







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	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	0	0	0	0	0	0
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	0	0
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 <sup>a</sup>	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	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





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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	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	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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Maryland											
Public											
Bowie State U.	0	ne	ne	0	0	0	0	0	0	0	0
Morgan State U.	0	0	23,000	0	0	0	0	0	0	0	0
Salisbury U.	ne	ne	ne	0	0	0	0	0	0	0	0
Towson U.	0	9,000	0	0	0	32,000	0	0	0	0	0
U. Baltimore	NA	2,948	0	0	0	0	0	0	0	0	0
U. Maryland <sup>c</sup>	na	na	na	na	na	na	280,716	146,699	133,300		0
U. Maryland Center for Environmental Science	0	724	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	0	0		0
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	0	0		0

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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	0	0	0	0
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	0
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	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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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 <sup>d</sup>	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

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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	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	0	0	0
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	0	0	0
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

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SUNY, U. Albany <sup>e</sup>	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. <sup>f</sup>	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. <sup>d</sup>	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

## 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
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	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
Clayton 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

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
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 <sup>e</sup>	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 <sup>h</sup>	54,710	0	775	0	26,948	0	0	0	0	0
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
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
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 <sup>i</sup>	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)

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									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 <sup>a</sup>	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	
Puerto Rico											
Public											
U. Puerto Rico, Cayey	ne	0	ne	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	0	0	0	0	0	ne	0	0	0	0	0
U. Puerto Rico, Mayaguez	1,800	0	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	0
U. Puerto Rico, Rio Piedras	0	60,000	0	0	0	0	0	5,600	0	0	0
Private											
Polytechnic U. Puerto Rico	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	2,000	0	80,000	0	0	0
U. Ana G. Mendez, Cupey Campus	ne	ne	0	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	0
U. Central del Caribe	NA	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	750	0	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.

<sup>a</sup> 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.

<sup>b</sup> 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.

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

<sup>d</sup> 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.

<sup>e</sup> 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.

<sup>f</sup> 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.

<sup>g</sup> 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

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surveyed separately; data for FY 2016 and beyond describe characteristics of a single institution.

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

<sup>i</sup> 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.