

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 2006–23**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
										Included in institutional plan	Not included in institutional plan
Alabama											
Public											
Alabama A&M U.	0	NA	0	0	1,919	0	382	4,804	0	3,500	0
Alabama State U.	0	0	0	0	0	0	4,800	275	300	3,000	0
Auburn U., Auburn	na	na	0	6,041	1,714	22,388	0	0	0	0	0
Troy U.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
U. Alabama, Birmingham	2,945	5,087	8,118	441	294	2,264	0	7,704	14,507	10,795	0
U. Alabama, Huntsville	0	0	0	975	0	320	0	677	0	0	0
U. Alabama, Tuscaloosa	0	707	2,642	400	8,568	14,951	13,952	2,206	1,969	0	0
U. South Alabama	0	0	0	0	1,376	1,750	2,411	0	0	0	0
Private											
Tuskegee U.	11,529	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. Alaska, Anchorage	0	NA	NA	27,900	0	0	0	0	0	0	0
U. Alaska, Fairbanks	NA	9,000	2,942	13,427	18,288	6,498	6,487	6,853	4,414	190,500	0
U. Alaska, Southeast	ne	NA	3,450	0	0	0	0	1,125	1,125	2,500	0
Private											
Alaska Pacific U.	ne	ne	ne	ne	ne	0	0	500	0	0	0
Arizona											
Public											
Arizona State U.	2,366	7,449	21,375	34,247	26,180	29,478	33,748	53,198	9,757	0	0
Northern Arizona U.	750	500	5,000	1,889	3,641	4,474	498	0	2,455	0	0
U. Arizona	11,685	2,918	5,725	53,029	8,607	21,000	24,320	23,859	14,853	0	39,517
Arkansas											
Public											
Arkansas State U., Jonesboro	403	0	2,000	1,800	1,800	0	0	350	0	0	0
U. Arkansas for Medical Sciences	0	2,267	10,974	430	0	2,879	3,511	20,221	0	0	0
U. Arkansas, Fayetteville	6,165	0	0	463	2,571	2,920	1,805	4,470	625	32,000	0
U. Arkansas, Little Rock	3,000	0	0	0	0	0	2,600	0	0	0	0
U. Arkansas, Pine Bluff	0	0	0	1,200	0	0	0	14,529	0	0	0
U. Central Arkansas	0	0	0	0	0	260	530	0	0	0	0

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California											
Public											
California Polytechnic State U., San Luis Obispo	1,650	0	250	0	0	1,044	922	600	1,750	0	9,000
California State Polytechnic U., Pomona	0	463	1,592	15,014	250	0	0	0	0	0	5,500
California State U., Bakersfield	0	1,025	675	0	0	0	643	0	0	0	0
California State U., Channel Islands	ne	ne	ne	ne	0	0	0	0	0	0	0
California State U., Chico	0	0	0	0	0	0	500	0	0	0	0
California State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
California State U., East Bay	0	0	0	0	ne	ne	ne	0	0	0	0
California State U., Fresno	0	667	0	0	0	0	0	0	0	0	0
California State U., Fullerton	800	900	3,440	0	3,000	0	0	0	27,000	0	0
California State U., Long Beach	0	0	0	0	0	0	14,061	0	63,000	0	0
California State U., Los Angeles	0	0	0	1,734	0	0	0	0	0	0	0
California State U., Maritime Academy	ne	ne	ne	300	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	921	0	0	342	679	1,504	1,345	0	0	0	0
California State U., Sacramento	0	0	1,300	0	360	0	0	0	0	10,900	0
California State U., San Bernardino	1,254	787	0	0	0	0	0	0	1,004	0	0
California State U., San Marcos	ne	ne	NA	0	0	0	250	0	0	0	0
California State U., Stanislaus	ne	ne	ne	0	ne	0	0	0	277	0	0
Humboldt State U.	0	NA	0	0	0	0	0	0	12,100	750	0
San Diego State U.	1,877	1,400	1,516	1,400	0	6,060	1,050	5,813	0	0	0
San Francisco State U.	NA	3,210	0	0	0	0	0	0	0	0	0
San Jose State U.	0	0	1,500	14,035	500	1,476	0	0	0	0	0
Sonoma State U.	ne	ne	ne	0	0	ne	ne	0	0	0	0
U. California, Berkeley	20,055	19,534	72,051	20,100	34,860	35,450	44,000	43,300	128,500	741,020	3,300
U. California, Davis	110,181	57,272	41,200	22,443	2,395	67,069	68,454	20,172	118,200	11,982	86,585
U. California, Irvine	10,265	8,999	39,102	17,453	4,900	26,910	23,703	63,568	12,377	186,866	9,001
U. California, Los Angeles	5,790	9,524	48,619	179,184	202,438	116,150	14,998	14,578	34,153	0	0
U. California, Merced	1,225	7,447	0	0	0	524	8,974	5,132	8,200	0	0
U. California, Riverside	4,102	15,535	15,173	15,341	0	10,000	114,678	28,000	0	38,574	0
U. California, San Diego	18,353	16,121	8,305	40,894	44,218	21,739	158,364	148,277	173,682	0	0



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Colorado School of Mines	956	1,900	2,946	2,265	1,703	1,713	872	7,823	1,106	0	0
Colorado State U., Fort Collins	500	4,896	1,050	6,471	8,718	252	3,498	2,876	2,073	0	0
Colorado State U., Pueblo	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i	0 i
Fort Lewis C.	ne	ne	ne	ne	ne	ne	0	0	0	0	0
U. Colorado Boulder	0	0	8,767	19,692	59,666	31,527	13,492	5,536	27,741	0	0
U. Colorado Colorado Springs	0	0	17,085	0	0	570	1,471	0	0	0	0
U. Colorado Denver and Anschutz Medical Campus	6,552	25,424	3,551	271	6,388	1,947	6,249	26,372	4,688	17,038	0
U. Northern Colorado	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	450	0	1,171	3,270	1,521	394	0	0	0	0
Connecticut											
Public											
Eastern Connecticut State U.	ne	ne	ne	ne	ne	ne	ne	1,372	0	0	0
Southern Connecticut State U.	NA	0	ne	0	0	0	0	0	0	0	0
U. Connecticut	314	52,515	4,752	98,344	22,397	43,190	73,762	21,778	33,259	61,700	0
Private											
Connecticut C.	NA	ne	NA	0	0	0	0	0	0	0	0
Trinity C., Hartford	ne	ne	2,000	1,225	0	430	400	301	0	0	0
U. Hartford	0	0	0	0	700	0	ne	0	0	0	0
U. New Haven	ne	ne	ne	ne	ne	9,835	9,672	4,774	5,000	1,550	0
Wesleyan U.	580	1,050	3,257	2,745	4,097	3,006	2,201	1,801	900	5,922	15,967
Yale U.	187,441	141,291	113,456	201,349	265,364	102,058	114,062	378,885	465,399	255,909	0
Delaware											
Public											
Delaware State U.	1,763	0	500	600	1,590	350	426	677	4,630	8,500	2,050
U. Delaware	32,183	7,968	0	6,817	14,103	10,939	4,856	10,008	10,634	36,533	0
District of Columbia											
Public											
U. of the District of Columbia	0	0	260	4,500	10,500	800	2,000	0	4,000	250	0
Private											
American U.	0	3,100	0	1,400 i	0	1,155	0	0	0	0	1,000
Catholic U. of America	0	NA	NA	0	2,430	1,001	800	3,143	0	0	0

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Gallaudet U.	NA	NA	520	657	0	0	0	0	0	0	0
George Washington U.	67,600	345	40,535	52,235	25,909	36,518	15,550	6,550	9,756	0	0
Georgetown U.	16,505	1,940	17,408	10,407	12,315	0	3,300	10,795	18,180	109,142	0
Howard U.	550	1,385	9,529	14,450	2,000	6,000	10,351	7,277	4,540	12,373	0
Florida											
Public											
Florida A&M U.	3,000	1,400	7,600	2,400	3,032	545	514	2,580	0	0	0
Florida Atlantic U.	0	0	3,318	1,262	0	700	582	716	1,167	0	0
Florida Gulf Coast U.	251	0	0	0	0	0	0	0	0	0	0
Florida International U.	2,607	1,317	9,003	6,631	1,534	4,051	2,273	4,171	1,681	0	0
Florida Polytechnic U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Florida State U.	0	0	0	1,619	3,459	5,468	39,538	8,476	7,730	0	0
U. Central Florida	0	0	0	320	7,171	12,100	647	5,183	10,000	0	27,248
U. Florida	4,100	390	8,236	7,031	67,659	12,640	4,796	14,222	16,103	372,578	0
U. North Florida	NA	0	0	0	0	0	6,840	0	0	0	0
U. South Florida <sup>b</sup>	4,349	4,985	6,342	5,731	6,218	2,361	14,177	7,794	400	98,780	0
U. West Florida	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	700	252	0	0
Florida Institute of Technology	0	0	0	2,099	2,170	0	3,327	545	0	0	0
Nova Southeastern U.	0	0	0	0	4,482	1,742	0	4,951	123,085	0	503
U. Miami	28,800	17,051	7,018	21,856	75,372	10,844	9,011	21,786	32,963	70,514	0
Georgia											
Public											
Augusta U.	na	na	na	569	2,538	6,724	440	1,259	2,864	0	0
Fort Valley State U.	0	0	0	361	361	0	2,836	879	3,600	0	0
Georgia Institute of Technology	6,400	22,500	15,600	18,700	22,288	7,164	92,142	43,306	15,214	242,560	19,705
Georgia Southern U.	0	6,841	0	0	0	0	5,000	0	3,200	0	0
Georgia State U.	5,466	6,181	8,230	4,372	2,500	1,281	6,805	5,005	2,800	2,700	0
Kennesaw State U.	ne	ne	0	0	0	1,000	0	1,497	1,000	0	0
Savannah State U.	1,146	0	250	0	0	0	0	3,700	0	1,800	0
U. Georgia	1,685	2,800	3,967	12,821	6,729	16,964	10,446	4,678	60,410	0	0

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Private											
Clark Atlanta U.	0	0	250	250	2,036	0	0	15,457	9,500	0	0
Emory U.	7,055	2,942	0	4,167	1,001	5,197	5,844	5,844	47,890	250	0
Mercer U.	0	1,663	0	0	0	0	49,201	16,486	0	0	0
Morehouse C.	2,256	0	0	0	0	0	0	1,208	750	0	0
Morehouse School of Medicine	0	354	0	10,000	0	1,326	0	0	2,500	15,000	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. Hawaii, Hilo	0	0	4,000	0	0	0	0	7,445	515	515	0
U. Hawaii, Manoa	19,184	26,768	2,400	12,041	7,035	51,376	12,448	16,066	27,694	53,701	0
Private											
Hawaii Pacific U.	ne	ne	ne	0	0	0	0	0	0	0	0
Idaho											
Public											
Boise State U.	727	1,100	1,171	6,768	7,557	0	0	1,550	0	3,475	0
Idaho State U.	0	2,214	0	0	4,643	0	1,736	0	0	82,440	0
U. Idaho	1,732	9,320	1,216	6,218	6,398	5,487	8,897	5,047	7,506	14,985	0
Illinois											
Public											
Illinois State U.	0	0	0	0	643	0	0	11,400	1,185	0	0
Northeastern Illinois U.	ne	0	ne	ne	ne	ne	0	0	0	0	0
Northern Illinois U.	0	0	0	0	0	0	3,137	0	0	0	0
Southern Illinois U., Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	0	0	4,680	0	0	0	600	0	0	0	0
U. Illinois, Chicago	13,768	3,776	632	449	575	2,734	16,217	11,381	17,488	152,921	0
U. Illinois, Springfield	350	0	0	0	0	415	0	0	0	0	0
U. Illinois, Urbana-Champaign	15,120	15,620	21,400	9,116	1,804	83,733	35,361	5,264	4,694	0	0
Western Illinois U.	0	0	0	0	0	0	0	0	0	0	0
Private											
DePaul U.	0	0	0	0	6,600	0	0	0	0	0	0
Illinois Institute of Technology	0	0	0	500	525	1,224	0	0	0	0	0







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U. Maine	0	0	3,690	0	0	0	0	2,900	0	0	0
U. Southern Maine	0	0	0	761	330	0	0	0	1,500	0	0
Private											
Bates C.	1,154	ne	0	0	0	0	0	0	19,538	0	0
Bowdoin C.	NA	NA	NA	0	705	0	0	371	0	0	0
Colby C.	0	0	0	0	700	2,080	0	0	0	0	0
U. New England	NA	0	0	750	0	0	0	0	0	0	0
Maryland											
Public											
Bowie State U.	0	ne	ne	300	0	0	0	0	0	0	0
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Salisbury U.	ne	ne	ne	0	0	0	386	0	0	0	0
Towson U.	0	755	1,000	4,400	0	500	0	0	5,500	0	0
U. Baltimore	NA	0	0	0	0	0	0	0	0	0	0
U. Maryland <sup>d</sup>	na	na	na	na	na	na	52,799	68,065	69,075	364,532	193,654
U. Maryland Center for Environmental Science	0	0	250 i	0	1,598	2,536	1,549	1,468	0	0	46,405
U. Maryland, Baltimore County	0	713	2,881	550	510	2,158	966	2,286	2,487	172,900	74,200
U. Maryland, Eastern Shore	900	1,060	534	1,230	0	0	2,500	0	0	1,850	0
Private											
Johns Hopkins U.	22,755	27,716	36,059	77,050	69,161	22,604	10,438	38,999	50,826	32,000	0
Massachusetts											
Public											
Framingham State U.	ne	ne	ne	ne	ne	ne	ne	0 i	0 i	0 i	0 i
U. Massachusetts, Amherst	18,897	34,291	53,961	53,347	24,974	9,112	41,338	17,800	56,280	0	0
U. Massachusetts, Boston	760	6,073	750	0	503	0	6,819	0	0	0	0
U. Massachusetts, Dartmouth	0	2,230	1,300	4,417	11,502	10,155	0	500	0	24,000	0
U. Massachusetts, Lowell	0	0	4,000	3,000	9,978	62,632	26,065	19,520	68,615	88,830	70,000
U. Massachusetts, Medical School	40,000	13,301	5,843	16,992	6,334	8,467	12,550	22,600	41,430	77,520	0
Private											
Amherst C.	0	0	0	0	0	0	0	0	0	0	0
Boston C.	7,618	20,801	4,785	6,739	7,902	7,786	1,837	2,687	0	0	0
Boston U.	15,741	34,051	19,302	24,132	8,293	29,921	28,306	18,385	5,448	0	0



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U. Detroit Mercy	ne	ne	0	ne	0	500	250	0	1,500	0	0
Van Andel Research Institute	ne	ne	ne	ne	ne	14,705	2,331	0	4,950	0	0
<b>Minnesota</b>											
<b>Public</b>											
Minnesota State U., Mankato	ne	0	0	0	0	0	0	0	282	1,963	0
St. Cloud State U.	0	5,000	0	0	0	0	600	0	0	0	0
U. Minnesota, Duluth	na	na	0	0	368	0	0	1,369	0	4,597	0
U. Minnesota, Twin Cities	na	na	13,969	22,960	19,590	38,401	25,425	75,961	1,065	125,919	0
<b>Private</b>											
Carleton C.	807	710	1,475	889	0	0	0	22,269	10,902	0	0
Macalester C.	0	0	0	0	260	0	0	0	0	0	0
U. of St. Thomas (MN)	ne	ne	NA	ne	ne	ne	0	0	0	0	0
<b>Mississippi</b>											
<b>Public</b>											
Alcorn State U.	13,000	0	0	0	0	1,055	3,655	0	0	0	0
Jackson State U.	NA	0	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	1,600	7,399	0	1,750
U. Mississippi	3,000	9,790	1,855	762	616	1,600	452	0	700	0	0
U. Southern Mississippi	0	0	270	0	0	0	0	1,300	1,450	3,900	0
<b>Private</b>											
Tougaloo C.	ne	0	0	0	0	0	0	0	0	0	0
<b>Missouri</b>											
<b>Public</b>											
Lincoln U., Jefferson City	0	0	312	0	0	0	0	0	0	0	0
Missouri State U.	12,000	6,150	1,400	0	0	0	799	0	698	5,289	786
Missouri U. of Science and Technology	914	694	6,452	7,152	461	18,076	8,971	2,744	292	263	1,799
U. Missouri, Columbia	8,363	31,501	13,716	2,328	6,126	50,724	16,300	13,761	50,000	0	0
U. Missouri, Kansas City	1,072	10,257	1,200	0	2,137	3,210	22,620	0	0	37,657	0
U. Missouri, Saint Louis	5,250	0	0	0	0	0	1,391	2,339	1,160	0	17,155
<b>Private</b>											
Saint Louis U.	5,496	2,200	2,526	3,289	5,710	4,667	41,518	10,416	13,500	0	0
U. of Health Sciences and Pharmacy in St. Louis	ne	ne	ne	ne	ne	ne	ne	1,200	0	0	12,000

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Washington U., Saint Louis	41,794	21,752	38,684	52,541	21,383	83,593	48,553	41,249	62,421	14,000	0
Montana											
Public											
Montana State U., Bozeman	2,583	2,100	18,489	0	0	0	0	0	380	0	0
Montana Technological U.	0	0	0	0	0	250	550	0	0	0	0
U. Montana, Missoula	965	447	263	3,283	2,250	2,750	1,090	1,142	1,912	0	0
Nebraska											
Public											
U. Nebraska, Kearney	ne	ne	NA	ne	0	0	0	997	0	0	0
U. Nebraska, Lincoln	15,740	97,066	12,547	28,044	12,325	40,678	10,051	24,231	12,830	97,780	0
U. Nebraska, Medical Center	1,340	0	0	16,870	8,993	1,615	0	0	4,000	0	0
U. Nebraska, Omaha	0	0	692	7,267	0	0	0	0	1,804	0	0
Private											
Creighton U.	6,263	3,975	1,107	597	0	6,470	3,582	13,573	0	0	0
Nevada											
Public											
Desert Research Institute	468	0	784	0	0	0	520	250	350	6,211	0
U. Nevada, Las Vegas	0	962	4,461	1,080	293	0	9,259	4,820	400	609	0
U. Nevada, Reno	3,351	3,390	1,326	282	760	5,464	3,353	10,296	1,195	0	304
Private											
Roseman U. of Health Sciences	ne	ne	ne	ne	3,277	0	0	0	0	0	0
New Hampshire											
Public											
Keene State C.	ne	ne	ne	0	0	0	ne	0	0	0	0
U. New Hampshire	403	0	11,190	2,512	755	2,870	36,050	1,200	0	0	0
Private											
Dartmouth C.	NA	3,898	1,617	3,713	6,033	20,134	288	6,523	3,120	0	0
New Jersey											
Public											
C. New Jersey	NA	ne	ne	ne	ne	0	ne	0	0	0	0
Kean U.	ne	ne	ne	0	ne	ne	ne	0	0	0	0
Montclair State U.	NA	4,450	0	0	2,580	0	0	3,850	0	22,500	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 2006–23**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
										Included in institutional plan	Not included in institutional plan
New Jersey Institute of Technology	0	1,800	0	0	7,676	4,259	6,883	10,933	4,000	0	1,497
Rowan U.	250	2,035	0	4,460	0	8,000	8,929	1,379	0	0	0
Rutgers, State U. New Jersey, Camden	na	na	500	0	0	4,144	1,100	500	0	0	0
Rutgers, State U. New Jersey, New Brunswick <sup>e</sup>	na	na	16,613	10,030	57,473	70,060	33,612	204,073	67,665	528,909	0
Rutgers, State U. New Jersey, Newark	na	na	3,522	581	1,202	250	300	1,100	1,600	1,350	3,500
Stockton U.	ne	ne	ne	ne	0	ne	0	500	0	0	600
William Paterson U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Private											
Monmouth U.	0	0	0	ne	ne	ne	0	0	0	0	0
Princeton U.	16,306	20,561	67,520	43,548	83,236	44,656	69,966	54,207	40,659	0	0
Stevens Institute of Technology	1,000	750	500	0	542	5,573	3,961	1,478	2,951	0	2,375
New Mexico											
Public											
New Mexico Highlands U.	0	0	300	0	ne	0	ne	0	0	0	0
New Mexico Institute of Mining and Technology	0	2,500	0	0	0	0	0	12,568	0	0	0
New Mexico State U.	1,830	4,106	294	1,148	0	18,503	1,042	0	0	0	0
U. New Mexico	8,473	5,510	5,208	0	22,576	26,372	6,275	1,500	450	0	16,654
New York											
Public											
CUNY, Advanced Science Research Center	ne	ne	ne	ne	ne	2,000	4,000	4,500	0	0	0
CUNY, Baruch C.	0	0	0	0	ne	0	0	0	0	0	0
CUNY, Brooklyn C.	0	2,601	5,830	0	0	0	42,000	0	3,600	0	0
CUNY, C. Staten Island	0	17,000	17,000	2,400	1,000	0	0	0	2,881	0	0
CUNY, City C.	24,585	1,750	7,700	0	0	44,000	0	0	0	0	0
CUNY, Graduate Center	0	0	0	0	0	0	0	4,500	0	0	0
CUNY, Graduate School of Public Health and Health Policy	ne	ne	ne	ne	ne	ne	0	0	0	0	0
CUNY, Hunter C.	600	2,200	500	500	0	550	0	3,433	0	0	108,900
CUNY, John Jay C. of Criminal Justice	ne	NA	0	0	1,050	0	0	0	0	0	0
CUNY, Lehman C.	519	0	0	0	250	0	0	0	0	0	0
CUNY, New York City C. of Technology	ne	ne	ne	ne	ne	ne	0	0	0	0	0
CUNY, Queens C.	0	1,100	0	1,500	30,400	336	1,395	1,395	11,890	0	0
CUNY, York C.	0	0	ne	0	ne	ne	0	2,568	1,500	0	0

TABLE 22

**Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–23**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
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SUNY, Binghamton U.	4,581	18,880	7,034	3,999	810	7,491	7,816	10,088	11,288	39,877	0
SUNY, Buffalo State	0	0	0	0	0	0	0	0	2,986	0	0
SUNY, C. Brockport	ne	ne	ne	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	13,008	320	2,916	1,078	594	0	0	0
SUNY, C. of Optometry	0	0	2,815	2,573	0	0	1,000	1,000	0	2,500	0
SUNY, C. Plattsburgh	0	ne	5,678	ne	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	275	21,185	28,250	0	5,350	2,000	20,000	0	0	0	0
SUNY, Geneseo	14,453	15,062	0	25,000	ne	0	0	3,646	38,101	0	0
SUNY, Oswego	0	0	ne	12,799	ne	0	675	0	0	0	0
SUNY, Polytechnic Institute	ne	ne	ne	ne	3,076	36,077	25,056	1,031	0	0	0
SUNY, Stony Brook U.	17,845	12,157	27,461	23,825	23,985	27,315	35,483	33,732	103,443	0	314,570
SUNY, U. Albany <sup>f</sup>	15,552	46,500	126,960	7,100	2,832	4,438	6,860	30,706	72,507	240,444	0
SUNY, U. Buffalo	2,351	3,154	25,280	9,518	5,231	13,917	10,591	8,732	54,063	107,000	0
SUNY, Upstate Medical U.	29,902	19,622	6,520	2,556	6,575	0	1,091	7,304	35,587	0	0
Private											
Albany C. of Pharmacy and Health Sciences	0	0	0	0	0	271	0	0	0	0	0
Albany Medical C.	650	2,066	0	0	0	3,935	0	0	0	0	0
Albert Einstein C. of Medicine	ne	ne	ne	ne	ne	2,597	12,214	3,828	8,464	0	14,000
Alfred U.	0	1,723	4,272	0	1,705	0	0	0	0	0	0
Barnard C.	314	0	2,363	0	0	0	0	0	0	0	0
Canisius C.	ne	ne	ne	ne	ne	0	0	0	0	0	0
Clarkson U. <sup>g</sup>	0	0	0	750	0	0	767	0	2,850	0	0
Cold Spring Harbor Laboratory	ne	ne	ne	0	5,477	6,377	34,500	5,100	2,900	0	8,000
Colgate U.	0	673	0	2,465	4,400	5,600	1,900	0	1,400	0	0
Columbia U. in the City of New York	31,504	16,023	5,834	34,498	0	58,570	166,803	31,199	0	0	0
Cornell U.	78,500	118,226	48,098	43,753	91,213	93,290	188,390	132,163	67,252	4,000	0
Fordham U.	1,100	0	4,100	6,000	1,200	550	1,000	1,000	1,000	0	9,000
Hobart and William Smith Colleges	ne	0	0	0	0	ne	0	0	0	0	0
Icahn School of Medicine at Mount Sinai	47,000	27,000	48,000	11,600	12,700	30,900	31,000	59,000	30,000	0	0
Ithaca C.	0	0	0	0	0	ne	ne	5,382	1,296	0	0
Long Island U.	NA	NA	NA	0	ne	ne	7,334	15,480	7,100	7,100	1,000
Manhattan C.	ne	ne	ne	ne	ne	ne	0	0	0	0	0







TABLE 22

Costs for repair and renovation of science and engineering research space in academic institutions, by state or territory, control, institution, and time of repair and renovation: FYs 2006–23

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
										Included in institutional plan	Not included in institutional plan
Langston U.	0	0	0	0	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	na	na	1,200	0	0	0	0	15,341	16,000	0	0
Oklahoma State U., Stillwater	na	na	0	0	0	2,544	0	0	0	0	0
U. Central Oklahoma	ne	ne	833	ne	0	0	0	1,223	0	0	0
U. Oklahoma, Norman and Health Science Center	3,325	517	3,692	16,748	26,578	142,552	27,500	20,000	30,000	0	0
U. Oklahoma, Tulsa	ne	ne	ne	ne	ne	0	0	0	0	0	0
Private											
U. Tulsa	250	0	0	0	3,000	0	0	0	0	0	0
Oregon											
Public											
Oregon Health and Science U.	12,450	38,300	24,674	4,675	12,042	13,357	22,260	45,293	4,020	22,395	0
Oregon Institute of Technology	0	0	ne	ne	0	50,200	11,700	4,362	0	0	0
Oregon State U.	8,000	20,952	17,042	5,600	2,750	11,250	4,100	183,870	58,000	110,000	470,000
Portland State U.	925	6,534	0	0	0	410	0	14,497	48,500	0	52,567
U. Oregon	2,133	1,539	3,943	22,919	3,342	10,468	6,773	9,650	63,600	67,300	0
Private											
Lewis and Clark C.	ne	0	260	0	0	0	0	0	0	0	0
National U. of Natural Medicine	ne	ne	ne	ne	ne	0	0	0	0	0	0
Pacific U.	ne	ne	0	ne	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	750	0	0	2,000	0	0
Pennsylvania											
Public											
Indiana U. Pennsylvania	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Pennsylvania State U., Behrend	na	na	4,364	571	0	0	0	557	0	0	0
Pennsylvania State U., Harrisburg	na	na	2,600	1,050	2,500	250	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	na	na	29,871	34,842	33,881	32,900	16,800	29,062	104,875	72,000	0
Temple U.	19,900	3,700	11,745	0	27,589	14,349	0	0	0	0	0
U. Pittsburgh, Pittsburgh	NA	56,880	111,565	11,763	54,685	38,875	108,370	45,413	40,025	0	0
West Chester U. Pennsylvania	ne	0	0	0	0	2,000	0	0	0	0	0
Private											
Bryn Mawr C.	0	3,106	0	1,310	1,240	0	0	4,522	0	1,315	0
Bucknell U.	NA	0	0	0	0	2,750	2,354	0	4,099	0	0

TABLE 22

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Carnegie Mellon U.	20,197	14,677	5,192	7,115	19,983	20,898	11,479	7,920	2,660	0	0
Drexel U.	NA	1,600	346	6,012	13,093	16,572	17,278	978	0	0	0
Duquesne U.	0	0	800	9,288	6,082	2,149	991	1,100	1,200	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	ne	0	0	0	0	12,825	345	0	500	0	0
Lafayette C.	0	0	303	289	ne	ne	0	0	7,500	0	0
Lehigh U.	0	4,000	0	0	1,800	1,000	16,957	3,162	0	0	0
Mercyhurst U.	ne	ne	1,500	ne	ne	ne	ne	0	0	0	0
Philadelphia C. of Osteopathic Medicine	1,850	0	1,132	0	0	0	0	0	0	0	0
Saint Joseph's U.	850	1,060	700	500	ne	ne	360	0	0	0	0
Swarthmore C.	0	0	0	500	900	0	0	0	1,560	0	0
Thomas Jefferson U.	NA	4,280	17,090	32,900	1,180	5,632	37,245	3,141	12,254	0	0
U. of the Sciences Philadelphia	NA	0	516	0	950	8,250	0	0	0	0	0
U. Pennsylvania	81,667	48,278	72,313	44,278	158,151	258,618	184,466	112,541	239,580	0	0
Villanova U.	NA	0	0	0	583	720	2,797	0	1,550	0	0
Rhode Island											
Public											
Rhode Island C.	ne	ne	ne	1,061	ne	10,668	ne	314	0	0	600
U. Rhode Island	0	1,694	2,236	2,845	0	1,766	6,162	6,306	0	42,870	70,128
Private											
Brown U.	19,362	14,193	84,711	48,445	7,336	18,606	11,629	18,614	5,100	0	0
Providence C.	ne	ne	ne	ne	0	13,389	3,951	3,096	10,763	0	0
Roger Williams U.	NA	ne	0	250	0	0	0	0	3,200	0	0
South Carolina											
Public											
C. Charleston	NA	NA	0	0	1,406	0	0	0	0	0	0
Clemson U.	0	0	0	995	0	6,853	0	4,928	0	0	0
Coastal Carolina U.	0	0	0	0	0	685	2,251	0	0	0	0
Medical U. South Carolina	12,568	2,043	3,419	36,525	0	1,000	4,118	0	0	0	0
South Carolina State U.	0	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Aiken	na	na	ne	0	ne	0	1,500	1,000	0	0	0
U. South Carolina, Columbia	na	na	3,809	16,758	1,350	0	721	1,515	0	0	0

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Winthrop U.	ne	ne	ne	0	0	ne	ne	0	1,000	0	1,000
Private											
Clafin U.	ne	3,500	1,200	0	0	0	0	0	0	0	6,000
Furman U.	NA	NA	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	0	0	0	0	300	0	ne	0	0	0	0
Dakota State U.	ne	ne	ne	0	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	0	0	0	0	0	1,260	300	0	600	0	0
South Dakota State U.	710	14,139	4,045	1,450	1,100	1,789	6,189	1,450	3,114	45,238	0
U. South Dakota	0	15,780	9,049	2,000	550	2,150	937	380	3,180	0	0
Private											
Augustana U.	ne	ne	ne	0	6,368	ne	0	0	0	0	0
Tennessee											
Public											
Austin Peay State U.	ne	ne	ne	0	ne	ne	0	0	0	0	0
East Tennessee State U.	0	350	3,499	0	0	1,500	0	1,356	0	0	0
Middle Tennessee State U.	0	0	0	695	1,902	0	0	0	0	0	0
Tennessee State U.	0	0	2,500	1,041	0	1,187	1,330	1,081	4,020	0	0
Tennessee Technological U.	0	0	1,500	0	0	0	0	0	0	0	0
U. Memphis	4,218	4,600	439	2,270	4,435	0	0	1,148	27,060	31,235	0
U. Tennessee, Chattanooga	0	1,085	2,430	0	489	0	11,110	0	0	979	0
U. Tennessee, Health Science Center	na	na	na	0	0	75,000	0	0	30,690	8,000	0
U. Tennessee, Knoxville <sup>f</sup>	16,379	0	14,467	4,467	17,205	8,960	4,373	20,783	3,360	0	0
Private											
Fisk U.	0	0	0	0	0	0	0	1,250	12,000	0	0
Meharry Medical C.	14,000	0	0	0	0	0	500	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center <sup>i</sup>	7,476	4,548	19,487	19,015	36,900	26,936	3,642	19,822	59,217	0	0
Texas											
Public											
Lamar U.	1,790	0	0	0	0	0	0	6,400	50,000	0	0
Prairie View A&M U.	NA	0	0	0	7,500	1,037	1,037	300	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 2006–23**

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Sam Houston State U.	0	0	0	0	0	0	0	282	0	0	0
Stephen F. Austin State U.	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
Tarleton State U.	0	0	0	0	0	0	0	0	0	2,740	0
Texas A&M International U.	ne	ne	0	0	0	350	0	0	0	0	0
Texas A&M U., College Station and Health Science Center	NA	14,031	1,606	20,131	111,241	48,517	22,721	48,274	80,268	2,800	0
Texas A&M U.-Commerce	ne	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	0	0	0	0	0	0	1,642	0	8,591	3,500	0
Texas A&M U.-Kingsville	2,268	0	1,311	0	0	3,287	0	0	0	0	0
Texas Southern U.	0	0	0	0	1,266	0	0	2,344	0	0	0
Texas State U.	0	926	0	0	3,018	1,400	3,600	1,909	4,250	0	0
Texas Tech U.	610	13,300	0	9,299	16,559	32,783	5,371	3,337	1,000	0	0
Texas Tech U., Health Sciences Center <sup>j</sup>	0	3,212	9,329	3,021	4,329	3,156	0	3,972	0	0	0
Texas Tech U., Health Sciences Center, El Paso	na	na	na	na	821	0	0	0	0	1,200	0
Texas Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	8,240	3,904	0	400	1,590	8,471	19,473	6,979	823	901	0
U. Houston-Clear Lake	ne	ne	ne	0	0	0	0	0	0	0	0
U. North Texas, Denton	NA	6,708	9,420	18,668	20,143	1,680	10,068	6,268	15,000	0	0
U. North Texas, Health Science Center	0	3,300	10,948	4,211	6,972	656	6,800	20,240	27,647	0	0
U. Texas Health Science Center, Houston	0	2,898	4,054	4,777	16,600	7,232	87,527	3,218	0	0	0
U. Texas Health Science Center, San Antonio	5,548	13,753	5,278	29,053	8,448	857	8,200	8,374	48,600	0	0
U. Texas Health Science Center, Tyler	ne	ne	ne	ne	ne	1,956	2,853	4,541	0	0	0
U. Texas M. D. Anderson Cancer Center	444,323	16,424	63,091	13,025	18,686	157,386	17,057	29,306	73,656	0	0
U. Texas Medical Branch	1,078	26,659	0	9,191	3,271	1,489	11,389	3,063	2,946	698	0
U. Texas Rio Grande Valley	na	na	na	na	na	7,900	357	1,141	115,000	0	0
U. Texas Southwestern Medical Center	29,375	34,926	74,493	45,569	24,135	25,965	24,587	18,750	44,369	8,395	10,465
U. Texas, Arlington	406	1,378	525	5,263	3,987	7,531	282	765	820	0	0
U. Texas, Austin	5,655	13,704	20,171	8,397	10,287	188,884	136,006	91,945	23,059	55,546	0
U. Texas, Dallas	17,431	13,000	10,938	4,287	5,616	5,500	6,478	858	685	0	0
U. Texas, El Paso	3,363	34,162	9,000	5,600	1,500	3,147	345	639	0	0	0
U. Texas, San Antonio	407	1,562	1,245	4,070	2,376	1,689	1,752	330	0	685	0
U. Texas, Tyler	ne	0	0	0	0	0	1,499	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 2006–23**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
										Included in institutional plan	Not included in institutional plan
West Texas A&M U.	3,466	3,000	3,137	0	1,037	0	0	1,923	0	0	0
Private											
Abilene Christian U.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
Baylor C. of Medicine	10,375	560	5,998	4,250	17,060	2,006	6,252	5,300	4,600	0	0
Baylor U.	978	2,312	3,879	26,509	4,099	6,815	3,931	7,340	14,360	0	0
Rice U.	7,496	2,025	6,711	6,018	2,344	29,650	21,350	16,762	3,743	0	0
Southern Methodist U.	6,000	0	545	440	1,550	15,442	3,086	990	0	0	0
St. Edward's U.	ne	ne	ne	35,000	250	0	0	0	250	0	0
Texas Christian U.	3,000	5,300	4,800	3,300	0	4,720	250	0	0	0	0
Trinity U.	0	0	0	0	0	0	1,489	0	575	0	0
U. of the Incarnate Word	ne	ne	ne	ne	ne	ne	0	0	0	0	0
Utah											
Public											
U. Utah	7,297	24,296	18,280	26,429	56,213	75,365	64,609	58,105	40,714	0	58,138
Utah State U.	2,992	3,293	2,439	500	2,088	314	26,000	2,695	0	0	0
Private											
Brigham Young U., Provo	0	0	0	0	0	0	1,681	0	5,987	0	0
Vermont											
Public											
U. Vermont	2,034	5,070	7,920	5,584	253	507	0	3,324	19,168	30,000	0
Private											
Middlebury C.	ne	0	0	0	277	0	0	252	487	0	0
Virginia											
Public											
Christopher Newport U.	ne	ne	0	0	0	0	0	0	0	0	0
Eastern Virginia Medical School <sup>k</sup>	962	12,664	12,300	0	0	1,787	0	0	300	0	0
George Mason U.	600	310	0	0	1,500	0	0	0	0	25,000	0
James Madison U.	14,200	420	0	0	0	0	1,165	0	0	0	0
Norfolk State U.	0	0	0	0	0	300	0	0	0	0	0
Old Dominion U.	0	0	0	0	1,918	1,252	2,087	3,259	18,810	60,000	0
U. Virginia, Charlottesville <sup>l</sup>	10,615	1,615	43,189	26,042	17,544	26,233	137,950	30,391	52,590	0	0
Virginia Commonwealth U.	17,389	1,720	4,800	0	32,431	0	6,377	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 2006–23**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
										Included in institutional plan	Not included in institutional plan
Virginia Polytechnic Institute and State U.	0	0	1,150	22,277	2,448	10,436	5,791	11,750	2,035	50,493	0
Virginia State U.	0	0	17,097	1,599	771	1,539	688	0	500	0	5,044
William & Mary	5,545	4,126	0	0	7,709	996	1,369	704	0	0	0
Private											
Edward Via C. of Osteopathic Medicine	ne	ne	ne	0	600	1,610	0	0	0	0	0
Hampton U.	0	0	1,135	1,446	0	460	500	460	0	0	0
Liberty U.	ne	ne	ne	ne	ne	ne	0	0	0	0	0
U. Richmond	NA	NA	0	0	0	2,324	2,700	0	0	1,950	0
Washington											
Public											
Central Washington U.	8,000	0	0	0	0	0	0	0	0	640	0
Eastern Washington U.	0	0	0	0	0	0	0	58,699	57,799	0	0
Northwest Indian C.	ne	ne	0	0	0	ne	0	0	0	0	0
U. Washington, Bothell	na	na	ne	ne	ne	ne	0	0	0	0	0
U. Washington, Seattle	na	na	12,529	32,590	18,955	39,279	21,647	31,335	23,010	0	28,500
U. Washington, Tacoma	na	na	ne	ne	ne	6,250	0	0	0	0	0
Washington State U.	2,964	12,542	10,347	4,421	5,005	9,101	2,433	6,539	25,282	43,218	0
Western Washington U.	785	1,302	1,322	1,200	500	0	1,829	1,350	0	2,500	0
West Virginia											
Public											
Marshall U.	0	0	0	0	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
West Virginia State U.	0	0	507	616	1,430	1,342	4,498	2,827	4,650	1,000	0
West Virginia U.	6,329	8,365	10,134	4,584	7,150	4,089	25,789	5,707	0	0	0
Wisconsin											
Public											
U. Wisconsin-Eau Claire	500	930	0	0	ne	0	0	0	0	0	0
U. Wisconsin-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	0	0	0	0	0	0	0	0	1,250	0	0
U. Wisconsin-Madison	NA	32,258	5,017	4,299	0	1,566	4,314	19,773	15,450	45,592	0
U. Wisconsin-Milwaukee	0	4,950	15,271	850	2,100	850	0	22,559	0	113,860	0
U. Wisconsin-Oshkosh	0	0	0	0	0	0	0	860	0	593	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 2006–23**

(Costs in thousands of dollars)

State or territory, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Started in FY 2012 or FY 2013	Started in FY 2014 or FY 2015	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Started in FY 2020 or FY 2021	Planned to start in FY 2022 or FY 2023	Deferred projects	
										Included in institutional plan	Not included in institutional plan
U. Wisconsin-Stevens Point	NA	NA	0	0	0	0	0	0	0	0	0
U. Wisconsin-Superior	0	NA	0	0	ne	ne	0	0	0	0	0
Private											
Marquette U.	7,000	281	503	680	0	1,095	8,269	0	0	0	0
Medical C. Wisconsin	500	16,711	13,720	549	800	0	21,100	9,900	22,450	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Northland C.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
Wyoming											
Public											
U. Wyoming	1,550	803	8,688	1,677	1,337	12,550	7,405	4,912	5,750	7,500	48,040
American Samoa											
Public											
American Samoa Community C.	ne	ne	ne	ne	0	ne	0	0	0	0	0
Guam											
Public											
U. Guam	0	0	900	0	0	250	12,000	300	0	0	1,300
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	2,337	0	0	0	0
U. Puerto Rico, Mayaguez	0	0	0	0	0	1,569	250	0	3,000	250	0
U. Puerto Rico, Medical Sciences Campus	NA	356	1,242	2,475	0	0	0	0	1,000	0	0
U. Puerto Rico, Rio Piedras	0	720	0	1,150	0	0	0	0	0	0	0
Private											
Carlos Albizu U.	ne	ne	ne	ne	ne	ne	ne	0	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	2,000	3,482	4,414	4,414	0	0
U. Ana G. Mendez, Gurabo	ne	ne	5,725	ne	0	0	0	0	7,166	0	0
U. Central del Caribe	NA	1,000	0	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the Virgin Islands	0	299	704	900	354	0	0	2,736	609	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 2020, the institution was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. Beginning in FY 2020, affiliated institutions were surveyed separately; data for FY 2020 and beyond describe characteristics of a single institution.

<sup>b</sup> From FY 2010 through FY 2019, affiliated institutions were surveyed separately; data for those years describe characteristics of a single institution.

<sup>c</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>d</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>e</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>f</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>g</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>h</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 surveyed separately; data for FY 2016 and beyond describe characteristics of a single institution.

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

<sup>j</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.

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

<sup>l</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.

**Note(s):**

Deferred projects are those that (1) are not funded and (2) are not scheduled for FY 2022 or FY 2023.

**Source(s):**

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