	0	0	0	0	0
Southern Connecticut State U.	96	0	0	0	0	0	96	0	0	0	0	0	0
U. Connecticut	110	0	0	0	0	0	0	0	0	110	0	0	0
Private													
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fairfield 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	0	0	0	0	0	0	0	0	0	0	0	0
U. New Haven	1	0	0	0	0	0	1	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Yale U.	12	0	0	0	0	0	0	0	0	0	0	12	0
Delaware													
Public													
Delaware State U.	13	13	0	0	0	0	0	0	0	0	0	0	0
U. Delaware	15	0	4	0	0	0	4	0	0	0	8	0	0
District of Columbia													
Public													
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Catholic U. of America	44	0	0	0	0	0	44	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 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
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													
Public													
Florida A&M U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Atlantic U.	38	0	30	8	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	155	0	0	0	0	0	77	0	0	0	0	0	78
Florida International U.	0	0	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Florida Polytechnic U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida State U.	125	0	0	0	63	0	0	0	0	63	0	0	0
U. Central Florida	5	0	0	0	0	0	0	0	0	0	0	0	5
U. Florida	236	2	88	0	91	0	55	0	0	0	0	0	0
U. North Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Saint Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	21	0	0	0	21	0	0	0	0	0	0	0	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bethune-Cookman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Institute of Technology	69	0	49	3	4	5	9	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Miami	225	0	85	0	0	0	140	0	0	0	0	0	0
Georgia													
Public													
Albany State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Augusta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	13	13	0	0	0	0	0	0	0	0	0	0	0
Georgia Institute of Technology	160	0	0	0	160	0	0	0	0	0	0	0	0
Georgia Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia State U.	52	0	52	0	0	0	0	0	0	0	0	0	0
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Georgia	110	10	0	0	40	0	0	0	0	60	0	0	0
Private													
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emory U.	192	0	0	0	0	0	192	0	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii													
Public													

TABLE 11

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U. Hawaii, Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	17	0	0	0	0	0	17	0	0	0	0	0	0
Private													
Hawaii Pacific U.	9	0	6	0	0	0	0	0	0	4	0	0	0
Idaho													
Public													
Boise State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Idaho	58	58	0	0	0	0	0	0	0	0	0	0	0
Illinois													
Public													
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois 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
Northeastern Illinois 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
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	1	0	1	0	0	0	0	0	0	0	0	0	0
U. Illinois, Chicago	69	0	0	69	0	0	0	0	0	0	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	16	8	0	0	0	0	0	8	0	0	0	0	0
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bradley U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	65	0	65	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	12	0	0	0	0	0	0	0	0	12	0	0	0
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	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 2020 or FY 2021

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Indiana													
Public													
Ball State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	69	0	0	69	0	0	0	0	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	0	0	0	0	0	0	0	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	39	0	0	0	11	0	0	0	0	0	0	0	29
Private													
U. Notre Dame	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa													
Public													
Iowa State U.	41	0	0	0	0	0	41	0	0	0	0	0	0
U. Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													
Public													
Kansas State U.	4	4	0	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kansas	80 i	0	0	0	0	0	80 i	0	0	0	0 i	0	0
Wichita State U.	24	0	0	0	24	0	0	0	0	0	0	0	0
Kentucky													
Public													
Eastern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisville	0	0	0	0	0	0	0	0	0	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 2020 or FY 2021

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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
Western Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana													
Public													
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	171	0	0	0	0	0	171	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	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
U. Louisiana, Lafayette	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisiana, Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dillard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	42 i	0	0 i	0 i	0 i	0 i	42 i	0 i	0 i	0 i	0 i	0 i	0 i
Xavier U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0
Maine													
Public													
Maine Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maine	120	0	0	0	120	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													
Bates C.	65	0	65	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Colby C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland													
Public													

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Bowie State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	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[a]	77	0	0	0	21	0	0	0	0	56	0	0	0
U. Maryland Center for Environmental Science	9	0	0	0	0	9	0	0	0	0	0	0	0
U. Maryland, Baltimore County	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	16	16	0	0	0	0	0	0	0	0	0	0	0
Private													
Johns Hopkins U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts													
Public													
U. Massachusetts, Amherst	5	5	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Medical School	300	0	210	0	0	0	90	0	0	0	0	0	0
Private													
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Babson C.	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
Boston C.	25	0	5	0	5	2	0	0	0	10	2	0	0
Boston U.	124	0	0	90	0	0	0	34	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts Institute of Technology	108	0	0	100	0	8	0	0	0	0	0	0	0
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 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
Northeastern U.	180	0	25	10	43	80	0	0	0	22	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 11

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Suffolk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	47	0	0	15	3	0	0	12	0	0	8	10	0
Wellesley C.	28	1	8	0	0	2	0	3	1	4	8	0	*
Williams C.	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
Woods Hole Oceanographic Institution	64	0	0	0	36	0	0	0	0	28	0	0	0
Worcester Polytechnic Institute	21	0	0	6	12	0	0	0	0	1	0	2	0
Michigan													
Public													
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
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan State U.	15	8	0	0	0	0	0	0	7	0	0	0	0
Michigan Technological U.	39	0	0	0	0	0	39	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	48	0	0	0	0	0	48	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													
Andrews U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin C.	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
Kettering U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	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													
Public													
Minnesota State U., Mankato	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	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

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Private													
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
U. of St. Thomas (MN)	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
Mississippi													
Public													
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.	15	0	0	0	0	0	0	0	15	0	0	0	0
U. Mississippi	2	0	2	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													
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri													
Public													
Lincoln U., Jefferson City	7	7	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	2	0	0	0	0	0	0	0	2	0	0	0	0
Missouri U. of Science and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Missouri, Columbia	3	0	0	0	0	0	3	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
A. T. Still U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	353	0	177	0	0	0	177	0	0	0	0	0	0
Montana													
Public													
Montana State U., Bozeman	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana Technological U.	3	0	0	0	3	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													
Public													
U. Nebraska, Kearney	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0

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U. Nebraska, Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Omaha	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Creighton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Nevada													
Public													
Desert Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Las Vegas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Reno	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dartmouth C.	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
New Jersey													
Public													
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	69	0	0	0	0	69	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick	68	0	0	20	18	0	30	0	0	0	0	0	0
Rutgers, State U. New Jersey, Newark	0	0	0	0	0	0	0	0	0	0	0	0	0
Stockton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William Paterson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico													
Public													

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 2020 or FY 2021

(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	
New Mexico Institute of Mining and Technology	0		0		0		0		0		0		0		0		0		0		0		0		0	
New Mexico State U.	0		0		0		0		0		0		0		0		0		0		0		0		0	
U. New Mexico	217		0		0		0		0		0		217		0		0		0		0		0		0	
New York																										
Public																										
CUNY, Advanced Science Research Center	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, Baruch C.	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, Brooklyn C.	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, C. Staten Island	1		0		1		0		0		0		0		0		0		1		0		0		0	
CUNY, City C.	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, Graduate Center	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
CUNY, Graduate School of Public Health and Health Policy	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, Hunter C.	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
CUNY, John Jay C. of Criminal Justice	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, Lehman C.	3		0		0		0		0		0		3		0		0		0		0		0		0	
CUNY, Medgar Evers C.	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, New York City C. of Technology	0		0		0		0		0		0		0		0		0		0		0		0		0	
CUNY, Queens C.	5		0		1		0		0		2		0		0		0		1		2		0		0	
CUNY, York C.	0		0		0		0		0		0		0		0		0		0		0		0		0	
SUNY, Binghamton U.	2		0		0		0		0		0		0		0		0		0		2		0		0	
SUNY, Buffalo State	0		0		0		0		0		0		0		0		0		0		0		0		0	
SUNY, C. Brockport	0		0		0		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	3		0		0		0		0		0		3		0		0		0		0		0		0	
SUNY, C. Plattsburgh	0		0		0		0		0		0		0		0		0		0		0		0		0	
SUNY, Downstate Medical Center	0		0		0		0		0		0		0		0		0		0		0		0		0	
SUNY, Geneseo	0		0		0		0		0		0		0		0		0		0		0		0		0	
SUNY, Oswego	2		0		1		0		0		0		0		0		0		1		0		0		0	
SUNY, Polytechnic Institute	0		0		0		0		0		0		0		0		0		0		0		0		0	
SUNY, Stony Brook U.	35		0		18		0		18		0		0		0		0		0		0		0		0	
SUNY, U. Albany	0		0		0		0		0		0		0		0		0		0		0		0		0	

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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
SUNY, U. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	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
Albert Einstein C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Canisius C.	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
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	0	0	0	0	0	0	0	0	0	0	0	0	0
Colgate U.	15	0	6	0	0	0	0	0	0	0	9	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	0	0	0	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.	50	0	0	0	20	0	30	0	0	0	0	0	0
Icahn School of Medicine at Mt. Sinai	0	0	0	0	0	0	0	0	0	0	0	0	0
Long Island U.	39	0	0	0	0	0	39	0	0	0	0	0	0
Manhattan C.	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
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 School	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	0	0	0	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	10	0	5	0	5	0	0	0	0	0	0	0	0
Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	41	0	22	0	0	0	0	0	0	19	0	0	0
St. John's U., New York	0	0	0	0	0	0	0	0	0	0	0	0	0

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Syracuse 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	0	0	0	0	0	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													
Public													
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	65	0	61	0	4	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 Agricultural and Technical 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
North Carolina Central U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina State U.	180	180	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	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.	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
Winston-Salem State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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
Elon U.	36	0	0	0	18	0	0	0	0	18	0	0	0
Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	80	0	0	0	0	0	80	0	0	0	0	0	0
North Dakota													
Public													
North Dakota State U.	43	0	0	0	0	11	0	0	0	32	0	0	0
U. North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio													
Public													
Bowling Green State U.	50	0	0	0	50	0	0	0	0	0	0	0	0

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Central State U.	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Miami U.	170	0	0	0	0	0	170	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.	373	0	0	0	0	0	213	0	0	0	0	0	160
Ohio U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Akron	10	0	0	0	0	0	0	0	0	10	0	0	0
U. Cincinnati	80	0	0	0	70	0	0	0	0	10	0	0	0
U. Toledo	0	0	0	0	0	0	0	0	0	0	0	0	0
Wright State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Youngstown State U.	30	0	0	0	30	0	0	0	0	0	0	0	0
Private													
C. Wooster	0	0	0	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenyon C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma													
Public													
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	0	0	0	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													
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon													
Public													
Oregon Health and Science U.	0	0	0	0	0	0	0	0	0	0	0	0	0

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Oregon Institute of Technology	5	0	5	0	0	0	0	0	0	0	0	0	0
Oregon State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oregon	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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.	0	0	0	0	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													
Public													
Indiana U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	118	0	0	0	53	0	0	0	0	30	0	35	0
Temple 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
U. Pittsburgh, Pittsburgh	105	0	0	0	0	0	105	0	0	0	0	0	0
West Chester U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bryn Mawr C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	51	0	0	0	51	0	0	0	0	0	0	0	0
Drexel U.	3	0	0	0	0	0	3	0	0	0	0	0	0
Duquesne U.	80	0	0	0	0	0	80	0	0	0	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0	0	0

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Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	330	0	0	80	102	0	0	0	0	0	0	148	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island													
Public													
U. Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Brown U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Providence C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina													
Public													
C. Charleston	0	0	0	0	0	0	0	0	0	0	0	0	0
Clemson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical U. South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Benedict C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claflin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota													
Public													
Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota State U.	44	25	0	20	0	0	0	0	0	0	0	0	0
U. South Dakota	9	0	0	0	0	0	9	0	0	0	0	0	0
Private													
Augustana U.	0	0	0	0	0	0	0	0	0	0	0	0	0

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Tennessee													
Public													
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	2	0	0	0	0	0	0	0	0	0	2	0	0
Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Memphis	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville	92	90	0	0	0	0	0	0	0	0	0	2	0
U. Tennessee, Knoxville, Institute of Agriculture	27	14	0	0	0	0	13	0	0	0	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	0	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[b]	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
Texas													
Public													
Lamar U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	110	8	0	0	102	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	0	0	0	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	17	0	17	0	0	0	0	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	0	0	0	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 Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas State U.	8	0	0	0	8	0	0	0	0	0	0	0	0

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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
Texas Tech U.	64	0	6	0	0	6	34	0	0	12	6	0	0
Texas Tech U., Health Sciences Center	0	0	0	0	0	0	0	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	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Texas, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	730	0	730	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	43	0	0	0	0	0	23	0	0	0	0	0	20
U. Texas Southwestern Medical Center	90	0	0	0	90	0	0	0	0	0	0	0	0
U. Texas, Arlington	90	0	0	0	0	0	36	0	0	0	0	54	0
U. Texas, Austin	21	0	0	0	0	0	0	0	0	0	21	0	0
U. Texas, Dallas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, San Antonio	1	0	0	0	0	0	0	0	1	0	0	0	0
U. Texas, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
West Texas A&M 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													
Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rice U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Methodist U.	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Edward's U.	1	0	0	0	0	0	0	0	0	0	1	0	0
Texas Christian U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Incarnate Word	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
Utah													

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 2020 or FY 2021

(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
Public													
U. Utah	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah State U.	40	0	0	0	40	0	0	0	0	0	0	0	0
Private													
Brigham Young U., Provo	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermont													
Public													
U. Vermont	40	0	40	0	0	0	0	0	0	0	0	0	0
Private													
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Michael's C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia													
Public													
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	12	0	6	0	0	0	0	0	0	0	6	0	0
Old Dominion U.	126	0	0	0	0	0	126	0	0	0	0	0	0
U. Virginia, Charlottesville	18	0	0	0	18	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	8	0	0	0	0	0	0	0	8	0	0	0	0
Virginia Polytechnic Institute and State U.	154	96	0	0	44	0	14	0	0	0	0	0	0
Virginia State U.	14	14	0	0	0	0	0	0	0	0	0	0	0
William & Mary	60	0	0	0	0	60	0	0	0	0	0	0	0
Private													
Eastern Virginia Medical School	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
Liberty 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
U. Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington													
Public													
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
Northwest Indian C.	0	0	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. Washington, Bothell	10	0	2	1	1	0	2	1	0	4	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.	0	0	0	0	0	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													
Seattle U.	14	0	7	*	0	0	0	0	0	6	0	0	0
West Virginia													
Public													
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	16	13	2	0	0	0	0	0	2	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin													
Public													
U. Wisconsin-Eau Claire	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Madison	27	0	0	0	0	0	27	0	0	0	0	0	0
U. Wisconsin-Milwaukee	45	0	0	0	0	0	0	0	0	45	0	0	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0	0
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													
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
Wyoming													
Public													
U. Wyoming	118	0	0	0	0	0	0	0	0	0	0	118	
American Samoa													
Public													
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam													
Public													

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 2020 or FY 2021

(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
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico													
Public													
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, Rio Piedras	9	0	7	0	0	0	*	0	*	*	*	0	0
Private													
Polytechnic U. Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	135	0	0	0	0	0	135	0	0	0	0	0	0
U. Ana G. Mendez, Cupey Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de 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													
Public													
U. of the Virgin Islands	5	5	0	0	0	0	0	0	0	0	0	0	0

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

[a] 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.

[b] 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 2019.

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	5,145.1	9,504.1	9,992.9	1,601.3
Agricultural sciences	143.6	154.1	199.3	154.8	106.8	96.8	313.5	456.2	612.0	48.2
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	1,281.3	2,533.8	243.1
Computer and information sciences	296.0	175.1	64.8	171.6	95.6	223.4	189.5	959.7	452.5	5.0
Engineering	734.9	1,121.7	944.8	1,164.6	891.2	1,368.2	1,437.7	1,582.7	1,597.1	382.2
Geosciences, atmospheric sciences, and ocean sciences	94.9	44.6	225.7	161.7	119.7	92.2	75.6	334.9	250.6	126.9
Health sciences	1,276.9	1,332.3	2,277.1	1,152.1	800.9	1,230.1	1,309.0	3,229.1	2,683.0	356.1
Mathematics and statistics	8.9	13.5	12.0	13.2	12.6	22.1	7.1	127.3	70.9	3.0
Natural resources and conservation	na	na	na	na	20.4	85.6	7.0	19.9	174.6	13.9
Physical sciences	631.5	657.5	593.6	590.0	1,287.6	423.4	377.7	886.5	1,019.3	299.5
Psychology	57.4	167.3	121.2	15.2	36.3	49.3	22.7	92.5	104.7	13.8
Social sciences	74.8	136.7	37.2	34.3	5.1	96.5	16.8	317.9	35.5	21.1
Other	511.6	276.6	340.9	127.7	256.1	297.7	323.4	216.1	458.9	88.3
Research animal space[a]	757.4	725.1	513.0	992.9	421.0	400.4	335.7	na	na	na

na = not applicable; see notes below.

[a] Research animal space is listed separately and is also included in individual field totals.

Note(s):

Fields of science and engineering and their disciplines were revised in FY 2015. Specifically, "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." 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 2006–19

(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
All institutions	757.4	725.1	513.0	992.9	421.0	400.4	335.7
Doctorate granting	738.0	659.0	491.8	984.6	417.3	393.7	313.4
Public	508.1	417.1	459.5	292.1	337.4	271.3	284.9
Private	229.9	241.9	32.3	692.5	79.9	122.4	28.5
Nondoctorate granting	19.4	66.1	21.2	8.3	3.7	6.8	22.3

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 2006–21

(Costs in millions of dollars; 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		Planned to start in FY 2020 or FY 2021		Costs of deferred projects	
	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	5,145.1	5.6	9,504.1	10.1	9,992.9	1,601.3
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	4,784.9	5.0	9,092.2	9.8	9,862.6	1,553.3
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	5,781.8	7.1	8,732.7	1,245.8
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	886.5	0.7	3,310.4	2.6	1,129.9	307.5
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	411.9	0.3	130.4	48.0
Medical schools[a]	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	2,558.7	2.5	2,309.9	235.0

NASF = net assignable square feet.

[a] 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 2020 or FY 2021. 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 2018 or FY 2019

(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
Alabama													
Public													
Alabama A&M U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alabama State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	17,160	17,160	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	0	0	0	0	0	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	1,838	0	0	0	0	0	1,838	0	0	0	0	0	0
Private													
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Southeast	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona													
Public													
Arizona State U.	55,500	0	38,300	0	9,600	0	7,600	0	0	0	0	0	0
Northern Arizona U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arizona	17,400	0	0	0	0	0	17,400	0	0	0	0	0	0
Arkansas													
Public													
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	13,800	0	0	0	13,800	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													
Public													

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 2018 or FY 2019

(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
California Polytechnic State U., San Luis Obispo	71,500	25,857	41,043	0	0	0	0	607	0	607	0	3,385	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	15,382	0	0	0	0	3,844	0	0	0	10,482	0	0	1,056
California State U., Dominguez Hills	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	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Monterey Bay	734	0	0	0	0	0	0	0	0	0	0	734	0
California State U., Northridge	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Sacramento	8,530	0	5,005	0	0	0	0	0	0	3,526	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
Humboldt State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	43,661	0	22,521	963	0	0	0	0	0	20,177	0	0	0
U. California, Berkeley	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Davis	13,533	13,533	0	0	0	0	0	0	0	0	0	0	0
U. California, Irvine	43,060	0	0	2,614	26,565	0	0	0	0	13,882	0	0	0
U. California, Los Angeles	177,400	0	0	0	72,700	0	104,700	0	0	0	0	0	0
U. California, Merced	73,221	0	32,063	0	30,400	0	559	0	0	10,198	0	0	0
U. California, Riverside	27,405	27,405	0	0	0	0	0	0	0	0	0	0	0
U. California, San Diego	3,689	0	1,845	0	0	0	1,845	0	0	0	0	0	0
U. California, San Francisco	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
U. California, Santa Barbara	65,010	0	0	0	65,010	0	0	0	0	0	0	0	0
U. California, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Azusa Pacific U.	250	0	0	0	0	0	250	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	108,187	0	108,187	0	0	0	0	0	0	0	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	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.	9,504	0	0	4,857	4,647	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
Pomona C.	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.	119,909	0	0	0	0	0	119,909	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern California	36,853	0	19,650	0	8,000	0	9,203	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado State U., Fort Collins	27,513	2,078	20,815	0	0	0	4,619	0	0	0	0	0	0
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	9,199	0	0	0	9,199	0	0	0	0	0	0	0	0
U. Colorado Colorado Springs	3,079	0	0	0	0	0	3,079	0	0	0	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 2018 or FY 2019

(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
U. Colorado Denver and Anschutz Medical Campus	110,849	0	0	0	0	0	110,849	0	0	0	0	0	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													
Public													
Central Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Connecticut	3,338	3,338	0	0	0	0	0	0	0	0	0	0	0
Private													
Connecticut C.	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. New Haven	3,467	0	0	0	3,467	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Delaware													
Public													
Delaware State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Delaware	81,192	0	0	0	60,384	0	11,524	0	0	0	0	0	9,284
District of Columbia													
Public													
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
American U.	12,973	0	6,932	0	0	0	0	0	2,313	2,688	1,039	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													
Public													
Florida A&M U.	582	582	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Florida Atlantic U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida International U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Polytechnic U.	14,032	0	1,827	2,372	8,539	0	0	0	0	1,294	0	0	0
Florida State U.	4,700	0	0	0	4,700	0	0	0	0	0	0	0	0
U. Central Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Florida	7,640	7,640	0	0	0	0	0	0	0	0	0	0	0
U. North Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Saint Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	44,648	0	0	0	0	0	44,648	0	0	0	0	0	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bethune-Cookman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	4,222	0	0	0	4,222	0	0	0	0	0	0	0	0
Florida Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Miami	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia													
Public													
Albany State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Augusta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	6,502	6,502	0	0	0	0	0	0	0	0	0	0	0
Georgia Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia Southern U.	18,350	0	0	0	18,350	0	0	0	0	0	0	0	0
Georgia State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Georgia	51,883	1,448	0	0	19,757	0	0	0	0	30,678	0	0	0
Private													
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emory U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Spelman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii													
Public													
U. Hawaii, Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	43,000	0	43,000	0	0	0	0	0	0	0	0	0	0
Private													
Hawaii Pacific U.	250	0	0	0	250	0	0	0	0	0	0	0	0
Idaho													
Public													
Boise State U.	13,864	0	0	0	13,864	0	0	0	0	0	0	0	0
Idaho State U.	4,000	0	0	0	0	0	4,000	0	0	0	0	0	0
U. Idaho	7,781	3,431	4,000	0	0	0	0	0	350	0	0	0	0
Illinois													
Public													
Chicago State 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	9,695	0	0	0	9,695	0	0	0	0	0	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	44,829	20,000	0	0	9,619	0	3,510	0	0	0	0	0	11,700
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bradley U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	10,409	0	8,374	0	0	0	2,035	0	0	0	0	0	0
Northwestern U.	50,983	0	0	0	50,983	0	0	0	0	0	0	0	0
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

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 2018 or FY 2019

(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
U. Chicago	3,675	0	0	0	0	0	0	0	0	0	0	3,675	0
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana													
Public													
Ball State U.	17,938	0	11,107	0	0	0	0	0	0	6,831	0	0	0
Indiana U., Bloomington	20,650	0	0	0	20,650	0	0	0	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	35,972	0	15,785	0	20,187	0	0	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	1,650	0	1,650	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	43,822	0	0	0	43,822	0	0	0	0	0	0	0	0
Private													
U. Notre Dame	1,385	0	0	0	1,385	0	0	0	0	0	0	0	0
Iowa													
Public													
Iowa State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Iowa	9,054	0	0	0	0	0	0	0	0	0	9,054	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													
Public													
Kansas State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	0	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky													
Public													
Eastern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	0	0	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

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 2018 or FY 2019

(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
Northern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisville	0	0	0	0	0	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													
Public													
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	42,340	0	0	0	0	0	42,340	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	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
U. Louisiana, Lafayette	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisiana, Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dillard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	5,988	0	0	0	0	0	0	0	0	0	0	0	5,988
Xavier U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0
Maine													
Public													
Maine Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maine	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													
Bates C.	80,000 i	0	50,455 i	0	0	0	0	0	0	29,545 i	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 2018 or FY 2019

(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
Bowdoin C.	4,195	0	0	0	0	3,555	0	0	639	0	0	0	0
Colby C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland													
Public													
Bowie State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	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[a]	280,716	0	55,693	0	0	0	225,024	0	0	0	0	0	0
U. Maryland Center for Environmental Science	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Baltimore County	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	10,000	0	0	0	0	0	10,000	0	0	0	0	0	0
Private													
Johns Hopkins U.	225,400	0	10,500	2,637	154,736	0	0	0	0	0	0	0	57,527
Massachusetts													
Public													
U. Massachusetts, Amherst	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Medical School	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Massachusetts Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
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
Northeastern U.	36,000	0	5,400	9,000	18,000	0	0	0	0	3,600	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	0	0	0	0	0	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													
Public													
Central Michigan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Michigan U.	5,780	0	0	751	5,029	0	0	0	0	0	0	0	0
Grand Valley State U.	1,276	0	0	728	0	0	547	0	0	0	0	0	0
Michigan State U.	19,800	0	0	0	7,300	0	0	0	0	12,500	0	0	0
Michigan Technological 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	50,114	0	0	0	27,998	0	22,116	0	0	0	0	0	0
U. Michigan, Dearborn	19,898	0	0	0	19,898	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													
Andrews U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin C.	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
Kettering U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	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

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 2018 or FY 2019

(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
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota													
Public													
Minnesota State U., Mankato	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Duluth	12,778	0	0	0	0	0	0	0	0	12,778	0	0	0
U. Minnesota, Twin Cities	1,347	1,347	0	0	0	0	0	0	0	0	0	0	0
Private													
Carleton C.	12,947	0	657	498	0	3,661	0	0	0	7,400	0	732	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi													
Public													
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.	13,117	10,051	0	0	3,066	0	0	0	0	0	0	0	0
U. Mississippi	0	0	0	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													
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri													
Public													
Lincoln U., Jefferson City	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	647	0	647	0	0	0	0	0	0	0	0	0	0
Missouri U. of Science and Technology	10,446	0	0	0	10,446	0	0	0	0	0	0	0	0
U. Missouri, Columbia	233,697	27,697	0	0	0	0	0	0	0	0	0	0	206,000
U. Missouri, Kansas City	32,082	0	0	10,587	21,495	0	0	0	0	0	0	0	0
U. Missouri, Saint Louis	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
A. T. Still U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	8,800	0	0	1,320	2,640	0	0	0	0	4,840	0	0	0
Washington U., Saint Louis	58,583	0	0	0	58,583	0	0	0	0	0	0	0	0
Montana													
Public													

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 2018 or FY 2019

(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
Montana State U., Bozeman	17,000	0	0	1,700	15,300	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													
Public													
U. Nebraska, Kearney	30,000	0	0	10,000	10,000	0	0	5,000	0	5,000	0	0	0
U. Nebraska, Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Omaha	11,610	0	0	0	5,805	0	5,805	0	0	0	0	0	0
Private													
Creighton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Nevada													
Public													
Desert Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Las Vegas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Reno	35,000	0	0	0	35,000	0	0	0	0	0	0	0	0
Private													
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	29,070	12,240	16,830	0	0	0	0	0	0	0	0	0	0
Private													
Dartmouth C.	21,040	0	0	0	21,040	0	0	0	0	0	0	0	0
New Jersey													
Public													
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	6,000	0	0	0	6,000	0	0	0	0	0	0	0	0
Rowan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick	9,000	0	9,000	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Rutgers, State U. New Jersey, Newark	0	0	0	0	0	0	0	0	0	0	0	0	0
Stockton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William Paterson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	14,061	0	2,769	5,824	0	0	5,468	0	0	0	0	0	0
New Mexico													
Public													
New Mexico Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Mexico	36,009	0	0	0	0	463	0	0	0	35,181	0	365	0
New York													
Public													
CUNY, Advanced Science Research Center	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, C. Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, City C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Medgar Evers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, York C.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Binghamton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Buffalo State	3,986	0	2,200	0	0	979	0	0	0	807	0	0	0
SUNY, C. Brockport	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
SUNY, C. of Environmental Science and Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Optometry	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Geneseo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Oswego	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, U. Albany	56,389	0	0	0	8,157	35,113	0	0	0	13,119	0	0	0
SUNY, U. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Albert Einstein C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	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	0	0	0	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
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	0	0	0	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 Mt. Sinai	0	0	0	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

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 2018 or FY 2019

(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
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 School	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	0	0	0	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	7,000	0	0	7,000	0	0	0	0	0	0	0	0	0
Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	28,000	0	2,800	3,080	0	0	0	0	0	4,250	4,500	0	13,370
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
U. Rochester	0	0	0	0	0	0	0	0	0	0	0	0	0
Union C., Schenectady	0	0	0	0	0	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													
Public													
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina 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 Agricultural and Technical State U.	21,632 i	3,969	0	0	17,663 i	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.	48,197	0	0	0	46,350	0	1,847	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	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	10,800	0	0	0	0	0	10,800	0	0	0	0	0	0
U. North Carolina, Wilmington	2,946	0	0	0	0	0	0	0	0	2,946	0	0	0
Western Carolina U.	20,132 i	0	20,132 i	0	0	0	0	0	0	0 i	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 2018 or FY 2019

(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
Winston-Salem State U.	2,138	0	0	0	0	0	0	0	0	2,138	0	0	0
Private													
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	77,800	0	0	0	74,750	0	3,050	0	0	0	0	0	0
Elon U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Johnson C. Smith U.	313	0	313	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													
Public													
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
Ohio													
Public													
Bowling Green State U.	5,679	0	0	0	0	0	0	1,460	0	0	0	4,218	0
Central State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	9,558	0	0	0	9,558	0	0	0	0	0	0	0	0
Kent State U.	16,164	0	0	0	0	0	0	0	0	0	0	0	16,164
Miami U.	0	0	0	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.	16,975 i	0 i	0 i	0 i	0 i	0 i	16,975 i	0 i	0 i	0 i	0 i	0 i	0 i
Ohio U.	15,684	0	0	0	0	0	0	0	0	15,684	0	0	0
U. Akron	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	0	0	0	0	0	0	0	0	0	0	0	0	0
Wright State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
C. Wooster	0	0	0	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenyon C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma													

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 2018 or FY 2019

(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
Public													
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	74,500	0	39,500	0	0	0	0	0	0	35,000	0	0	0
U. Oklahoma, Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon													
Public													
Oregon Health and Science U.	10,961	0	10,961	0	0	0	0	0	0	0	0	0	0
Oregon Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State U.	20,000	0	5,000	0	0	15,000	0	0	0	0	0	0	0
Portland State U.	22,891	0	0	0	0	0	22,891	0	0	0	0	0	0
U. Oregon	225,000	0	112,500	67,500	0	0	0	0	0	45,000	0	0	0
Private													
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.	0	0	0	0	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													
Public													
Indiana U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	27,528	16,400	10,600	0	528	0	0	0	0	0	0	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh, Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
West Chester U. Pennsylvania	19,000	0	0	0	19,000	0	0	0	0	0	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 2018 or FY 2019

(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
Private													
Bryn Mawr C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bucknell U.	7,513	0	1,069	1,097	5,347	0	0	0	0	0	0	0	0
Carnegie Mellon U.	22,209	0	0	20,454	1,755	0	0	0	0	0	0	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	21,432	0	16,080	3,630	1,200	0	0	0	522	0	0	0	0
Lehigh U.	48,000	0	0	0	0	0	48,000	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	2,750	0	2,750	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island													
Public													
U. Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Brown U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Providence C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina													
Public													
C. Charleston	0	0	0	0	0	0	0	0	0	0	0	0	0
Clemson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical U. South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
U. South Carolina, Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Benedict C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claflin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota													
Public													
Dakota State U.	6,500	0	0	6,500	0	0	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Augustana U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee													
Public													
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U.	10,500	10,500	0	0	0	0	0	0	0	0	0	0	0
Tennessee Technological U.	22,077	0	4,801	0	0	1,369	0	0	1,992	13,914	0	0	0
U. Memphis	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville	56,163	8,500	0	0	47,663	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville, Institute of Agriculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	0	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[b]	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Texas													
Public													
Lamar U.	45,000	0	15,000	5,000	15,000	5,000	5,000	0	0	0	0	0	0
Prairie View A&M U.	4,195	4,195	0	0	0	0	0	0	0	0	0	0	0
Sam Houston State U.	3,731	0	0	0	0	0	3,731	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.	10,000	10,000	0	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	17,752	0	17,752	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Commerce	25,000	0	20,000	0	0	0	4,500	0	0	500	0	0	0
Texas A&M U.-Corpus Christi	0	0	0	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 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.	7,200	7,200	0	0	0	0	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	30,000	0	25,000	0	0	0	5,000	0	0	0	0	0	0
Texas Woman's U.	54,000	0	32,400	0	0	0	13,500	0	0	0	8,100	0	0
U. Houston	3,733	0	0	0	3,733	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	5,294	0	0	0	5,294	0	0	0	0	0	0	0	0
U. North Texas, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	51,700	0	0	0	0	0	51,700	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
U. Texas Medical Branch	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	984	0	0	0	0	984	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	215,922	0	129,553	0	0	0	86,369	0	0	0	0	0	0
U. Texas, Arlington	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, Austin	96,011	0	0	0	90,866	5,145	0	0	0	0	0	0	0
U. Texas, Dallas	13,261	0	0	0	0	0	0	0	0	13,261	0	0	0
U. Texas, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, San Antonio	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rice U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Methodist U.	11,762	0	0	9,409	0	0	0	0	0	0	0	0	2,352
St. Edward's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Christian U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah													
Public													
U. Utah	3,385	0	0	0	0	0	3,385	0	0	0	0	0	0
Utah State U.	32,000	0	0	0	32,000	0	0	0	0	0	0	0	0
Private													
Brigham Young U., Provo	3,675 i	0	0	0	0	0	0	0	0	0	0	3,675 i	0
Vermont													
Public													
U. Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Middlebury C.	557	0	0	557	0	0	0	0	0	0	0	0	0
Saint Michael's C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia													
Public													
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0	0	0	0
George Mason U.	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
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.	15,960	0	0	0	0	0	0	0	0	15,960	0	0	0
U. Virginia, Charlottesville	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	100,641	0	0	0	100,641	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	83,294	12,463	51,675	3,461	6,051	0	9,643	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													
Eastern Virginia Medical School	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
Liberty 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													
Public													
Central Washington U.	427	0	0	0	0	0	427	0	0	0	0	0	0
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Bothell	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Seattle	230,000	0	0	0	0	0	230,000	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.	51,411	28,582	0	0	0	0	22,828	0	0	0	0	0	0
Western Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia													
Public													
Marshall U.	1,560	0	0	0	0	0	1,560	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													

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 2018 or FY 2019

(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
Public													
U. Wisconsin-Eau Claire	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	7,224	458	1,130	0	0	450	0	0	1,229	3,957	0	0	0
U. Wisconsin-Madison	47,623	30,899	8,256	0	0	0	8,468	0	0	0	0	0	0
U. Wisconsin-Milwaukee	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Marquette U.	1,001	0	500	0	0	0	500	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	8,000	0	0	8,000	0	0	0	0	0	0	0	0	0
Wyoming													
Public													
U. Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	0
American Samoa													
Public													
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam													
Public													
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico													
Public													
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, Rio Piedras	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Polytechnic U. Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Cupey Campus	0	0	0	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
U. Ana G. Mendez, Recinto de 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													
Public													
U. of the Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0

i = imputed.

[a] 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.

[b] 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 2019.

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 2020 or FY 2021

(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
Alabama													
Public													
Alabama A&M 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
Alabama State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	20,000	0	0	0	20,000	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	65,098	0	11,945	0	31,736	0	0	0	0	21,417	0	0	0
U. Alabama, Huntsville	30,000	0	0	0	30,000	0	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	16,450	0	0	6,000	0	0	4,450	0	0	6,000	0	0	0
U. South Alabama	1,000	0	0	0	1,000	0	0	0	0	0	0	0	0
Private													
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Southeast	13,000	0	0	0	0	8,000	0	0	2,500	2,500	0	0	0
Private													
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona													
Public													
Arizona State U.	192,000	0	19,200	0	57,600	38,400	0	0	0	19,200	0	57,600	0
Northern Arizona U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arizona	180,000	0	0	11,400	75,150	0	0	0	0	93,450	0	0	0
Arkansas													
Public													
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	61,800	0	37,800	0	0	0	12,000	0	0	12,000	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	375	0	0	0	0	0	375	0	0	0	0	0	0
California													

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 2020 or FY 2021

(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
Public													
California Polytechnic State U., San Luis Obispo	67,000	67,000	0	0	0	0	0	0	0	0	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., Fresno	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Maritime Academy	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	4,400	0	0	900	3,500	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
Humboldt State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Berkeley	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Davis	53,361	940	0	0	21,000	0	0	0	0	31,421	0	0	0
U. California, Irvine	44,133	0	14,533	0	0	0	29,600	0	0	0	0	0	0
U. California, Los Angeles	24,000	0	0	0	0	0	24,000	0	0	0	0	0	0
U. California, Merced	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. California, Riverside	100,000	0	0	0	0	0	100,000	0	0	0	0	0	0
U. California, San Diego	67,000	0	11,167	11,167	11,167	0	0	0	0	11,167	11,167	11,167	0
U. California, San Francisco	772,800	0	0	0	0	0	772,800	0	0	0	0	0	0
U. California, Santa Barbara	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Chapman U.	27,500	0	0	2,500	22,500	0	2,500	0	0	0	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.	350	0	350	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
Pomona C.	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern California	267,898	0	1,898	129,000	25,000	0	112,000	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	12,968	0	0	0	0	12,968	0	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 2020 or FY 2021

(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
Colorado State U., Fort Collins	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Lewis C.	31,000	0	0	0	0	0	31,000	0	0	0	0	0	0
U. Colorado Boulder	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Colorado Springs	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Denver and Anschutz Medical Campus	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													
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													
Public													
Central Connecticut State U.	62,700	0	0	0	62,700	0	0	0	0	0	0	0	0
Southern Connecticut State U.	56,000	0	0	0	0	0	56,000	0	0	0	0	0	0
U. Connecticut	167,062	0	0	0	0	0	0	0	0	167,062	0	0	0
Private													
Connecticut C.	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. New Haven	500	0	0	0	0	0	500	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Yale U.	43,000	0	0	0	0	0	0	0	0	0	0	43,000	0
Delaware													
Public													
Delaware State U.	3,800	3,800	0	0	0	0	0	0	0	0	0	0	0
U. Delaware	9,666	0	2,267	0	0	0	2,469	0	0	0	4,931	0	0
District of Columbia													
Public													
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Catholic U. of America	60,000	0	0	0	0	0	60,000	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 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

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 2020 or FY 2021

(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
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													
Public													
Florida A&M U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Atlantic U.	22,750	0	18,200	4,550	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	117,123	0	0	0	0	0	59,193	0	0	0	0	0	57,930
Florida International U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Polytechnic U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida State U.	88,000	0	0	0	44,000	0	0	0	0	44,000	0	0	0
U. Central Florida	2,000	0	0	0	0	0	0	0	0	0	0	0	2,000
U. Florida	201,600	600	66,000	0	84,140	0	50,860	0	0	0	0	0	0
U. North Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Saint Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	5,400	0	0	0	5,400	0	0	0	0	0	0	0	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bethune-Cookman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Institute of Technology	19,600	0	14,400	900	600	1,000	2,700	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Miami	229,997	0	59,997	0	0	0	170,000	0	0	0	0	0	0
Georgia													
Public													
Albany State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Augusta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	4,000	4,000	0	0	0	0	0	0	0	0	0	0	0
Georgia Institute of Technology	76,190	0	0	0	76,190	0	0	0	0	0	0	0	0
Georgia Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia State U.	71,200	0	71,200	0	0	0	0	0	0	0	0	0	0
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. Georgia	71,425	6,075	0	0	26,140	0	0	0	0	39,210	0	0	0
Private													
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emory U.	288,000	0	0	0	0	0	288,000	0	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii													
Public													
U. Hawaii, Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	13,000	0	0	0	0	0	13,000	0	0	0	0	0	0
Private													
Hawaii Pacific U.	9,500	0	6,500	0	0	0	0	0	0	3,000	0	0	0
Idaho													
Public													
Boise State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Idaho	32,220	32,220	0	0	0	0	0	0	0	0	0	0	0
Illinois													
Public													
Chicago State 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	1,500	0	1,500	0	0	0	0	0	0	0	0	0	0
U. Illinois, Chicago	115,000	0	0	115,000	0	0	0	0	0	0	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	23,675	4,332	0	0	0	0	0	19,343	0	0	0	0	0
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bradley U.	0	0	0	0	0	0	0	0	0	0	0	0	0
DePaul U.	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	50,000	0	50,000	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	12,400	0	0	0	0	0	0	0	0	12,400	0	0	0
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana													
Public													
Ball State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	35,000	0	0	35,000	0	0	0	0	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	0	0	0	0	0	0	0	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	34,277	0	0	0	10,175	0	0	0	0	0	0	0	24,101
Private													
U. Notre Dame	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa													
Public													
Iowa State U.	9,750	0	0	0	0	0	9,750	0	0	0	0	0	0
U. Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													

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 2020 or FY 2021

(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
Public													
Kansas State U.	500	500	0	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kansas	47,506 i	0	0	0	0	0	47,506 i	0	0	0	0 i	0	0
Wichita State U.	7,450	0	0	0	7,450	0	0	0	0	0	0	0	0
Kentucky													
Public													
Eastern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Louisville	0	0	0	0	0	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													
Public													
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	62,000	0	0	0	0	0	62,000	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	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
U. Louisiana, Lafayette	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. Louisiana, Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dillard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	56,000 i	0	0 i	0 i	0 i	0 i	56,000 i	0 i	0 i	0 i	0 i	0 i	0 i
Xavier U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0
Maine													
Public													
Maine Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maine	80,000	0	0	0	80,000	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													
Bates C.	80,000	0	80,000	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Colby C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland													
Public													
Bowie State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	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[a]	146,699	0	0	0	43,800	0	0	0	0	102,899	0	0	0
U. Maryland Center for Environmental Science	16,930	0	0	0	0	16,930	0	0	0	0	0	0	0
U. Maryland, Baltimore County	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	14,000	14,000	0	0	0	0	0	0	0	0	0	0	0
Private													
Johns Hopkins U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts													
Public													
U. Massachusetts, Amherst	5,000	5,000	0	0	0	0	0	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 2020 or FY 2021

(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
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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Medical School	300,000	0	210,000	0	0	0	90,000	0	0	0	0	0	0
Private													
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	24,665	0	4,933	0	4,933	2,466	0	0	0	9,866	2,466	0	0
Boston U.	319,214	0	0	231,688	0	0	0	87,526	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emerson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts Institute of Technology	227,700	0	0	206,000	0	21,700	0	0	0	0	0	0	0
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
Northeastern U.	280,000	0	50,000	20,000	86,000	80,000	0	0	0	44,000	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	46,100	0	0	15,000	2,500	0	0	12,000	0	0	7,300	9,300	0
Wellesley C.	74,520	3,311	22,527	0	0	5,891	0	7,720	2,900	10,183	21,527	0	461
Woods Hole Oceanographic Institution	48,000	0	0	0	27,000	0	0	0	0	21,000	0	0	0
Worcester Polytechnic Institute	18,030	0	0	5,230	10,588	0	0	0	0	680	0	1,531	0
Michigan													
Public													
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
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan State U.	1,300	800	0	0	0	0	0	0	500	0	0	0	0
Michigan Technological U.	32,855	0	0	0	0	0	32,855	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 2020 or FY 2021

(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
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	47,783	0	0	0	0	0	47,783	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													
Andrews U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin C.	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
Kettering U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	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													
Public													
Minnesota State U., Mankato	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	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													
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
Mississippi													
Public													
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.	4,172	0	0	0	0	0	0	0	4,172	0	0	0	0
U. Mississippi	439	0	439	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													

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 2020 or FY 2021

(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
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri													
Public													
Lincoln U., Jefferson City	4,500	4,500	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	756	0	0	0	0	0	0	0	756	0	0	0	0
Missouri U. of Science and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Missouri, Columbia	2,400	0	0	0	0	0	2,400	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
A. T. Still U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	551,784	0	275,892	0	0	0	275,892	0	0	0	0	0	0
Montana													
Public													
Montana State U., Bozeman	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana Technological U.	600	0	0	0	600	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													
Public													
U. Nebraska, Kearney	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Omaha	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Creighton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Nevada													
Public													
Desert Research Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Las Vegas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nevada, Reno	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													

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 2020 or FY 2021

(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
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dartmouth C.	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
New Jersey													
Public													
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	46,750	0	0	0	0	46,750	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick	95,280	0	0	37,500	25,000	0	32,780	0	0	0	0	0	0
Rutgers, State U. New Jersey, Newark	0	0	0	0	0	0	0	0	0	0	0	0	0
Stockton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William Paterson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico													
Public													
New Mexico Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Mexico	33,000	0	0	0	0	0	33,000	0	0	0	0	0	0
New York													
Public													

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 2020 or FY 2021

(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
CUNY, Advanced Science Research Center	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, C. Staten Island	1,250	0	625	0	0	0	0	0	0	625	0	0	0
CUNY, City C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	3,846	0	0	0	0	0	3,846	0	0	0	0	0	0
CUNY, Medgar Evers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	8,500	0	1,600	0	0	3,000	0	0	0	900	3,000	0	0
CUNY, York C.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Binghamton U.	726	0	0	0	0	0	0	0	0	0	726	0	0
SUNY, Buffalo State	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Brockport	0	0	0	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	500	0	0	0	0	0	500	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Geneseo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Oswego	1,000	0	500	0	0	0	0	0	0	500	0	0	0
SUNY, Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	35,000	0	17,500	0	17,500	0	0	0	0	0	0	0	0
SUNY, U. Albany	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, U. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													

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 2020 or FY 2021

(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
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Albert Einstein C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Colgate U.	13,800	0	5,520	0	0	0	0	0	0	0	8,280	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	0	0	0	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.	50,000	0	0	0	20,000	0	30,000	0	0	0	0	0	0
Icahn School of Medicine at Mt. Sinai	0	0	0	0	0	0	0	0	0	0	0	0	0
Long Island U.	23,000	0	0	0	0	0	23,000	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 School	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	0	0	0	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	4,000	0	2,000	0	2,000	0	0	0	0	0	0	0	0
Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	24,716	0	13,468	0	0	0	0	0	0	11,248	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 2020 or FY 2021

(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
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
U. Rochester	0	0	0	0	0	0	0	0	0	0	0	0	0
Union C., Schenectady	0	0	0	0	0	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													
Public													
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	23,735	0	22,163	0	1,572	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 Agricultural and Technical 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
North Carolina Central U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina State U.	146,879	146,879	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	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.	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
Winston-Salem State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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
Elon U.	60,000	0	0	0	30,000	0	0	0	0	30,000	0	0	0
Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	50,000	0	0	0	0	0	50,000	0	0	0	0	0	0
North Dakota													
Public													
North Dakota State U.	39,418	0	0	0	0	10,074	0	0	0	29,344	0	0	0
U. North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio													

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 2020 or FY 2021

(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
Public													
Bowling Green State U.	5,000	0	0	0	5,000	0	0	0	0	0	0	0	0
Central State U.	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Miami U.	96,000	0	0	0	0	0	96,000	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.	118,487	0	0	0	0	0	98,828	0	0	0	0	0	19,659
Ohio U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Akron	8,000	0	0	0	0	0	0	0	0	8,000	0	0	0
U. Cincinnati	70,958	0	0	0	63,000	0	0	0	0	7,958	0	0	0
U. Toledo	0	0	0	0	0	0	0	0	0	0	0	0	0
Wright State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Youngstown State U.	6,000	0	0	0	6,000	0	0	0	0	0	0	0	0
Private													
C. Wooster	0	0	0	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenyon C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma													
Public													
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	0	0	0	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													
U. Tulsa	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Oregon													
Public													
Oregon Health and Science U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon Institute of Technology	1,850	0	1,850	0	0	0	0	0	0	0	0	0	0
Oregon State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oregon	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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.	0	0	0	0	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													
Public													
Indiana U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	156,500	0	0	0	70,000	0	0	0	0	41,500	0	45,000	0
Temple 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
U. Pittsburgh, Pittsburgh	111,000	0	0	0	0	0	111,000	0	0	0	0	0	0
West Chester U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bryn Mawr C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	80,000	0	0	0	80,000	0	0	0	0	0	0	0	0
Drexel U.	738	0	0	0	0	0	738	0	0	0	0	0	0
Duquesne U.	60,000	0	0	0	0	0	60,000	0	0	0	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Haverford C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	377,820	0	0	120,060	154,450	0	0	0	0	0	0	103,310	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island													
Public													
U. Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Brown U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Providence C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina													
Public													
C. Charleston	0	0	0	0	0	0	0	0	0	0	0	0	0
Clemson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical U. South Carolina	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Benedict C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claflin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota													

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 2020 or FY 2021

(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
Public													
Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota State U.	15,843	8,838	0	7,005	0	0	0	0	0	0	0	0	0
U. South Dakota	4,400	0	0	0	0	0	4,400	0	0	0	0	0	0
Private													
Augustana U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee													
Public													
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	250	0	0	0	0	0	0	0	0	0	250	0	0
Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Memphis	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville	98,500	97,500	0	0	0	0	0	0	0	0	0	1,000	0
U. Tennessee, Knoxville, Institute of Agriculture	18,100	8,000	0	0	0	0	10,100	0	0	0	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	0	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[b]	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
Texas													
Public													
Lamar U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	73,015	3,015	0	0	70,000	0	0	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

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 2020 or FY 2021

(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
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	0	0	0	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	36,500	0	36,500	0	0	0	0	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	0	0	0	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 Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas State U.	1,200	0	0	0	1,200	0	0	0	0	0	0	0	0
Texas Tech U.	30,789	0	3,060	0	0	3,060	15,491	0	0	6,119	3,060	0	0
Texas Tech U., Health Sciences Center	0	0	0	0	0	0	0	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	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Texas, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	83,000	0	83,000	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	38,900	0	0	0	0	0	30,000	0	0	0	0	0	8,900
U. Texas Southwestern Medical Center	120,000	0	0	0	120,000	0	0	0	0	0	0	0	0
U. Texas, Arlington	76,000	0	0	0	0	0	30,000	0	0	0	0	46,000	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 2020 or FY 2021

(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
U. Texas, Austin	20,000	0	0	0	0	0	0	0	0	0	20,000	0	0
U. Texas, Dallas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, San Antonio	900	0	0	0	0	0	0	0	900	0	0	0	0
U. Texas, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rice U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Methodist U.	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Edward's U.	500	0	0	0	0	0	0	0	0	0	500	0	0
Texas Christian U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah													
Public													
U. Utah	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah State U.	15,000	0	0	0	15,000	0	0	0	0	0	0	0	0
Private													
Brigham Young U., Provo	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermont													
Public													
U. Vermont	37,900	0	37,900	0	0	0	0	0	0	0	0	0	0
Private													
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Michael's C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia													
Public													
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	19,500	0	10,500	0	0	0	0	0	0	0	9,000	0	0
Old Dominion U.	73,400	0	0	0	0	0	73,400	0	0	0	0	0	0
U. Virginia, Charlottesville	10,000	0	0	0	10,000	0	0	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 2020 or FY 2021

(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
Virginia Commonwealth U.	7,600	0	0	0	0	0	0	0	7,600	0	0	0	0
Virginia Polytechnic Institute and State U.	55,194	33,694	0	0	20,000	0	1,500	0	0	0	0	0	0
Virginia State U.	9,000	9,000	0	0	0	0	0	0	0	0	0	0	0
William & Mary	84,690	0	0	0	0	84,690	0	0	0	0	0	0	0
Private													
Eastern Virginia Medical School	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
Liberty 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
U. Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington													
Public													
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
Northwest Indian C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Bothell	10,650	0	1,800	400	1,100	0	2,000	750	0	4,600	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.	0	0	0	0	0	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													
Seattle U.	14,420	0	7,866	371	0	0	0	0	0	6,182	0	0	0
West Virginia													
Public													
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	1,965	1,465	250	0	0	0	0	0	250	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin													
Public													
U. Wisconsin-Eau Claire	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Madison	26,640	0	0	0	0	0	26,640	0	0	0	0	0	0
U. Wisconsin-Milwaukee	87,800	0	0	0	0	0	0	0	0	87,800	0	0	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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
Wyoming													
Public													
U. Wyoming	103,000	0	0	0	0	0	0	0	0	0	0	0	103,000
American Samoa													
Public													
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam													
Public													
U. Guam	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico													
Public													
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, Rio Piedras	5,600	0	4,480	0	0	0	280	0	280	280	280	0	0
Private													
Polytechnic U. Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	80,000	0	0	0	0	0	80,000	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 2020 or FY 2021

(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
U. Ana G. Mendez, Cupey Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de 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													
Public													
U. of the Virgin Islands	750	750	0	0	0	0	0	0	0	0	0	0	0

i = imputed.

[a] 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.

[b] 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 2019.

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Alabama										
Public										
Alabama A&M U.	0	NA	0	0	0	0	0	0 i	0 i	0 i
Alabama State U.	20,000	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	na	na	35,762	0	7,500	960	17,160	20,000	165,000	0
U. Alabama, Birmingham	0	5,065	348	0	0	351	0	65,098	0	0
U. Alabama, Huntsville	0	0	0	5,200	0	0	0	30,000	0	0
U. Alabama, Tuscaloosa	0	0	97,288	0	0	0	0	16,450	0	0
U. South Alabama	15,300	8,000	14,500	0	0	0	1,838	1,000	162,000	0
Private										
Tuskegee U.	3,836	0	0	0	0	0	0	0	0	0
Alaska										
Public										
U. Alaska, Anchorage	25,000	NA	NA	0	0	0	0	0	0	0
U. Alaska, Fairbanks	NA	0	45,000	32,450	4,017	41,500	0	0	0	0
U. Alaska, Southeast	ne	NA	0	0	0	0	0	13,000	0	0
Private										
Alaska Pacific U.	ne	ne	ne	ne	ne	0	0	0	0	0
Arizona										
Public										
Arizona State U.	0	0	94,499	2,256	0	60,000	55,500	192,000	0	0
Dine C.	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Northern Arizona U.	0	0	0	8,400	0	0	0	0	0	0
U. Arizona	18,605	4,446	48,635	8,483	201,093	0	17,400	180,000	0	0
Arkansas										
Public										
Arkansas State U., Jonesboro	0	0	0	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	0	13,491	0	0	0	0	0	0	0	0
U. Arkansas, Fayetteville	8,300	48,800	750	993	0	6,948	13,800	61,800	107,700	0
U. Arkansas, Little Rock	0	5,400	9,059	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	4,000	0	0	0	0	0
U. Central Arkansas	0	0	0	0	0	706	0	375	0	0
California										

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Public										
California Polytechnic State U., San Luis Obispo	788	0	12,250	0	0	0	71,500	67,000	0	0
California State Polytechnic U., Pomona	461	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
California State U., Channel Islands	ne	ne	ne	ne	0	0	0	0	0	0
California State U., Chico	0	0	0	0	0	0	15,382	0	0	0
California State U., Dominguez Hills	0	0	0	0	0	12,798	0	0	0	0
California State U., Fresno	0	0	0	364	2,798	8,021	0	0	0	0
California State U., Fullerton	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
California State U., Los Angeles	0	8,833	0	0	0	0	0	0	0	0
California State U., Maritime Academy	ne	ne	ne	0	0	0	0	0	0	0
California State U., Monterey Bay	0	0	0	0	0	0	734	0	0	0
California State U., Northridge	9,700	0	0	0	594	0	0	0	0	0
California State U., Sacramento	0	0	0	0	0	0	8,530	4,400	0	0
California State U., San Bernardino	0	0	1,379	0	0	0	0	0	0	0
California State U., San Marcos	ne	ne	NA	482	0	0	0	0	0	0
California State U., Stanislaus	ne	ne	ne	0	ne	0	0	0	0	789
Humboldt State U.	0	NA	0	0	0	0	0	0	0	0
San Diego State U.	0	0	0	0	0	18,231	0	0	142,500	0
San Francisco State U.	NA	2,119	0	0	0	0	0	0	0	0
San Jose State U.	0	0	0	0	0	0	43,661	0	0	0
U. California, Berkeley	1,811	178,506	149,474	60,530	0	55,000	0	0	465,000	0
U. California, Davis	463,085	0	186,219	4,890	10,788	12,782	13,533	53,361	260,000	0
U. California, Irvine	133,707	56,830	5,163	0	0	0	43,060	44,133	38,400	0
U. California, Los Angeles	155,378	0	0	101,200	177,400	4,980	177,400	24,000	0	0
U. California, Merced	0	0	0	0	0	0	73,221	0	0	0
U. California, Riverside	49,371	80,856	37,550	648	0	66,980	27,405	100,000	100,000	0
U. California, San Diego	73,608	0	353,395	106,596	0	121,424	3,689	67,000	0	0
U. California, San Francisco	135,000	275,590	173,000	118,600	0	106,700	0	772,800	0	0
U. California, Santa Barbara	10,793	12,239	2,157	0	74,704	821	65,010	0	325,030	0
U. California, Santa Cruz	0	77,491	0	0	80,531	0	0	0	0	0
Private										

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Azusa Pacific U.	ne	ne	ne	0 i	0	0	250	0	0	0
Biola U.	ne	ne	ne	ne	ne	ne	0	0	0	0
California Institute of Technology	45,622	35,250	0	28,748	0	0	108,187	0	0	0
Chapman U.	ne	ne	0	0	0 i	30,179	0	27,500	0	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C.	ne	ne	0	0	0	0	0	350	0	0
Harvey Mudd C.	0	0	0	0	0	0	9,504	0	0	0
Keck Graduate Institute	ne	ne	ne	0	0	0 i	0	0	0	0
Loma Linda U.	0	2,854	0	6,127	0	0	0	0	70,000	0
Loyola Marymount U.	0	0	0	13,200	0	0	0	0	40,400	0
Marshall B. Ketchum U.	ne	ne	ne	ne	0	0	0	0	0	0
Occidental C.	0	0	2,262	0	0	0	0	0	0	0
Pomona C.	0	0	0	0	50,235	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0 i	0 i	0 i	0 i
Scripps Research Institute	ne	ne	0	0	0	0	0	0	130,000	0
Stanford U.	118,762	189,185	14,058	151,274	0	407,686	119,909	0	0	0
Touro U.	ne	ne	ne	0	0	0	0	0	0	0
U. of the Pacific	13,000	6,600	0	0	0	0	0	0	0	0
U. San Diego	ne	ne	0	0	2,500	0	0	0	0	0
U. San Francisco	0	0	17,770	0	0	0	0	0	0	0
U. Southern California	0	36,800	19,329	13,872	150,000	0	36,853	267,898	0	0
Western U. of Health Sciences	315	5,507	400	0	0	0	0	0	0	0
Colorado										
Public										
Colorado School of Mines	0	0	9,144	0	7,827	25,626	0	12,968	0	0
Colorado State U., Fort Collins	5,549	55,083	6,314	31,207	96,519	51,108	27,513	0	0	0
Colorado State U., Pueblo	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Fort Lewis C.	ne	ne	ne	ne	ne	ne	0	31,000	0	0
U. Colorado Boulder	0	13,377	126,425	0	81,500	35,352	9,199	0	0	0
U. Colorado Colorado Springs	5,026	0	0	10,588	0	0	3,079	0	0	0
U. Colorado Denver and Anschutz Medical Campus	0	59,480	13,260	0	8,398	0	110,849	0	383,399	0
U. Northern Colorado	0	0	0	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Private										
Colorado C.	ne	ne	ne	ne	ne	0	0	0	0 i	0
U. Denver	0	0	0	0	22,522	0	0	0	0	0
Connecticut										
Public										
Central Connecticut State U.	ne	ne	ne	0	ne	0	0	62,700	0	0
Southern Connecticut State U.	NA	0	ne	56,762	0	0	0	56,000	0	0
U. Connecticut	0	0	0	5,439	119,803	0	3,338	167,062	0	0
Private										
Connecticut C.	NA	ne	NA	0	0	0	0	0	0	0
Fairfield U.	NA	NA	NA	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Trinity C., Hartford	ne	ne	0	0	0	1,705	0	0	0	0
U. New Haven	ne	ne	ne	ne	ne	0	3,467	500	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	80,000	0
Yale U.	17,025	33,492	0	0	0	261,337	0	43,000	0	0
Delaware										
Public										
Delaware State U.	0	0	0	0	11,970	0	0	3,800	24,500	0
U. Delaware	2,723	0	62,800	3,678	4,680	0	81,192	9,666	0	0
District of Columbia										
Public										
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0
Private										
American U.	0	10,500	0	0	4,058	0	12,973	0	0	0
Catholic U. of America	0	NA	NA	0	0	0	0	60,000	0	0
Gallaudet U.	NA	NA	0	0	0	0	0	0	0	0
George Washington U.	0	0	49,646	32,250	0	0	0	0 i	0 i	0 i
Georgetown U.	0	0	26,658	0	0	0	0	0	0	0
Howard U.	0	0	0	39,290	0	0	0	0	0	0
Florida										
Public										
Florida A&M U.	0	0	0	0	27,564	988	582	0	38,563	0
Florida Atlantic U.	641	21,877	14,587	0	0	487	0	22,750	0	0

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Florida Gulf Coast U.	0	4,362	2,900	0	1,375	0	0	117,123	0	0
Florida International U.	0	13,101	38,668	7,379	0	0	0	0	0	0
Florida Polytechnic U.	ne	ne	ne	ne	ne	ne	14,032	0	0	0
Florida State U.	0	85,000	24,000	0	0	21,380	4,700	88,000	0	0
U. Central Florida	0	202,244	0	1,012	1,926	60,584	0	2,000	84,500	0
U. Florida	82,556	58,006	70,452	5,743	21,320	30,765	7,640	201,600	0	0
U. North Florida	NA	0	35,443	0	0	4,054	0	0	0	0
U. South Florida, Saint Petersburg	ne	ne	ne	ne	0	750	0	0	0	0
U. South Florida, Tampa[a]	430	25,877	11,400	0	0	0	44,648	5,400	0	0
U. West Florida	0	12,000	0	0	0	0	0	0	0	0
Private										
Bethune-Cookman U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Embry-Riddle Aeronautical U.	0	0	0	0	4,417	31,925	4,222	0	0	0
Florida Institute of Technology	0	4,484	0	0	1,567	0	0	19,600	0	0
Nova Southeastern U.	0	0	30,000	0	20,774	0	0	0	0	0
U. Miami	180,000	8,400	0	40,272	0	0	0	229,997	0	0
Georgia										
Public										
Albany State U.	0	0	ne	0	0	0	0	0	0	0
Augusta U.	na	na	na	0	0	33,375	0	0	0	0
Fort Valley State U.	0	19,278	0	0	5,100	0	6,502	4,000	0	0
Georgia Institute of Technology	56,376	1,100	24,750	113,000	0	0	0	76,190	103,800	172,500
Georgia Southern U.	0	0	12,733	0	0	0	18,350	0	0	0
Georgia State U.	1,371	44,629	1,389	0	26,510	0	0	71,200	70,000	0
Kennesaw State U.	ne	ne	18,159 i	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	10,000	0	0	0	0
U. Georgia	2,290	19,920	0	8,051	5,277	16,184	51,883	71,425	54,000	0
Private										
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0
Emory U.	0	130,522	62,000	25,700	0	0	0	288,000	0	0
Mercer U.	0	0	0	0	1,500	9,901	0	0	0	0
Morehouse C.	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0	1,326	0	0	45,000	0

TABLE 17

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									Included in institutional plan	Not included in institutional plan
Spelman C.	0	0	0	0	0	0	0	0	0	0
Hawaii										
Public										
U. Hawaii, Hilo	0	2,000	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	11,000	22,500	0	0	0	0	43,000	13,000	0	0
Private										
Hawaii Pacific U.	ne	ne	ne	0	0	456	250	9,500	0	0
Idaho										
Public										
Boise State U.	0	0	24,942	0	0	0	13,864	0	142,500	0
Idaho State U.	0	0	784	0	0	0	4,000	0	72,000	0
U. Idaho	3,440	0	0	657	53,333	3,359	7,781	32,220	31,500	0
Illinois										
Public										
Chicago State U.	0	0	0	ne	ne	ne	0	0	0	0
Illinois State U.	0	0	0	0	0	0	0 i	0 i	0 i	0 i
Northeastern Illinois U.	ne	0	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Northern Illinois U.	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	0	0	0	48,438	0	0	0	1,500	0	0
U. Illinois, Chicago	0	0	7,250	0	0	0	9,695	115,000	245,500	0
U. Illinois, Springfield	0	252	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	96,800	82,000	0	1,165	2,382	7,731	44,829	23,675	0	0
Western Illinois U.	0	0	0	0	490	0	0	0	0	0
Private										
Bradley U.	0	0	0	0	0	7,208	0	0	0	0
DePaul U.	25,380	0	0	0	0	0	0	0	0	0
Illinois Institute of Technology	0	0	0	0	0	0	0	0	0	0
Loyola U., Chicago	0	0	0	133,575	0	0	0	0	0	0
Midwestern U.	1,488	56,200	0	10,017	0	0	10,409	0	0	0
Northwestern U.	67,980	0	35,987	40,465	16,775	310,600	50,983	0	0	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	50,000	0	0
Rush U.	0	0	0	0	0	0	0	0	0	0

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Toyota Technological Institute, Chicago	ne	ne	ne	ne	0	0	0	0	0	0
U. Chicago	29,000	0	2,300	108,766	0	14,791	3,675	12,400	0	0
Wheaton C., Wheaton	ne	ne	ne	ne	ne	ne	0	0	0	0
Indiana										
Public										
Ball State U.	0	0	0	0	287	0	17,938	0	0	0
Indiana U., Bloomington	na	na	1,607	0	0	39,800	20,650	35,000	0	0
Indiana U.-Purdue U., Indianapolis	na	na	6,000	27,710	0	53,600	35,972	0	0	0
Purdue U., Fort Wayne[b]	na	na	0	0	0	0	0	0	0	0
Purdue U., Northwest	na	na	na	na	na	0	1,650	0	0	0
Purdue U., West Lafayette	na	na	14,725	123,744	10,000	8,230	43,822	34,277	127,790 i	0
Private										
U. Notre Dame	26,528	20,000	0	3,033	61,433	0	1,385	0	0	0
Iowa										
Public										
Iowa State U.	14,914	80,931	4,490	9,422	0	35,288	0	9,750	15,200	0
U. Iowa	0	70,944	122,615	0	0	42,621	9,054	0	0	0
U. Northern Iowa	0	0	332	0	0	0	0	0	0	0
Private										
Des Moines U.	ne	0	ne	ne	ne	0	0	0	0	0
Grinnell C.	ne	ne	0	0	0	2,602	0	0	0	0
Palmer C. of Chiropractic, Davenport	ne	0	0	0	0	0	0	0	0	0
Kansas										
Public										
Kansas State U.	0	1,000	0	0	5,560	5,300	0	500	36,700	0
Pittsburg State U.	5,200	0	0	0	0	0	0	0	0	0
U. Kansas	13,711	3,000	42,382	65,107	0	45,584	0	47,506 i	0 i	0 i
Wichita State U.	12,137	0	380	0	19,918	0	0	7,450	0	0
Kentucky										
Public										
Eastern Kentucky U.	ne	ne	0	0	350	0	0	0	0	0
Kentucky State U.	0	2,600	1,500	2,441	0	0	0	0	0	0
Morehead State U.	0	4,084	0	0	0	0	0	0	0	0

TABLE 17

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									Included in institutional plan	Not included in institutional plan
Murray State U.	10,400	0	0	0	48,720	0	0	0	0	0
Northern Kentucky U.	0	0	0	0	0	592	0	0	0	0
U. Kentucky	79,119	7,498	28,793	0	0	248,886	0	0	0	30,000
U. Louisville	108,630	0	0	9,386	0	0	0	0	99,319	0
Western Kentucky U.	0	5,950	1,269	0	0	18,000	0	0	0	0
Louisiana										
Public										
Grambling State U.	ne	ne	ne	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	0	11,600	0	0	35,413	7,540	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	0	0	0	0	0	17,380	42,340	62,000	0	0
Louisiana State U., Health Sciences Center, Shreveport	ne	0	0	0	0	0	0	0	12,300	0
Louisiana Tech U.	900	4,000	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	ne	0	0	0	ne	0	0	0	0	0
Southeastern Louisiana U.	0	0	0	0	0	1,353	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
Southern U. and A&M C., Baton Rouge	0	0	0	0	0	0	0	0	0	30,000
U. Louisiana, Lafayette	0	0	259	0	0	0	0	0	0	0
U. Louisiana, Monroe	0	2,724	0	0	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0
Private										
Dillard U.	ne	0	0	0	0	0	0	0	1,900	0
Tulane U.	52,210	25,897	6,218	0	4,342	13,257	5,988	56,000 i	0	0
Xavier U. Louisiana	0	4,000	0	0	0	0	0	0	0	0
Maine										
Public										
Maine Maritime Academy	ne	ne	ne	ne	0	0	0	0	0	0
U. Maine	1,300	6,869	3,450	0	6,500	0	0	80,000	0	0
U. Southern Maine	1,157	326	0	0	0	0	0	0	0	1,500
Private										
Bates C.	0	ne	0	0	0	0	80,000 i	80,000	0	0
Bowdoin C.	NA	NA	NA	0	0	0	4,195	0	0	0
Colby C.	0	0	0	4,100	577	0	0	0	0	0
U. New England	NA	4,000	995	0	0	0	0	0	0	0

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									Included in institutional plan	Not included in institutional plan
Maryland										
Public										
Bowie State U.	0	ne	ne	0	0	0	0	0	0	0
Morgan State U.	0	0	23,000	0	0	0	0	0	0	0
Salisbury U.	ne	ne	ne	0	0	0	0	0	0	0
Towson U.	0	9,000	0	0	0	32,000	0	0	0	0
U. Baltimore	NA	2,948	0	0	0	0	0	0	0	0
U. Maryland[c]	na	na	na	na	na	na	280,716	146,699	133,300	0
U. Maryland Center for Environmental Science	0	724 i	0	16,700	0	21,635	0	16,930	34,540	0
U. Maryland, Baltimore County	0	0	0	0	0	73,448	0	0	0	0
U. Maryland, Eastern Shore	0	0	0	20,000	0	0	10,000	14,000	90,000	0
Private										
Johns Hopkins U.	6,582	24,320	39,913	21,116	0	0	225,400	0	0	0
Massachusetts										
Public										
U. Massachusetts, Amherst	12,968	82,622	0	0	190,000	0	0	5,000	320,000	0
U. Massachusetts, Boston	750	0	130,600	0	0	0	0	0	0	0
U. Massachusetts, Dartmouth	0	0	0	12,000	0	16,000	0	0	0	0
U. Massachusetts, Lowell	0	0	16,600	0	0	6,136	0	0	0	110,000
U. Massachusetts, Medical School	0	28,600	191,685	0	0	0	0	300,000	0	0
Private										
Amherst C.	0	0	0	0	0	41,454	0	0	0	0
Babson C.	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Boston C.	0	0	0	0	0	0	0	24,665	0	0
Boston U.	197,500	0	0	0	79,800	0	0	319,214	0	0
Brandeis U.	57,980	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0
Emerson C.	ne	ne	ne	ne	ne	ne	0	0	0	0
Harvard U.	8,904	0	1,700	0	0	303,360	0	0	0	0
Massachusetts Institute of Technology	NA	373,500	0	0	350,000	0	0	227,700	0	0
MGH Institute of Health Professions	ne	ne	ne	ne	0	0	0	0	0	0
Mount Holyoke C.	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	ne	0 i	0 i	0 i	0 i

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Northeastern U.	0	0	11,989	0	168,000	0	36,000	280,000	0	0
Smith C.	0	21,500	0	0	0	0	0	0	0	0
Suffolk U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Tufts U.	0	38,207	0	0	1,900	44,797	0	46,100	0	0
Wellesley C.	0	0	0	0	0	0	0	74,520	0	0
Williams C.	0	0	0	0	0	0 i	0 i	0 i	0 i	0 i
Woods Hole Oceanographic Institution	0	0	12,100	0	0	850	0	48,000	0	0
Worcester Polytechnic Institute	19,250	0	0	3,340	0	0	0	18,030	0	0
Michigan										
Public										
Central Michigan U.	NA	NA	NA	6,209	25,338	0	0	0	0	0
Eastern Michigan U.	0	0	0	0	0	5,216	5,780	0	0	0
Grand Valley State U.	3,000	380	0	1,953	0	910	1,276	0	0	0
Michigan State U.	6,666	19,550	66,976	132,922	792,500	100,806	19,800	1,300	44,900	0
Michigan Technological U.	0	1,307	20,278	0	0	3,424	0	32,855	151,200	0
Oakland U.	0	0	0	1,056	0	0	0	0	0	0
Saginaw Valley State U.	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Michigan, Ann Arbor	na	na	0	7,500	500	87,000	50,114	47,783	0 i	0 i
U. Michigan, Dearborn	na	na	0	0	0	0	19,898	0	0	0
Wayne State U.	11,214	0	0	76,260	0	0	0	0	100,000	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	0	0	700	0	0	0	0	0	0	0
Private										
Andrews U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Calvin C.	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	2,528 i	0	0	0	0	0	0
Kettering U.	0	2,700	0	0	0	0	0	0	0	0
Lawrence Technological U.	5,900	0	0	0	13,000	0	0	0	0	0
U. Detroit Mercy	ne	ne	0	ne	0	0	0	0	0	0
Van Andel Research Institute	ne	ne	ne	ne	ne	0	0	0	0	0
Minnesota										
Public										
Minnesota State U., Mankato	ne	0	0	0	0	0	0	0	0	0
St. Cloud State U.	4,633	0	0	31,390	0	0	0	0	0	0

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									Included in institutional plan	Not included in institutional plan
U. Minnesota, Duluth	na	na	0	0	0	0	12,778	0	1,800	0
U. Minnesota, Twin Cities	na	na	188,085	98,726	42,998	27,705	1,347	0	332,497	0
Private										
Carleton C.	0	0	0	0	0	0	12,947	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0
U. of St. Thomas (MN)	ne	ne	NA	ne	ne	ne	0 i	0 i	0 i	0 i
Mississippi										
Public										
Alcorn State U.	13,000	0	0	375	0	0	0	0	4,500	0
Jackson State U.	NA	0	0	0	0	0	0	0	0	0
Mississippi State U.	6,704	989	2,684	0	894	10,797	13,117	4,172	0	0
U. Mississippi	0	2,834	13,820 i	0	103,084	0	0	439	0	0
U. Southern Mississippi	0	0	2,000	0	0	404	0	0	0	0
Private										
Tougaloo C.	ne	0	0	0	0	0	0	0	0	0
Missouri										
Public										
Lincoln U., Jefferson City	0	0	0	1,267	0	679	0	4,500	0	0
Missouri State U.	0	0	7,600	3,300	0	0	647	756	20,460	0
Missouri U. of Science and Technology	17,402	0	4,216	7,535	0	0	10,446	0	0	0
U. Missouri, Columbia	9,080	18,382	0	0	0	0	233,697	2,400	0	0
U. Missouri, Kansas City	0	0	0	0	0	0	32,082	0	0	0
U. Missouri, Saint Louis	38,500	0	0	0	4,500	0	0	0	0	0
Private										
A. T. Still U.	0	0	0	0	ne	0	0	0	0	0
Saint Louis U.	0	0	0	0	0	0	8,800	0	0	0
Washington U., Saint Louis	0	22,859	2,884	80,013	654	66,119	58,583	551,784	0	0
Montana										
Public										
Montana State U., Bozeman	24,000	4,000	0	0	0	0	17,000	0	0	0
Montana Technological U.	0	522	0	1,083	3,040	0	0	600	0	0
U. Montana, Missoula	0	3,609	0	0	0	0	0	0	0	0
Nebraska										

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Public										
U. Nebraska, Kearney	ne	ne	NA	ne	6,270	0	30,000	0	0	0
U. Nebraska, Lincoln	7,450	44,058	13,350	12,000	0	0	0	0	0	146,872
U. Nebraska, Medical Center	73,088	2,487	0	0	109,343	0	0	0	0	0
U. Nebraska, Omaha	0	0	0	7,538	640	0	11,610	0	0	0
Private										
Creighton U.	0	0	0	0	0	0	0	0	0	0
Nevada										
Public										
Desert Research Institute	23,340	0	450	0	0	0	0	0	21,000	0
U. Nevada, Las Vegas	61,740	0	910	2,160	0	4,041	0	0	0	0
U. Nevada, Reno	0	30,000	0	0	0	0	35,000	0	0	0
Private										
Roseman U. of Health Sciences	ne	ne	ne	ne	0	0	0	0	0	0
New Hampshire										
Public										
U. New Hampshire	14,907	10,844	0	0	0	0	29,070	0	0	0
Private										
Dartmouth C.	NA	96,898	0	96,500	0	0	21,040	0 i	0 i	0 i
New Jersey										
Public										
Montclair State U.	NA	0	0	0	0	0	0	0	0	0
New Jersey City U.	ne	ne	ne	ne	ne	ne	0	0	0	0
New Jersey Institute of Technology	0	0	0	0	0	5,736	6,000	0	0	0
Rowan U.	0	0	35,000	0	0	6,363	0	46,750	0	0
Rutgers, State U. New Jersey, Camden	na	na	350	0	1,000	16,000	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick[d]	na	na	47,000	0	122,800	18,800	9,000	95,280	644,650	0
Rutgers, State U. New Jersey, Newark	na	na	0	0	10,640	0	0	0	0	0
Stockton U.	ne	ne	ne	ne	0	ne	0	0	60,000	0
William Paterson U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Private										
Monmouth U.	0	0	0	ne	ne	ne	0	0	0	0
Princeton U.	166,400	0	151,022	174,677	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Stevens Institute of Technology	0	0	2,550	0	0	1,433	14,061	0	0	0
New Mexico										
Public										
New Mexico Institute of Mining and Technology	0	3,000	0	0	7,619	7,126	0	0	0	0
New Mexico State U.	0	1,525	500	0	0	0	0	0	0	0
U. New Mexico	17,096	0	9,899	0	0	0	36,009	33,000	0	0
New York										
Public										
CUNY, Advanced Science Research Center	ne	ne	ne	ne	ne	0	0	0	0	0
CUNY, Baruch C.	0	0	0	0	ne	0	0	0	0	0
CUNY, Brooklyn C.	0	0	0	0	0	0 i	0	0	0	0
CUNY, C. Staten Island	0	0	0	0	0	0	0	1,250	0	0
CUNY, City C.	1,500	0	0	0	0	0	0	0	0	0
CUNY, Graduate Center	0	0	0	0	0	0	0 i	0 i	0 i	0 i
CUNY, Graduate School of Public Health and Health Policy	ne	ne	ne	ne	ne	ne	0	0	0	0
CUNY, Hunter C.	0	0	0	0	0	3,926	0 i	0 i	0 i	0 i
CUNY, John Jay C. of Criminal Justice	ne	NA	0	0	0	0	0	0	0	0
CUNY, Lehman C.	0	76,781	0	0	0	0	0	3,846	0	0
CUNY, Medgar Evers C.	ne	ne	ne	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	ne	ne	ne	ne	ne	ne	0	0	0	0
CUNY, Queens C.	6,798	0	42,000	0	0	0	0	8,500	0	0
CUNY, York C.	0	0	ne	0	ne	ne	0	0	0	0
SUNY, Binghamton U.	0	58,110	30,996	0	31,900	20,900	0	726	0	43,992
SUNY, Buffalo State	0	0	17,096	25,853	0	0	3,986	0	0	0
SUNY, C. Brockport	ne	ne	ne	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Optometry	0	0	0	0	0	0	1,000	500	0	0
SUNY, C. Plattsburgh	0	ne	0	ne	0	0	0	0	0	0
SUNY, Downstate Medical Center	0	0	0	13,000	0	0	0	0	0	0
SUNY, Geneseo	0	0	0	0	ne	0	0	0	0	0
SUNY, Oswego	0	0	ne	12,708	ne	0	0	1,000	0	0
SUNY, Polytechnic Institute	ne	ne	ne	ne	0	0	0	0	0	0
SUNY, Stony Brook U.	42,750	66,582	2,625	131,230	2,760	31,000	0	35,000	0	243,000

TABLE 17

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(Costs in thousands of dollars)

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SUNY, U. Albany[e]	25,900	0	257,300	13,980	0	0	56,389	0	0	0
SUNY, U. Buffalo	0	95,335	0	0	78,660	0	0	0	80,000	0
SUNY, Upstate Medical U.	0	0	72,000	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	0
Albany Medical C.	0	8,500	19,456	0	0	0	0 i	0 i	0 i	0 i
Albert Einstein C. of Medicine	ne	ne	ne	ne	ne	0	0	0	0	0
Alfred U.	0	0	0	0	8,100	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0
Canisius C.	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i	0 i
Clarkson U.[f]	0	596	2,034	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	ne	ne	ne	15,500	0	25,000	0	0	150,000	0
Colgate U.	0	0	0	0	0	0	0	13,800	0	0
Columbia U. in the City of New York	157,609	0	2,726	607,510	0	0	0	0	0	0
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0
Cornell U.	190,232	141,030	27,303	32,075	0 i	0	0	0	0	0
Fordham U.	0	0	0	0	0	0	0	0	150,000	0
Hobart and William Smith Colleges	ne	0	0	0	0	ne	0	0	0	0
Hofstra U.	ne	ne	1,050	8,000	0	2,522	0	50,000	0	0
Icahn School of Medicine at Mt. Sinai	15,101	267,840	0	0	0	0	0	0	0	0
Long Island U.	NA	NA	NA	5,680	ne	ne	0	23,000	0	7,500
Manhattan C.	ne	ne	ne	ne	ne	ne	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
New School	0	980	0	1,207	0	0	0	0	0	0
New York Institute of Technology	0	0	0	0	0	0	0	0	0	0
New York Medical C.	0	0	0	11,628	0	0	0	0	0	0
New York U.[d]	108,503	0	0	35,000	595,284	0	0	0	0	0
Pace U.	ne	0	0	0	0 i	0	0	0	0	0
Rensselaer Polytechnic Institute	0	6,400	0	0	1,025	0	0	0	0	0
Rochester Institute of Technology	0	0	33,927	1,793	0	0	7,000	4,000	0	0
Rockefeller U.	0	35,303	0	0	356,000	0	0	0	0	0
Skidmore C.	ne	ne	0	0	0	0	28,000	24,716	0	0

TABLE 17

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									Included in institutional plan	Not included in institutional plan
St. John's U., New York	0	0	0	0	0	0	0	0	0	0
Syracuse U.	90,300	0	0	0	0	0	0	0	0	0
U. Rochester	36,081	71,400	0	0	6,343	0	0	0	2,500	0
Union C., Schenectady	0	4,342	0	0	0	15,038	0	0	0	0
Vassar C.	ne	0	0	ne	ne	0	0	0	0	0
Yeshiva U.[g]	2,870	0	0	0	0	0	0	0	0	0
North Carolina										
Public										
Appalachian State U.	0	0	0	0	0	389	0	0	0	0
East Carolina U.	0	485	527	0	0	0	0	23,735	33,141	0
Fayetteville State U.	ne	0	0	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	0	0	0	0	0	0	21,632 i	0 i	0	0
North Carolina Central U.	10,854	0	650	0	0	0	0	0	0	0
North Carolina State U.	39,713	0	2,960	0	0	1,620	48,197	146,879	8,000	0
U. North Carolina, Asheville	8,800	0	0	475	0	0	0	0	0	0
U. North Carolina, Chapel Hill	155,903	277,649	158,529	0	0	0	0	0	0	0
U. North Carolina, Charlotte	9,749	76,000	41,500	0	0	75,578	0	0	0	0
U. North Carolina, Greensboro	0	0	0	0	0	0	10,800	0	39,800	0
U. North Carolina, Wilmington	0	3,325	27,572	0	0	0	2,946	0	0	0
Western Carolina U.	0	NA	NA	0	0	0	20,132 i	0 i	0 i	0 i
Winston-Salem State U.	0	0	ne	0	ne	0	2,138	0	0	0
Private										
Davidson C.	ne	0	0	0	17,063	0	0	0	0	0
Duke U.	17,400	0	0	39,230	0	101,150	77,800	0	0	0
Elon U.	ne	ne	ne	0	ne	0	0	60,000	0	0
Johnson C. Smith U.	ne	ne	ne	ne	ne	ne	313	0	0	0
Wake Forest U.	0	0	0	1,168	0	2,021	0	50,000	0	0
North Dakota										
Public										
North Dakota State U.	0	11,757	20,493	8,583	5,525	550	0	39,418	60,000	0
U. North Dakota	6,600	0	4,000	0	10,542	0	0	0	0	0
Ohio										
Public										

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Bowling Green State U.	0	0	0	0	0	0	5,679	5,000	0	0
Central State U.	0	3,214	0	0	0	0	0	0	0	0
Cleveland State U.	0	0	0	0	1,315	0	9,558	0	0	0
Kent State U.	NA	0	0	0	723	18,846	16,164	0	0	0
Miami U.	0	0	0	0	3,651	0	0	96,000	0	0
Northeast Ohio Medical U.	0	0	42,000	0	0	0	0	0	0	0
Ohio State U.	0	0	0	200,000	694	0	16,975 i	118,487	0	0
Ohio U.	1,310	8,209	0	0	1,359	0	15,684	0	0	0
U. Akron	NA	NA	8,155	13,824	0	0	0	8,000	0	0
U. Cincinnati	278	0	0	0	0	4,908	0	70,958	0	58,324
U. Toledo	0	0	6,975	0	0	0	0	0	26,730	0
Wright State U.	6,191	0	0	32,000	0	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	6,000	0	0
Private										
C. Wooster	ne	ne	ne	ne	0 i	0 i	0	0	0	0
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0
Heidelberg U.	ne	ne	ne	0	0	0	0	0	0	0
Kenyon C.	ne	ne	ne	ne	ne	ne	0	0	0	0
Oberlin C.	ne	ne	0	0	0	0	0	0	0	0
U. Dayton	1,105	0	0	0	4,400	0 i	0	0	0	0
Oklahoma										
Public										
Langston U.	0	0	0	0	6,750	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	na	na	0	0	0	0	0	0	0	0
Oklahoma State U., Stillwater	na	na	0	0	0	0	0	0	0	0
U. Central Oklahoma	ne	ne	0	ne	0	6,363	0	0	0	0
U. Oklahoma, Norman and Health Science Center	0	126,910	13,000	15,300	0	9,591	74,500	0	0	0
U. Oklahoma, Tulsa	ne	ne	ne	ne	ne	0	0	0	0	0
Private										
U. Tulsa	0	0	7,164	0	0	0	0	0	0	0
Oregon										
Public										
Oregon Health and Science U.	1,999	2,088	0	15,455	12,570	149,000	10,961	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Oregon Institute of Technology	12,600	0	ne	ne	0	0	0	1,850	0	0
Oregon State U.	0	0	40,000	0	20,000	56,750	20,000	0	0	0
Portland State U.	1,200	0	0	0	0	0	22,891	0	0	0
U. Oregon	11,849	0	30,292	0	0	0	225,000	0	775,000	0
Private										
Lewis and Clark C.	ne	0	0	0	0	0	0	0	0	0
National U. of Natural Medicine	ne	ne	ne	ne	ne	0	0	0	0	0
Pacific U.	ne	ne	0	ne	0	0 i	0 i	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0
Willamette U.	ne	ne	0	0	0	0	0	0	0	0
Pennsylvania										
Public										
Indiana U. Pennsylvania	ne	ne	ne	ne	ne	ne	0	0	0	0
Pennsylvania State U., Behrend	na	na	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	na	na	0	5,158 i	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	na	na	0	47,693 i	0	75,700	27,528	156,500	55,167	0
Temple U.	70,000	0	10,000	102,492 i	0	0	0	0 i	0 i	0 i
U. Pittsburgh, Pittsburgh	NA	10,971	32,383	0	0	0	0	111,000	0	0
West Chester U. Pennsylvania	ne	0	0	0 i	0	0	19,000	0	0	0
Private										
Bryn Mawr C.	0	0	1,400	0	0	0	0	0	0	0
Bucknell U.	NA	0	0	0	0	0	7,513	0	0	0
Carnegie Mellon U.	49,854	0	0	56,959	0	0	22,209	80,000	0	300,000
Drexel U.	NA	7,581	0	0	0	0	0	738	0	0
Duquesne U.	0	0	0	0	0	0	0	60,000	0	0
Franklin and Marshall C.	40,000	0	0	0	0	0	0	0	0	0
Gettysburg C.	ne	ne	ne	ne	ne	ne	0	0	0	0
Haverford C.	ne	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	ne	ne	21,432	0	0	0
Lehigh U.	0	20,900	0	0	0	5,000	48,000	0	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0	2,750	0	0	0
Saint Joseph's U.	0	0	0	0	ne	ne	0	0	0	0
Salus U.	0	0	0	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 2006–21

(Costs in thousands of dollars)

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									Included in institutional plan	Not included in institutional plan
Swarthmore C.	0	0	0	0	0	12,640	0	0	0	0
Thomas Jefferson U.	NA	0	0	0	0	0	0	0	325,000	0
U. of the Sciences Philadelphia	NA	0	0	0	0	0	0	0	0	0
U. Pennsylvania	0	323,325	38,800	0	60,762	38,602	0	377,820	0	0
Villanova U.	NA	0	0	0	0	0	0	0	0	0
Rhode Island										
Public										
U. Rhode Island	12,513	0	46,510	700	16,060	66,341	0	0	114,900	55,400
Private										
Brown U.	0	0	0	0	2,895	42,522	0	0	122,000	0
Providence C.	ne	ne	ne	ne	0	i 375	0	0	0	0
Roger Williams U.	NA	ne	0	0	0	0	0	0	0	0
South Carolina										
Public										
C. Charleston	NA	NA	0	3,483	700	0	0	0	0	0
Clemson U.	9,870	0	47,000	0	0	6,540	0	0	0	0
Coastal Carolina U.	0	0	3,950	0	7,638	0	0	0	0	0
Medical U. South Carolina	0	112,251	0	0	0	0	0	0	0	0
South Carolina State U.	0	2,500	50,000	0	21,000	0	0	0	0	0
U. South Carolina, Aiken	na	na	ne	0	ne	0	0	0	30,000	0
U. South Carolina, Columbia	na	na	0	0	0	0	0	0	0	0
Private										
Benedict C.	0	0	0	0	0	0	0	0	0	0
Claflin U.	ne	0	0	0	0	0	0	0	0	48,000
Furman U.	NA	NA	0	0	0	0	0	0	0	0
South Dakota										
Public										
Dakota State U.	ne	ne	ne	0	0	0	6,500	0	0	0
South Dakota School of Mines and Technology	0	7,100	15,387	0	0	0	0	0	0	34,000
South Dakota State U.	0	11,467	1,874	854	10,000	4,325	0	15,843	10,078	22,250
U. South Dakota	0	0	0	0	0	0	0	4,400	0	0
Private										
Augustana U.	ne	ne	ne	0	4,525	ne	0	0	0	0

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									Included in institutional plan	Not included in institutional plan
Tennessee										
Public										
Austin Peay State U.	ne	ne	ne	0	ne	ne	0	0	0	0
East Tennessee State U.	1,820	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	0	0	0	10,400	0	0	0	250	12,959	0
Tennessee State U.	0	0	1,287	8,000	500	39,987	10,500	0	0	0
Tennessee Technological U.	0	0	0	0	0	0	22,077	0	0	0
U. Memphis	0	0	0	0	7,389	650	0	0	41,000	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	na	na	na	49,000	0	0	0	0	0	0
U. Tennessee, Knoxville[e]	10,000	0	11,600	28,388	71,464	0	56,163	98,500	0	0
U. Tennessee, Knoxville, Institute of Agriculture	na	na	na	0	0	0	0	18,100	281,500	0
Private										
Fisk U.	0	0	0	0	0	0	0	0	0	0
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center[h]	54,710	0	775	0	26,948	0	0	0 i	0 i	0 i
Texas										
Public										
Lamar U.	0	0	0	0	0	0	45,000	0	0	0
Prairie View A&M U.	NA	0	0	0	0	0	4,195	73,015	0	0
Sam Houston State U.	0	0	0	0	351	17,900	3,731	0	0	0
Stephen F. Austin State U.	0	300	0	0	0	46,400	0	0	0	0
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	0	5,000	0	0	0	27,837	10,000	0	0	0
Texas A&M International U.	ne	ne	0	0	0	25,000	0	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	36,500	0	0
Texas A&M U.-Commerce	ne	0	0	0	0	0	25,000	0	0	0
Texas A&M U.-Corpus Christi	0	0	0	413	0	25,737 i	0	0	0	0
Texas A&M U.-Kingsville	826	1,089	434	0	0	0	0	0	0	0
Texas Southern U.	0	0	0	3,734	0	0	0	0	0	0
Texas State U.	1,398	1,070	2,067	0	0	51,700	0	1,200	0	2,132
Texas Tech U.	10,000	0	0	5,197	3,016	77,000	7,200	30,789	0	0
Texas Tech U., Health Sciences Center[i]	11,603	0	5,023	0	334	1,215	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Texas Tech U., Health Sciences Center, El Paso	na	na	na	na	0	0	30,000	0	0	0
Texas Woman's U.	0	0	0	0	0	0	54,000	0	0	0
U. Houston	0	15,053	34,953 i	0	41,845	102,000	3,733	0	0	0
U. Houston-Clear Lake	ne	ne	ne	0	0	10,632 i	0	0	0	0
U. North Texas, Denton	NA	33,658	1,150	6,052	0	0	5,294	0	0	0
U. North Texas, Health Science Center	3,003	0	0	0	0	47,018	0	0	0	0
U. Texas Health Science Center, Houston	0	76,022	2,861	0	0	10,622	0	0	176,000	0
U. Texas Health Science Center, San Antonio	0	150,000	0	0	0	0	51,700	0	0	0
U. Texas Health Science Center, Tyler	ne	ne	ne	ne	ne	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	136,630	0	0	282,200	0	0	0	83,000	0	0
U. Texas Medical Branch	6,221	0	0	0	0	54,110	0	0	0	0
U. Texas Rio Grande Valley	na	na	na	na	na	38,956	984	38,900	0	0
U. Texas Southwestern Medical Center	21,960	195,700	820,137	0	3,487	0	215,922	120,000	0	0
U. Texas, Arlington	0	57,881	0	0	0	71,000	0	76,000	0	0
U. Texas, Austin	0	0	155,152	40,000	105,324	0	96,011	20,000	75,000	0
U. Texas, Dallas	0	0	0	143,000	21,496	45,377	13,261	0	0	0
U. Texas, El Paso	25,762	28,199	27,000	0	0	85,424	0	0	0	0
U. Texas, San Antonio	22,342	0	0	9,269	0	18,060	0	900	0	0
U. Texas, Tyler	ne	0	0	860	0	0	0	0	0	0
West Texas A&M U.	0	0	3,103	700	0	0 i	0 i	0 i	0 i	0 i
Private										
Baylor C. of Medicine	50,732	0	0	0	0	6,982	0	0	0	0
Baylor U.	0	792	0	0	526	0	0	0	0	0
Rice U.	46,400	24,696	0	0	0	0	0	0	0	0
Southern Methodist U.	7,200	2,383	0	9,800	0	0	11,762	0	15,000	0
St. Edward's U.	ne	ne	ne	35,000	0	250	0	500	0	0
Texas Christian U.	0	0	0	0	0	250	0	0	0	0
Trinity U.	0	0	14,420	0	0	0	0	0	0	0
U. of the Incarnate Word	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Utah										
Public										
U. Utah	19,858	131,920	75,104	274	112,571	53,145	3,385	0	185,000	0
Utah State U.	22,586	82,720	5,064	0	2,320	39,038	32,000	15,000	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Private										
Brigham Young U., Provo	0	0	89,269 i	250 i	0	35,940 i	3,675 i	0	0	0
Vermont										
Public										
U. Vermont	520	46,985	0	2,311	1,673	11,177	0	37,900	0	0
Private										
Middlebury C.	ne	0	0	0	0	0	557	0	0	0
Saint Michael's C.	ne	ne	ne	0	0	0	0	0	0	0
Virginia										
Public										
Christopher Newport U.	ne	ne	12,567	0	0	0	0	0	0	0
George Mason U.	36,800	48,300	50,691	0	20,000	3,000	0	0	0	0
James Madison U.	425	0	0	0	0	0	0	0	0	0
Norfolk State U.	0	0	0	0	0	0	0	19,500	0	0
Old Dominion U.	24,570	10,566	0	13,877	0	0	15,960	73,400	0	0
U. Virginia, Charlottesville[a]	74,550	160,250	1,315	0	0	0	0	10,000	0	0
Virginia Commonwealth U.	83,341	7,727	11,817	0	0	0	100,641	7,600	748,961	0
Virginia Polytechnic Institute and State U.	86,860	94,000	64,332	86,266	17,558	535	83,294	55,194	0	0
Virginia State U.	0	0	0	0	0	0	0	9,000	3,760	0
William & Mary	12,824	5,737	3,307	0	14,940	1,337	0	84,690	51,758	0
Private										
Eastern Virginia Medical School	0	0	0	0	0	0	0	0	0	0
Edward Via C. of Osteopathic Medicine	ne	ne	ne	0	0	0	0	0	0	0
Hampton U.	0	4,351	8,695	12,000	0	0	0	0	0	0
Liberty U.	ne	ne	ne	ne	ne	ne	0	0 i	0 i	0 i
U. Richmond	NA	NA	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
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	ne	ne	0	1,492	0	ne	0	0	0	0
U. Washington, Bothell	na	na	ne	ne	ne	ne	0	10,650	0	0
U. Washington, Seattle	na	na	0	239,000	191,750	355,000	230,000	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
U. Washington, Tacoma	na	na	ne	ne	ne	3,500	0	0	0	0
Washington State U.	57,300	0	125,930	0	69,104	1,879	51,411	0	353,949	0
Western Washington U.	16,277	1,271	0	0	0	0	0	0	0	0
Private										
Seattle U.	ne	NA	0	ne	0	0	0	14,420	0	0
West Virginia										
Public										
Marshall U.	4,500	278	0	22,894	0	0	1,560	0	0	0
West Virginia State U.	0	0	0	0	0	2,681	0	1,965	21,000	0
West Virginia U.	78,017	0	23,606	65,300	0	0	0	0	0	0
Wisconsin										
Public										
U. Wisconsin-Eau Claire	0	0	0	0	ne	0	0	0	72,955	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0 i	0 i	7,224	0	6,428	0
U. Wisconsin-Madison	NA	254,693	192,946	7,929	0	17,484	47,623	26,640	269,398	295,000
U. Wisconsin-Milwaukee	0	0	1,900	102,000	4,895	0	0	87,800	62,600	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0 i	0	0	0	0
U. Wisconsin-Stevens Point	NA	NA	0	0	0	8,139	0	0	0	0
U. Wisconsin-Superior	0	NA	0	0 i	ne	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
Medical C. Wisconsin	0	0	8,700	0	0	1,190	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	8,000	0	0	0
Wyoming										
Public										
U. Wyoming	6,980	0	58,150	0	2,604	72,336	0	103,000	0	0
American Samoa										
Public										
American Samoa Community C.	ne	ne	ne	ne	0	ne	0	0	0	0
Guam										
Public										
U. Guam	0	0	0	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Puerto Rico										
Public										
U. Puerto Rico, Cayey	ne	0	ne	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	ne	0	0	0	0
U. Puerto Rico, Mayaguez	1,800	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	NA	353	792	1,007	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	0	60,000	0	0	0	0	0	5,600	0	0
Private										
Polytechnic U. Puerto Rico	ne	ne	ne	ne	ne	ne	0	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	2,000	0	80,000	0	0
U. Ana G. Mendez, Cupey Campus	ne	ne	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de Gurabo	ne	ne	0	ne	1,631	0	0	0	0	0
U. Central del Caribe	NA	0	0	0	0	0	0	0	0	0
Virgin Islands										
Public										
U. of the Virgin Islands	0	0	0	0	0	0	0	750	0	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.

[a] Prior to FY 2010, the institution 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 a single institution.

[b] Prior to FY 2018, the institution 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 a single institution.

[c] 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.

[d] Prior to FY 2014, the institution was surveyed separately; data for those survey years describe characteristics of a single institution. Beginning in FY 2014, the institution was surveyed together with other affiliated institutions; data for FY 2014 and beyond describe characteristics of the group of institutions.

[e] Prior to FY 2012, the institution was surveyed together with other 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 a single institution.

[f] Prior to FY 2016, the institution was surveyed separately; data for those survey years describe characteristics of a 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.

[g] Prior to FY 2016, the institution 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 a single institution.

[h] Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

[i] Prior to FY 2014, the institution 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 a single institution.

Note(s):

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2020 or FY 2021.

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	5,307.2	5,981.9	4,394.7
Agricultural sciences	107.1	144.8	87.8	147.4	55.0	135.5	196.1	128.8	504.4	211.9
Biological and biomedical sciences	867.6	1,061.1	1,317.0	1,089.2	1,005.2	1,301.4	1,745.2	1,826.8	1,645.2	934.8
Computer and information sciences	59.2	34.2	48.3	60.2	42.5	149.3	110.6	74.9	151.2	55.3
Engineering	235.9	438.8	434.3	592.4	707.3	1,002.3	757.7	897.1	1,019.1	786.2
Geosciences, atmospheric sciences, and ocean sciences	88.0	78.3	146.5	109.8	150.4	210.8	237.4	175.1	247.0	240.8
Health sciences	1,408.5	702.4	774.8	983.5	1,023.9	1,250.0	1,376.7	876.7	690.6	548.2
Mathematics and statistics	13.3	10.7	39.6	54.1	52.5	28.4	14.7	94.3	166.1	75.5
Natural resources and conservation	na	na	na	na	43.0	31.7	73.0	66.2	108.4	99.6
Physical sciences	410.2	408.7	361.1	531.6	786.2	739.7	526.1	883.8	870.5	749.3
Psychology	77.8	47.5	100.6	65.6	113.1	67.6	139.1	160.8	321.4	270.1
Social sciences	42.3	45.0	95.7	89.1	134.8	60.7	199.5	96.7	187.0	271.3
Other	51.6	44.3	103.2	22.8	19.4	102.2	107.5	26.0	70.9	151.8
Research animal space[a]	178.6	285.1	na	na	na	na	na	na	na	na

na = not applicable; see notes below.

[a] Research animal space is listed separately and is also included in individual field totals.

Note(s):

Fields of science and engineering and their disciplines were revised in FY 2015. Specifically, "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." 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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	5,307.2	5,981.9	4,394.7
Doctorate granting	3,276.2	2,920.8	3,377.8	3,558.8	4,043.9	4,910.2	5,241.4	5,014.5	5,906.1	4,374.0
Public	1,857.5	1,587.1	1,931.7	1,837.7	2,178.6	2,924.2	3,077.5	3,039.9	5,168.8	3,404.3
Private	1,418.7	1,333.7	1,446.1	1,721.0	1,865.3	1,986.0	2,163.9	1,974.6	737.3	969.7
Nondoctorate granting	85.4	95.0	131.1	187.1	89.5	169.3	242.0	292.7	75.8	20.7
Medical schools[a]	1,083.3	920.3	1,025.7	1,236.9	1,196.8	1,488.8	1,347.2	1,238.2	863.3	632.5

[a] 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 2020 or FY 2021. 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 2018 or FY 2019

(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
Alabama													
Public													
Alabama A&M U.	382	382	0	0	0	0	0	0	0	0	0	0	0
Alabama State U.	4,800	0	300	0	0	0	1,500	0	0	0	0	3,000	0
Auburn U., Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	0	0	0	0	0	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	13,952	0	2,626	0	4,797	3,936	0	0	0	0	0	2,592	0
U. South Alabama	2,411	0	1,988	0	0	423	0	0	0	0	0	0	0
Private													
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	6,487	0	1,503	0	564	1,660	0	0	0	0	0	950	1,810
U. Alaska, Southeast	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona													
Public													
Arizona State U.	33,748	0	4,497	0	8,083	4,602	0	740	0	10,248	0	2,325	3,253
Northern Arizona U.	498	0	0	0	0	0	0	0	0	0	0	498	0
U. Arizona	24,320	316	2,108	0	0	0	21,897	0	0	0	0	0	0
Arkansas													
Public													
Arkansas State U., Jonesboro	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	3,511	0	0	0	0	0	3,511	0	0	0	0	0	0
U. Arkansas, Fayetteville	1,805	863	0	0	0	0	0	0	0	350	0	0	592
U. Arkansas, Little Rock	2,600	0	0	0	0	0	0	0	0	2,600	0	0	0
U. Arkansas, Pine Bluff	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Central Arkansas	530	0	0	0	0	0	0	0	0	530	0	0	0
California													
Public													

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 2018 or FY 2019

(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
California Polytechnic State U., San Luis Obispo	922	922	0	0	0	0	0	0	0	0	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	643	0	0	0	0	0	0	0	0	643	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	500	0	0	0	500	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., Fresno	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Long Beach	14,061	0	9,099	0	0	0	0	0	0	0	4,962	0	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Maritime Academy	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	1,345	0	0	0	0	0	0	0	0	1,345	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	250	0	0	0	0	0	250	0	0	0	0	0	0
California State U., Stanislaus	0	0	0	0	0	0	0	0	0	0	0	0	0
Humboldt State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	1,050	0	0	0	1,050	0	0	0	0	0	0	0	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Berkeley	44,000	0	5,500	0	1,000	300	3,000	0	23,900	8,000	0	300	2,000
U. California, Davis	68,454	0	39,476	0	921	0	4,229	0	0	23,828	0	0	0
U. California, Irvine	23,703	0	2,427	0	14,120	0	4,899	0	0	623	0	1,634	0
U. California, Los Angeles	14,998	0	1,631	0	1,621	545	9,480	0	0	685	0	0	1,037
U. California, Merced	8,974	0	2,870	808	1,617	2,870	0	0	0	808	0	0	0
U. California, Riverside	114,678	2,240	3,788	0	1,720	64,778	12,340	299	0	29,513	0	0	0
U. California, San Diego	158,364	0	27,415	0	1,652	52,397	61,561	1,010	0	13,510	0	0	820
U. California, San Francisco	162,600	0	54,200	0	0	0	108,400	0	0	0	0	0	0
U. California, Santa Barbara	16,700	0	4,337	504	1,433	2,363	0	0	0	4,173	616	3,274	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 2018 or FY 2019

(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
U. California, Santa Cruz	2,698	0	0	0	361	0	0	0	0	1,581	0	757	0
Private													
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	34,617	0	12,905	0	7,159	4,753	0	0	0	9,800	0	0	0
Chapman U.	7,280	0	0	0	0	0	0	0	0	0	1,380	5,900	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.	1,750	0	850	0	0	0	0	0	0	900	0	0	0
Harvey Mudd C.	314	0	0	0	0	0	0	0	0	314	0	0	0
Keck Graduate Institute	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	3,344	0	605	0	0	0	2,739	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.	14,415	0	13,000	0	0	0	0	387	0	778	0	250	0
Pomona C.	600	0	0	300	0	0	0	0	0	0	300	0	0
Scripps Research Institute	25,173	0	25,173	0	0	0	0	0	0	0	0	0	0
Stanford U.	7,862	0	574	0	0	401	1,728	0	0	5,159	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	5,000	0	0	0	5,000	0	0	0	0	0	0	0	0
U. Southern California	71,880	0	27,911	5,054	21,109	6,259	4,990	0	0	4,670	0	1,888	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	872	0	307	0	565	0	0	0	0	0	0	0	0
Colorado State U., Fort Collins	3,498	0	2,339	0	270	0	0	0	0	580	0	0	310
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	13,492	0	797	0	5,163	5,541	0	0	316	1,037	638	0	0
U. Colorado Colorado Springs	1,471	0	0	0	0	0	478	0	0	993	0	0	0
U. Colorado Denver and Anschutz Medical Campus	6,249	0	459	0	0	0	5,790	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 2018 or FY 2019

(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
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Colorado C.	280	0	0	0	0	0	0	0	0	280	0	0	0
U. Denver	394	0	0	0	0	0	0	0	0	394	0	0	0
Connecticut													
Public													
Central Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Connecticut	73,762	0	51,976	0	324	2,689	0	0	0	18,773	0	0	0
Private													
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity C., Hartford	400	0	0	400	0	0	0	0	0	0	0	0	0
U. New Haven	9,672	0	3,004	2,361	1,777	0	266	0	0	2,265	0	0	0
Wesleyan U.	2,201	0	999	0	0	0	0	0	0	920	282	0	0
Yale U.	114,062	0	50,069	0	8,146	881	39,703	0	3,259	9,009	2,694	301	0
Delaware													
Public													
Delaware State U.	426	0	426	0	0	0	0	0	0	0	0	0	0
U. Delaware	4,856	1,565	0	0	1,392	392	327	0	0	924	0	255	0
District of Columbia													
Public													
U. of the District of Columbia	2,000	0	0	0	0	0	0	0	0	0	0	0	2,000
Private													
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Catholic U. of America	800	0	0	0	800	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.	15,550	0	0	0	0	0	1,755	0	0	13,445	350	0	0
Georgetown U.	3,300	0	1,100	0	0	0	700	0	0	1,500	0	0	0
Howard U.	10,351	0	1,139	0	828	0	8,073	0	0	311	0	0	0
Florida													
Public													
Florida A&M U.	514	514	0	0	0	0	0	0	0	0	0	0	0
Florida Atlantic U.	582	0	582	0	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Florida International U.	2,273	0	1,201	0	0	281	0	0	0	792	0	0	0
Florida Polytechnic U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida State U.	39,538	0	24,500	0	6,225	643	0	0	0	8,169	0	0	0
U. Central Florida	647	0	0	0	277	0	0	0	370	0	0	0	0
U. Florida	4,796	1,795	0	0	1,717	0	502	0	0	782	0	0	0
U. North Florida	6,840 i	0	0	0	2,765 i	0	0	0	0	4,075 i	0	0	0
U. South Florida, Saint Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	14,177	0	0	0	7,029	1,888	5,260	0	0	0	0	0	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bethune-Cookman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Institute of Technology	3,327	0	0	0	3,327	0	0	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Miami	9,011	0	0	310	1,080	3,029	4,591	0	0	0	0	0	0
Georgia													
Public													
Albany State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Augusta U.	440	0	440	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	2,836	2,836	0	0	0	0	0	0	0	0	0	0	0
Georgia Institute of Technology	92,142	0	2,832	1,122	76,899	485	0	0	0	2,837	0	0	7,967
Georgia Southern U.	5,000	0	0	0	0	0	5,000	0	0	0	0	0	0
Georgia State U.	6,805	0	590	0	0	3,000	0	0	0	980	2,235	0	0
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Georgia	10,446	5,300	480	0	807	0	3,859	0	0	0	0	0	0
Private													
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Emory U.	5,844	0	2,476	0	0	0	1,674	250	250	1,194	0	0	0
Mercer U.	49,201	0	0	0	0	0	49,201	0	0	0	0	0	0
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii													

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 2018 or FY 2019

(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
Public													
U. Hawaii, Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	12,448	4,313	1,022	0	0	2,178	0	2,438	0	2,498	0	0	0
Private													
Hawaii Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho													
Public													
Boise State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho State U.	1,736	0	1,386	0	350	0	0	0	0	0	0	0	0
U. Idaho	8,897	693	5,387	265	934	0	0	265	0	1,354	0	0	0
Illinois													
Public													
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Illinois U.	3,137	0	0	0	0	0	0	0	0	0	3,137	0	0
Southern Illinois U., Carbondale	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	600	0	0	0	0	0	600	0	0	0	0	0	0
U. Illinois, Chicago	16,217	0	1,254	0	0	0	14,963	0	0	0	0	0	0
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	35,361	302	2,582	0	13,722	0	1,825	0	8,604	3,695	0	294	4,338
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bradley U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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	845	0	0	0	0	0	0	0	0	845	0	0	0
Midwestern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	59,124	0	2,347	13,200	9,003	0	13,727	0	0	11,303	0	387	9,157
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	50,524	0	0	477	24,027	4,111	19,500	0	0	2,410	0	0	0
Wheaton C., Wheaton	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Indiana													
Public													
Ball State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	21,279	0	3,031	0	2,542	0	3,306	0	0	1,890	350	10,160	0
Indiana U.-Purdue U., Indianapolis	21,866	0	397	0	2,303	0	19,166	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	37,570	1,187	1,164	300	8,493	2,041	12,991	0	0	11,396	0	0	0
Private													
U. Notre Dame	12,981	0	0	0	3,903	0	0	0	0	9,078	0	0	0
Iowa													
Public													
Iowa State U.	597	343	0	0	0	0	0	0	0	254	0	0	0
U. Iowa	28,296	0	1,962	0	771	0	22,975	0	0	2,147	441	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Grinnell C.	15,733	0	0	0	0	0	0	0	0	0	0	15,733	0
Palmer C. of Chiropractic, Davenport	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas													
Public													
Kansas State U.	7,955	0	0	0	0	0	7,955	0	0	0	0	0	0
Pittsburg State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kansas	4,318	0	1,886	0	1,117	0	0	865	0	0	450	0	0
Wichita State U.	1,486	0	0	0	1,486	0	0	0	0	0	0	0	0
Kentucky													
Public													
Eastern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	6,500	6,500	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	1,776	897	879	0	0	0	0	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 2018 or FY 2019

(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
U. Louisville	961	0	397	0	0	0	564	0	0	0	0	0	0
Western Kentucky U.	6,000	0	0	0	0	0	0	0	0	4,500	1,500	0	0
Louisiana													
Public													
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	3,942	0	0	0	0	0	3,072	0	483	387	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	703	0	259	0	0	0	444	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	818	0	818	0	0	0	0	0	0	0	0	0	0
Louisiana Tech U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	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	2,124	743	425	0	0	0	425	0	531	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
U. Louisiana, Lafayette	3,850	500	1,674	0	865	0	0	0	0	364	0	448	0
U. Louisiana, Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	300	0	0	0	0	0	0	0	0	300	0	0	0
Private													
Dillard U.	4,310	0	500	0	750	0	0	0	0	3,060	0	0	0
Tulane U.	6,185	0	0	0	0	285	2,691	0	0	254	0	0	2,955
Xavier U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0
Maine													
Public													
Maine Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Maine	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													
Bates C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Colby C.	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
U. New England	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland													
Public													
Bowie State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salisbury U.	386	0	386	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[a]	52,799	400	12,904	0	0	1,039	36,384	0	0	930	0	1,142	0
U. Maryland Center for Environmental Science	1,549	0	739	0	0	810	0	0	0	0	0	0	0
U. Maryland, Baltimore County	966	0	0	300	0	666	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	2,500	0	0	0	0	0	2,500	0	0	0	0	0	0
Private													
Johns Hopkins U.	10,438	0	10,438	0	0	0	0	0	0	0	0	0	0
Massachusetts													
Public													
U. Massachusetts, Amherst	41,338	4,460	13,502	2,429	4,756	431	1,148	323	0	2,831	11,141	316	0
U. Massachusetts, Boston	6,819	0	688	1,224	2,877	0	1,556	0	0	475	0	0	0
U. Massachusetts, Dartmouth	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Lowell	26,065	0	1,700	3,100	12,975	1,200	1,300	0	0	5,790	0	0	0
U. Massachusetts, Medical School	12,550	0	8,785	0	0	0	3,765	0	0	0	0	0	0
Private													
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	1,837	0	288	0	0	541	0	0	0	1,007	0	0	0
Boston U.	28,306	0	14,771	0	8,958	0	3,399	0	0	1,178	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clark U.	803	0	0	0	0	0	0	0	0	803	0	0	0
Emerson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	230,398	958	174,243	0	3,723	4,830	4,619	4,705	0	20,162	949	16,209	0
Massachusetts Institute of Technology	60,125	0	750	875	35,200	0	0	0	0	12,500	0	1,400	9,400
MGH Institute of Health Professions	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Mount Holyoke C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	44,652	0	5,892	6,306	20,279	639	1,141	0	0	4,077	474	0	5,844
Smith C.	4,306	0	431	0	0	0	0	0	0	0	3,875	0	0
Suffolk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	28,784	0	5,432	0	2,580	0	17,663	0	0	3,109	0	0	0
Wellesley C.	75,751	0	33,707	11,734	2,764	10,788	0	0	488	16,005	264	0	0
Woods Hole Oceanographic Institution	7,463	0	1,375	700	2,050	2,350	0	260	0	728	0	0	0
Worcester Polytechnic Institute	5,978	0	0	0	4,263	0	858	0	0	858	0	0	0
Michigan													
Public													
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
Grand Valley State U.	950	0	0	0	950	0	0	0	0	0	0	0	0
Michigan State U.	15,948	5,478	4,139	0	2,562	754	0	452	0	1,623	0	0	940
Michigan Technological U.	283	0	0	0	283	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	85,201	0	5,303	0	15,099	498	48,389	0	0	1,008	640	0	14,263
U. Michigan, Dearborn	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	19,062	0	2,420	0	625	0	11,517	0	0	0	1,000	3,500	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	400	0	0	0	0	0	400	0	0	0	0	0	0
Private													
Andrews U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin C.	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
Kettering U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Detroit Mercy	250	0	0	0	250	0	0	0	0	0	0	0	0
Van Andel Research Institute	2,331	0	2,331	0	0	0	0	0	0	0	0	0	0
Minnesota													
Public													
Minnesota State U., Mankato	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
St. Cloud State U.	600	0	600	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	25,425	11,855	1,360	0	0	1,210	9,637	0	353	0	0	1,009	0
Private													
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
Mississippi													
Public													
Alcorn State U.	3,655	3,655	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.	1,865	430	0	0	1,435	0	0	0	0	0	0	0	0
U. Mississippi	452	0	452	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													
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri													
Public													
Lincoln U., Jefferson City	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri State U.	799	0	0	0	0	0	0	0	0	272	527	0	0
Missouri U. of Science and Technology	8,971	0	0	824	0	0	0	0	0	6,872	0	0	1,275
U. Missouri, Columbia	16,300	0	0	0	0	0	16,300	0	0	0	0	0	0
U. Missouri, Kansas City	22,620	0	14,930	0	0	0	0	0	0	7,690	0	0	0
U. Missouri, Saint Louis	1,391	0	526	0	0	0	0	0	0	865	0	0	0
Private													
A. T. Still U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	41,518	0	39,383	0	0	1,654	481	0	0	0	0	0	0
Washington U., Saint Louis	48,553	0	26,224	0	3,951	0	12,512	0	0	5,505	0	361	0
Montana													
Public													
Montana State U., Bozeman	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana Technological U.	550	0	0	0	550	0	0	0	0	0	0	0	0
U. Montana, Missoula	1,090	0	290	0	0	0	500	0	300	0	0	0	0
Nebraska													

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 2018 or FY 2019

(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
Public													
U. Nebraska, Kearney	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Lincoln	10,051	5,298	894	0	2,532	0	0	0	0	971	0	356	0
U. Nebraska, Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Omaha	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Creighton U.	3,582	0	1,123	0	0	0	947	0	0	1,512	0	0	0
Nevada													
Public													
Desert Research Institute	520	0	0	0	0	520	0	0	0	0	0	0	0
U. Nevada, Las Vegas	9,259	0	1,571	597	2,119	509	852	0	0	2,015	522	1,072	0
U. Nevada, Reno	3,353	2,725	0	0	0	0	0	0	0	628	0	0	0
Private													
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	36,050	0	35,650	0	0	400	0	0	0	0	0	0	0
Private													
Dartmouth C.	288	0	0	0	0	288	0	0	0	0	0	0	0
New Jersey													
Public													
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	6,883	0	689	1,236	2,977	0	0	0	0	1,981	0	0	0
Rowan U.	8,929	0	0	0	2,646	310	5,973	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	1,100	0	0	0	0	0	0	0	0	1,100	0	0	0
Rutgers, State U. New Jersey, New Brunswick	33,612	0	13,860	0	0	1,950	15,577	0	275	0	1,950	0	0
Rutgers, State U. New Jersey, Newark	300	0	0	0	0	0	0	0	0	300	0	0	0
Stockton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William Paterson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													

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 2018 or FY 2019

(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
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	69,966	0	5,100	1,266	5,455	2,042	0	0	0	11,528	0	44,575	0
Stevens Institute of Technology	3,961	0	1,855	0	605	761	372	0	368	0	0	0	0
New Mexico													
Public													
New Mexico Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico State U.	1,042	287	387	0	368	0	0	0	0	0	0	0	0
U. New Mexico	6,275	0	4,290	1,500	0	0	0	0	0	0	0	0	485
New York													
Public													
CUNY, Advanced Science Research Center	4,000	0	0	0	0	0	0	0	0	0	0	0	4,000
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	42,000	0	38,000	0	0	1,000	3,000	0	0	0	0	0	0
CUNY, C. Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, City C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Medgar Evers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	1,395	500	0	0	0	0	0	0	0	500	395	0	0
CUNY, York C.	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Binghamton U.	7,816	0	0	2,339	4,678	0	798	0	0	0	0	0	0
SUNY, Buffalo State	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Brockport	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	1,078	0	1,078	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Optometry	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	20,000	0	2,500	0	0	0	17,500	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 2018 or FY 2019

(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
SUNY, Geneseo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Oswego	675	0	0	300	375	0	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	25,056	0	0	0	25,056	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	35,483	0	1,177	1,800	12,800	10,157	4,419	0	0	1,130	4,000	0	0
SUNY, U. Albany	6,860	0	1,456	0	3,848	0	0	0	0	396	0	1,160	0
SUNY, U. Buffalo	10,591	0	7,956	0	1,491	0	1,143	0	0	0	0	0	0
SUNY, Upstate Medical U.	1,091	0	1,091	0	0	0	0	0	0	0	0	0	0
Private													
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Albert Einstein C. of Medicine	12,214	0	2,572	0	0	0	8,952	0	0	0	0	0	690
Alfred U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	767	0	0	0	767	0	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	34,500	0	34,500	0	0	0	0	0	0	0	0	0	0
Colgate U.	1,900	0	0	0	0	0	0	0	0	1,900	0	0	0
Columbia U. in the City of New York	166,803	0	43,948	0	4,553	0	108,742	0	0	7,250	2,310	0	0
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	188,390	89,533	41,349	831	35,315	1,115	2,046	395	1,420	7,482	0	8,904	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.	3,031	0	600	750	0	0	650	0	0	1,031	0	0	0
Icahn School of Medicine at Mt. Sinai	31,000	0	31,000	0	0	0	0	0	0	0	0	0	0
Long Island U.	7,334	1,358	0	0	0	0	5,977	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 School	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	2,001	0	0	0	1,147	0	0	0	0	854	0	0	0
New York Medical C.	0	0	0	0	0	0	0	0	0	0	0	0	0
New York U.	151,783	0	116,637	0	33,102	0	0	0	0	1,679	366	0	0
Pace U.	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Rensselaer Polytechnic Institute	6,776	0	1,233	349	3,160	0	0	0	0	622	0	1,412	0
Rochester Institute of Technology	1,510	0	1,510	0	0	0	0	0	0	0	0	0	0
Rockefeller U.	16,114	0	14,063	0	0	0	2,051	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	340	0	0	0	0	0	340	0	0	0	0	0	0
Syracuse U.	3,399	0	0	0	1,651	410	0	0	0	1,338	0	0	0
U. Rochester	7,690	0	0	0	5,759	0	0	0	0	1,586	345	0	0
Union C., Schenectady	15,038	0	3,432	1,317	2,139	0	0	0	0	7,419	732	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													
Public													
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	4,910	0	378	0	0	0	4,533	0	0	0	0	0	0
Fayetteville State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	804	0	0	0	804	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.	14,899	4,030	2,106	0	2,153	0	2,500	0	0	4,109	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	16,645	0	2,129	0	0	434	14,082	0	0	0	0	0	0
U. North Carolina, Charlotte	560	0	267	0	0	0	0	0	0	293	0	0	0
U. North Carolina, Greensboro	771	0	771	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Wilmington	11,081	0	10,632	0	0	449	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	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	21,820	0	18,395	0	510	0	1,691	0	0	1,224	0	0	0
Elon U.	425	0	0	0	425	0	0	0	0	0	0	0	0
Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	13,543	0	1,571	0	300	0	1,772	0	0	9,900	0	0	0
North Dakota													
Public													

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 2018 or FY 2019

(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
North Dakota State U.	383	0	383	0	0	0	0	0	0	0	0	0	0
U. North Dakota	380	0	380	0	0	0	0	0	0	0	0	0	0
Ohio													
Public													
Bowling Green State U.	13,816	598	3,359	0	0	420	2,733	0	0	1,470	0	5,236	0
Central State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	815	0	815	0	0	0	0	0	0	0	0	0	0
Kent State U.	678	0	255	0	0	0	0	0	0	423	0	0	0
Miami U.	64,344	0	62,711	0	0	0	493	1,140	0	0	0	0	0
Northeast Ohio Medical U.	2,111	0	1,861	0	0	0	250	0	0	0	0	0	0
Ohio State U.	185,704	4,424	3,817	0	11,707	0	124,372	0	0	29,830	8,947	2,607	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	29,669	0	11,079	0	7,689	0	817	0	0	9,784	300	0	0
U. Toledo	3,846	0	2,445	0	916	0	0	0	0	485	0	0	0
Wright State U.	330	0	330	0	0	0	0	0	0	0	0	0	0
Youngstown State U.	7,000	0	2,000	1,500	1,500	0	1,000	0	500	500	0	0	0
Private													
C. Wooster	0	0	0	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	2,507	0	750	0	669	0	0	0	0	1,089	0	0	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenyon C.	2,115	0	2,115	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	8,319	0	0	0	8,319	0	0	0	0	0	0	0	0
Oklahoma													
Public													
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	27,500	3,000	0	15,000	0	0	9,500	0	0	0	0	0	0
U. Oklahoma, Tulsa	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
Private													
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon													
Public													
Oregon Health and Science U.	22,260	0	9,137	0	2,336	0	7,917	0	0	0	2,870	0	0
Oregon Institute of Technology	11,700	0	0	0	11,700	0	0	0	0	0	0	0	0
Oregon State U.	4,100	0	0	0	3,000	800	300	0	0	0	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oregon	6,773	0	3,964	0	0	0	0	0	0	0	536	2,273	0
Private													
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.	0	0	0	0	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													
Public													
Indiana U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	16,800	0	7,000	0	6,000	3,400	0	0	0	0	0	400	0
Temple 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
U. Pittsburgh, Pittsburgh	108,370	0	14,174	0	3,981	0	81,240	0	0	8,976	0	0	0
West Chester U. Pennsylvania	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bryn Mawr C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Bucknell U.	2,354	0	0	0	954	0	0	0	0	0	1,400	0	0
Carnegie Mellon U.	11,479	0	3,969	0	4,658	0	0	0	0	0	2,852	0	0
Drexel U.	17,278	0	0	1,417	15,486	0	0	0	0	375	0	0	0
Duquesne U.	991	0	305	0	0	0	0	0	0	686	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	345	0	0	345	0	0	0	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 2018 or FY 2019

(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
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	16,957	0	368	0	970	0	0	0	0	619	15,000	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	360	0	360	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	37,245	0	37,245	0	0	0	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	184,466	0	88,692	0	20,421	0	8,371	0	0	16,475	267	50,238	0
Villanova U.	2,797	0	1,229	0	0	0	0	0	0	290	0	1,279	0
Rhode Island													
Public													
U. Rhode Island	6,162	0	0	0	0	0	6,162	0	0	0	0	0	0
Private													
Brown U.	11,629	0	2,612	850	4,816	736	398	0	0	2,218	0	0	0
Providence C.	3,951	0	876	0	0	0	0	0	0	0	3,076	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina													
Public													
C. Charleston	0	0	0	0	0	0	0	0	0	0	0	0	0
Clemson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	2,251	0	0	0	0	0	2,251	0	0	0	0	0	0
Medical U. South Carolina	4,118	0	0	0	0	0	4,118	0	0	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	1,500	0	250	0	0	0	0	500	0	250	500	0	0
U. South Carolina, Columbia	721	0	0	0	0	0	360	0	0	361	0	0	0
Private													
Benedict C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claflin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota													
Public													
Dakota State U.	0	0	0	0	0	0	0	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 2018 or FY 2019

(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
South Dakota School of Mines and Technology	300	0	0	0	0	0	0	300	0	0	0	0	0
South Dakota State U.	6,189	6,189	0	0	0	0	0	0	0	0	0	0	0
U. South Dakota	937	0	307	0	0	280	0	0	0	350	0	0	0
Private													
Augustana U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee													
Public													
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U.	1,330	1,330	0	0	0	0	0	0	0	0	0	0	0
Tennessee Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Memphis	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	11,110	0	9,110	0	0	0	0	0	0	0	1,000	1,000	0
U. Tennessee, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville	4,373	0	0	0	1,841	0	0	0	0	1,641	0	891	0
U. Tennessee, Knoxville, Institute of Agriculture	6,500	0	0	0	0	0	6,500	0	0	0	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Meharry Medical C.	500	0	500	0	0	0	0	0	0	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center[b]	3,642	0	0	0	2,457	0	0	322	0	863	0	0	0
Texas													
Public													
Lamar U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	1,037	250	0	0	300	0	0	0	0	487	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	0	0	0	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

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 2018 or FY 2019

(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
Texas A&M U., College Station and Health Science Center	22,721	10,583	0	0	3,475	364	1,768	0	0	5,250	1,279	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	1,642	0	0	0	334	0	0	0	0	0	1,308	0	0
Texas A&M U.-Kingsville	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.	3,600	0	3,600	0	0	0	0	0	0	0	0	0	0
Texas Tech U.	5,371	0	0	883	2,951	0	0	0	0	1,155	381	0	0
Texas Tech U., Health Sciences Center	0	0	0	0	0	0	0	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	19,473	0	2,373	0	13,905	2,495	0	0	0	700	0	0	0
U. Houston-Clear Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Texas, Denton	10,068	0	6,925	0	3,143	0	0	0	0	0	0	0	0
U. North Texas, Health Science Center	6,800	0	4,150	0	0	0	2,650	0	0	0	0	0	0
U. Texas Health Science Center, Houston	87,527	0	0	0	0	0	87,527	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	8,200	0	0	0	0	0	8,200	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	2,853	0	2,853	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	17,057	0	17,057	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	11,389	0	11,389	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	357	0	0	0	0	357	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	24,587	0	14,752	0	0	0	9,835	0	0	0	0	0	0
U. Texas, Arlington	282	0	0	0	282	0	0	0	0	0	0	0	0
U. Texas, Austin	136,006	0	13,657	21,215	19,167	4,493	29,924	0	0	11,357	2,195	422	33,576
U. Texas, Dallas	6,478	0	0	0	0	0	1,856	0	0	4,622	0	0	0
U. Texas, El Paso	345	0	0	0	345	0	0	0	0	0	0	0	0
U. Texas, San Antonio	1,752	0	648	0	661	0	0	0	0	443	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 2018 or FY 2019

(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
U. Texas, Tyler	1,499	0	0	0	0	0	1,499	0	0	0	0	0	0
Private													
Baylor C. of Medicine	6,252	0	6,252	0	0	0	0	0	0	0	0	0	0
Baylor U.	3,931	0	845	0	1,827	0	0	0	451	336	472	0	0
Rice U.	21,350	0	13,816	0	6,016	514	0	0	0	592	0	0	412
Southern Methodist U.	3,086	0	0	0	2,437	0	0	0	0	0	0	649	0
St. Edward's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Christian U.	250	0	0	0	0	0	0	0	0	0	250	0	0
Trinity U.	1,489	471	0	0	0	487	0	0	0	531	0	0	0
Utah													
Public													
U. Utah	64,609	0	3,406	0	4,269	0	42,503	0	0	11,757	2,675	0	0
Utah State U.	26,000	0	0	0	0	0	0	0	26,000	0	0	0	0
Private													
Brigham Young U., Provo	1,681 i	0	0	0	0	0	266 i	0	0	0	0	1,415 i	0
Vermont													
Public													
U. Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Michael's C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia													
Public													
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0	0	0	0
George Mason U.	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	1,165	0	0	0	500	315	0	0	0	0	0	0	350
Norfolk State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Old Dominion U.	2,087	0	0	0	828	0	1,259	0	0	0	0	0	0
U. Virginia, Charlottesville	137,950	0	68,950	0	16,000	0	8,000	0	0	0	45,000	0	0
Virginia Commonwealth U.	6,377	0	864	1,503	0	0	3,301	0	0	329	0	379	0
Virginia Polytechnic Institute and State U.	5,791	433	1,253	881	976	0	349	0	1,900	0	0	0	0
Virginia State U.	688	0	688	0	0	0	0	0	0	0	0	0	0
William & Mary	1,369	0	0	0	0	1,369	0	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 2018 or FY 2019

(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
Private													
Eastern Virginia Medical School	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.	500	0	0	0	0	0	0	0	0	500	0	0	0
Liberty U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Richmond	2,700	0	900	0	0	0	0	0	0	1,800	0	0	0
Washington													
Public													
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
Northwest Indian C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Bothell	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Seattle	21,647	0	285	0	692	442	20,229	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.	2,433	782	517	0	0	0	1,135	0	0	0	0	0	0
Western Washington U.	1,829	0	1,175	0	0	0	0	0	0	654	0	0	0
Private													
Seattle U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia													
Public													
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	4,498	3,374	675	0	0	0	0	0	450	0	0	0	0
West Virginia U.	25,789	271	0	0	387	0	23,980	0	0	778	0	372	0
Wisconsin													
Public													
U. Wisconsin-Eau Claire	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Madison	4,314	0	2,700	0	0	0	1,614	0	0	0	0	0	0
U. Wisconsin-Milwaukee	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													

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 2018 or FY 2019

(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
Marquette U.	8,269	0	7,310	0	0	0	959	0	0	0	0	0	0
Medical C. Wisconsin	21,100	0	21,100	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
Wyoming													
Public													
U. Wyoming	7,405	1,200	0	1,105	900	410	980	0	2,810	0	0	0	0
American Samoa													
Public													
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam													
Public													
U. Guam	12,000	0	12,000	0	0	0	0	0	0	0	0	0	0
Puerto Rico													
Public													
U. Puerto Rico, Cayey	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	2,337	0	2,337	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	250	0	0	0	250	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, Rio Piedras	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Polytechnic U. Puerto Rico	353	0	353	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	3,482	0	1,330	0	0	0	2,152	0	0	0	0	0	0
U. Ana G. Mendez, Cupey Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de 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													
Public													
U. of the Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0

i = imputed.

[a] 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.

[b] 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 2019.

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 2020 or FY 2021

(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
Alabama													
Public													
Alabama A&M 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
Alabama State U.	400	0	400	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alabama, Birmingham	1,091	0	336	0	0	0	756	0	0	0	0	0	0
U. Alabama, Huntsville	650	0	0	400	250	0	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	35,161	0	16,250	705	1,956	0	0	0	0	16,250	0	0	0
U. South Alabama	2,000	0	1,000	0	0	0	1,000	0	0	0	0	0	0
Private													
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska													
Public													
U. Alaska, Anchorage	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Southeast	1,000	0	0	0	0	1,000	0	0	0	0	0	0	0
Private													
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona													
Public													
Arizona State U.	12,886	0	4,497	0	2,864	3,930	0	0	0	1,164	0	0	430
Northern Arizona U.	800	0	300	0	500	0	0	0	0	0	0	0	0
U. Arizona	0	0	0	0	0	0	0	0	0	0	0	0	0
Arkansas													
Public													
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	0	0	0	0	0	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													
Public													

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 2020 or FY 2021

(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
California Polytechnic State U., San Luis Obispo	1,500	500	0	0	0	0	0	0	1,000	0	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., Fresno	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Fullerton	27,000	0	13,000	0	0	14,000	0	0	0	0	0	0	0
California State U., Long Beach	26,000	0	0	0	0	0	0	26,000	0	0	0	0	0
California State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0
California State U., Maritime Academy	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	1,700	0	0	0	0	0	0	0	0	1,700	0	0	0
California State U., San Bernardino	1,004	0	1,004	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
Humboldt State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U.	7,518	0	400	0	1,900	0	718	0	0	4,500	0	0	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	1,400	0	0	0	0	0	1,400	0	0	0	0	0	0
U. California, Berkeley	88,500	0	18,000	1,500	10,500	0	0	0	40,000	6,000	0	12,000	500
U. California, Davis	22,256	0	0	0	0	0	0	0	0	22,256	0	0	0
U. California, Irvine	67,035	0	1,667	600	14,832	0	35,995	0	0	12,249	746	946	0
U. California, Los Angeles	94,070	0	41,340	0	750	600	630	0	0	0	50,750	0	0
U. California, Merced	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Riverside	36,746	27,016	0	0	0	0	9,730	0	0	0	0	0	0
U. California, San Diego	44,302	0	0	0	21,345	6,040	13,611	0	0	1,163	1,065	1,078	0
U. California, San Francisco	229,600	0	76,500	0	0	0	153,100	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 2020 or FY 2021

(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
U. California, Santa Barbara	0	0	0	0	0	0	0	0	0	0	0	0	0
U. California, Santa Cruz	6,288	0	0	1,288	2,500	0	0	0	0	2,500	0	0	0
Private													
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	13,722	0	0	0	8,441	0	0	0	0	5,281	0	0	0
Chapman U.	2,475	0	0	0	0	0	0	0	0	0	0	2,475	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.	500	0	500	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	1,500	0	750	0	0	0	750	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.	438	0	0	0	438	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.	590	0	320	0	0	0	0	0	0	270	0	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute	17,700	0	17,700	0	0	0	0	0	0	0	0	0	0
Stanford U.	35,255	0	0	0	0	0	34,328	0	0	0	0	927	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	6,525	0	1,139	0	4,486	900	0	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado													
Public													
Colorado School of Mines	280	0	0	0	0	0	0	0	0	280	0	0	0
Colorado State U., Fort Collins	974	292	415	0	0	0	267	0	0	0	0	0	0
Fort Lewis C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	7,505	0	0	0	5,560	0	0	0	558	665	722	0	0
U. Colorado Colorado Springs	965	0	0	0	0	0	965	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 2020 or FY 2021

(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
U. Colorado Denver and Anschutz Medical Campus	41,326	0	0	0	0	0	41,326	0	0	0	0	0	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													
Public													
Central Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Connecticut	8,520	0	4,246	0	0	0	4,274	0	0	0	0	0	0
Private													
Connecticut C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity C., Hartford	500	0	500	0	0	0	0	0	0	0	0	0	0
U. New Haven	3,700	0	700	0	0	0	2,000	0	0	1,000	0	0	0
Wesleyan U.	685	0	400	0	0	0	0	0	0	0	285	0	0
Yale U.	547,296	0	379,430	0	7,280	18,790	33,255	42,882	2,435	49,372	0	13,852	0
Delaware													
Public													
Delaware State U.	5,550	3,200	800	0	0	0	1,300	0	0	0	250	0	0
U. Delaware	12,416	8,449	0	0	0	474	0	0	352	3,141	0	0	0
District of Columbia													
Public													
U. of the District of Columbia	4,000	0	0	0	4,000	0	0	0	0	0	0	0	0
Private													
American U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Catholic U. of America	550	0	300	0	0	0	0	0	0	250	0	0	0
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0	0	0
George Washington 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
Georgetown U.	4,300	0	300	0	0	0	3,700	0	0	300	0	0	0
Howard U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida													
Public													

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 2020 or FY 2021

(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
Florida A&M U.	769	769	0	0	0	0	0	0	0	0	0	0	0
Florida Atlantic U.	344	344	0	0	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida International U.	4,200	0	3,000	0	0	0	0	0	0	1,200	0	0	0
Florida Polytechnic U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida State U.	13,335	0	2,815	0	3,455	3,225	500	1,225	0	2,115	0	0	0
U. Central Florida	28,839	0	24,425	0	3,392	0	0	0	0	1,022	0	0	0
U. Florida	8,581	0	0	0	321	0	4,261	0	0	4,000	0	0	0
U. North Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Saint Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	962	0	0	0	962	0	0	0	0	0	0	0	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bethune-Cookman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida Institute of Technology	1,610	0	0	0	1,000	610	0	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Miami	4,020	0	965	0	0	0	3,054	0	0	0	0	0	0
Georgia													
Public													
Albany State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Augusta U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	4,000	4,000	0	0	0	0	0	0	0	0	0	0	0
Georgia Institute of Technology	83,024	0	0	5,214	65,735	0	0	0	0	6,861	0	0	5,214
Georgia Southern U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia State U.	3,028	0	1,000	0	0	0	0	0	0	2,028	0	0	0
Kennesaw State U.	500	0	0	0	500	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Georgia	1,630	0	0	0	1,630	0	0	0	0	0	0	0	0
Private													
Clark Atlanta U.	3,200	0	0	0	0	0	0	0	0	3,200	0	0	0
Emory U.	47,890	0	22,916	0	0	0	24,153	0	0	471	350	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0	0	0

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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 2020 or FY 2021

(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
Morehouse C.	750	0	750	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	2,500	0	2,500	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii													
Public													
U. Hawaii, Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	37,100	5,200	5,550	0	0	15,450	600	0	0	10,300	0	0	0
Private													
Hawaii Pacific U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho													
Public													
Boise State U.	450	0	450	0	0	0	0	0	0	0	0	0	0
Idaho State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Idaho	4,411	2,417	1,071	0	525	399	0	0	0	0	0	0	0
Illinois													
Public													
Chicago State 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	1,750	0	1,750	0	0	0	0	0	0	0	0	0	0
U. Illinois, Chicago	2,305	0	0	0	0	0	2,305	0	0	0	0	0	0
U. Illinois, Springfield	250	0	0	0	0	0	0	0	250	0	0	0	0
U. Illinois, Urbana-Champaign	12,756	2,068	705	0	2,507	0	0	0	1,382	1,140	659	506	3,790
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Bradley U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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	4,916	0	4,916	0	0	0	0	0	0	0	0	0	0
Midwestern U.	1,210	0	1,210	0	0	0	0	0	0	0	0	0	0
Northwestern U.	33,733	0	5,239	0	11,084	0	8,256	0	0	5,862	0	300	2,994
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Rush U.	5,100	0	0	0	0	0	5,100	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	22,566	0	0	0	18,000	3,202	0	0	0	1,364	0	0	0
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana													
Public													
Ball State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	11,164	0	3,352	0	3,830	0	651	0	0	2,709	0	622	0
Indiana U.-Purdue U., Indianapolis	8,076	0	2,634	0	1,200	0	4,242	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	30,842	13,427	0	0	288	5,932	5,770	0	0	5,425	0	0	0
Private													
U. Notre Dame	2,493	0	1,842	0	385	0	0	0	0	266	0	0	0
Iowa													
Public													
Iowa State U.	2,604	0	1,288	0	1,316	0	0	0	0	0	0	0	0
U. Iowa	8,185	0	0	1,241	0	0	4,406	0	0	708	1,830	0	0
U. Northern Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
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													
Public													
Kansas State U.	1,760	400	1,360	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kansas	11,927 i	0	3,000	525	0	0	8,402 i	0	0	0	0 i	0	0
Wichita State U.	3,100	0	0	0	2,500	0	0	0	0	0	600	0	0
Kentucky													
Public													

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(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
Eastern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	1,979	1,979	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.	3,800	0	3,800	0	0	0	0	0	0	0	0	0	0
Northern Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	32,784	4,534	750	0	0	0	0	0	0	27,500	0	0	0
U. Louisville	1,674	0	0	0	0	0	1,674	0	0	0	0	0	0
Western Kentucky U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana													
Public													
Grambling State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	5,419	0	0	0	0	0	5,129	0	0	0	0	290	0
Louisiana State U., Health Sciences Center, New Orleans	2,990	0	0	0	0	0	2,990	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	550	0	550	0	0	0	0	0	0	0	0	0	0
Louisiana Tech U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	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	358	0	0	0	0	0	0	0	358	0	0	0	0
Southern U. and A&M C., Baton Rouge	6,000	500	1,500	1,000	1,000	0	500	0	0	1,500	0	0	0
U. Louisiana, Lafayette	973	0	0	650	0	0	0	0	0	323	0	0	0
U. Louisiana, Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Dillard U.	500	0	0	0	0	0	0	0	0	500	0	0	0
Tulane U.	560	0	0	0	560	0	0	0	0	0	0	0	0
Xavier U. Louisiana	500	0	0	0	0	0	0	0	0	500	0	0	0
Maine													
Public													
Maine Maritime Academy	0	0	0	0	0	0	0	0	0	0	0	0	0

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(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
U. Maine	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													
Bates C.	800	0	800	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	750	0	750	0	0	0	0	0	0	0	0	0	0
Colby C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland													
Public													
Bowie State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
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.	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[a]	65,633	364	13,000	848	0	0	41,200	0	0	7,522	0	2,700	0
U. Maryland Center for Environmental Science	3,158	0	0	0	0	3,158	0	0	0	0	0	0	0
U. Maryland, Baltimore County	5,200	0	1,500	0	400	0	800	1,000	0	0	1,500	0	0
U. Maryland, Eastern Shore	1,000	1,000	0	0	0	0	0	0	0	0	0	0	0
Private													
Johns Hopkins U.	77,950	0	32,500	11,500	24,000	0	0	0	0	5,000	0	450	4,500
Massachusetts													
Public													
U. Massachusetts, Amherst	25,700	1,500	0	2,200	0	0	14,000	8,000	0	0	0	0	0
U. Massachusetts, Boston	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Dartmouth	1,984	0	440	0	776	0	0	0	0	768	0	0	0
U. Massachusetts, Lowell	65,100	0	10,600	500	8,200	500	500	0	0	44,800	0	0	0
U. Massachusetts, Medical School	37,413	0	23,629	0	0	0	13,784	0	0	0	0	0	0
Private													
Amherst C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston U.	6,106	0	2,500	0	3,606	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Clark U.	2,025	0	0	0	0	0	0	0	0	2,025	0	0	0
Emerson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	228,091	0	89,430	0	16,764	0	0	2,580	0	93,122	6,445	19,750	0
Massachusetts Institute of Technology	47,700	0	7,100	1,700	7,800	22,500	0	0	0	6,000	0	700	1,900
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
Northeastern U.	38,630	0	5,500	2,000	15,630	0	3,000	500	0	10,000	2,000	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	11,600	0	2,200	0	1,300	0	0	0	0	8,100	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	3,250	0	900	0	1,100	1,000	0	0	0	250	0	0	0
Worcester Polytechnic Institute	8,638	0	0	0	7,046	0	796	0	0	796	0	0	0
Michigan													
Public													
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
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan State U.	20,922	1,206	8,128	0	0	0	8,094	0	0	2,647	0	0	848
Michigan Technological U.	1,200	0	0	0	1,200	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	24,625	0	5,330	0	4,267	0	11,210	0	0	2,334	0	503	981
U. Michigan, Dearborn	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	6,500	0	0	0	0	0	6,000	0	0	500	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													
Andrews U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Calvin C.	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Hope C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	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	4,553	0	4,553	0	0	0	0	0	0	0	0	0	0
Minnesota													
Public													
Minnesota State U., Mankato	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Duluth	464	0	0	0	0	0	0	0	464	0	0	0	0
U. Minnesota, Twin Cities	25,429	8,157	2,641	0	14,631	0	0	0	0	0	0	0	0
Private													
Carleton C.	17,795	0	9,764	2,350	0	618	0	0	681	626	3,756	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi													
Public													
Alcorn State U.	2,070	1,670	400	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.	4,700	0	0	700	0	0	0	0	4,000	0	0	0	0
U. Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Southern Mississippi	250	0	250	0	0	0	0	0	0	0	0	0	0
Private													
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri													
Public													
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	1,361	0	1,000	0	0	361	0	0	0	0	0	0	0
U. Missouri, Columbia	6,369	409	0	0	5,960	0	0	0	0	0	0	0	0
U. Missouri, Kansas City	1,200	0	0	600	600	0	0	0	0	0	0	0	0
U. Missouri, Saint Louis	2,000	0	0	0	0	0	0	0	0	0	2,000	0	0
Private													

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 2020 or FY 2021

(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
A. T. Still U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	76,511	0	35,858	0	17,800	800	6,338	315	0	15,100	0	300	0
Montana													
Public													
Montana State U., Bozeman	550	0	550	0	0	0	0	0	0	0	0	0	0
Montana Technological U.	600	0	0	0	600	0	0	0	0	0	0	0	0
U. Montana, Missoula	1,762	299	300	0	0	472	335	0	0	357	0	0	0
Nebraska													
Public													
U. Nebraska, Kearney	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Medical Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Omaha	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Creighton U.	2,614	0	1,300	0	0	0	419	0	0	895	0	0	0
Nevada													
Public													
Desert Research Institute	1,000	0	0	0	0	1,000	0	0	0	0	0	0	0
U. Nevada, Las Vegas	3,000	0	0	0	1,000	0	0	0	0	2,000	0	0	0
U. Nevada, Reno	25,166	0	0	0	478	0	0	0	0	23,000	1,688	0	0
Private													
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire													
Public													
U. New Hampshire	1,000	1,000	0	0	0	0	0	0	0	0	0	0	0
Private													
Dartmouth C.	2,776	0	0	0	576	0	2,200	0	0	0	0	0	0
New Jersey													
Public													
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	8,099	0	0	0	5,463	0	0	0	0	2,635	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 2020 or FY 2021

(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
Rowan U.	450	0	0	0	0	0	450	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick	50,000	0	0	0	0	0	50,000	0	0	0	0	0	0
Rutgers, State U. New Jersey, Newark	1,800	0	0	0	0	0	0	0	0	500	0	0	1,300
Stockton U.	0	0	0	0	0	0	0	0	0	0	0	0	0
William Paterson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	39,039	0	14,859	0	18,968	0	0	250	0	4,962	0	0	0
Stevens Institute of Technology	2,190	0	550	0	890	0	0	0	0	750	0	0	0
New Mexico													
Public													
New Mexico Institute of Mining and Technology	11,715	0	0	0	11,715	0	0	0	0	0	0	0	0
New Mexico State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. New Mexico	50,070	0	8,000	0	600	0	22,000	0	0	16,970	0	2,500	0
New York													
Public													
CUNY, Advanced Science Research Center	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	1,800	0	0	0	0	0	0	0	0	1,800	0	0	0
CUNY, C. Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, City C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Medgar Evers C.	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
CUNY, New York City C. of Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	11,890	0	2,360	0	0	0	0	0	0	0	6,410	3,120	0
CUNY, York C.	3,900	0	2,700	0	0	1,200	0	0	0	0	0	0	0
SUNY, Binghamton U.	7,765	0	4,987	0	0	0	0	0	0	0	562	0	2,216
SUNY, Buffalo State	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Brockport	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	2,017	802	413	0	0	0	0	0	802	0	0	0	0
SUNY, C. of Optometry	500	0	0	0	0	0	500	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	10,000	0	5,000	0	0	0	5,000	0	0	0	0	0	0
SUNY, Geneseo	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Oswego	1,050	0	500	0	300	0	0	250	0	0	0	0	0
SUNY, Polytechnic Institute	600	0	0	0	600	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	86,050	0	5,711	2,750	8,647	1,222	4,000	2,000	0	52,720	9,000	0	0
SUNY, U. Albany	91,778	0	26,782	0	32,263	0	0	0	0	32,733	0	0	0
SUNY, U. Buffalo	12,240	0	255	0	1,687	0	8,950	0	0	1,348	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Albert Einstein C. of Medicine	6,900	0	4,200	0	0	0	1,400	0	0	0	0	0	1,300
Alfred U.	3,500	0	0	0	3,500	0	0	0	0	0	0	0	0
Barnard C.	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	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0
Colgate U.	26,400	0	10,560	0	0	0	0	0	0	0	15,840	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia U., Teachers C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	94,839	17,714	24,863	5,472	18,923	3,307	9,313	1,266	1,561	10,344	308	1,768	0
Fordham U.	4,000	0	0	4,000	0	0	0	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 2020 or FY 2021

(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
Hobart and William Smith Colleges	0	0	0	0	0	0	0	0	0	0	0	0	0
Hofstra U.	550	0	0	250	0	0	300	0	0	0	0	0	0
Icahn School of Medicine at Mt. Sinai	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Long Island U.	6,125	875	0	250	0	0	5,000	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	500	0	500	0	0	0	0	0	0	0	0	0	0
New School	0	0	0	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	0	0	0	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.	137,914	0	10,220	0	5,630	0	0	0	0	112,863	9,200	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	650	0	0	650	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	3,530	0	250	0	3,280	0	0	0	0	0	0	0	0
Rockefeller U.	34,334	0	33,534	0	0	0	800	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.	1,718	0	0	0	363	375	0	0	0	980	0	0	0
U. Rochester	14,946	0	7,191	0	0	0	500	0	0	7,255	0	0	0
Union C., Schenectady	0	0	0	0	0	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.	2,850	0	0	350	0	0	2,500	0	0	0	0	0	0
North Carolina													
Public													
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	301	0	301	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 Agricultural and Technical 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.	17,267	4,974	4,396	0	1,621	1,366	1,600	0	915	2,395	0	0	0
U. North Carolina, Asheville	300	0	0	0	0	0	0	0	0	300	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 2020 or FY 2021

(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
U. North Carolina, Chapel Hill	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Charlotte	13,800	0	3,100	0	0	600	0	0	0	10,100	0	0	0
U. North Carolina, Greensboro	1,870	0	1,040	0	0	0	480	0	0	0	0	350	0
U. North Carolina, Wilmington	0	0	0	0	0	0	0	0	0	0	0	0	0
Western Carolina 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
Winston-Salem State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Davidson C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duke U.	56,438	0	45,347	0	0	0	4,009	0	0	2,800	0	4,282	0
Elon U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	19,434	0	12,000	0	2,400	0	5,034	0	0	0	0	0	0
North Dakota													
Public													
North Dakota State U.	1,500	0	0	0	0	0	1,500	0	0	0	0	0	0
U. North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio													
Public													
Bowling Green State U.	875	0	0	0	0	0	875	0	0	0	0	0	0
Central State U.	1,950	1,950	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.	8,760	0	8,000	0	0	0	0	0	0	0	760	0	0
Miami U.	10,000	0	0	0	0	0	10,000	0	0	0	0	0	0
Northeast Ohio Medical U.	9,079	0	9,079	0	0	0	0	0	0	0	0	0	0
Ohio State U.	11,342	0	0	0	0	700	9,125	0	0	1,516	0	0	0
Ohio U.	19,114	0	3,198	0	6,763	0	2,304	0	0	4,209	0	2,639	0
U. Akron	14,000	0	0	0	0	14,000	0	0	0	0	0	0	0
U. Cincinnati	5,421	0	4,114	0	0	0	1,306	0	0	0	0	0	0
U. Toledo	745	0	0	0	0	0	745	0	0	0	0	0	0
Wright State U.	1,850	0	350	0	0	0	0	0	0	1,500	0	0	0
Youngstown State U.	6,000	0	0	0	6,000	0	0	0	0	0	0	0	0
Private													
C. Wooster	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Case Western Reserve U.	1,116	0	1,116	0	0	0	0	0	0	0	0	0	0
Heidelberg U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenyon C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	250	0	250	0	0	0	0	0	0	0	0	0	0
U. Dayton	408	0	0	0	408	0	0	0	0	0	0	0	0
Oklahoma													
Public													
Langston U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	445	0	0	0	445	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													
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon													
Public													
Oregon Health and Science U.	650	0	650	0	0	0	0	0	0	0	0	0	0
Oregon Institute of Technology	185,000	0	185,000	0	0	0	0	0	0	0	0	0	0
Oregon State U.	81,000	0	70,000	0	0	10,000	0	0	0	1,000	0	0	0
Portland State U.	295	0	0	0	295	0	0	0	0	0	0	0	0
U. Oregon	41,578	0	14,830	0	0	0	0	0	0	26,748	0	0	0
Private													
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.	2,000	0	0	2,000	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													
Public													
Indiana U. Pennsylvania	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Pennsylvania State U., Behrend	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	0	0	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	21,900	0	1,900	0	0	14,000	4,000	0	0	2,000	0	0	0
Temple 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
U. Pittsburgh, Pittsburgh	161,242	0	145,842	0	900	0	9,350	0	0	5,150	0	0	0
West Chester U. Pennsylvania	1,000	0	0	0	0	0	1,000	0	0	0	0	0	0
Private													
Bryn Mawr C.	920	0	262	0	0	250	0	0	0	408	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	1,940	0	500	250	0	0	0	0	0	500	690	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	1,313	0	1,313	0	0	0	0	0	0	0	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	4,375	0	0	4,375	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	164,157	0	21,999	0	40,572	0	50,438	0	0	33,118	0	18,030	0
Villanova U.	1,989	0	1,142	0	0	0	0	0	0	848	0	0	0
Rhode Island													
Public													
U. Rhode Island	1,823	0	0	0	0	0	1,823	0	0	0	0	0	0
Private													
Brown U.	23,250	0	1,000	0	5,700	12,300	0	0	0	4,250	0	0	0
Providence C.	11,485	0	6,010	0	1,500	0	0	0	0	3,593	382	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 2020 or FY 2021

(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
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina													
Public													
C. Charleston	0	0	0	0	0	0	0	0	0	0	0	0	0
Clemson U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical U. South Carolina	3,470	0	0	0	0	0	3,470	0	0	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Columbia	400	0	0	400	0	0	0	0	0	0	0	0	0
Private													
Benedict C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Claflin U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota													
Public													
Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota State U.	1,103	1,103	0	0	0	0	0	0	0	0	0	0	0
U. South Dakota	620	0	0	0	620	0	0	0	0	0	0	0	0
Private													
Augustana U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee													
Public													
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	2,300	0	0	0	0	0	2,300	0	0	0	0	0	0
Middle Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee Technological U.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Memphis	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. Tennessee, Health Science Center	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Tennessee, Knoxville	13,730	506	4,156	0	3,631	0	0	0	0	4,281	0	1,156	0
U. Tennessee, Knoxville, Institute of Agriculture	5,500	0	0	0	0	0	5,500	0	0	0	0	0	0
Private													
Fisk U.	0	0	0	0	0	0	0	0	0	0	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[b]	3,805	0	764	0	2,491	0	0	0	0	281	0	269	0
Texas													
Public													
Lamar U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	0	0	0	0	0	0	0	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	0	0	0	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	33,723	976	0	0	26,000	0	5,000	0	0	1,747	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Kingsville	275	275	0	0	0	0	0	0	0	0	0	0	0
Texas Southern U.	2,700	0	0	0	0	0	2,700	0	0	0	0	0	0
Texas State U.	13,715	0	0	0	3,250	0	0	0	10,000	0	0	465	0
Texas Tech U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center	0	0	0	0	0	0	0	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	56,826	0	0	0	17,519	8,000	15,750	0	0	12,000	0	3,557	0
U. Houston-Clear Lake	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. North Texas, Denton	13,875	0	0	0	13,875	0	0	0	0	0	0	0	0
U. North Texas, Health Science Center	11,850	0	5,850	0	0	0	6,000	0	0	0	0	0	0
U. Texas Health Science Center, Houston	13,882	0	0	0	0	0	13,882	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	37,500	0	0	0	0	0	37,500	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	17,371	0	17,371	0	0	0	0	0	0	0	0	0	0
U. Texas Medical Branch	4,993	0	4,993	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	26,067	0	15,640	0	0	0	10,427	0	0	0	0	0	0
U. Texas, Arlington	650	0	0	0	0	0	0	0	0	650	0	0	0
U. Texas, Austin	218,000	0	0	0	218,000	0	0	0	0	0	0	0	0
U. Texas, Dallas	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, El Paso	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas, San Antonio	250	0	250	0	0	0	0	0	0	0	0	0	0
U. Texas, Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Baylor C. of Medicine	7,300	0	6,800	0	0	0	500	0	0	0	0	0	0
Baylor U.	7,335	0	2,160	0	1,810	0	750	0	750	1,865	0	0	0
Rice U.	1,928	0	369	0	1,559	0	0	0	0	0	0	0	0
Southern Methodist U.	1,386	0	0	0	1,000	386	0	0	0	0	0	0	0
St. Edward's U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Christian U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah													
Public													
U. Utah	46,759	0	6,750	802	10,448	0	7,457	0	0	21,302	0	0	0
Utah State U.	844	360	0	0	0	0	0	0	484	0	0	0	0
Private													

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 2020 or FY 2021

(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
Brigham Young U., Provo	0 i	0	0	0	0 i	0	0 i	0	0	0	0	0	0
Vermont													
Public													
U. Vermont	3,240	0	2,030	0	0	0	1,210	0	0	0	0	0	0
Private													
Middlebury C.	310	0	0	0	0	0	0	0	0	0	0	310	0
Saint Michael's C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia													
Public													
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0	0	0	0
George Mason U.	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	900	0	0	900	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.	91,903	0	45,000	1,903	45,000	0	0	0	0	0	0	0	0
U. Virginia, Charlottesville	48,599	0	0	0	0	0	0	0	0	48,599	0	0	0
Virginia Commonwealth U.	3,000	0	0	0	0	0	3,000	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	30,006	1,293	665	0	26,073	403	790	0	0	781	0	0	0
Virginia State U.	1,175	1,175	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													
Eastern Virginia Medical School	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
Liberty 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
U. Richmond	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington													
Public													
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
Northwest Indian C.	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Washington, Bothell	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
U. Washington, Seattle	44,234	0	300	0	560	0	374	0	0	0	43,000	0	0
U. Washington, Tacoma	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	5,388	0	2,500	0	2,512	0	376	0	0	0	0	0	0
Western Washington U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Seattle U.	945	0	0	0	945	0	0	0	0	0	0	0	0
West Virginia													
Public													
Marshall U.	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	1,965	1,465	250	0	0	0	0	0	250	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin													
Public													
U. Wisconsin-Eau Claire	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	604	0	604	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Madison	18,073	4,130	3,386	0	857	1,575	5,280	0	0	2,845	0	0	0
U. Wisconsin-Milwaukee	15,000	0	0	15,000	0	0	0	0	0	0	0	0	0
U. Wisconsin-Oshkosh	1,328	0	0	0	0	435	0	0	0	0	0	893	0
U. Wisconsin-Stevens Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Private													
Marquette U.	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical C. Wisconsin	19,800	0	19,800	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
Wyoming													
Public													
U. Wyoming	2,500	500	0	0	0	0	2,000	0	0	0	0	0	0
American Samoa													
Public													
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam													
Public													
U. Guam	0	0	0	0	0	0	0	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 2020 or FY 2021

(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
Puerto Rico													
Public													
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	18,000	0	0	0	0	0	0	8,000	0	10,000	0	0	0
U. Puerto Rico, Medical Sciences Campus	10,906	0	2,898	0	0	0	8,008	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													
Polytechnic U. Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	4,414	0	4,414	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Cupey Campus	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de 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													
Public													
U. of the Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0

i = imputed.

[a] 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.

[b] 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 2019.

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	0 i	0 i	0 i
Alabama State U.	0	0	0	0	0	0	4,800	400	3,000	0
Auburn U., Auburn	na	na	0	6,041	1,714	22,388	0	0	0	0
U. Alabama, Birmingham	2,945	5,087	8,118	441	294	2,264	0	1,091	13,883	0
U. Alabama, Huntsville	0	0	0	975	0	320	0	650	3,675	0
U. Alabama, Tuscaloosa	0	707	2,642	400	8,568	14,951	13,952	35,161	0	0
U. South Alabama	0	0	0	0	1,376	1,750	2,411	2,000	1,500	0
Private										
Tuskegee U.	11,529	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
U. Alaska, Fairbanks	NA	9,000	2,942	13,427	18,288	6,498	6,487	0	179,000	0
U. Alaska, Southeast	ne	NA	3,450	0	0	0	0	1,000	0	0
Private										
Alaska Pacific U.	ne	ne	ne	ne	ne	0	0	0	0	0
Arizona										
Public										
Arizona State U.	2,366	7,449	21,375	34,247	26,180	29,478	33,748	12,886	0	0
Dine C.	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Northern Arizona U.	750	500	5,000	1,889	3,641	4,474	498	800	0	0
U. Arizona	11,685	2,918	5,725	53,029	8,607	21,000	24,320	0	38,317	0
Arkansas										
Public										
Arkansas State U., Jonesboro	403	0	2,000	1,800	1,800	0	0	0	0	0
U. Arkansas for Medical Sciences	0	2,267	10,974	430	0	2,879	3,511	0	0	0
U. Arkansas, Fayetteville	6,165	0	0	463	2,571	2,920	1,805	0	20,700	0
U. Arkansas, Little Rock	3,000	0	0	0	0	0	2,600	0	0	0
U. Arkansas, Pine Bluff	0	0	0	1,200	0	0	0	0	1,200	0
U. Central Arkansas	0	0	0	0	0	260	530	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	1,500	0	3,000
California State Polytechnic U., Pomona	0	463	1,592	15,014	250	0	0	0	0	5,500
California State U., Bakersfield	0	1,025	675	0	0	0	643	0	0	0
California State U., Channel Islands	ne	ne	ne	ne	0	0	0	0	0	0
California State U., Chico	0	0	0	0	0	0	500	0	0	0
California State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0
California State U., Fresno	0	667	0	0	0	0	0	0	0	0
California State U., Fullerton	800	900	3,440	0	3,000	0	0	27,000	0	0
California State U., Long Beach	0	0	0	0	0	0	14,061	26,000	0	0
California State U., Los Angeles	0	0	0	1,734	0	0	0	0	0	0
California State U., Maritime Academy	ne	ne	ne	300	0	0	0	0	0	0
California State U., Monterey Bay	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	45,804
California State U., Sacramento	0	0	1,300	0	360	0	0	1,700	0	0
California State U., San Bernardino	1,254	787	0	0	0	0	0	1,004	0	0
California State U., San Marcos	ne	ne	NA	0	0	0	250	0	0	400
California State U., Stanislaus	ne	ne	ne	0	ne	0	0	0	0	0
Humboldt State U.	0	NA	0	0	0	0	0	0	10,006	0
San Diego State U.	1,877	1,400	1,516	1,400	0	6,060	1,050	7,518	0	0
San Francisco State U.	NA	3,210	0	0	0	0	0	0	0	0
San Jose State U.	0	0	1,500	14,035	500	1,476	0	1,400	0	0
U. California, Berkeley	20,055	19,534	72,051	20,100	34,860	35,450	44,000	88,500	130,000	199,000
U. California, Davis	110,181	57,272	41,200	22,443	2,395	67,069	68,454	22,256	310,054	0
U. California, Irvine	10,265	8,999	39,102	17,453	4,900	26,910	23,703	67,035	79,234	9,139
U. California, Los Angeles	5,790	9,524	48,619	179,184	202,438	116,150	14,998	94,070	0	0
U. California, Merced	1,225	7,447	0	0	0	524	8,974	0	0	0
U. California, Riverside	4,102	15,535	15,173	15,341	0	10,000	114,678	36,746	73,442	0
U. California, San Diego	18,353	16,121	8,305	40,894	44,218	21,739	158,364	44,302	0	103,123
U. California, San Francisco	68,852	7,631	47,452	88,318	37,000	135,000	162,600	229,600	200,000	0
U. California, Santa Barbara	11,850	11,770	12,478	3,817	12,282	11,499	16,700	0	444,625	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	6,288	0	0
Private										
Azusa Pacific U.	ne	ne	ne	0 i	0	0	0	0	0	0
Biola U.	ne	ne	ne	ne	ne	ne	0	500	0	0
California Institute of Technology	10,212	24,993	9,668	48,840	26,887	42,614	34,617	13,722	0	13,000
Chapman U.	ne	ne	0	3,060	0 i	8,296	7,280	2,475	0	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	0	400	0	0	0	0	0	0	0	0
Claremont McKenna C.	ne	ne	1,750	0	375	745	1,750	500	5,000	5,000
Harvey Mudd C.	0	0	0	300	500	0	314	0	15,000	0
Keck Graduate Institute	ne	ne	ne	0	0	0 i	0	1,500	0	22,255
Loma Linda U.	600	0	250	9,500	1,734	2,666	3,344	0	0	0
Loyola Marymount U.	250	0	1,500	0	0	825	0	438	0	0
Marshall B. Ketchum U.	ne	ne	ne	ne	0	0	0	0	0	0
Occidental C.	277	0	600	0	0	6,258	14,415	590	14,739	0
Pomona C.	0	14,336	0	510	250	0	600	0	0	0
Santa Clara U.	962	3,485	700	0	3,000	500	23,360 i	0 i	0 i	0 i
Scripps Research Institute	ne	ne	14,586	8,350	10,967	9,511	25,173	17,700	0	0
Stanford U.	52,542	51,436	19,156	58,278	77,952	43,823	7,862	35,255	0	0
Touro U.	ne	ne	ne	0	1,500	0	0	0	0	0
U. of the Pacific	0	0	0	2,877 i	0	0	0	0	0	0
U. San Diego	ne	ne	0	0	4,500	5,000	0	0	0	0
U. San Francisco	0	0	0	0	0	0	5,000	0	0	0
U. Southern California	9,784	10,151	6,242	118,709	70,470 i	28,596	71,880	6,525	985	0
Western U. of Health Sciences	315	0	0	800	0	0	0	0	0	0
Colorado										
Public										
Colorado School of Mines	956	1,900	2,946	2,265	1,703	1,713	872	280	0	0
Colorado State U., Fort Collins	500	4,896	1,050	6,471	8,718	252	3,498	974	0	0
Colorado State U., Pueblo	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Fort Lewis C.	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Colorado Boulder	0	0	8,767	19,692	59,666	31,527	13,492	7,505	175,427	0

TABLE 22

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(Costs in thousands of dollars)

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									Included in institutional plan	Not included in institutional plan
U. Colorado Colorado Springs	0	0	17,085	0	0	570	1,471	965	0	0
U. Colorado Denver and Anschutz Medical Campus	6,552	25,424	3,551	271	6,388	1,947	6,249	41,326	16,000	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0
Private										
Colorado C.	ne	ne	ne	ne	ne	0	280	0	0	0
U. Denver	0	450	0	1,171	3,270	1,521	394	0	0	0
Connecticut										
Public										
Central Connecticut State U.	ne	ne	ne	0	ne	300	0	0	0	0
Southern Connecticut State U.	NA	0	ne	0	0	0	0	0	0	0
U. Connecticut	314	52,515	4,752	98,344	22,397	43,190	73,762	8,520	68,500	0
Private										
Connecticut C.	NA	ne	NA	0	0	0	0	0	0	0
Fairfield U.	NA	NA	NA	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Trinity C., Hartford	ne	ne	2,000	1,225	0	430	400	500	0	0
U. New Haven	ne	ne	ne	ne	ne	9,835	9,672	3,700	0	0
Wesleyan U.	580	1,050	3,257	2,745	4,097	3,006	2,201	685	5,100	10,005
Yale U.	187,441	141,291	113,456	201,349	265,364	102,058	114,062	547,296	298,179	0
Delaware										
Public										
Delaware State U.	1,763	0	500	600	1,590	350	426	5,550	0	0
U. Delaware	32,183	7,968	0	6,817	14,103	10,939	4,856	12,416	32,545	2,819
District of Columbia										
Public										
U. of the District of Columbia	0	0	260	4,500	10,500	800	2,000	4,000	250	0
Private										
American U.	0	3,100	0	1,400 i	0	1,155	0	0	0	0
Catholic U. of America	0	NA	NA	0	2,430	1,001	800	550	0	0
Gallaudet U.	NA	NA	520	657	0	0	0	0	0	0
George Washington U.	67,600	345	40,535	52,235	25,909	36,518	15,550	0 i	0 i	0 i
Georgetown U.	16,505	1,940	17,408	10,407	12,315	0	3,300	4,300	13,400	0
Howard U.	550	1,385	9,529	14,450	2,000	6,000	10,351	0	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	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	769	3,468	0
Florida Atlantic U.	0	0	3,318	1,262	0	700	582	344	0	0
Florida Gulf Coast U.	251	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	4,200	0	0
Florida Polytechnic U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Florida State U.	0	0	0	1,619	3,459	5,468	39,538	13,335	0	0
U. Central Florida	0	0	0	320	7,171	12,100	647	28,839	0	0
U. Florida	4,100	390	8,236	7,031	67,659	12,640 i	4,796	8,581	0	20,471
U. North Florida	NA	0	0	0	0	0	6,840 i	0	0	0
U. South Florida, Saint Petersburg	ne	ne	ne	ne	0	0	0	0	0	0
U. South Florida, Tampa[a]	4,349	4,985	6,342	5,731	6,218	2,361	14,177	962	37,586	0
U. West Florida	0	0	0	0	0	0	0	0	0	0
Private										
Bethune-Cookman U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0
Florida Institute of Technology	0	0	0	2,099	2,170	0	3,327	1,610	1,580	0
Nova Southeastern U.	0	0	0	0	4,482	1,742	0	0	0	0
U. Miami	28,800	17,051	7,018	21,856	75,372	10,844	9,011	4,020	1,468	0
Georgia										
Public										
Albany State U.	0	0	ne	0	0	0	0	0	0	0
Augusta U.	na	na	na	569	2,538	6,724	440	0	8,395	0
Fort Valley State U.	0	0	0	361	361	0	2,836	4,000	0	5,000
Georgia Institute of Technology	6,400	22,500	15,600	18,700	22,288	7,164	92,142	83,024	0	13,680
Georgia Southern U.	0	6,841	0	0	0	0	5,000	0	0	0
Georgia State U.	5,466	6,181	8,230	4,372	2,500	1,281	6,805	3,028	2,500	0
Kennesaw State U.	ne	ne	0	0	0	1,000	0	500	0	0
Savannah State U.	1,146	0	250	0	0	0	0	0	0	0
U. Georgia	1,685	2,800	3,967	12,821	6,729	16,964	10,446	1,630	166,750	0
Private										

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 2006–21

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									Included in institutional plan	Not included in institutional plan
Clark Atlanta U.	0	0	250	250	2,036	0	0	3,200	0	0
Emory U.	7,055	2,942	0	4,167	1,001	5,197	5,844	47,890	250	0
Mercer U.	0	1,663	0	0	0	0	49,201	0	0	0
Morehouse C.	2,256	0	0	0	0	0	0	750	0	0
Morehouse School of Medicine	0	354	0	10,000	0	1,326	0	2,500	15,000	0
Spelman C.	0	0	0	0	0	0	0	0	0	0
Hawaii										
Public										
U. Hawaii, Hilo	0	0	4,000	0	0	0	0	0	515	0
U. Hawaii, Manoa	19,184	26,768	2,400	12,041	7,035 i	51,376	12,448	37,100	204,149	0
Private										
Hawaii Pacific U.	ne	ne	ne	0	0	0	0	0	0	0
Idaho										
Public										
Boise State U.	727	1,100	1,171	6,768	7,557	0	0	450	4,975	0
Idaho State U.	0	2,214	0	0	4,643	0	1,736	0	0	3,000
U. Idaho	1,732	9,320	1,216	6,218	6,398	5,487	8,897	4,411	6,228	0
Illinois										
Public										
Chicago State U.	0	0	0	ne	ne	ne	0	0	0	0
Illinois State U.	0	0	0	0	643	0	0 i	0 i	0 i	0 i
Northeastern Illinois U.	ne	0	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Northern Illinois U.	0	0	0	0	0	0	3,137	0	0	0
Southern Illinois U., Carbondale	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	0	0	4,680	0	0	0	600	1,750	0	0
U. Illinois, Chicago	13,768	3,776	632	449	575	2,734	16,217	2,305	166,736	0
U. Illinois, Springfield	350	0	0	0	0	415	0	250	7,000	0
U. Illinois, Urbana-Champaign	15,120	15,620	21,400	9,116	1,804	83,733	35,361	12,756	0	0
Western Illinois U.	0	0	0	0	0	0	0	0	0	0
Private										
Bradley U.	0	0	0	0	0	0	0	0	0	0
DePaul U.	0	0	0	0	6,600	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
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Illinois Institute of Technology	0	0	0	500	525	1,224	0	0	0	0
Loyola U., Chicago	803	2,331	5,737	3,967	0	0	845	4,916	0	0
Midwestern U.	0	4,390	0	0	0	0	0	1,210	0	0
Northwestern U.	50,907	54,673	75,163	66,459	47,995	86,532	59,124	33,733	110,308	0
Rosalind Franklin U. of Medicine and Science	250	0	495	0	0	0	0	0	0	0
Rush U.	750	1,000	4,928	1,899	3,833	16,785	0	5,100	0	0
Toyota Technological Institute, Chicago	ne	ne	ne	ne	0	0	0	0	0	0
U. Chicago	78,488	63,173	20,000	42,813	28,191	64,634	50,524	22,566	0	0
Wheaton C., Wheaton	ne	ne	ne	ne	ne	ne	0	0	0	0
Indiana										
Public										
Ball State U.	0	0	0	0	0	0	0	0	0	0
Indiana U., Bloomington	na	na	8,786	13,606	10,766	19,544	21,279	11,164	2,784	0
Indiana U.-Purdue U., Indianapolis	na	na	35,137	24,528	30,000	12,991	21,866	8,076	19,046	0
Purdue U., Fort Wayne[b]	na	na	300	0	0	0	0	0	0	0
Purdue U., Northwest	na	na	na	na	na	0	0	0	0	0
Purdue U., West Lafayette	na	na	25,640	25,564	36,522	8,379	37,570	30,842	0	185,239
Private										
U. Notre Dame	5,484	4,683	5,250	9,761	369	30,008	12,981	2,493	0	0
Iowa										
Public										
Iowa State U.	1,708	1,105	916	0	1,240	1,149	597	2,604	0	43,604
U. Iowa	7,861	23,834	8,396	9,006	70,729	47,578	28,296	8,185	1,594	478
U. Northern Iowa	2,370	0	335	814	0	0	0	0	0	0
Private										
Des Moines U.	ne	0	ne	ne	ne	300	0	0	0	0
Grinnell C.	ne	ne	0	0	0	0	15,733	0	0	0
Palmer C. of Chiropractic, Davenport	ne	0	0	0	0	0	0	0	0	0
Kansas										
Public										
Kansas State U.	0	0	0	0	8,555	1,503	7,955	1,760	0	0
Pittsburg State U.	0	0	2,546	4,475	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 2006–21

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U. Kansas	2,976	4,154	55,252	6,053	6,834	5,099	4,318	11,927 i	0 i	109,527 i
Wichita State U.	0	0	588	9,253	1,054	0	1,486	3,100	0	0
Kentucky										
Public										
Eastern Kentucky U.	ne	ne	0	0	0	0	0	0	0	0
Kentucky State U.	0	0	12,368	2,000	0	1,086	6,500	1,979	0	0
Morehead State U.	0	0	0	0	0	0	0	0	0	0
Murray State U.	321	887	1,012	532	500	3,800	0	3,800	0	0
Northern Kentucky U.	0	0	0	0	0	4,098	0	0	0	0
U. Kentucky	16,925	11,376	32,912	8,292	3,322	2,492	1,776	32,784	34,200	152,800
U. Louisville	2,674	8,700	1,025	13,673	3,591	3,696	961	1,674	11,940	0
Western Kentucky U.	0	2,773	5,701	1,324	0	0	6,000	0	0	0
Louisiana										
Public										
Grambling State U.	ne	ne	ne	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	0	23,417	265	5,312	76,878	11,341	3,942	5,419	0	0
Louisiana State U., Health Sciences Center, New Orleans	6,800	6,038	9,507	3,026	3,170	970	703	2,990	0	120,000
Louisiana State U., Health Sciences Center, Shreveport	ne	0	0	0	450	0	818	550	12,300	0
Louisiana Tech U.	0	3,000	0	462	0	0	0	0	0	0
Northwestern State U. Louisiana	ne	0	0	0	ne	0	0	0	0	0
Southeastern Louisiana U.	4,205	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	358	0	3,500
Southern U. and A&M C., Baton Rouge	0	0	0	1,244	1,350	1,244	0	6,000	0	6,000
U. Louisiana, Lafayette	0	0	754	0	2,696	2,835	3,850	973	0	0
U. Louisiana, Monroe	3,768	0	3,694	1,130	1,130	0	0	0	0	0
U. New Orleans	0	2,326	0	0	0	0	300	0	0	1,600
Private										
Dillard U.	ne	0	500	2,062	1,870	2,050	4,310	500	2,700	0
Tulane U.	3,350	12,399	4,635	13,746	6,828	3,367	6,185	560	0	0
Xavier U. Louisiana	0	0	2,281	1,253	0	0 i	0	500	0	0
Maine										
Public										

TABLE 22

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									Included in institutional plan	Not included in institutional plan
Maine Maritime Academy	ne	ne	ne	ne	0	1,100	0	0	0	0
U. Maine	0	0	3,690	0	0	0	0	0	0	0
U. Southern Maine	0	0	0	761	330	0	0	0	0	0
Private										
Bates C.	1,154	ne	0	0	0	0	0	800	0	0
Bowdoin C.	NA	NA	NA	0	705	0	0	750	0	0
Colby C.	0	0	0	0	700	2,080	0	0	0	0
U. New England	NA	0	0	750	0	0	0	0	0	0
Maryland										
Public										
Bowie State U.	0	ne	ne	300	0	0	0	0	0	0
Morgan State U.	0	0	0	0	0	0	0	0	0	0
Salisbury U.	ne	ne	ne	0	0	0	386	0	0	0
Towson U.	0	755	1,000	4,400	0	500	0	0	0	0
U. Baltimore	NA	0	0	0	0	0	0	0	0	0
U. Maryland[c]	na	na	na	na	na	na	52,799	65,633	10,124	252,789
U. Maryland Center for Environmental Science	0	0	250 i	0	1,598	2,536	1,549	3,158	0	46,405
U. Maryland, Baltimore County	0	713	2,881	550	510	2,158	966	5,200	67,000	0
U. Maryland, Eastern Shore	900	1,060	534	1,230	0	0	2,500	1,000	0	0
Private										
Johns Hopkins U.	22,755	27,716	36,059	77,050	69,161	22,604	10,438	77,950	33,000	0
Massachusetts										
Public										
U. Massachusetts, Amherst	18,897	34,291	53,961	53,347	24,974	9,112	41,338	25,700	5,000	5,000
U. Massachusetts, Boston	760	6,073	750	0	503	0	6,819	0	0	0
U. Massachusetts, Dartmouth	0	2,230	1,300	4,417	11,502	10,155	0	1,984	1,984	0
U. Massachusetts, Lowell	0	0	4,000	3,000	9,978	62,632	26,065	65,100	16,300	203,300
U. Massachusetts, Medical School	40,000	13,301	5,843	16,992	6,334	8,467	12,550	37,413	20,000	91,000
Private										
Amherst C.	0	0	0	0	0	0	0	0	0	0
Babson C.	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Boston C.	7,618	20,801	4,785	6,739	7,902	7,786	1,837	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
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Boston U.	15,741	34,051	19,302	24,132	8,293	29,921	28,306	6,106	0	0
Brandeis U.	0	5,100	515	0	0	511	0	0	0	0
Clark U.	0	0	0	0	0	0	803	2,025	0	25,250
Emerson C.	ne	ne	ne	ne	ne	ne	0	0	0	0
Harvard U.	109,420	108,061	189,566	141,499	163,585	134,075	230,398	228,091	58,477	165,000
Massachusetts Institute of Technology	NA	13,946	61,264	188,082	39,976	91,780	60,125	47,700	0	443,800
MGH Institute of Health Professions	ne	ne	ne	ne	0	0	0	0	0	0
Mount Holyoke C.	0	0	250	0	911	413	0	0	0	0
New England C. of Optometry	0	0	0	0	0	ne	0 i	0 i	0 i	0 i
Northeastern U.	5,200	15,265	18,798	38,390	27,826	30,676	44,652	38,630	31,998	0
Smith C.	2,760	285	18,000	0	0	805	4,306	0	0	0
Suffolk U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Tufts U.	12,347	40,717	35,251	7,567	56,043	48,806	28,784	11,600	0	0
Wellesley C.	0	1,003	378	440	0	3,534	75,751	0	0	0
Williams C.	0	0	0	0	0	0 i	0 i	0 i	0 i	0 i
Woods Hole Oceanographic Institution	6,719	2,333	3,210	5,487	3,020	6,597	7,463	3,250	21,000	0
Worcester Polytechnic Institute	0	0	0	600	2,400	619	5,978	8,638	0	0
Michigan										
Public										
Central Michigan U.	NA	NA	NA	1,067	1,312	0	0	0	0	0
Eastern Michigan U.	0	0	14,500	0	3,199	0	0	0	0	0
Grand Valley State U.	0	1,500	0	0	9,813	1,845	950	0	0	0
Michigan State U.	8,199	8,353	5,170	6,129	26,087	10,148	15,948	20,922	242,502	0
Michigan Technological U.	0	0	445	574	622	0	283	1,200	15,929	0
Oakland U.	0	0	0	0	0	0	0	0	3,000	250
Saginaw Valley State U.	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Michigan, Ann Arbor	na	na	30,186 i	12,842	15,899	48,402	85,201	24,625	43,592 i	0 i
U. Michigan, Dearborn	na	na	780	405	0	0	0	0	0	0
Wayne State U.	13,710	29,836	4,326	4,280	12,856	3,482	19,062	6,500	0	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	0	0	0	0	10,000	9,554	400	0	0	0
Private										
Andrews U.	ne	ne	ne	ne	ne	ne	0	0	0	0

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Calvin C.	0	0	1,018	0	0	0	0	0	0	0
Hope C.	0	0	0	3,750	0	0	0	0	0	0
Kettering U.	7,500	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	0	0	0	0	0	500	0	0	0	0
U. Detroit Mercy	ne	ne	0	ne	0	500	250	0	0	0
Van Andel Research Institute	ne	ne	ne	ne	ne	14,705	2,331	4,553	0	0
Minnesota										
Public										
Minnesota State U., Mankato	ne	0	0	0	0	0	0	0	0	0
St. Cloud State U.	0	5,000	0	0	0	0	600	0	0	0
U. Minnesota, Duluth	na	na	0	0	368	0	0	464	3,249	0
U. Minnesota, Twin Cities	na	na	13,969	22,960	19,590	38,401	25,425	25,429	19,549	0
Private										
Carleton C.	807	710	1,475	889	0	0	0	17,795	0	0
Macalester C.	0	0	0	0	260	0	0	0	0	0
U. of St. Thomas (MN)	ne	ne	NA	ne	ne	ne	0 i	0 i	0 i	0 i
Mississippi										
Public										
Alcorn State U.	13,000	0	0	0	0	1,055	3,655	2,070	11,500	0
Jackson State U.	NA	0	0	0	0	0	0	0	0	0
Mississippi State U.	2,419	8,936	2,260	2,300	1,110	0	1,865	4,700	0	0
U. Mississippi	3,000	9,790	1,855	762	616	1,600	452	0	0	0
U. Southern Mississippi	0	0	270	0	0	0	0	250	0	0
Private										
Tougaloo C.	ne	0	0	0	0	0	0	0	0	0
Missouri										
Public										
Lincoln U., Jefferson City	0	0	312	0	0	0	0	0	0	0
Missouri State U.	12,000	6,150	1,400	0	0	0	799	0	8,247	0
Missouri U. of Science and Technology	914	694	6,452	7,152	461	18,076	8,971	1,361	0	0
U. Missouri, Columbia	8,363	31,501	13,716	2,328	6,126	50,724	16,300	6,369	0	0
U. Missouri, Kansas City	1,072	10,257	1,200	0	2,137	3,210	22,620	1,200	37,657	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 2006–21

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									Included in institutional plan	Not included in institutional plan
U. Missouri, Saint Louis	5,250	0	0	0	0	0	1,391	2,000	0	17,137
Private										
A. T. Still U.	0	0	0	0	ne	0	0	0	0	0
Saint Louis U.	5,496	2,200	2,526	3,289	5,710	4,667	41,518	0	0	3,000
Washington U., Saint Louis	41,794	21,752	38,684	52,541	21,383	83,593	48,553	76,511	24,000	0
Montana										
Public										
Montana State U., Bozeman	2,583	2,100	18,489	0	0	0	0	550	0	0
Montana Technological U.	0	0	0	0	0	250	550	600	400	5,000
U. Montana, Missoula	965	447	263	3,283	2,250	2,750	1,090	1,762	205,778	0
Nebraska										
Public										
U. Nebraska, Kearney	ne	ne	NA	ne	0	0	0	0	0	0
U. Nebraska, Lincoln	15,740	97,066	12,547	28,044	12,325	40,678	10,051	0	0	128,609
U. Nebraska, Medical Center	1,340	0	0	16,870	8,993	1,615	0	0	0	0
U. Nebraska, Omaha	0	0	692	7,267	0	0	0	0	0	0
Private										
Creighton U.	6,263	3,975	1,107	597	0	6,470	3,582	2,614	0	0
Nevada										
Public										
Desert Research Institute	468	0	784	0	0	0	520	1,000	5,646	0
U. Nevada, Las Vegas	0	962	4,461	1,080	293	0	9,259	3,000	0	0
U. Nevada, Reno	3,351	3,390	1,326	282	760	5,464	3,353	25,166	0	2,000
Private										
Roseman U. of Health Sciences	ne	ne	ne	ne	3,277	0	0	0	0	0
New Hampshire										
Public										
U. New Hampshire	403	0	11,190	2,512	755	2,870	36,050	1,000	0	0
Private										
Dartmouth C.	NA	3,898	1,617	3,713	6,033	20,134	288	2,776	830	0
New Jersey										
Public										

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Montclair State U.	NA	4,450	0	0	2,580	0	0	0	0	0
New Jersey City U.	ne	ne	ne	ne	ne	ne	0	0	0	0
New Jersey Institute of Technology	0	1,800	0	0	7,676	4,259	6,883	8,099	0	1,416
Rowan U.	250	2,035	0	4,460	0	8,000	8,929	450	0	0
Rutgers, State U. New Jersey, Camden	na	na	500	0	0	4,144	1,100	0	0	0
Rutgers, State U. New Jersey, New Brunswick[d]	na	na	16,613	10,030	57,473	70,060	33,612	50,000	384,220	0
Rutgers, State U. New Jersey, Newark	na	na	3,522	581	1,202	250	300	1,800	250	12,100
Stockton U.	ne	ne	ne	ne	0	ne	0	0	0	16,000
William Paterson U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Private										
Monmouth U.	0	0	0	ne	ne	ne	0	0	0	0
Princeton U.	16,306	20,561	67,520	43,548	83,236	44,656	69,966	39,039	0	0
Stevens Institute of Technology	1,000	750	500	0	542	5,573	3,961	2,190	0	2,780
New Mexico										
Public										
New Mexico Institute of Mining and Technology	0	2,500	0	0	0	0	0	11,715	35,500	0
New Mexico State U.	1,830	4,106	294	1,148	0	18,503	1,042	0	0	0
U. New Mexico	8,473	5,510	5,208 i	0	22,576	26,372	6,275	50,070	0	15,648
New York										
Public										
CUNY, Advanced Science Research Center	ne	ne	ne	ne	ne	2,000	4,000	0	0	0
CUNY, Baruch C.	0	0	0	0	ne	0	0	0	0	0
CUNY, Brooklyn C.	0	2,601	5,830	0	0	0 i	42,000	1,800	0	0
CUNY, C. Staten Island	0	17,000	17,000	2,400	1,000	0	0	0	0	0
CUNY, City C.	24,585	1,750	7,700	0	0	44,000	0	0	0	0
CUNY, Graduate Center	0	0	0	0	0	0	0 i	0 i	0 i	0 i
CUNY, Graduate School of Public Health and Health Policy	ne	ne	ne	ne	ne	ne	0	0	0	0
CUNY, Hunter C.	600	2,200	500	500	0	550	0 i	0 i	0 i	0 i
CUNY, John Jay C. of Criminal Justice	ne	NA	0	0	1,050	0	0	0	0	0
CUNY, Lehman C.	519	0	0	0	250	0	0	0	0	0
CUNY, Medgar Evers C.	ne	ne	ne	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	ne	ne	ne	ne	ne	ne	0	0	0	0

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CUNY, Queens C.	0	1,100	0	1,500	30,400	336	1,395	11,890	0	0
CUNY, York C.	0	0	ne	0	ne	ne	0	3,900	500	1,700
SUNY, Binghamton U.	4,581	18,880	7,034	3,999	810	7,491	7,816	7,765	11,033	61,958
SUNY, Buffalo State	0	0	0	0	0	0	0	0	0	0
SUNY, C. Brockport	ne	ne	ne	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	13,008	320	2,916	1,078	2,017	0	0
SUNY, C. of Optometry	0	0	2,815	2,573	0	0	1,000	500	0	0
SUNY, C. Plattsburgh	0	ne	5,678	ne	0	0	0	0	0	0
SUNY, Downstate Medical Center	275	21,185	28,250	0	5,350	2,000	20,000	10,000	0	0
SUNY, Geneseo	14,453	15,062	0	25,000	ne	0	0	0	0	0
SUNY, Oswego	0	0	ne	12,799	ne	0	675	1,050	840 i	0
SUNY, Polytechnic Institute	ne	ne	ne	ne	3,076	36,077	25,056	600	0	0
SUNY, Stony Brook U.	17,845	12,157	27,461	23,825	23,985	27,315	35,483	86,050	0	248,560
SUNY, U. Albany[e]	15,552	46,500	126,960	7,100	2,832	4,438	6,860	91,778	0	281,887
SUNY, U. Buffalo	2,351	3,154	25,280	9,518	5,231	13,917	10,591	12,240	117,000	0
SUNY, Upstate Medical U.	29,902	19,622	6,520	2,556	6,575	0	1,091	0	0	0
Private										
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	271	0	0	0	0
Albany Medical C.	650	2,066	0	0	0	3,935	0 i	0 i	0 i	0 i
Albert Einstein C. of Medicine	ne	ne	ne	ne	ne	2,597	12,214	6,900	0	17,000
Alfred U.	0	1,723	4,272	0	1,705	0	0	3,500	0	0
Barnard C.	314	0	2,363	0	0	0	0	0	0	0
Canisius C.	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i	0 i
Clarkson U.[f]	0	0	0	750	0	0	767	0	0	9,896
Cold Spring Harbor Laboratory	ne	ne	ne	0	5,477	6,377	34,500	3,000	8,000	0
Colgate U.	0	673	0	2,465	4,400	5,600	1,900	26,400	0	0
Columbia U. in the City of New York	31,504	16,023	5,834	34,498	0	58,570	166,803	0	0	0
Columbia U., Teachers C.	0	0	2,029	0	550	0	0	0	0	0
Cornell U.	78,500	118,226	48,098	43,753	91,213 i	93,290	188,390	94,839	3,500	0
Fordham U.	1,100	0	4,100	6,000	1,200	550	1,000	4,000	0	9,000
Hobart and William Smith Colleges	ne	0	0	0	0	ne	0	0	0	0
Hofstra U.	ne	ne	1,404	3,700	6,950	297	3,031	550	0	0

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Icahn School of Medicine at Mt. Sinai	47,000	27,000	48,000	11,600	12,700	30,900	31,000	25,000	0	0
Long Island U.	NA	NA	NA	0	ne	ne	7,334	6,125	0	5,000
Manhattan C.	ne	ne	ne	ne	ne	ne	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	500	0	0
New School	0	250	0	0	0	0	0	0	0	0
New York Institute of Technology	1,200	0	0	372	3,881	0	2,001	0	0	0
New York Medical C.	0	348	1,117	857	500	0	0	0	0	0
New York U.[d]	120,559	22,945	19,020	33,765 i	188,503	159,226	151,783	137,914	0	0
Pace U.	ne	7,375	0	1,200	0 i	1,538	0	0	0	0
Rensselaer Polytechnic Institute	7,902	6,400	0	0	2,572	3,030	6,776	650	0	750
Rochester Institute of Technology	0	416	0	0	709	2,316	1,510	3,530	0	0
Rockefeller U.	9,209	146,257	111,000	0	21,850	11,700	16,114	34,334	0	0
Skidmore C.	ne	ne	0	0	0	0	0	0	3,840	0
St. John's U., New York	6,050	0	1,400	903	0	2,140	340	668	0	0
Syracuse U.	2,241	0	18,300	7,750	5,856	3,621	3,399	1,718	20,159	0
U. Rochester	20,954	25,231	15,436	1,195	11,058	42,780	7,690	14,946	4,000	178,473
Union C., Schenectady	1,200	0	4,500	1,100	0	15,038	15,038	0	0	0
Vassar C.	ne	250	3,600	ne	ne	0	0	0	0	0
Yeshiva U.[g]	0	11,063	9,466	12,632	20,076 i	0	0	2,850	0	5,700
North Carolina										
Public										
Appalachian State U.	0	0	0	3,000	0	0	0	0	0	0
East Carolina U.	0	0	422	10,474	0	5,503	4,910	301	122,582	0
Fayetteville State U.	ne	400	930	0	681	0	0	0	4,500	0
North Carolina Agricultural and Technical State U.	13,665	16,736	10,844	0	0	533	804	0	84,252	0
North Carolina Central U.	0	950	600	0	280	256	0	0	0	0
North Carolina State U.	25,682	4,675	4,826	11,259	19,137	10,812	14,899	17,267	9,230	0
U. North Carolina, Asheville	0	0	0	0	0	0	0	300	0	0
U. North Carolina, Chapel Hill	50,786	10,210	5,154	3,935	72,102	69,270	16,645	0	0	84,700
U. North Carolina, Charlotte	595	6,050	664	8,109	16,500	13,233	560	13,800	0	0
U. North Carolina, Greensboro	11,625	288	0	550	941	610	771	1,870	24,610	0

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									Included in institutional plan	Not included in institutional plan
U. North Carolina, Wilmington	0	5,000	332	0	0	1,705	11,081	0	0	0
Western Carolina U.	12,425	NA	NA	0	0	0	0	0 i	0 i	0 i
Winston-Salem State U.	0	0	ne	0	ne	0	0	0	0	0
Private										
Davidson C.	ne	0	0	0	0	0	0	0	0	0
Duke U.	18,028	71,030	23,293	18,055	23,900	17,437	21,820	56,438	0	0
Elon U.	ne	ne	ne	0	ne	314	425	0	0	0
Johnson C. Smith U.	ne	ne	ne	ne	ne	ne	0	0	0	0
Wake Forest U.	0	4,841	7,913	1,485	0	28,371	13,543	19,434	0	50,000
North Dakota										
Public										
North Dakota State U.	0	326	8,645	0	1,796	963	383	1,500	2,100	0
U. North Dakota	0	0	0	0	1,450	2,120	380	0	0	0
Ohio										
Public										
Bowling Green State U.	0	2,215	1,864	1,998	4,803	3,104	13,816	875	0	31,999
Central State U.	0	250	0	0	0	0	0	1,950	800	0
Cleveland State U.	0	6,220	1,750	0	658	0	815	0	0	0
Kent State U.	NA	0	330	13,000	54,571	2,000	678	8,760	0	0
Miami U.	5,175	10,727	250	18,800	25,270	50,228	64,344	10,000	12,000	0
Northeast Ohio Medical U.	0	0	0	0	0	704	2,111	9,079	3,650	0
Ohio State U.	5,349	2,884	15,555	75,433	13,667	30,234	185,704	11,342	0	0
Ohio U.	0	2,829	13,783	8,888	7,130	359	0	19,114	0	15,905
U. Akron	NA	NA	7,217	0	2,400	3,534	0	14,000	0	0
U. Cincinnati	1,884	0	26,408	27,609	26,132	5,111	29,669	5,421	617	73,544
U. Toledo	10,598	7,025	1,563	6,838	2,105	3,986	3,846	745	1,325	23,445
Wright State U.	3,914	6,625	900	6,114	1,000	3,165	330	1,850	0	0
Youngstown State U.	0	0	0	0	0	0	7,000	6,000	0	0
Private										
C. Wooster	ne	ne	ne	ne	0 i	0 i	0	0	0	0
Case Western Reserve U.	23,430	3,520	2,412	5,897	2,497	2,497	2,507	1,116	0	0
Heidelberg U.	ne	ne	ne	0	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
Kenyon C.	ne	ne	ne	ne	ne	ne	2,115	0	0	0
Oberlin C.	ne	ne	2,345	765	0	0	0	250	0	0
U. Dayton	1,000	2,351	3,255	13,768	4,160	9,918 i	8,319	408	300	0
Oklahoma										
Public										
Langston U.	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	0	0	0
Oklahoma State U., Stillwater	na	na	0	0	0 i	2,544	0	0	0	0
U. Central Oklahoma	ne	ne	833	ne	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	3,325	517	3,692	16,748	26,578	142,552	27,500	445	0	0
U. Oklahoma, Tulsa	ne	ne	ne	ne	ne	0	0	0	0	0
Private										
U. Tulsa	250	0	0	0	3,000	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	650	14,046	0
Oregon Institute of Technology	0	0	ne	ne	0	50,200	11,700	185,000	0	0
Oregon State U.	8,000	20,952	17,042	5,600	2,750	11,250	4,100	81,000	65,000	306,000
Portland State U.	925	6,534	0	0	0	410	0	295	0	0
U. Oregon	2,133	1,539	3,943	22,919	3,342	10,468	6,773	41,578	0	0
Private										
Lewis and Clark C.	ne	0	260	0	0	0	0	0	0	0
National U. of Natural Medicine	ne	ne	ne	ne	ne	0	0	0	0	0
Pacific U.	ne	ne	0	ne	0 i	0 i	0	0	0	0
Reed C.	0	0	0	0	0	750	0	2,000	0	0
Willamette U.	ne	ne	0	0	282	0	0	0	0	0
Pennsylvania										
Public										
Indiana U. Pennsylvania	ne	ne	ne	ne	ne	ne	0	0	0	0
Pennsylvania State U., Behrend	na	na	4,364	571	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	na	na	2,600	1,050	2,500	250	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	21,900	0	17,900

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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
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Temple U.	19,900	3,700	11,745 i	0	27,589	14,349	0 i	0 i	0 i	0 i
U. Pittsburgh, Pittsburgh	NA	56,880	111,565	11,763	54,685	38,875	108,370	161,242	0	0
West Chester U. Pennsylvania	ne	0	0	0 i	0	2,000	0	1,000	0	0
Private										
Bryn Mawr C.	0	3,106	0	1,310	1,240	0	0	920	0	0
Bucknell U.	NA	0	0	0	0	2,750	2,354	0	0	0
Carnegie Mellon U.	20,197	14,677	5,192	7,115	19,983	20,898	11,479	1,940	0	0
Drexel U.	NA	1,600	346	6,012	13,093	16,572	17,278	0	0	0
Duquesne U.	0	0	800	9,288	6,082	2,149	991	1,313	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	ne	ne	ne	ne	ne	ne	0	0	0	0
Haverford C.	ne	0	0	0	0	12,825	345	0	0	0
Lafayette C.	0	0	303	289	ne	ne	0	0	0	0
Lehigh U.	0	4,000	0	0	1,800	1,000	16,957	0	0	0
Philadelphia C. of Osteopathic Medicine	1,850	0	1,132	0	0	0	0	0	0	0
Saint Joseph's U.	850	1,060	700	500	ne	ne	360	0	0	0
Salus U.	0	0	0	425	434	400	0	0	0	0
Swarthmore C.	0	0	0	500	900	0	0	4,375	0	0
Thomas Jefferson U.	NA	4,280	17,090	32,900	1,180	5,632	37,245	0	65,000	0
U. of the Sciences Philadelphia	NA	0	516	0	950	8,250	0	0	0	0
U. Pennsylvania	81,667	48,278	72,313	44,278	158,151	258,618	184,466	164,157	0	0
Villanova U.	NA	0	0 i	0	583	720	2,797	1,989	0	780
Rhode Island										
Public										
U. Rhode Island	0	1,694	2,236	2,845	0	1,766	6,162	1,823	20,764	54,203
Private										
Brown U.	19,362	14,193	84,711	48,445	7,336	18,606	11,629	23,250	9,000	8,000
Providence C.	ne	ne	ne	ne	0 i	13,389	3,951	11,485	0	0
Roger Williams U.	NA	ne	0	250	0	0	0	0	0	0
South Carolina										
Public										
C. Charleston	NA	NA	0	0	1,406	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 2006–21

(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	Planned to start in FY 2020 or FY 2021	Deferred projects	
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Clemson U.	0	0	0	995	0	6,853	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	685	2,251	0	0	0
Medical U. South Carolina	12,568	2,043	3,419	36,525	0	1,000	4,118	3,470	4,500	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	na	na	ne	0	ne	0	1,500	0	250	0
U. South Carolina, Columbia	na	na	3,809	16,758	1,350	0	721	400	0	0
Private										
Benedict C.	0	0	0	2,100	0	0	0	0	0	0
Claflin U.	ne	3,500	1,200	0	0	0	0	0	0	6,000
Furman U.	NA	NA	0	0	0	0	0	0	6,000	0
South Dakota										
Public										
Dakota State U.	ne	ne	ne	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	1,260	300	0	0	0
South Dakota State U.	710	14,139	4,045	1,450	1,100	1,789	6,189	1,103	19,514	0
U. South Dakota	0	15,780	9,049	2,000	550	2,150	937	620	0	0
Private										
Augustana U.	ne	ne	ne	0	6,368	ne	0	0	0	0
Tennessee										
Public										
Austin Peay State U.	ne	ne	ne	0	ne	ne	0	0	0	0
East Tennessee State U.	0	350	3,499	0	0	1,500	0	2,300	0	0
Middle Tennessee State U.	0	0	0	695	1,902	0	0	0	0	0
Tennessee State U.	0	0	2,500	1,041	0	1,187	1,330	0	1,290	3,125
Tennessee Technological U.	0	0	1,500	0	0	0	0	0	0	0
U. Memphis	4,218	4,600	439	2,270	4,435	0	0	0	28,395	0
U. Tennessee, Chattanooga	0	1,085	2,430	0	489	0	11,110	0	0	0
U. Tennessee, Health Science Center	na	na	na	0	0	75,000	0	0	3,100	0
U. Tennessee, Knoxville[e]	16,379	0	14,467	4,467	17,205	8,960	4,373	13,730	0	0
U. Tennessee, Knoxville, Institute of Agriculture	na	na	na	0	0	2,736	6,500	5,500	85,000	0
Private										
Fisk U.	0	0	0	0	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 2006–21

(Costs in thousands of dollars)

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									Included in institutional plan	Not included in institutional plan
Meharry Medical C.	14,000	0	0	0	0	0	500	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center[h]	7,476	4,548	19,487	19,015	36,900	26,936	3,642	3,805	0 i	0 i
Texas										
Public										
Lamar U.	1,790	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	NA	0	0	0	7,500	1,037	1,037	0	0	0
Sam Houston State U.	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
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	0	0	0	0	0	0	0	0	0	0
Texas A&M International U.	ne	ne	0	0	0	350	0	0	0	0
Texas A&M U., College Station and Health Science Center	NA	14,031 i	1,606	20,131	111,241	48,517	22,721	33,723	0	275
Texas A&M U.-Commerce	ne	0	0	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	0	0	0	0	0	0 i	1,642	0	3,000	0
Texas A&M U.-Kingsville	2,268	0	1,311	0	0	3,287	0	275	275	0
Texas Southern U.	0	0	0	0	1,266	0	0	2,700	0	0
Texas State U.	0	926	0	0	3,018	1,400	3,600	13,715	0	0
Texas Tech U.	610	13,300	0	9,299	16,559	32,783	5,371	0	0	0
Texas Tech U., Health Sciences Center[i]	0	3,212	9,329	3,021	4,329	3,156	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	na	na	na	na	821	0	0	0	0	0
Texas Woman's U.	0	0	0	0	0	0	0	0	0	0
U. Houston	8,240	3,904	0	400	1,590	8,471	19,473	56,826	0	0
U. Houston-Clear Lake	ne	ne	ne	0	0	0	0	0	0	0
U. North Texas, Denton	NA	6,708	9,420	18,668	20,143	1,680	10,068	13,875	0	0
U. North Texas, Health Science Center	0	3,300	10,948	4,211	6,972	656	6,800	11,850	0	0
U. Texas Health Science Center, Houston	0	2,898	4,054	4,777	16,600	7,232	87,527	13,882	36,091	0
U. Texas Health Science Center, San Antonio	5,548	13,753	5,278	29,053	8,448	857	8,200	37,500	6,500	75,300
U. Texas Health Science Center, Tyler	ne	ne	ne	ne	ne	1,956	2,853	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	17,371	0	0
U. Texas Medical Branch	1,078	26,659	0	9,191	3,271	1,489	11,389	4,993	3,193	0
U. Texas Rio Grande Valley	na	na	na	na	na	7,900	357	0	0	0
U. Texas Southwestern Medical Center	29,375	34,926	74,493	45,569	24,135	25,965	24,587	26,067	7,300	9,100

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 2006–21

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									Included in institutional plan	Not included in institutional plan
U. Texas, Arlington	406	1,378	525	5,263	3,987	7,531	282	650	12,301	0
U. Texas, Austin	5,655	13,704	20,171	8,397	10,287	188,884	136,006	218,000	240,000	0
U. Texas, Dallas	17,431	13,000	10,938	4,287	5,616	5,500	6,478	0	0	0
U. Texas, El Paso	3,363	34,162	9,000	5,600	1,500	3,147	345	0	0	0
U. Texas, San Antonio	407	1,562	1,245	4,070	2,376	1,689	1,752	250	0	0
U. Texas, Tyler	ne	0	0	0	0	0	1,499	0	0	0
West Texas A&M U.	3,466	3,000	3,137	0	1,037	0 i	0 i	0 i	0 i	0 i
Private										
Baylor C. of Medicine	10,375	560	5,998	4,250	17,060	2,006	6,252	7,300	0	0
Baylor U.	978	2,312	3,879	26,509	4,099	6,815	3,931	7,335	0	0
Rice U.	7,496	2,025	6,711	6,018	2,344	29,650	21,350	1,928	0	0
Southern Methodist U.	6,000	0	545	440	1,550	15,442	3,086	1,386	0	0
St. Edward's U.	ne	ne	ne	35,000	250	0	0	0	0	0
Texas Christian U.	3,000	5,300	4,800	3,300	0 i	4,720	250	0	0	0
Trinity U.	0	0	0	0	0	0	1,489	0	0	0
U. of the Incarnate Word	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
Utah										
Public										
U. Utah	7,297	24,296	18,280	26,429	56,213	75,365	64,609	46,759	0	158,946
Utah State U.	2,992	3,293	2,439	500	2,088	314	26,000	844	0	0
Private										
Brigham Young U., Provo	0	0	0	0	0	0 i	1,681 i	0 i	0	0
Vermont										
Public										
U. Vermont	2,034	5,070	7,920	5,584	253	507	0	3,240	30,000	0
Private										
Middlebury C.	ne	0	0	0	277	0	0	310	0	0
Saint Michael's C.	ne	ne	ne	0	0	0	0	0	0	0
Virginia										
Public										
Christopher Newport U.	ne	ne	0	0	0	0	0	0	0	0
George Mason U.	600	310	0	0	1,500	0	0	0	25,000	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 2006–21

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James Madison U.	14,200	420	0	0	0	0	1,165	900	0	0
Norfolk State U.	0	0	0	0	0	300	0	0	0	0
Old Dominion U.	0	0	0	0	1,918	1,252	2,087	91,903	0	35,820
U. Virginia, Charlottesville[a]	10,615	1,615	43,189	26,042	17,544	26,233	137,950	48,599	0	0
Virginia Commonwealth U.	17,389	1,720	4,800	0	32,431	0	6,377	3,000	8,500	0
Virginia Polytechnic Institute and State U.	0	0	1,150	22,277	2,448	10,436	5,791	30,006	144,461	0
Virginia State U.	0	0	17,097	1,599	771	1,539	688	1,175	1,675	10,846
William & Mary	5,545	4,126	0	0	7,709	996	1,369	0	0	0
Private										
Eastern Virginia Medical School	962	12,664	12,300	0	0	1,787	0	0	0	0
Edward Via C. of Osteopathic Medicine	ne	ne	ne	0	600	1,610	0	0	0	0
Hampton U.	0	0	1,135	1,446	0	460	500	0	0	0
Liberty U.	ne	ne	ne	ne	ne	ne	0	0 i	0 i	0 i
U. Richmond	NA	NA	0	0	0	2,324	2,700	0	0	0
Washington										
Public										
Central Washington U.	8,000	0	0	0	0	0	0	0	0	0
Eastern Washington U.	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	ne	ne	0	0	0	ne	0	0	0	0
U. Washington, Bothell	na	na	ne	ne	ne	ne	0	0	0	0
U. Washington, Seattle	na	na	12,529	32,590	18,955	39,279	21,647	44,234	0	28,500
U. Washington, Tacoma	na	na	ne	ne	ne	6,250	0	0	0	0
Washington State U.	2,964	12,542	10,347	4,421	5,005	9,101	2,433	5,388	133,600	0
Western Washington U.	785	1,302	1,322	1,200	500	0	1,829	0	3,400	0
Private										
Seattle U.	ne	NA	0	ne	0	0	0	945	0	0
West Virginia										
Public										
Marshall U.	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	0	0	507	616	1,430	1,342	4,498	1,965	950	0
West Virginia U.	6,329	8,365	10,134	4,584	7,150	4,089	25,789	0	0	0
Wisconsin										

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 2006–21

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Public										
U. Wisconsin-Eau Claire	500	930	0	0	ne	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0 i	0 i	0	604	5,000	0
U. Wisconsin-Madison	NA	32,258	5,017	4,299	0	1,566	4,314	18,073	21,092	0
U. Wisconsin-Milwaukee	0	4,950	15,271	850	2,100	850	0	15,000	249,098	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0 i	0	1,328	0	1,500
U. Wisconsin-Stevens Point	NA	NA	0	0	0	0	0	0	0	0
U. Wisconsin-Superior	0	NA	0	0 i	ne	ne	0 i	0 i	0 i	0 i
Private										
Marquette U.	7,000	281	503	680	0	1,095	8,269	0	0	0
Medical C. Wisconsin	500	16,711	13,720	549	800	0	21,100	19,800	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0
Wyoming										
Public										
U. Wyoming	1,550	803	8,688	1,677	1,337	12,550	7,405	2,500	0	55,990
American Samoa										
Public										
American Samoa Community C.	ne	ne	ne	ne	0	ne	0	0	0	0
Guam										
Public										
U. Guam	0	0	900	0	0	250	12,000	0	0	0
Puerto Rico										
Public										
U. Puerto Rico, Cayey	ne	0	ne	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	ne	2,337	0	0	0
U. Puerto Rico, Mayaguez	0	0	0	0	0	1,569	250	18,000	0	0
U. Puerto Rico, Medical Sciences Campus	NA	356	1,242	2,475	0	0	0	10,906	0	0
U. Puerto Rico, Rio Piedras	0	720	0	1,150	0	0	0	0	0	0
Private										
Polytechnic U. Puerto Rico	ne	ne	ne	ne	ne	ne	353	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	2,000	3,482	4,414	0	0

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									Included in institutional plan	Not included in institutional plan
U. Ana G. Mendez, Cupey Campus	ne	ne	0	553	0	0	0	0	0	0
U. Ana G. Mendez, Recinto de Gurabo	ne	ne	5,725	ne	0	0	0	0	0	0
U. Central del Caribe	NA	1,000	0	0	0	0	0	0	0	0
Virgin Islands										
Public										
U. of the Virgin Islands	0	299	704	900	354	0	0	0	0	2,500

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.

[a] Prior to FY 2010, the institution 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 a single institution.

[b] Prior to FY 2018, the institution 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 a single institution.

[c] 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.

[d] Prior to FY 2014, the institution was surveyed separately; data for those survey years describe characteristics of a single institution. Beginning in FY 2014, the institution was surveyed together with other affiliated institutions; data for FY 2014 and beyond describe characteristics of the group of institutions.

[e] Prior to FY 2012, the institution was surveyed together with other 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 a single institution.

[f] Prior to FY 2016, the institution was surveyed separately; data for those survey years describe characteristics of a 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.

[g] Prior to FY 2016, the institution 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 a single institution.

[h] Data reported for the Vanderbilt U. Medical Center are for the Vanderbilt School of Medicine.

[i] Prior to FY 2014, the institution 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 a single institution.

Note(s):

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2020 or FY 2021.

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 2018 or FY 2019

(Number and percent)

Type of institution	All institutions	Institutions with repair and renovation projects		Institutions with new construction projects	
		Number	Percent	Number	Percent
All institutions	590	312	53	155	26
Doctorate granting	447	277	62	132	30
Public	306	190	62	106	35
Private	141	87	62	26	18
Nondoctorate granting	143	35	24	23	16
Medical schools[a]	157	92	59	14	9

[a] Medical schools are listed separately and are also included in individual institution totals.

Note(s):

Percentages are based on unrounded numbers.

Source(s):

National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2019.

TABLE 24

Source of funds for new construction of science and engineering research space in academic institutions, by type of institution: FY 2018 or FY 2019

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources[a]
		Federal	State and local	
All institutions	5,145.1	146.8	1,111.4	3,886.9
Doctorate granting	4,784.9	146.8	1,026.0	3,612.1
Public	3,898.4	145.8	1,021.0	2,731.6
Private	886.5	1.0	5.0	880.5
Nondoctorate granting	360.2	0.0	85.4	274.8

[a] Institutional funds and other sources include 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 2019.

TABLE 25

Source of funds for repair and renovation of science and engineering research space in academic institutions, by type of institution: FY 2018 or FY 2019

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources[a]
		Federal	State and local	
All institutions	5,483.4	73.7	971.8	4,437.9
Doctorate granting	5,241.4	41.0	912.0	4,288.4
Public	3,077.5	30.1	739.0	2,308.3
Private	2,163.9	10.8	173.0	1,980.1
Nondoctorate granting	242.0	32.7	59.8	149.5

[a] Institutional funds and other sources include 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 2019.

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 1986–2019

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources[a]
		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	5,145.1	146.8	1,111.4	3,886.9
Doctorate granting	4,784.9	146.8	1,026.0	3,612.1
Nondoctorate granting	360.2	0.0	85.4	274.8

[a] Institutional funds and other sources include 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 2002–19; 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 1986–2019

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources[a]
		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

[a] Institutional funds and other sources include 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 2002–19; repair and renovation 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 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 2019

(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	21,970.8	9,992.9	5,981.9	1,601.3	4,394.7
Agricultural sciences	1,376.6	612.0	504.4	48.2	211.9
Biological and biomedical sciences	5,357.0	2,533.8	1,645.2	243.1	934.8
Computer and information sciences	664.0	452.5	151.2	5.0	55.3
Engineering	3,784.6	1,597.1	1,019.1	382.2	786.2
Geosciences, atmospheric sciences, and ocean sciences	865.3	250.6	247.0	126.9	240.8
Health sciences	4,278.0	2,683.0	690.6	356.1	548.2
Mathematics and statistics	315.5	70.9	166.1	3.0	75.5
Natural resources and conservation	396.5	174.6	108.4	13.9	99.6
Physical sciences	2,938.5	1,019.3	870.5	299.5	749.3
Psychology	710.0	104.7	321.4	13.8	270.1
Social sciences	515.0	35.5	187.0	21.1	271.3
Other	769.9	458.9	70.9	88.3	151.8

Note(s):

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2020 or FY 2021. 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 2019.

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 2019

(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	21,970.8	9,992.9	5,981.9	1,601.3	4,394.7
Doctorate granting	21,696.0	9,862.6	5,906.1	1,553.3	4,374.0
Public	18,551.6	8,732.7	5,168.8	1,245.8	3,404.3
Private	3,144.4	1,129.9	737.3	307.5	969.7
Nondoctorate granting	274.8	130.4	75.8	48.0	20.7
Medical schools[a]	4,040.7	2,309.9	863.3	235.0	632.5

[a] 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 2020 or FY 2021. 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 2019.

Technical Notes

Survey Overview

Purpose. Data are collected biennially through the congressionally mandated Survey of Science and Engineering Research Facilities (Facilities Survey) from the National Center for Science and Engineering Statistics (NCSES) within the National Science Foundation (NSF). 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 31 August 2022.

Survey contractor. Westat.

Survey sponsor. The Facilities Survey is sponsored by NCSES within NSF.

Key Survey Information

Frequency. Biennial.

Initial survey year. 1986.

Reference period. FY 2019.

Response unit. Establishments.

Sample or census. Census.

Population size. A total of 590 in FY 2019.

Sample size. Not applicable.

Survey Design

*Target population***.** The FY 2019 population consisted of 590 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 2018 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 2019 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 submit the information to an NCSES contractor. The data collection period was October 2019 through May 2020.

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

Response rates. See section "**Survey Quality Measures**" 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 2019 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. Data reported in *Science and Engineering Research Facilities: Fiscal Year 2019* are imputed, except for the data on shared space and the 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 the 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 2018 total R&D expenditures (overall), and total FY 2019 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 to their FY 2017 data, where available.

The imputation rates ranged from 0.0% to 4.9%. 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 2019. 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.

- *Unit nonresponse*—For the FY 2019 cycle, 97% (573 out of 590)[1] of the academic institutions responded to the survey.
- *Item nonresponse*—The FY 2019 survey had limited item nonresponse. Nonresponse ranged from 0% to 2% for 96% of the items. The remaining 11 items had nonresponse rates ranging from 2.6% to 3.8%. Nonresponding institutions (unit nonrespondents) were not included in the calculations for item nonresponse.

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.

- Crosswalk of field of S&E to detailed S&E disciplines: A detailed list of disciplines by each S&E field was added. The list was intended to help find the most appropriate S&E field in which to report research for specific disciplines.
- An example was added to provide guidance concerning the types of information that should be entered in question 20 as comments.

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 2020 or FY 2021. 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).

Note

[1] Surveys were collected from 591 institutions, with separate surveys collected from the University of Maryland Baltimore and University of Maryland College Park. Data from the FY 2019 surveys collected from these two University of Maryland campuses were combined and reported as one research unit in NCSES tables and data files 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 were included in NCSES tables and data files as separate institutions.

Acknowledgments and Suggested Citation

Acknowledgments

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