



Science and Engineering Research Facilities: Fiscal Year 2011

Detailed Statistical Tables | NSF 13-309 | February 2013

Michael Gibbons,
Project Officer
Research and Development Statistics Program
(703) 292-4590

General Notes

The data in these tables are collected biennially through the National Science Foundation's (NSF's) congressionally mandated Survey of Science and Engineering Research Facilities.

The FY 2011 survey was sent to research-performing academic research institutions in the United States. For the purposes of this survey, research-performing academic institutions were defined as colleges and universities with \$1 million or more in research and development expenditures. Each academic institution's level of R&D expenditures was determined by the FY 2010 NSF Higher Education Research and Development Survey (HERD). Military institutions, U.S. Department of Veterans Affairs institutions, and federally funded research and development centers (FFRDCs) were not included in the survey. Previously, biomedical institutions that received support from the National Institutes of Health were surveyed. In FY 2011 nonprofit biomedical research institutions were no longer included.

These tables provide data on the amount of science and engineering research space existing at the 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.

The FY 2009 data related to new construction and source of funds for new construction shown in the FY 2011 tables have been revised to reflect updated information from the respondent institutions. See appendix A, "Technical Notes," for more information.

The tables also provide data on the characteristics of networking and computing capacity. These data focus on commodity and high-performance bandwidth, desktop port connections, high-performance computing, and wireless connections.

Data Tables

Table **S&E Research Facilities in Academic Institutions**

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by field

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- 18 by field and geographic region
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planned to start in FY 2012 or FY 2013
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- 27 by state, control, institution, and field
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TABLE 1. Science and engineering research space in academic institutions, by field: FY 2007–11
(Net assignable square feet in millions)

Field	FY 2007	FY 2009	FY 2011
All research space	187.9	196.1	202.9
Agricultural and natural resources sciences	27.9	29.5	27.6
Biological and biomedical sciences	44.8	50.3	54.3
Computer and information sciences	4.8	5.2	5.0
Engineering	28.4	30.2	31.7
Health and clinical sciences	37.0	36.3	36.7
Mathematics and statistics	1.6	1.5	1.6
Physical sciences			
Earth, atmospheric, and ocean sciences	8.4	8.0	7.8
Astronomy, chemistry, and physics	20.3	20.5	21.8
Psychology	4.9	5.2	5.5
Social sciences	6.0	5.5	5.7
Other	3.7	3.9	5.2
Research animal space	17.8	18.1	18.5

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals.

SOURCE: National Science Foundation/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 and type of institution: FY 2011
(Net assignable square feet in millions)

Field	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
All research space	202.9	194.6	8.2	149.6	53.3
Agricultural and natural resources sciences	27.6	26.7	0.9	26.5	1.1
Biological and biomedical sciences	54.3	52.1	2.2	35.6	18.7
Computer and information sciences	5.0	4.7	0.3	3.5	1.5
Engineering	31.7	30.9	0.8	24.5	7.2
Health and clinical sciences	36.7	36.3	0.4	25.6	11.1
Mathematics and statistics	1.6	1.3	0.2	1.0	0.5
Physical sciences					
Earth, atmospheric, and ocean sciences	7.8	7.3	0.4	6.3	1.5
Astronomy, chemistry, and physics	21.8	20.2	1.6	15.1	6.7
Psychology	5.5	5.0	0.5	3.9	1.6
Social sciences	5.7	5.2	0.5	4.2	1.5
Other	5.2	4.9	0.2	3.3	1.8
Research animal space	18.5	17.9	0.6	14.1	4.4

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 3. Condition of science and engineering research space in academic institutions, by field: FY 2011

Field	NASF (millions) ^a	Condition (% NASF)			
		Superior	Satisfactory	Requires renovations	Requires replacement
All research space	200.9	36	45	16	4
Agricultural and natural resources sciences	27.6	23	54	20	4
Biological and biomedical sciences	53.7	39	42	15	4
Computer and information sciences	4.9	49	42	8	2
Engineering	31.5	35	45	16	4
Health and clinical sciences	36.2	42	42	13	3
Mathematics and statistics	1.6	32	54	12	2
Physical sciences					
Earth, atmospheric, and ocean sciences	7.6	32	44	20	5
Astronomy, chemistry, and physics	21.7	33	44	18	4
Psychology	5.4	34	47	16	3
Social sciences	5.7	31	50	17	2
Other	5.0	51	36	9	4

NASF = net assignable square feet.

^aNASF is amount of NASF located at only those institutions that also rated condition of their space. Consequently, table accounts for approximately 2 million fewer NASF than other tables.

NOTES: Details may not add to totals due to rounding. Condition was assessed relative to current research program.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 4. Science and engineering research space in academic institutions, by type of institution, geographic region, and EPSCoR status: FY 2011

(Net assignable square feet in millions)

Type of institution	United States	Region				EPSCoR eligible states
		Midwest	Northeast	South	West	
All institutions	202.9	46.2	41.4	70.5	43.6	43.7
Doctorate granting	194.6	44.4	38.8	68.9	41.4	42.3
Nondoctorate granting	8.2	1.8	2.6	1.6	2.2	1.4
Public	149.6	37.5	16.4	56.5	38.0	39.3
Private	53.3	8.7	25.0	14.0	5.6	4.3
Medical schools	48.3	10.3	12.4	16.3	9.2	7.4

EPSCoR = Experimental Program to Stimulate Competitive Research.

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics and other appropriate table columns but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 5. Science and engineering research space in academic institutions, by field, geographic region, and EPSCoR status: FY 2011
(Net assignable square feet in millions)

Field	United States	Region				EPSCoR eligible states
		Midwest	Northeast	South	West	
All research space	202.9	46.2	41.4	70.5	43.6	43.7
Agricultural and natural resources sciences	27.6	8.0	2.9	11.3	5.0	10.2
Biological and biomedical sciences	54.3	11.5	12.9	19.3	10.1	10.1
Computer and information sciences	5.0	1.6	1.2	1.4	0.8	0.8
Engineering	31.7	6.9	6.3	12.1	6.4	7.1
Health and clinical sciences	36.7	8.6	7.0	12.3	8.8	6.7
Mathematics and statistics	1.6	0.4	0.4	0.5	0.3	0.3
Physical sciences						
Earth, atmospheric, and ocean sciences	7.8	1.3	1.5	2.5	2.4	2.2
Astronomy, chemistry, and physics	21.8	4.7	5.4	6.1	5.5	4.0
Psychology	5.5	1.5	1.4	1.6	1.0	0.9
Social sciences	5.7	1.3	1.5	1.3	1.5	0.9
Other	5.2	0.5	0.8	2.1	1.7	0.5
Research animal space	18.5	4.8	3.1	7.5	2.9	4.6

EPSCoR = Experimental Program to Stimulate Competitive Research.

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics and other appropriate table columns but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	104	70	7	1	20	0	1	5	0	0	0
AL State U.	147	0	70	2	0	29	35	11	0	0	0
Auburn U. main campus	443	157	28	0	150	60	*	44	2	1	0
U. AL Birmingham, The	953	0	317	1	28	571	2	18	9	6	1
U. AL Huntsville, The	260	1	15	22	120	13	5	83	1	0	0
U. AL Tuscaloosa, The	192	0	33	7	72	0	0	62	8	10	0
U. South AL	185	1	99	2	16	37	*	6	6	18	0
Private											
Tuskegee U.	309	96	28	13	153	19	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	336	130	89	2	31	0	0	80	1	3	0
U. AK Southeast	11	*	6	0	0	0	0	4	*	1	0
Arizona											
Public											
AZ State U.	848	3	276	2	272	39	*	153	33	49	20
Northern AZ U.	171	30	75	*	8	3	1	41	2	7	4
U. AZ	1,748	546	109	15	110	323	6	446	20	22	150
Arkansas											
Public											
AR State U. main campus	60	4	11	0	3	2	0	15	0	0	25
U. AR for Medical Sciences	193	0	91	0	0	102	0	0	0	0	0
U. AR Little Rock	102	0	14	14	55	0	0	13	5	0	0
U. AR main campus	1,035	394	123	34	232	10	6	167	24	44	0
U. AR Pine Bluff	28	21	3	*	0	0	0	4	0	1	0
U. Central AR	76	0	19	3	0	9	2	38	3	2	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	173	27	32	20	66	2	1	5	1	2	17
CA State Polytechnic U., Pomona	27	5	13	*	6	0	0	2	1	*	0
CA State U., Bakersfield	24	3	7	4	1	1	2	4	2	1	0
CA State U., Chico	210	177	11	4	5	2	0	6	1	4	*

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	9	0	4	1	0	0	0	3	1	1	0
CA State U., East Bay	8	*	4	0	0	0	0	4	0	0	0
CA State U., Fresno	53	12	16	*	5	1	0	9	6	3	0
CA State U., Fullerton	138	0	24	17	44	8	6	26	2	12	0
CA State U., Long Beach	90	0	19	4	34	3	2	20	7	2	0
CA State U., Los Angeles	69	1	17	1	3	3	1	36	5	3	0
CA State U., Monterey Bay	13	2	3	1	0	*	*	2	*	*	2
CA State U., Northridge	71	0	19	4	18	6	2	14	5	4	0
CA State U., Sacramento	11	1	2	2	2	2	*	1	1	1	1
CA State U., San Bernardino	56	3	15	7	0	1	6	14	7	2	0
Humboldt State U.	69	23	22	1	8	2	1	7	4	2	0
San Diego State U.	317	0	106	3	10	72	8	39	45	32	4
San Francisco State U.	88	0	54	*	1	1	1	26	2	3	0
San Jose State U.	155	0	34	1	95	12	1	6	*	5	0
U. CA, Berkeley	2,535	50	799	35	619	129	40	456	88	297	22
U. CA, Davis	2,927	728	854	34	294	533	14	244	36	79	111
U. CA, Irvine	1,546	0	475	69	267	331	16	265	45	77	0
U. CA, Los Angeles	2,632	0	456	37	251	982	35	440	81	137	214
U. CA, Merced	121	14	50	3	37	0	*	6	2	5	4
U. CA, Riverside	963	276	243	0	142	21	14	177	42	33	15
U. CA, San Diego	2,421	0	298	56	417	775	21	563	54	103	136
U. CA, San Francisco	1,974	0	381	0	0	1,384	0	0	0	16	193
U. CA, Santa Barbara	821	0	153	19	200	2	7	269	33	84	54
U. CA, Santa Cruz	581	0	84	15	93	0	9	288	22	50	21
Private											
CA Institute of Technology	684	0	187	18	178	0	3	297	0	0	0
Chapman U.	18	1	7	1	0	*	*	2	*	4	1
Charles R. Drew U. of Medicine and Science	103	10	22	0	0	19	0	0	0	0	52
Claremont Graduate U.	15	0	0	3	0	9	*	0	2	1	0
Claremont McKenna C.	32	1	7	*	0	0	1	7	9	6	1
Harvey Mudd C.	55	0	7	2	17	0	2	27	0	0	0
Loma Linda U.	58	0	38	0	*	21	0	0	0	0	0
Loyola Marymount U.	93	2	23	3	30	3	5	25	3	0	0
Occidental C.	161	0	48	0	0	1	10	69	2	31	0
Pomona C.	261	0	60	10	0	0	22	92	30	47	0
Santa Clara U.	53	1	11	*	19	0	1	10	3	8	0
Scripps Research Institute, The	635	0	486	0	0	0	0	149	0	0	0
Stanford U.	1,519	22	303	34	294	536	11	282	17	20	0
U. Redlands	12	0	5	1	0	0	*	6	0	0	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	45	0	12	1	4	2	2	16	5	3	0
U. San Francisco	29	2	7	2	0	7	0	3	8	0	0
U. Southern CA	1,077	0	217	117	156	251	*	128	28	22	160
U. of the Pacific	79	0	27	2	11	8	2	23	2	3	0
Western U. of Health Sciences	39	0	23	*	0	16	0	0	0	0	0
Colorado											
Public											
CO School of Mines	156	16	6	0	60	0	4	70	0	0	0
CO State U.	937	172	147	3	197	118	7	167	12	9	105
Mesa State C.	20	0	3	0	0	*	0	16	0	1	0
U. CO Boulder	937	0	251	*	208	28	4	315	51	58	21
U. CO Colorado Springs	112	0	24	9	30	11	0	28	4	7	0
U. CO Denver and Anschutz Medical Campus	755	0	160	0	6	579	1	1	3	*	5
U. Northern CO	40	1	10	0	0	15	*	12	*	1	0
Private											
U. Denver	70	0	13	1	18	0	*	18	13	1	6
Connecticut											
Public											
U. CT	899	104	369	7	104	169	4	93	28	21	0
Private											
Trinity C. (Hartford, CT)	53	5	5	5	5	0	3	15	5	10	0
U. Hartford	6	0	1	0	5	0	0	0	0	0	0
Wesleyan U.	86	10	24	2	0	0	1	36	6	6	0
Yale U.	2,079	43	207	17	98	1,232	14	257	54	77	79
Delaware											
Public											
DE State U.	209	28	25	8	119	8	3	8	5	5	0
U. DE	467	108	20	7	156	25	1	98	10	26	17
District of Columbia											
Public											
U. DC	37	18	4	1	6	1	1	4	*	2	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
American U.	111	4	8	2	0	1	6	21	11	56	1
Gallaudet U.	18	0	1	*	*	4	0	*	3	6	3
George Washington U.	384	0	181	9	46	120	0	15	6	6	0
Georgetown U.	425	0	264	5	6	91	*	46	5	7	0
Howard U.	430	0	124	10	40	161	8	24	16	46	0
Florida											
Public											
FL A&M U.	361	46	37	26	60	135	7	36	4	10	0
FL Atlantic U.	450	31	63	14	45	15	6	34	11	9	221
FL Gulf Coast U.	22	11	5	1	4	0	0	0	*	0	0
FL International U.	167	16	32	9	53	10	0	25	14	8	0
FL State U.	511	0	96	1	67	3	1	286	26	31	0
U. Central FL	246	6	125	3	73	*	10	14	13	2	0
U. FL	3,038	986	589	*	507	616	13	247	43	37	0
U. North FL	150	58	11	1	16	6	10	30	9	8	0
U. South FL	775	0	50	11	92	372	*	177	29	44	0
U. West FL	33	10	8	*	0	1	0	3	3	8	0
Private											
Embry-Riddle Aeronautical U.	5	0	0	1	3	0	1	0	*	0	0
FL Institute of Technology	211	0	38	15	65	0	2	70	22	0	0
Nova Southeastern U.	80	0	0	0	0	49	0	26	5	0	0
U. Miami	454	28	96	*	12	210	1	79	25	2	0
Georgia											
Public											
Ft. Valley State U.	76	76	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	236	0	195	0	0	41	0	0	0	0	0
GA Institute of Technology	1,706	0	91	102	1,294	26	*	134	24	7	27
GA Southern U.	47	*	19	2	5	3	*	13	5	*	0
GA State U.	214	0	118	2	0	2	0	75	13	3	0
Kennesaw State U.	29	0	6	1	0	15	0	5	0	2	0
Savannah State U.	29	4	4	5	6	0	1	10	0	0	0
U. GA	3,526	1,987	485	2	118	388	*	219	38	13	276
U. West GA	31	0	7	0	0	1	0	15	*	7	0
Private											
Agnes Scott C.	20	1	10	0	0	0	0	7	2	0	0
Clark Atlanta U.	132	4	58	11	0	0	6	51	1	3	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Emory U.	1,332	0	486	0	15	529	20	100	134	48	0
Mercer U.	117	0	0	0	93	23	0	0	*	0	0
Morehouse C.	43	3	12	3	1	4	4	7	7	2	3
Morehouse School of Medicine	85	0	68	0	0	16	0	0	2	0	0
Spelman C.	64	1	16	5	1	0	6	34	1	0	0
Hawaii											
Public											
U. HI Hilo	74	50	3	*	1	9	0	8	1	2	0
U. HI Manoa	701	112	72	6	100	81	*	322	2	7	0
Idaho											
Public											
Boise State U.	131	0	22	*	58	7	4	35	2	2	0
ID State U.	333	0	30	0	14	25	*	39	4	14	206
U. ID	481	224	145	8	55	*	*	42	*	7	0
Illinois											
Public											
Chicago State U.	144	132	4	4	0	0	0	0	1	3	0
Governors State U.	3	1	*	*	0	*	0	1	0	0	0
IL State U.	54	11	23	1	0	4	3	5	2	4	0
Northern IL U.	123	0	32	4	11	4	1	49	18	4	0
Southern IL U. Carbondale	328	129	70	*	39	42	*	29	10	4	5
Southern IL U. Edwardsville	107	19	13	1	35	14	*	18	4	3	1
U. IL Chicago	877	0	319	17	89	322	7	84	17	*	22
U. IL Springfield	5	2	2	0	0	0	0	*	0	0	0
U. IL Urbana-Champaign	4,631	584	872	1,131	941	41	23	700	154	187	0
Western IL U.	86	5	10	1	1	3	0	37	26	3	0
Private											
Bradley U.	47	0	9	5	16	6	0	9	2	*	*
DePaul U.	83	18	17	10	0	0	0	30	7	1	0
IL Institute of Technology	99	0	9	9	58	0	1	19	3	0	0
Loyola U. Chicago	253	1	111	6	0	11	6	47	17	16	37
Midwestern U. (Downers Grove, IL)	105	0	81	0	0	23	0	0	0	0	0
Northwestern U.	827	0	209	0	180	274	3	127	14	3	17
Rosalind Franklin U. of Medicine and Science	399	0	384	0	0	15	0	0	0	0	0
Rush U.	209	0	103	0	0	91	0	0	5	0	9
U. Chicago	1,291	0	539	6	0	423	5	221	36	51	9

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	91	6	25	4	0	12	2	16	5	15	5
IN State U.	89	0	30	5	4	11	5	16	13	4	0
IN U. Bloomington	592	0	172	11	0	24	13	230	95	46	0
IN U. South Bend	4	0	3	0	0	0	*	1	*	0	0
IN U.-Purdue U. Ft. Wayne	62	5	14	*	8	9	3	14	3	6	0
IN U.-Purdue U. Indianapolis	796	0	106	7	9	640	3	25	1	6	0
Purdue U. Calumet	24	*	5	1	13	0	*	3	*	2	0
Purdue U. West Lafayette	1,083	211	189	36	286	100	5	144	17	8	87
Private											
Rose-Hulman Institute of Technology	12	0	2	*	9	0	0	1	0	0	0
U. of Notre Dame	418	0	180	3	151	0	14	56	10	4	0
Iowa											
Public											
IA State U.	1,530	1,010	216	8	181	10	7	84	1	14	0
U. IA	660	0	207	1	107	229	2	92	18	3	1
U. Northern IA	47	0	22	1	0	0	0	18	2	3	1
Private											
Grinnell C.	82	8	18	5	0	0	2	19	10	8	13
Palmer C. of Chiropractic	12	2	7	*	0	3	*	0	0	0	0
Kansas											
Public											
KS State U.	1,158	266	242	18	307	84	18	165	22	35	0
Pittsburg State U.	38	1	23	0	3	0	0	5	5	0	0
U. KS	734	17	290	18	81	213	2	109	1	3	0
Wichita State U.	273	0	17	0	204	8	0	33	5	6	0
Kentucky											
Public											
Eastern KY U.	7	1	4	*	0	0	0	1	0	0	0
KY State U.	62	49	13	0	0	0	0	0	0	0	0
Morehead State U.	33	0	7	0	9	1	0	2	6	8	0
Murray State U.	134	44	27	8	12	19	2	14	3	3	0
Northern KY U.	21	0	11	1	0	0	*	7	2	0	0
U. KY	2,230	769	462	12	286	468	3	172	19	39	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	600	0	140	0	51	323	0	54	28	3	0
Western KY U.	125	5	15	12	27	4	7	50	4	0	0
Louisiana											
Public											
LA State U. and A&M C.	1,190	466	158	8	211	75	3	224	12	11	23
LA State U. Health Sciences Ctr. New Orleans	175	0	108	0	0	67	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	94	0	70	1	0	19	0	0	4	0	0
LA State U. Shreveport	30	2	6	5	1	0	2	6	4	4	0
LA Tech U.	182	13	15	10	108	5	5	21	*	5	0
McNeese State U.	43	35	4	0	1	0	0	4	1	0	0
Nicholls State U.	63	32	16	1	1	0	0	7	5	0	0
Northwestern State U.	19	0	10	0	3	2	1	0	1	3	0
Southeastern LA U.	49	0	29	2	0	3	1	6	*	8	0
Southern U. and A&M C. Baton Rouge	178	18	20	23	65	2	6	26	2	15	0
U. LA Lafayette	750	62	547	21	71	5	4	32	0	5	4
U. LA Monroe	76	0	18	*	0	48	*	7	1	2	0
U. New Orleans	103	0	12	3	28	0	1	51	5	4	*
Private											
Dillard U.	45	0	20	9	5	0	1	8	1	1	0
Tulane U.	502	0	222	0	25	194	2	34	12	1	12
Xavier U. LA	61	0	11	1	0	36	1	12	1	0	0
Maine											
Public											
U. ME	626	262	92	8	187	2	*	54	17	4	0
U. Southern ME	49	5	16	8	3	2	*	8	*	5	0
Private											
Bates C.	30	0	11	0	0	0	*	14	*	1	4
Colby C.	57	1	24	2	0	0	0	24	3	2	0
U. New England	74	3	30	1	0	16	1	6	1	2	14
Maryland											
Public											
Morgan State U.	191	3	49	3	37	0	3	47	7	43	0
Towson U.	70	0	21	5	0	3	1	9	16	15	0
U. Baltimore	7	0	0	1	0	0	0	0	1	4	0
U. MD, Baltimore	638	0	198	0	0	438	0	0	0	2	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	258	3	42	24	65	1	4	72	16	22	10
U. MD Ctr. for Environmental Science	317	0	0	0	0	0	0	317	0	0	0
U. MD, College Park	770	140	187	30	131	26	13	197	15	31	0
U. MD, Eastern Shore	209	199	8	0	1	1	1	0	0	0	0
Private											
Johns Hopkins U., The	3,144	0	574	245	1,074	243	18	113	22	11	844
Massachusetts											
Public											
U. MA Amherst	667	151	99	38	173	28	4	120	45	11	0
U. MA Boston	142	0	47	3	3	7	0	32	12	27	11
U. MA Dartmouth	116	0	14	4	33	1	2	55	4	4	0
U. MA Lowell	207	0	8	6	70	24	*	93	*	4	0
U. MA Worcester	536	0	321	0	0	214	0	0	0	0	0
Private											
Amherst C.	51	0	16	2	0	0	2	22	3	6	0
Boston C.	117	0	38	*	0	1	*	56	6	16	0
Boston U.	871	0	363	8	92	212	6	150	34	6	0
Brandeis U.	308	0	124	11	0	0	10	79	23	60	0
Clark U.	43	0	17	0	0	0	2	5	9	10	0
C. of the Holy Cross	137	0	19	0	0	0	5	101	5	7	0
Harvard U.	2,334	24	1,236	17	142	54	49	504	58	248	*
MA Institute of Technology	2,070	0	330	148	757	0	9	601	0	19	205
Mt. Holyoke C.	39	0	10	1	0	0	1	16	11	0	0
New England C. of Optometry	7	0	3	0	0	4	0	0	0	0	0
Northeastern U.	296	0	62	8	111	44	1	46	20	4	0
Smith C.	72	0	16	1	3	0	1	37	11	3	0
Tufts U.	464	0	184	8	58	94	1	48	15	1	54
Wellesley C.	45	0	14	3	0	0	3	21	3	0	*
Williams C.	143	0	32	8	0	0	10	81	12	0	0
Woods Hole Oceanographic Institution	293	0	60	4	72	0	0	157	0	0	0
Worcester Polytechnic Institute	103	0	21	3	65	0	3	7	2	0	2
Michigan											
Public											
Eastern MI U.	35	1	10	1	7	3	1	10	1	2	0
Grand Valley State U.	39	0	4	2	1	9	*	23	*	0	0
MI State U.	2,274	1,032	456	10	202	232	11	266	25	40	0
MI Technological U.	355	39	19	4	226	3	2	36	3	6	17

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	57	0	13	2	14	*	*	20	1	0	7
U. MI-Ann Arbor	1,793	27	376	3	437	601	5	212	38	95	0
U. MI-Dearborn	32	0	8	*	12	0	0	12	0	0	0
Wayne State U.	702	0	171	18	98	265	5	111	14	19	0
Western MI U.	83	0	9	2	31	1	3	33	1	3	0
Private											
Calvin C.	36	0	5	1	16	*	*	7	2	2	3
Hope C.	96	0	21	2	7	7	3	24	8	0	25
Kettering U.	30	0	9	0	3	0	0	12	0	0	5
Lawrence Technological U.	48	0	0	0	48	0	0	0	0	0	0
U. Detroit Mercy	9	0	*	0	6	1	0	2	*	0	0
Minnesota											
Public											
MN State U. Mankato	7	0	0	0	6	0	*	0	1	*	0
St. Cloud State U.	50	12	8	4	3	1	4	5	4	9	0
U. MN, Duluth	196	144	14	0	6	0	*	22	1	2	8
U. MN, Twin Cities	3,531	1,475	475	3	269	710	53	288	87	83	87
Private											
Carleton C.	61	1	20	3	0	0	7	10	12	7	0
Macalester C.	101	0	19	5	0	0	3	52	12	7	3
Mayo Medical School C. of Medicine	714	0	621	3	22	35	30	0	2	0	0
Northwestern Health Sciences U.	15	0	0	0	0	15	0	0	0	0	0
St. Olaf C.	16	0	5	2	0	0	1	6	3	0	0
Mississippi											
Public											
Alcorn State U.	37	7	7	7	8	0	2	6	0	0	0
Jackson State U.	48	0	12	1	6	0	10	17	1	*	0
MS State U.	2,152	1,072	97	11	530	216	12	116	23	75	0
U. MS and U. MS Medical Ctr.	267	0	142	*	26	30	0	48	17	3	0
U. Southern MS	153	10	19	6	5	3	5	94	3	9	0
Private											
Tougaloo C.	3	0	1	1	0	1	0	0	0	0	0
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	73	67	3	0	0	0	0	2	0	0	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
MO State U.	85	27	22	*	9	6	1	9	7	4	0
MO U. of Science and Technology	219	0	8	3	157	0	0	45	0	0	6
U. MO-Columbia	1,210	425	188	11	128	330	5	69	22	30	0
U. MO-Kansas City	615	0	65	23	32	375	3	67	17	13	20
U. MO-St. Louis	472	0	62	52	0	43	17	64	52	183	0
Private											
A. T. Still U. of Health Sciences	32	0	26	0	0	6	0	0	0	0	0
St. Louis U.	299	0	162	2	8	100	*	19	7	*	0
Washington U. St. Louis	1,257	0	388	*	84	651	0	95	20	19	0
Montana											
Public											
MT State U. Bozeman	293	153	19	2	49	1	1	66	0	4	0
MT Tech of the U. MT	26	0	6	0	15	0	0	5	0	0	0
U. MT, The	309	63	98	2	0	75	3	47	2	6	13
Nebraska											
Public											
U. NE Lincoln	2,224	1,262	295	17	207	150	7	234	31	20	0
U. NE Medical Ctr.	548	0	219	0	0	329	0	0	0	0	0
U. NE Omaha	51	0	15	7	11	0	0	5	7	2	4
Private											
Creighton U.	482	0	72	9	0	360	9	9	16	7	0
Nevada											
Public											
Desert Research Institute	131	6	22	12	3	*	0	86	0	3	0
U. NV, Las Vegas	193	4	44	2	43	18	*	51	9	9	13
U. NV, Reno	832	135	141	4	108	154	0	221	27	28	13
New Hampshire											
Public											
Plymouth State U.	20	2	11	2	0	1	0	2	2	0	0
U. NH	281	28	41	2	71	51	1	35	51	0	0
Private											
Dartmouth C.	558	0	224	19	27	91	16	97	32	53	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
New Jersey											
Public											
Montclair State U.	61	0	21	4	0	2	5	18	8	3	0
NJ Institute of Technology	106	0	13	8	59	0	1	26	0	*	0
Rowan U.	44	1	7	2	28	0	0	6	*	0	0
Rutgers, the State U. NJ-Camden	67	1	20	8	1	5	3	18	10	2	3
Rutgers, the State U. NJ-New Brunswick	1,107	443	184	44	139	90	9	144	30	23	0
Rutgers, the State U. NJ-Newark	94	0	50	0	0	1	0	32	11	0	0
U. of Medicine and Dentistry NJ	788	0	763	0	0	25	0	0	0	0	0
Private											
Monmouth U.	15	1	3	1	1	0	*	1	1	0	7
Princeton U.	554	0	140	15	140	0	11	191	26	31	0
Seton Hall U.	35	0	11	*	0	0	*	17	5	2	0
Stevens Institute of Technology	337	0	5	10	230	0	12	80	0	0	0
New Mexico											
Public											
NM Highlands U.	4	1	1	*	0	0	0	2	*	1	0
NM Institute of Mining and Technology	138	0	4	5	54	0	*	74	0	0	0
NM State U.	450	167	62	4	111	2	3	93	5	2	0
U. NM	503	0	115	*	64	212	1	86	22	3	0
New York											
Public											
CUNY, Baruch C.	139	3	11	24	0	2	11	18	12	56	2
CUNY, Brooklyn C.	58	2	13	7	0	1	*	21	10	4	0
CUNY, City C.	742	31	126	23	202	64	18	155	27	56	40
CUNY, C. Staten Island	39	2	6	2	2	4	3	15	1	1	4
CUNY, Graduate Ctr.	41	0	1	4	0	1	4	2	9	5	15
CUNY, Herbert H. Lehman C.	5	2	1	*	0	*	*	1	1	*	0
CUNY, Hunter C.	182	0	50	4	0	1	10	43	37	38	0
CUNY, John Jay C. of Criminal Justice	12	1	1	0	0	0	0	2	5	2	0
CUNY, Queens C.	134	0	25	7	0	10	2	58	17	17	0
SUNY, Albany	637	0	62	4	259	13	*	69	19	75	136
SUNY, Binghamton	156	0	22	7	54	1	*	28	33	7	4
SUNY, Buffalo	865	0	194	28	156	318	1	97	23	24	24
SUNY, C. Buffalo	16	9	3	0	0	2	0	*	*	*	1
SUNY, C. Geneseo	41	4	17	3	0	0	0	13	4	0	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. of Agriculture and Technology Cobleskill	5	5	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	189	20	56	0	76	0	0	33	0	4	0
SUNY, C. of Optometry	21	0	0	0	0	1	0	0	0	0	21
SUNY, C. Plattsburgh	15	0	2	1	0	4	0	8	0	*	0
SUNY, Health Science Ctr. Brooklyn	291	0	173	0	0	119	0	0	0	0	0
SUNY, Stony Brook	951	0	243	55	97	174	15	302	43	14	8
SUNY, Upstate Medical U.	255	0	247	0	0	8	0	0	0	0	0
Private											
Albany C. of Pharmacy	20	0	16	0	0	2	0	2	0	0	0
Albany Medical C.	118	0	99	0	0	19	0	0	0	0	0
Alfred U.	28	0	0	0	28	0	0	0	0	0	0
Barnard C.	17	1	9	0	0	0	0	1	6	*	0
Clarkson U.	119	0	8	1	81	2	2	24	2	0	0
Colgate U.	103	0	22	4	0	0	3	42	13	13	6
Columbia U. in the City of New York	1,765	0	466	34	169	506	22	420	35	112	0
Cornell U.	2,071	582	730	22	185	231	2	275	12	22	12
Fordham U.	81	21	27	4	0	0	2	13	6	7	0
Hamilton C.	67	0	22	2	0	0	0	26	9	8	0
Hobart and William Smith Colleges	26	*	10	*	0	0	*	11	3	1	0
Hofstra U.	28	1	3	*	3	4	0	11	2	1	2
Ithaca C.	60	0	12	3	0	13	2	25	4	1	0
Mt. Sinai School of Medicine	503	0	503	0	0	0	0	0	0	0	0
New School, The	14	0	0	1	0	0	0	0	4	8	0
NY Institute of Technology	15	0	11	1	4	*	0	0	0	0	0
NY Medical C.	135	0	114	0	0	20	0	0	0	0	0
NY U.	584	0	46	15	0	452	15	33	17	5	0
Pace U.	15	1	5	1	0	7	0	0	2	0	0
Polytechnic U.	47	0	2	7	14	0	0	25	0	0	0
Rensselaer Polytechnic Institute	234	0	2	2	191	0	2	23	3	1	9
Rochester Institute of Technology	165	0	12	6	84	*	*	21	2	1	38
Rockefeller U., The	425	0	377	0	0	26	0	22	0	0	0
Siena C.	4	0	2	0	0	0	0	2	0	0	0
Skidmore C.	75	0	27	1	0	7	3	24	5	5	1
St. John's U. (Jamaica, NY)	71	0	15	0	0	40	0	12	5	*	0
Syracuse U.	212	0	40	4	63	3	1	72	17	6	5
Teachers C. Columbia U.	51	0	0	0	0	8	0	0	12	13	18
Union C. (Schenectady, NY)	118	2	23	4	34	0	3	41	5	5	2

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Rochester	1,009	0	350	7	53	332	1	226	39	2	0
Vassar C.	34	0	20	1	0	0	1	7	4	*	1
Yeshiva U.	636	0	278	*	0	295	1	7	5	1	50
North Carolina											
Public											
Appalachian State U.	10	0	1	*	0	0	0	7	0	2	0
East Carolina U.	195	0	88	1	1	62	0	36	3	4	0
Elizabeth City State U.	23	1	5	3	8	0	1	7	*	0	0
Fayetteville State U.	12	0	7	0	0	0	0	2	2	0	0
NC Agricultural and Technical State U.	196	54	6	4	125	0	0	8	0	0	0
NC Central U.	89	1	45	2	0	30	*	11	0	0	0
NC State U.	2,636	1,254	402	51	555	151	27	171	12	12	0
U. NC Asheville	16	2	6	0	0	0	0	7	1	0	0
U. NC Chapel Hill	1,223	0	305	27	38	583	6	192	24	48	0
U. NC Charlotte	217	0	38	13	59	3	0	81	11	13	0
U. NC Greensboro	126	0	36	2	0	28	*	17	16	5	20
U. NC Wilmington	110	0	80	2	0	*	*	13	11	4	0
Private											
Davidson C.	32	0	11	0	0	0	3	11	7	1	0
Duke U.	1,191	0	377	9	80	534	7	135	37	12	0
Shaw U.	55	0	2	1	1	47	1	2	0	0	0
Wake Forest U.	1,476	3	896	2	12	491	4	12	26	5	24
North Dakota											
Public											
ND State U.	631	299	66	10	105	33	8	56	29	23	1
U. ND	234	0	79	4	44	18	2	41	20	25	0
Ohio											
Public											
Bowling Green State U.	161	2	42	3	29	5	7	44	19	10	0
Central State U.	56	5	5	2	35	0	*	5	1	2	0
Cleveland State U.	70	2	19	0	23	1	*	21	2	2	0
Kent State U.	106	0	7	7	10	15	1	43	22	0	0
Miami U.	179	5	85	1	7	2	0	49	25	4	0
Northeast OH Medical U.	120	0	120	0	0	0	0	0	0	0	0
OH State U.	1,447	51	243	14	243	642	9	201	30	14	0
OH U.	239	15	79	1	66	9	*	42	11	17	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Akron	221	0	46	1	122	0	0	46	4	1	0
U. Cincinnati	791	0	307	2	135	222	2	90	14	15	3
U. Toledo	469	38	138	0	91	93	4	78	17	9	0
Wright State U.	145	0	45	10	23	42	0	15	7	3	0
Youngstown State U.	100	2	19	4	17	4	5	36	6	8	0
Private											
Case Western Reserve U.	582	35	170	0	141	172	1	58	3	3	0
Oberlin C.	195	0	85	2	0	0	3	71	22	13	0
U. Dayton	245	0	6	0	236	0	*	2	0	0	*
Oklahoma											
Public											
Langston U.	47	33	5	*	2	0	2	4	0	0	0
OK State U. Ctr. for Health Sciences	57	0	46	0	0	1	0	0	0	10	0
OK State U. Stillwater	525	152	95	3	131	43	*	81	8	1	12
U. Central OK	14	0	6	1	2	1	1	1	1	2	0
U. OK	1,374	109	312	11	161	229	0	471	28	47	7
Private											
U. Tulsa	125	2	15	10	66	2	2	12	16	1	0
Oregon											
Public											
OR Health & Science U.	790	0	222	0	53	515	0	0	0	0	0
OR State U.	1,022	442	190	19	242	36	1	80	4	7	0
Portland State U.	211	12	41	11	51	5	*	67	4	18	2
U. OR	349	3	140	9	6	18	1	106	44	22	0
Private											
Lewis & Clark C.	16	0	7	*	0	0	*	6	3	0	0
Pacific U.	10	1	4	0	0	5	0	*	0	0	0
Reed C.	44	0	18	0	0	0	0	19	7	0	0
Willamette U.	66	4	20	3	0	3	3	21	4	8	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	30	0	11	6	0	2	0	11	0	0	0
PA State U. Erie, The Behrend C.	150	0	7	1	121	2	1	4	3	12	0
PA State U. Harrisburg	40	6	8	3	15	2	0	2	4	0	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
PA State U. University Park and Hershey Medical Ctr.	2,929	896	609	37	755	227	9	286	55	55	0
Temple U.	457	1	262	4	19	44	1	61	36	19	10
U. Pittsburgh main campus	1,467	0	487	16	163	586	9	149	35	22	0
West Chester U. PA	58	1	14	2	0	5	12	18	3	5	0
Private											
Bryn Mawr C.	51	0	11	2	0	0	2	23	5	9	0
Bucknell U.	11	0	5	0	3	0	0	3	0	0	0
Carnegie Mellon U.	665	21	63	303	181	0	7	57	27	6	0
Dickinson C.	32	0	10	3	0	0	1	8	3	3	4
Drexel U.	379	0	106	19	127	81	4	37	4	1	0
Duquesne U.	375	0	76	5	0	128	5	97	15	50	0
Franklin & Marshall C.	154	0	45	4	0	0	5	65	15	20	0
Haverford C.	51	0	21	3	0	0	3	18	4	3	0
Lafayette C.	97	0	13	3	29	0	4	9	15	17	7
Lehigh U.	212	0	27	*	131	0	0	46	7	*	0
Mercyhurst C.	26	2	6	1	0	1	1	6	0	9	0
Philadelphia C. of Osteopathic Medicine	19	0	12	0	0	4	0	0	3	0	0
Philadelphia U.	15	*	2	0	12	0	0	1	0	0	0
Salus U.	14	0	10	0	0	3	0	0	0	0	0
St. Francis U.	4	0	1	*	0	1	0	1	*	1	0
St. Joseph's U.	12	*	6	3	0	*	*	2	1	0	0
Swarthmore C.	36	0	12	1	5	0	1	13	3	1	0
Thomas Jefferson U.	290	0	281	0	0	8	0	0	0	0	0
U. PA	1,575	41	583	21	102	667	4	93	21	42	2
U. of the Sciences Philadelphia	40	0	22	2	0	8	0	7	1	0	0
Villanova U.	14	*	2	1	8	1	0	1	1	0	0
Washington and Jefferson C.	53	0	17	3	0	0	2	25	6	0	0
Rhode Island											
Public											
U. RI	320	114	28	1	24	26	0	103	16	6	2
Private											
Brown U.	454	0	173	18	78	47	12	86	28	12	0
Roger Williams U.	39	6	3	0	27	1	*	2	*	*	0
South Carolina											
Public											
Clemson U.	588	152	85	8	229	0	7	96	8	3	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Coastal Carolina U.	52	1	3	2	0	1	*	10	1	1	34
C. Charleston	46	*	20	1	0	1	1	15	5	3	0
Medical U. SC	649	0	338	0	10	302	0	0	0	0	0
SC State U.	34	0	6	4	8	0	1	10	2	1	3
U. SC Columbia	622	6	137	8	121	87	3	187	27	45	0
Private											
Benedict C.	9	0	3	1	3	0	1	1	0	0	0
Claffin U.	34	2	26	1	0	0	0	0	0	5	0
Furman U.	2	0	0	0	0	0	0	2	0	0	0
South Dakota											
Public											
Black Hills State U.	17	0	8	0	0	0	*	5	3	1	0
SD School of Mines and Technology	146	0	2	2	85	0	6	22	0	0	29
SD State U.	304	141	39	*	38	43	0	42	1	0	0
U. SD	130	0	71	1	0	15	*	33	9	1	0
Tennessee											
Public											
East TN State U.	177	3	108	0	5	31	13	12	3	1	0
Middle TN State U.	27	8	5	*	2	*	0	9	1	1	1
TN State U.	33	11	12	0	3	0	0	6	1	0	0
TN Technological U.	117	4	12	6	64	3	3	23	1	*	1
U. Memphis, The	270	0	66	54	28	20	1	56	29	16	0
U. TN Chattanooga	67	0	12	2	30	4	1	10	0	7	0
U. TN Knoxville	1,313	611	221	32	228	107	3	60	2	27	22
U. TN Martin	15	*	6	0	5	0	1	3	*	*	0
Private											
Fisk U.	19	0	3	0	0	0	1	15	0	0	0
Meharry Medical C.	254	0	183	0	0	72	0	0	0	0	0
Vanderbilt U.	736	0	217	28	68	291	2	69	40	2	19
Texas											
Public											
Angelo State U.	30	11	10	*	0	0	0	6	2	0	0
Lamar U.	132	0	17	10	52	12	2	34	4	0	2
Prairie View A&M U.	93	39	7	1	21	15	2	4	2	1	0
Sam Houston State U.	31	12	2	0	0	0	1	11	*	5	0
Stephen F. Austin State U.	122	40	10	3	0	10	3	50	3	3	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Sul Ross State U.	19	6	10	0	0	0	0	4	0	0	0
Tarleton State U.	33	3	4	0	7	4	*	11	0	4	0
TX A&M International U.	30	0	6	2	8	0	2	4	4	4	0
TX A&M U.	2,443	574	358	25	794	189	28	370	36	48	19
TX A&M U.-Commerce	22	1	8	0	0	0	0	9	4	0	0
TX A&M U.-Corpus Christi	38	8	17	0	3	0	*	8	1	1	0
TX A&M U.-Kingsville	70	18	21	0	19	0	0	11	*	1	0
TX A&M U. System Health Science Ctr.	348	0	193	0	0	155	0	0	0	0	0
TX Southern U.	23	0	4	*	3	8	1	5	*	3	0
TX State U.-San Marcos	116	10	20	2	23	2	1	31	1	25	0
TX Tech U.	482	127	46	2	226	0	*	72	8	1	0
TX Tech U. Health Sciences Ctr.	216	0	129	0	0	87	0	0	0	0	0
TX Woman's U.	62	0	28	*	0	23	*	7	1	*	3
U. Houston	713	0	98	7	241	67	9	223	33	9	26
U. Houston-Downtown	11	1	4	2	0	0	0	5	0	0	0
U. North TX	225	9	78	12	43	9	1	52	10	9	4
U. North TX Health Science Ctr.	152	0	147	0	0	4	0	0	*	0	0
U. TX Arlington	457	0	91	28	184	12	0	121	19	1	0
U. TX Austin	1,479	0	260	43	466	43	20	264	43	12	328
U. TX Brownsville	56	0	38	0	8	0	0	10	0	0	0
U. TX Dallas	389	0	92	22	108	9	3	102	18	18	17
U. TX El Paso	183	*	63	8	62	8	2	31	8	1	0
U. TX Health Science Ctr. Houston	430	0	177	0	0	239	0	0	13	0	0
U. TX Health Science Ctr. San Antonio	605	0	265	0	0	340	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	1,286	0	1,286	0	0	0	0	0	0	0	0
U. TX Medical Branch	449	0	438	0	6	6	0	0	0	0	0
U. TX of the Permian Basin	21	0	4	2	3	0	0	11	0	0	0
U. TX-Pan American	96	1	33	2	25	8	1	15	7	5	0
U. TX San Antonio	264	4	99	6	61	0	1	66	7	19	0
U. TX Southwestern Medical Ctr.	1,061	0	530	0	0	529	0	0	2	0	0
U. TX Tyler	17	0	7	3	3	1	0	2	2	0	0
West TX A&M U.	208	173	9	2	5	3	3	10	4	0	0
Private											
Baylor C. of Medicine	1,095	0	924	0	0	171	0	0	0	0	0
Baylor U.	228	15	41	5	19	11	4	81	36	1	15
Rice U.	273	0	50	8	105	0	5	93	2	1	9
Southern Methodist U.	130	0	24	5	30	3	2	44	10	11	0
TX Christian U.	98	3	14	3	10	9	2	42	14	1	0
Trinity U.	27	0	10	*	1	0	0	8	6	1	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Utah											
Public											
U. UT	1,604	0	612	66	226	428	2	234	22	13	2
UT State U.	690	305	57	3	264	5	*	41	11	3	0
Private											
Brigham Young U.	288	21	85	15	46	3	3	93	9	15	0
Vermont											
Public											
U. VT	297	36	104	1	18	102	1	20	10	3	3
Private											
Middlebury C.	46	0	14	2	0	0	*	18	7	4	0
Virginia											
Public											
Christopher Newport U.	11	1	8	*	*	0	0	0	1	0	0
C. of William and Mary and VA Institute of Marine Science	430	119	87	8	0	7	7	151	22	28	0
George Mason U.	201	18	65	26	17	3	1	20	32	18	0
James Madison U.	178	5	39	6	17	28	6	47	8	6	17
Norfolk State U.	42	0	7	2	32	0	0	*	0	0	0
Old Dominion U.	299	0	30	11	127	8	3	101	9	1	9
U. VA	1,975	40	856	43	171	618	0	193	53	0	0
VA Commonwealth U.	581	0	217	*	70	259	2	21	13	0	0
VA Polytechnic Institute and State U.	1,084	231	209	5	363	140	2	77	7	1	49
VA State U.	65	60	2	1	2	0	*	0	0	0	0
Private											
Eastern VA Medical School	118	0	98	0	0	21	0	0	0	0	0
Hampton U.	6	0	2	0	0	2	0	3	0	0	0
U. Richmond	37	0	21	0	0	0	0	13	3	0	0
Washington											
Public											
Central WA U.	45	0	5	1	0	0	0	12	21	7	0
Eastern WA U.	55	1	24	2	3	5	1	11	4	6	0
U. WA Seattle	1,874	90	446	8	286	685	3	280	39	21	17
WA State U.	1,948	778	489	4	199	185	5	108	27	28	124
Western WA U.	99	0	17	3	14	3	2	40	9	5	6

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Bastyr U.	3	0	3	0	0	0	0	0	0	0	0
Gonzaga U.	2	*	1	*	1	*	0	*	0	0	0
Northwest Indian C.	2	2	*	*	0	*	*	0	0	0	0
Seattle U.	10	0	4	0	1	0	0	5	0	0	0
Whitman C.	21	0	6	0	0	0	0	10	3	1	1
West Virginia											
Public											
Marshall U.	183	2	79	8	9	18	4	24	2	7	30
WV State U.	32	13	7	3	1	0	3	2	0	4	0
WV U.	604	242	62	0	136	80	2	73	2	5	3
Private											
Wheeling Jesuit U.	7	2	1	0	0	0	0	3	1	0	0
Wisconsin											
Public											
U. WI-Eau Claire	119	4	29	3	5	19	2	42	9	7	0
U. WI-Green Bay	19	2	9	0	0	0	0	8	0	0	0
U. WI-La Crosse	49	1	20	1	0	5	0	9	2	11	0
U. WI-Madison	2,936	407	747	25	458	331	4	533	288	98	47
U. WI-Milwaukee	433	0	65	8	90	44	4	164	28	30	0
U. WI-Oshkosh	21	0	11	0	0	0	0	7	2	1	0
U. WI-Stevens Point	27	9	11	0	5	0	0	1	1	0	0
U. WI-Superior	5	1	1	0	1	2	0	0	0	0	0
Private											
Marquette U.	89	0	35	0	21	13	3	15	2	*	0
Medical C. WI	507	0	476	0	0	12	0	0	19	0	0
Milwaukee School of Engineering	20	0	1	0	19	0	0	*	0	0	0
Wyoming											
Public											
U. WY	484	171	91	1	63	38	0	104	7	9	0
Guam											
Public											
U. GU	35	12	9	3	*	5	1	3	1	2	0

TABLE 6. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Puerto Rico											
Public											
U. PR Humacao	20	0	9	0	0	0	1	10	0	0	0
U. PR Mayaguez	512	314	34	5	69	*	1	84	0	4	0
U. PR Medical Sciences Campus	396	0	321	0	0	75	0	0	*	0	0
U. PR Rio Piedras	142	4	51	4	0	0	3	55	8	17	0
Private											
Ponce School of Medicine	37	0	29	0	0	6	0	0	2	0	0
Universidad Central del Caribe	16	0	11	0	0	0	0	0	5	0	0
Universidad del Este	3	0	3	0	0	0	0	0	0	0	0
Universidad del Turabo	9	0	2	0	3	1	0	4	0	0	0
Universidad Metropolitana	2	*	1	*	0	0	0	*	*	0	0
Virgin Islands											
Public											
U. of the VI	23	20	1	0	0	0	0	2	0	0	0

* = value > 0 but < 500.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 7. New construction of science and engineering research space in academic institutions, by type of institution and time of construction: FY 2004–13
(Net assignable square feet in millions)

Type of institution	Started in FY 2004 or FY 2005		Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Started in FY 2010 or FY 2011		Planned to start in FY 2012 or FY 2013	
	Number of institutions	Total NASF	Number of institutions	Total NASF						
All institutions	164	10.1	162	8.8	170	9.9	167	8.1	128	8.4
Doctorate granting	145	9.4	140	8.4	140	9.3	149	7.8	111	8.2
Nondoctorate granting	19	0.7	22	0.4	30	0.5	18	0.2	18	0.3
Public	122	7.8	120	6.5	128	7.4	130	6.9	93	7.0
Private	42	2.3	42	2.3	43	2.5	36	1.2	35	1.5
Medical schools	38	2.7	34	2.5	35	2.5	34	2.3	28	1.9

NASF = net assignable square feet.

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 8. New construction of science and engineering research space in academic institutions, by field and time of construction: FY 2006–13

(Net assignable square feet in millions)

Field	Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Started in FY 2010 or FY 2011		Planned to start in FY 2012 or FY 2013	
	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF
All research space	162	8.8	170	9.9	167	8.1	128	8.4
Agricultural and natural resources sciences	30	0.5	26	0.4	30	0.4	24	0.6
Biological and biomedical sciences	87	2.9	79	3.5	69	2.0	51	1.8
Computer and information sciences	16	0.6	16	0.3	16	0.1	16	0.3
Engineering	50	1.3	56	2.1	54	1.3	46	1.8
Health and clinical sciences	38	1.7	61	1.9	40	2.8	37	2.2
Mathematics and statistics	3	*	1	*	5	*	2	*
Physical sciences								
Earth, atmospheric, and ocean sciences	11	0.3	13	0.1	18	0.3	15	0.6
Astronomy, chemistry, and physics	42	0.7	39	0.9	35	0.6	19	0.8
Psychology	8	0.1	14	0.3	14	0.1	6	0.1
Social sciences	8	0.1	10	0.2	8	0.1	4	0.1
Other	15	0.7	17	0.3	11	0.3	8	0.1
Research animal space	54	1.0	63	0.8	42	0.6	na	na

* = value > 0 but < 50,000. na = not applicable; data were not collected on planned new construction of research animal space on FY 2011 survey.

NASF = net assignable square feet.

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals.

SOURCE: National Science Foundation/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 and geographic region:
 Started in FY 2010 or FY 2011
 (Net assignable square feet in millions)

Field	United States	Midwest	Northeast	South	West
All research space	8.1	1.1	1.3	3.6	2.0
Agricultural and natural resources sciences	0.4	0.1	*	0.1	0.1
Biological and biomedical sciences	2.0	0.3	0.5	0.7	0.6
Computer and information sciences	0.1	*	*	0.1	*
Engineering	1.3	0.2	0.3	0.6	0.3
Health and clinical sciences	2.8	0.4	0.2	1.6	0.6
Mathematics and statistics	*	0.0	*	*	*
Physical sciences					
Earth, atmospheric, and ocean sciences	0.3	*	0.1	0.2	0.1
Astronomy, chemistry, and physics	0.6	0.1	0.1	0.3	0.1
Psychology	0.1	*	*	0.1	*
Social sciences	0.1	*	*	*	*
Other	0.3	0.1	*	*	0.1
Research animal space	0.6	0.1	0.1	0.1	0.3

* = value > 0 but < 50,000.

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	0	0	0	0	0	0	0	0	0	0	0
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U. main campus	64	38	0	0	0	26	0	0	0	0	0
U. AL Birmingham, The	4	0	4	0	0	0	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Tuscaloosa, The	153	1	0	0	151	0	0	0	0	0	0
U. South AL	18	0	18	0	0	0	0	0	0	0	0
Private											
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	50	0	50	0	0	0	0	0	0	0	0
U. AK Southeast	0	0	0	0	0	0	0	0	0	0	0
Arizona											
Public											
AZ State U.	102	0	0	0	38	0	0	64	0	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	54	0	0	0	0	54	0	0	0	0	0
Arkansas											
Public											
AR State U. main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
U. AR Little Rock	25	0	0	0	0	0	0	0	0	0	25
U. AR main campus	3	0	0	0	0	0	0	3	0	0	0
U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	0	0	0	0	0	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	16	6	2	0	0	0	0	9	0	0	0
CA State Polytechnic U., Pomona	0	0	0	0	0	0	0	0	0	0	0
CA State U., Bakersfield	5	0	0	5	0	0	0	0	0	0	0
CA State U., Chico	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0
CA State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Northridge	0	0	0	0	0	0	0	0	0	0	0
CA State U., Sacramento	0	0	0	0	0	0	0	0	0	0	0
CA State U., San Bernardino	1	0	0	0	0	0	0	1	0	0	0
Humboldt State U.	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
San Francisco State U.	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
U. CA, Berkeley	68	1	0	0	15	0	0	0	0	0	52
U. CA, Davis	175	29	0	0	0	146	0	0	0	0	0
U. CA, Irvine	5	0	0	0	0	5	0	0	0	0	0
U. CA, Los Angeles	0	0	0	0	0	0	0	0	0	0	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	44	11	0	0	0	33	0	0	0	0	0
U. CA, San Diego	312	0	0	0	91	181	0	21	0	20	0
U. CA, San Francisco	169	0	169	0	0	0	0	0	0	0	0
U. CA, Santa Barbara	3	0	3	0	0	0	0	0	0	0	0
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
CA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Chapman U.	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
Claremont Graduate U.	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
Harvey Mudd C.	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
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	5	0	0	0	0	0	0	0	5	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0	0
Stanford U.	14	0	0	0	0	14	0	0	0	0	0
U. Redlands	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	0	0	0	0	0	0	0	0	0	0	0
U. San Francisco	18	2	3	4	0	0	2	7	0	0	0
U. Southern CA	13	0	0	0	0	0	0	0	7	0	6
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	2	0	2	0	0	0	0	0	0	0	0
Colorado											
Public											
CO School of Mines	23	0	0	0	23	0	0	0	0	0	0
CO State U.	4	1	2	0	0	0	0	0	0	0	0
Mesa State C.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	177	0	110	0	32	0	0	35	0	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Anschutz Medical Campus	30	0	0	0	0	30	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Public											
U. CT	0	0	0	0	0	0	0	0	0	0	0
Private											
Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0
Yale U.	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Public											
DE State U.	0	0	0	0	0	0	0	0	0	0	0
U. DE	35	0	8	0	14	0	0	14	0	0	0
District of Columbia											
Public											
U. DC	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
Gallaudet U.	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, control, institution, and field: Started in FY 2010 or FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
George Washington U.	177	0	21	23	53	35	0	44	0	0	0
Georgetown U.	53	0	18	0	0	0	0	35	0	0	0
Howard U.	0	0	0	0	0	0	0	0	0	0	0
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	30	0	0	0	0	0	0	30	0	0	0
FL Gulf Coast U.	1	0	0	0	0	1	0	0	0	0	0
FL International U.	65	0	23	4	0	23	4	6	4	0	0
FL State U.	60	0	0	0	60	0	0	0	0	0	0
U. Central FL	0	0	0	0	0	0	0	0	0	0	0
U. FL	94	15	0	0	0	79	0	0	0	0	0
U. North FL	47	0	47	0	0	0	0	0	0	0	0
U. South FL	26	0	5	0	5	16	0	0	0	0	0
U. West FL	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	88	0	0	0	0	0	0	88	0	0	0
U. Miami	0	0	0	0	0	0	0	0	0	0	0
Georgia											
Public											
Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
GA Institute of Technology	35	0	0	0	35	0	0	0	0	0	0
GA Southern U.	49	0	49	0	0	0	0	0	0	0	0
GA State U.	3	0	0	0	0	0	0	0	0	0	3
Kennesaw State U.	0	0	NA	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0
U. GA	0	0	0	0	0	0	0	0	0	0	0
U. West GA	0	0	0	0	0	0	0	0	0	0	0
Private											
Agnes Scott C.	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	90	0	0	0	0	90	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0
Morehouse C.	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. HI Hilo	0	0	0	0	0	0	0	0	0	0	0
U. HI Manoa	0	0	0	0	0	0	0	0	0	0	0
Idaho											
Public											
Boise State U.	38	0	0	0	11	0	0	21	0	6	0
ID State U.	4	0	0	0	0	0	0	4	0	0	0
U. ID	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
Governors State U.	0	0	0	0	0	0	0	0	0	0	0
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Edwardsville	0	0	0	0	0	0	0	0	0	0	0
U. IL Chicago	16	0	0	0	0	16	0	0	0	0	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	0	0	0	0	0	0	0	0	0	0	0
Western IL U.	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
DePaul U.	0	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	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
Midwestern U. (Downers Grove, IL)	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	27	0	0	0	13	0	0	14	0	0	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
Rush U.	0	0	0	0	0	0	0	0	0	0	0
U. Chicago	8	0	0	0	0	8	0	0	0	0	0

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	0	0	0	0	0	0	0	0	0	0	0
IN State U.	0	0	0	0	0	0	0	0	0	0	0
IN U. Bloomington	3	0	0	3	0	0	0	0	0	0	0
IN U. South Bend	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Ft. Wayne	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Indianapolis	12	0	0	0	0	12	0	0	0	0	0
Purdue U. Calumet	6	0	0	0	6	0	0	0	0	0	0
Purdue U. West Lafayette	38	18	0	0	0	0	0	0	0	20	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	7	6	1	0	0	0	0	0	0	0	0
U. IA	129	0	129	0	0	0	0	0	0	0	0
U. Northern IA	2	0	2	0	0	0	0	0	0	0	0
Private											
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	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
U. KS	73	0	0	0	18	55	0	0	0	0	0
Wichita State U.	2	0	2	0	0	0	0	0	0	0	0
Kentucky											
Public											
Eastern KY U.	0	0	0	0	0	0	0	0	0	0	0
KY State U.	1	1	0	0	0	0	0	0	0	0	0
Morehead State U.	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
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	35	*	0	4	4	27	0	0	0	0	0

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	0	0	0	0	0	0	0	0	0	0	0
Western KY U.	4	0	0	0	0	0	0	0	4	0	0
Louisiana											
Public											
LA State U. and A&M C.	0	0	0	0	0	0	0	0	0	0	0
LA State U. Health Sciences Ctr. New Orleans	0	0	0	0	0	0	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	0	0	0	0	0	0	0	0	0	0	0
McNeese State U.	0	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U.	0	0	0	0	0	0	0	0	0	0	0
Southeastern LA U.	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
U. LA Lafayette	1	0	0	1	0	0	0	0	0	0	0
U. LA Monroe	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
Private											
Dillard U.	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	22	0	0	0	0	0	0	22	0	0	0
Xavier U. LA	0	0	0	0	0	0	0	0	0	0	0
Maine											
Public											
U. ME	43	0	0	0	43	0	0	0	0	0	0
U. Southern ME	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
Colby C.	0	0	0	0	0	0	0	0	0	0	0
U. New England	4	0	4	0	0	0	0	0	0	0	0
Maryland											
Public											
Morgan State U.	22	0	0	0	22	0	0	0	0	0	0
Towson U.	0	0	0	0	0	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD, Baltimore	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	0	0	0	0	0	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD, College Park	88	0	0	0	0	0	0	88	0	0	0
U. MD, Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U., The	65	0	0	4	61	0	0	0	0	0	0
Massachusetts											
Public											
U. MA Amherst	0	0	0	0	0	0	0	0	0	0	0
U. MA Boston	104	0	41	0	0	0	0	46	17	0	0
U. MA Dartmouth	0	0	0	0	0	0	0	0	0	0	0
U. MA Lowell	29	0	6	0	13	1	0	9	0	0	0
U. MA Worcester	255	0	127	0	0	127	0	0	0	0	0
Private											
Amherst C.	0	0	0	0	0	0	0	0	0	0	0
Boston C.	0	0	0	0	0	0	0	0	0	0	0
Boston U.	0	0	0	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	6	0	6	0	0	0	0	0	0	0	0
MA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	48	0	0	0	48	0	0	0	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0
Williams C.	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	19	0	0	0	6	0	0	12	0	0	0
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Public											
Eastern MI U.	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
MI State U.	85	25	23	0	0	10	0	28	0	0	0
MI Technological U.	24	0	0	0	0	0	0	0	0	0	24

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
U. MI-Ann Arbor	0	0	0	0	0	0	0	0	0	0	0
U. MI-Dearborn	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
Western MI U.	2	0	0	0	0	0	0	0	0	2	0
Private											
Calvin C.	0	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	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
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	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
U. MN, Duluth	0	0	0	0	0	0	0	0	0	0	0
U. MN, Twin Cities	72	0	0	0	0	63	0	0	0	0	8
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0
Mayo Medical School C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0
Mississippi											
Public											
Alcorn State U.	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
MS State U.	21	14	0	0	7	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	3	0	3	0	0	0	0	0	0	0	0
U. Southern MS	10	0	10	0	0	0	0	0	0	0	0
Private											
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0	0
MO State U.	21	17	4	0	0	0	0	0	0	0	0

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
MO U. of Science and Technology	20	0	0	0	20	0	0	0	0	0	0
U. MO-Columbia	0	0	0	0	0	0	0	0	0	0	0
U. MO-Kansas City	0	0	0	0	0	0	0	0	0	0	0
U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0	0
Private											
A. T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	0	0	0	0	0	0	0	0	0	0	0
Washington U. St. Louis	7	0	0	0	7	0	0	0	0	0	0
Montana											
Public											
MT State U. Bozeman	0	0	0	0	0	0	0	0	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0	0
U. MT, The	0	0	0	0	0	0	0	0	0	0	0
Nebraska											
Public											
U. NE Lincoln	42	0	8	0	0	22	0	12	0	0	0
U. NE Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. NE Omaha	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
Nevada											
Public											
Desert Research Institute	2	0	0	0	2	0	0	0	0	0	0
U. NV, Las Vegas	3	0	0	0	3	0	0	0	0	0	0
U. NV, Reno	0	0	0	0	0	0	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	0	0	0	0	0	0	0	0	0	0	0
Private											
Dartmouth C.	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
New Jersey											
Public											
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0
NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	40	0	40	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Camden	2	0	0	0	0	0	0	0	2	0	0
Rutgers, the State U. NJ-New Brunswick	38	0	38	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Newark	0	0	0	0	0	0	0	0	0	0	0
U. of Medicine and Dentistry NJ	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
Princeton U.	116	0	82	2	3	0	*	3	25	*	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	9	0	0	0	9	0	0	0	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0
NM Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0
NM State U.	4	4	0	0	0	0	0	0	0	0	0
U. NM	0	0	NA	0	0	0	0	0	0	0	0
New York											
Public											
CUNY, Baruch C.	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
CUNY, City C.	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
CUNY, Graduate Ctr.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	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
CUNY, Queens C.	13	0	0	0	0	0	0	13	0	0	0
SUNY, Albany	121	0	0	0	81	0	0	0	0	0	40
SUNY, Binghamton	42	0	0	5	29	8	0	0	0	0	0
SUNY, Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Buffalo	37	3	17	0	0	0	0	16	0	0	0
SUNY, C. Geneseo	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. of Agriculture and Technology Cobleskill	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
SUNY, C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	0	0	0	0	0	0	0	0	0	0	0
SUNY, Stony Brook	6	6	0	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	64	0	64	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	41	0	41	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	8	0	0	0	8	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	1	0	0	0	0	0	0	1	0	0	0
Cornell U.	15	7	7	0	0	0	0	0	0	0	0
Fordham U.	0	0	0	0	0	0	0	0	0	0	0
Hamilton C.	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
Hofstra U.	4	0	0	0	0	0	0	0	0	0	4
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	0	0	0	0	0	0	0	0	0	0	0
New School, The	0	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
NY Medical C.	0	0	0	0	0	0	0	0	0	0	0
NY U.	0	0	0	0	0	0	0	0	0	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0
Polytechnic U.	3	0	0	3	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	64	0	0	0	63	0	0	1	0	0	0
Rockefeller U., The	0	0	0	0	0	0	0	0	0	0	0
Siena C.	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0
Teachers C. Columbia U.	0	0	0	0	0	0	0	0	0	0	0
Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	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, control, institution, and field: Started in FY 2010 or FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Vassar C.	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	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
East Carolina U.	2	0	2	0	0	0	0	0	0	0	0
Elizabeth City State U.	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
NC Agricultural and Technical State U.	0	0	0	0	0	0	0	0	0	0	0
NC Central U.	4	0	0	0	0	4	0	0	0	0	0
NC State U.	6	6	0	0	0	0	0	0	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	121	0	48	0	0	48	0	24	0	0	0
U. NC Charlotte	98	0	0	0	11	87	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	47	0	32	0	0	0	0	0	14	0	0
Private											
Davidson C.	0	0	0	0	0	0	0	0	0	0	0
Duke U.	0	0	0	0	0	0	0	0	0	0	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0	0	0	0	0	0
North Dakota											
Public											
ND State U.	99	81	0	0	8	0	0	0	6	3	0
U. ND	24	0	0	0	24	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	0	0	0	0	0	0	0	0	0	0	0
Central State U.	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
Kent State U.	0	0	0	0	0	0	0	0	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeast OH Medical U.	60	0	60	0	0	0	0	0	0	0	0
OH State U.	0	0	0	0	0	0	0	0	0	0	0
OH U.	0	0	0	0	0	0	0	0	0	0	0
U. Akron	28	0	0	0	28	0	0	0	0	0	0
U. Cincinnati	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Toledo	20	0	18	0	0	2	0	0	0	0	0
Wright State U.	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
Private											
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	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
OK State U. Ctr. for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
OK State U. Stillwater	0	0	0	0	0	0	0	0	0	0	0
U. Central OK	0	0	0	0	0	0	0	0	0	0	0
U. OK	23	0	0	0	0	0	0	23	0	0	0
Private											
U. Tulsa	12	0	0	3	9	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	0	0	0	0	0	0	0	0	0	0	0
OR State U.	45	0	0	0	0	0	0	45	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0
U. OR	52	0	18	0	0	0	0	13	20	0	0
Private											
Lewis & Clark C.	0	0	0	0	0	0	0	0	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0	0
PA State U. Erie, The Behrend C.	0	0	0	0	0	0	0	0	0	0	0
PA State U. Harrisburg	0	0	0	0	0	0	0	0	0	0	0
PA State U. University Park and Hershey Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Temple U.	12	0	12	0	0	0	0	0	0	0	0

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Pittsburgh main campus	25	0	0	0	0	0	0	25	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Bryn Mawr C.	3	0	0	0	0	0	0	3	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	0	0	0	0	0	0	0	0	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	0	0	0	0	0	0	0	0
Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0
Mercyhurst C.	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
Philadelphia U.	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0
St. Francis U.	9	0	4	0	0	0	0	5	0	0	0
St. Joseph's U.	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	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
U. PA	41	0	0	0	26	0	0	14	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0
Washington and Jefferson C.	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Public											
U. RI	55	0	0	0	0	55	0	0	0	0	0
Private											
Brown U.	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
South Carolina											
Public											
Clemson U.	66	0	66	0	0	0	0	0	0	0	0
Coastal Carolina U.	8	0	5	0	0	0	0	3	0	0	0
C. Charleston	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SC State U.	50	0	0	10	27	0	1	11	0	0	2
U. SC Columbia	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
Claffin U.	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	0	0	0	0	0	0	0	0	0	0	0
SD School of Mines and Technology	42	0	18	0	25	0	0	0	0	0	0
SD State U.	7	1	0	0	6	0	0	0	0	0	0
U. SD	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
Public											
East TN State U.	0	0	0	0	0	0	0	0	0	0	0
Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN State U.	3	0	2	0	1	0	0	0	0	0	0
TN Technological U.	0	0	0	0	0	0	0	0	0	0	0
U. Memphis, The	0	0	0	0	0	0	0	0	0	0	0
U. TN Chattanooga	0	0	0	0	0	0	0	0	0	0	0
U. TN Knoxville	35	0	0	0	20	15	0	0	0	0	0
U. TN Martin	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
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	5	0	0	0	0	0	0	0	0	5	0
Texas											
Public											
Angelo State U.	0	0	0	0	0	0	0	0	0	0	0
Lamar U.	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
Sam Houston State U.	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
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	0	0
TX A&M International U.	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, control, institution, and field: Started in FY 2010 or FY 2011

(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
TX A&M U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Kingsville	5	5	0	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
TX Southern U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TX State U.-San Marcos	4	0	0	0	2	0	0	2	0	0	0
TX Tech U.	0	0	0	0	0	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	9	0	9	0	0	0	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	56	0	15	0	12	0	12	15	0	0	0
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0	0
U. North TX	1	0	0	0	1	0	0	0	0	0	0
U. North TX Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Arlington	0	0	0	0	0	0	0	0	0	0	0
U. TX Austin	180	0	40	18	13	56	0	29	19	6	0
U. TX Brownsville	0	0	0	0	0	0	0	0	0	0	0
U. TX Dallas	0	0	0	0	0	0	0	0	0	0	0
U. TX El Paso	61	0	28	0	34	0	0	0	0	0	0
U. TX Health Science Ctr. Houston	6	0	0	0	0	6	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
U. TX of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX-Pan American	0	0	0	0	0	0	0	0	0	0	0
U. TX San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr.	1,035	0	0	0	0	1,035	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	11	1	1	0	9	0	0	0	0	0	0
Private											
Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0
Rice U.	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
TX Christian U.	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	37	0	17	1	6	0	0	7	6	0	0

TABLE 10. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Utah											
Public											
U. UT	133	0	0	0	15	102	0	17	0	0	0
UT State U.	12	12	0	0	0	0	0	0	0	0	0
Private											
Brigham Young U.	160	72	72	0	0	15	0	0	0	0	0
Vermont											
Public											
U. VT	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
Virginia											
Public											
Christopher Newport U.	18	0	6	1	0	0	0	2	10	0	0
C. of William and Mary and VA Institute of Marine Science	7	7	0	0	0	0	0	0	0	0	0
George Mason U.	47	0	37	0	0	0	0	0	10	0	0
James Madison U.	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
Old Dominion U.	0	0	0	0	0	0	0	0	0	0	0
U. VA	3	3	0	0	0	0	0	0	0	0	0
VA Commonwealth U.	18	0	0	0	0	18	0	0	0	0	0
VA Polytechnic Institute and State U.	94	0	36	0	32	0	0	26	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	8	0	8	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0
Washington											
Public											
Central WA U.	0	0	0	0	0	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0
U. WA Seattle	0	0	0	0	0	0	0	0	0	0	0
WA State U.	180	0	114	0	31	36	0	0	0	0	0
Western WA U.	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, control, institution, and field: Started in FY 2010 or FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Bastyr U.	0	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	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
Seattle U.	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	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
WV State U.	0	0	0	0	0	0	0	0	0	0	0
WV U.	43	20	0	0	0	0	0	23	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI-Eau Claire	0	0	0	0	0	0	0	0	0	0	0
U. WI-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0	0	0	0	0	0
U. WI-Madison	259	0	0	0	0	199	0	0	0	0	60
U. WI-Milwaukee	5	0	0	0	0	5	0	0	0	0	0
U. WI-Oshkosh	0	0	0	0	0	0	0	0	0	0	0
U. WI-Stevens Point	0	0	0	0	0	0	0	0	0	0	0
U. WI-Superior	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
Medical C. WI	3	0	3	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	65	0	31	0	0	0	0	0	0	0	34
Guam											
Public											
U. GU	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, control, institution, and field: Started in FY 2010 or FY 2011
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Puerto Rico											
Public											
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	6	0	6	0	0	0	0	0	0	0	0
U. PR Rio Piedras	0	0	0	0	0	0	0	0	0	0	0
Private											
Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
Universidad del Este	0	0	0	0	0	0	0	0	0	0	0
Universidad del Turabo	0	0	0	0	0	0	0	0	0	0	0
Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the VI	0	0	0	0	0	0	0	0	0	0	0

* = value > 0 but < 500. NA = not available; data were not provided by institution.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 11. New construction of science and engineering research space in academic institutions, by field and geographic region:
 Planned to start in FY 2012 or FY 2013
 (Net assignable square feet in millions)

Field	United States	Midwest	Northeast	South	West
All research space	8.4	2.0	1.5	3.2	1.7
Agricultural and natural resources sciences	0.6	0.1	0.1	0.3	0.1
Biological and biomedical sciences	1.8	0.4	0.2	1.1	0.1
Computer and information sciences	0.3	0.1	0.1	0.2	*
Engineering	1.8	0.4	0.4	0.8	0.3
Health and clinical sciences	2.2	0.5	0.4	0.6	0.7
Mathematics and statistics	*	0.0	*	*	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.6	0.1	0.1	0.1	0.3
Astronomy, chemistry, and physics	0.8	0.4	0.2	0.1	0.1
Psychology	0.1	0.1	*	*	0.0
Social sciences	0.1	*	0.0	*	0.1
Other	0.1	*	0.1	*	*

* = value > 0 but < 50,000.

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	0	0	0	0	0	0	0	0	0	0	0
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U. main campus	5	0	5	0	0	0	0	0	0	0	0
U. AL Birmingham, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Tuscaloosa, The	59	0	0	0	0	0	0	55	0	4	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	0	0	0	0	0	0	0	0	0	0	0
U. AK Southeast	0	0	0	0	0	0	0	0	0	0	0
Arizona											
Public											
AZ State U.	0	0	0	0	0	0	0	0	0	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	31	6	12	0	0	12	0	0	0	0	0
Arkansas											
Public											
AR State U. main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
U. AR Little Rock	0	0	0	0	0	0	0	0	0	0	0
U. AR main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	0	0	0	0	0	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	0	0	0	0	0	0	0	0	0	0	0
CA State Polytechnic U., Pomona	0	0	0	0	0	0	0	0	0	0	0
CA State U., Bakersfield	0	0	0	0	0	0	0	0	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	33	29	0	0	0	4	0	0	0	0	0
CA State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0
CA State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Northridge	0	0	0	0	0	0	0	0	0	0	0
CA State U., Sacramento	0	0	0	0	0	0	0	0	0	0	0
CA State U., San Bernardino	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
San Diego State U.	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
San Jose State U.	0	0	0	0	0	0	0	0	0	0	0
U. CA, Berkeley	38	0	0	0	0	0	0	38	0	0	0
U. CA, Davis	183	8	0	0	25	150	0	0	0	0	0
U. CA, Irvine	0	0	0	0	0	0	0	0	0	0	0
U. CA, Los Angeles	71	0	0	0	40	31	0	0	0	0	0
U. CA, Merced	102	0	0	6	96	0	0	0	0	0	0
U. CA, Riverside	1	0	1	0	0	0	0	0	0	0	0
U. CA, San Diego	210	0	0	0	0	189	0	21	0	0	0
U. CA, San Francisco	174	0	0	0	0	174	0	0	0	0	0
U. CA, Santa Barbara	47	0	17	0	17	0	0	0	0	0	12
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
CA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Chapman U.	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
Claremont Graduate U.	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
Harvey Mudd C.	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
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	2	0	0	0	0	0	0	0	0	2	0
Pomona C.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0	0
Stanford U.	90	0	1	1	68	18	0	2	0	0	0
U. Redlands	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	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
U. Southern CA	132	0	56	0	0	0	0	0	0	76	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Public											
CO School of Mines	86	0	0	1	0	0	0	85	0	0	0
CO State U.	50	0	0	0	40	10	0	0	0	0	0
Mesa State C.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	227	0	0	0	0	0	0	227	0	0	0
U. CO Colorado Springs	34	0	0	0	0	34	0	0	0	0	0
U. CO Denver and Anschutz Medical Campus	0	0	0	0	0	0	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Public											
U. CT	107	0	28	0	46	0	0	25	9	0	0
Private											
Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0
Yale U.	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Public											
DE State U.	65	0	0	0	65	0	0	0	0	0	0
U. DE	0	0	0	0	0	0	0	0	0	0	0
District of Columbia											
Public											
U. DC	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

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Gallaudet U.	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
Georgetown U.	0	0	0	0	0	0	0	0	0	0	0
Howard U.	104	0	21	10	21	31	0	21	0	0	0
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	180	0	114	0	0	66	0	0	0	0	0
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	20	3	0	0	0	8	0	5	4	0	0
FL State U.	0	0	0	0	0	0	0	0	0	0	0
U. Central FL	0	0	0	0	0	0	0	0	0	0	0
U. FL	0	0	0	0	0	0	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	0	0	0	0	0	0	0	0	0	0	0
U. West FL	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	125	0	40	0	0	85	0	0	0	0	0
U. Miami	124	0	38	0	0	0	0	86	0	0	0
Georgia											
Public											
Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
GA Institute of Technology	119	0	0	0	119	0	0	0	0	0	0
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	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
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0
U. GA	0	0	0	0	0	0	0	0	0	0	0
U. West GA	0	0	0	0	0	0	0	0	0	0	0
Private											
Agnes Scott C.	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	72	0	26	0	0	0	0	46	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Morehouse C.	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
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. HI Hilo	0	0	0	0	0	0	0	0	0	0	0
U. HI Manoa	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
ID State U.	0	0	0	0	0	0	0	0	0	0	0
U. ID	3	2	0	0	1	0	0	0	0	0	0
Illinois											
Public											
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0
Governors State U.	0	0	0	0	0	0	0	0	0	0	0
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Edwardsville	67	0	16	0	41	0	0	11	0	0	0
U. IL Chicago	0	0	0	0	0	0	0	0	0	0	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	101	0	0	34	68	0	0	0	0	0	0
Western IL U.	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
DePaul U.	0	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Loyola U. Chicago	4	4	0	0	0	0	0	0	0	0	0
Midwestern U. (Downers Grove, IL)	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	23	0	0	0	6	0	0	17	0	0	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
Rush U.	0	0	0	0	0	0	0	0	0	0	0
U. Chicago	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	0	0	0	0	0	0	0	0	0	0	0
IN State U.	0	0	0	0	0	0	0	0	0	0	0
IN U. Bloomington	75	0	25	50	0	0	0	0	0	0	0
IN U. South Bend	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Ft. Wayne	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Indianapolis	165	0	11	0	11	120	0	0	11	11	0
Purdue U. Calumet	0	0	0	0	0	0	0	0	0	0	0
Purdue U. West Lafayette	222	35	64	0	55	69	0	0	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	15	0	1	0	14	0	0	0	0	0	0
U. IA	46	0	0	0	0	0	0	0	46	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	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
U. KS	25	0	0	0	25	0	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
Eastern KY U.	0	0	0	0	0	0	0	0	0	0	0
KY State U.	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
Murray State U.	0	0	0	0	0	0	0	0	0	0	0
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	5	0	5	0	0	0	0	0	0	0	0
Western KY U.	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Public											
LA State U. and A&M C.	0	0	0	0	0	0	0	0	0	0	0
LA State U. Health Sciences Ctr. New Orleans	51	0	28	0	0	23	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	0	0	0	0	0	0	0	0	0	0	0
McNeese State U.	0	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	27	0	0	27	0	0	0	0	0	0	0
Northwestern State U.	0	0	0	0	0	0	0	0	0	0	0
Southeastern LA U.	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
U. LA Lafayette	0	0	0	0	0	0	0	0	0	0	0
U. LA Monroe	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
Private											
Dillard U.	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	6	0	6	0	0	0	0	0	0	0	0
Xavier U. LA	0	0	0	0	0	0	0	0	0	0	0
Maine											
Public											
U. ME	0	0	0	0	0	0	0	0	0	0	0
U. Southern ME	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
Colby C.	7	0	0	3	0	0	1	0	3	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0
Maryland											
Public											
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Towson U.	0	0	0	0	0	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD, Baltimore	180	0	54	0	0	126	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	0	0	0	0	0	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD, College Park	0	0	0	0	0	0	0	0	0	0	0
U. MD, Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U., The	62	0	18	27	16	0	0	0	0	0	0
Massachusetts											
Public											
U. MA Amherst	0	0	0	0	0	0	0	0	0	0	0
U. MA Boston	0	0	0	0	0	0	0	0	0	0	0
U. MA Dartmouth	75	0	35	0	0	0	0	40	0	0	0
U. MA Lowell	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	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
Boston C.	0	0	0	0	0	0	0	0	0	0	0
Boston U.	0	0	0	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	10	0	0	0	10	0	0	0	0	0	0
MA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	0	0	0	0	0	0	0	0	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0
Williams C.	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
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Public											
Eastern MI U.	0	0	0	0	0	0	0	0	0	0	0
Grand Valley State U.	11	0	0	0	0	0	0	11	0	0	0
MI State U.	200	0	0	0	0	0	0	200	0	0	0
MI Technological U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
U. MI-Ann Arbor	0	0	0	0	0	0	0	0	0	0	0
U. MI-Dearborn	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	134	0	134	0	0	0	0	0	0	0	0
Western MI U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Calvin C.	0	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	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
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	90	0	25	0	50	15	0	0	0	0	0
U. MN, Duluth	0	0	0	0	0	0	0	0	0	0	0
U. MN, Twin Cities	116	0	0	0	0	37	0	78	0	0	0
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0
Mayo Medical School C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0
Mississippi											
Public											
Alcorn State U.	4	4	0	0	0	0	0	0	0	0	0
Jackson State U.	0	0	0	0	0	0	0	0	0	0	0
MS State U.	0	0	0	0	0	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	222	0	222	0	0	0	0	0	0	0	0
U. Southern MS	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

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	9	9	0	0	0	0	0	0	0	0	0
MO State U.	8	0	8	0	0	0	0	0	0	0	0
MO U. of Science and Technology	13	0	0	0	13	0	0	0	0	0	0
U. MO-Columbia	0	0	0	0	0	0	0	0	0	0	0
U. MO-Kansas City	0	0	0	0	0	0	0	0	0	0	0
U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0	0
Private											
A. T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	0	0	0	0	0	0	0	0	0	0	0
Washington U. St. Louis	47	0	47	0	0	0	0	0	0	0	0
Montana											
Public											
MT State U. Bozeman	40	40	0	0	0	0	0	0	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0	0
U. MT, The	0	0	0	0	0	0	0	0	0	0	0
Nebraska											
Public											
U. NE Lincoln	0	0	0	0	0	0	0	0	0	0	0
U. NE Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. NE Omaha	23	0	0	0	0	0	0	0	0	0	23
Private											
Creighton U.	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
U. NV, Las Vegas	0	0	0	0	0	0	0	0	0	0	0
U. NV, Reno	22	0	0	0	22	0	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Dartmouth C.	8	0	8	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
NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Camden	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-New Brunswick	265	85	0	0	0	0	0	180	0	0	0
Rutgers, the State U. NJ-Newark	0	0	0	0	0	0	0	0	0	0	0
U. of Medicine and Dentistry NJ	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
Princeton U.	69	0	0	0	69	0	0	0	0	0	0
Seton Hall U.	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
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0
NM Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0
NM State U.	0	0	0	0	0	0	0	0	0	0	0
U. NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
New York											
Public											
CUNY, Baruch C.	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
CUNY, City C.	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
CUNY, Graduate Ctr.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	1	0	0	0	0	1	0	0	0	0	0
CUNY, Hunter C.	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
CUNY, Queens C.	0	0	0	0	0	0	0	0	0	0	0
SUNY, Albany	13	0	0	0	0	0	0	0	0	0	13
SUNY, Binghamton	0	0	0	0	0	0	0	0	0	0	0
SUNY, Buffalo	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Geneseo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Agriculture and Technology Cobleskill	5	5	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
SUNY, C. of Optometry	3	0	0	0	0	0	0	0	0	0	3
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	70	0	25	0	0	45	0	0	0	0	0
SUNY, Stony Brook	153	0	0	46	0	98	0	10	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	20	0	0	0	20	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	22	0	0	0	22	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	17	0	0	0	8	0	0	9	0	0	0
Cornell U.	42	3	0	30	0	9	0	0	0	0	0
Fordham U.	0	0	0	0	0	0	0	0	0	0	0
Hamilton C.	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
Hofstra U.	12	0	5	0	0	0	0	0	0	0	7
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	0	0	0	0	0	0	0	0	0	0	0
New School, The	0	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	3	0	0	2	2	0	0	0	0	0	0
NY Medical C.	0	0	0	0	0	0	0	0	0	0	0
NY U.	170	0	57	0	0	113	0	0	0	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0
Polytechnic U.	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
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U., The	0	0	0	0	0	0	0	0	0	0	0
Siena C.	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Teachers C. Columbia U.	0	0	0	0	0	0	0	0	0	0	0
Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	0	0	0	0	0	0	0	0	0	0	0
Vassar C.	19	0	0	0	0	0	0	0	0	0	19
Yeshiva U.	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
East Carolina U.	0	0	0	0	0	0	0	0	0	0	0
Elizabeth City State U.	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
NC Agricultural and Technical State U.	0	0	0	0	0	0	0	0	0	0	0
NC Central U.	0	0	0	0	0	0	0	0	0	0	0
NC State U.	0	0	0	0	0	0	0	0	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	0	0	0	0	0	0	0	0	0	0	0
U. NC Charlotte	0	0	0	0	0	0	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	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
Duke U.	9	0	9	0	0	0	0	0	0	0	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0	0	0	0	0	0
North Dakota											
Public											
ND State U.	97	42	8	0	48	0	0	0	0	0	0
U. ND	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	10	0	0	0	0	10	0	0	0	0	0
Central State U.	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
Kent State U.	0	0	0	0	0	0	0	0	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeast OH Medical U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
OH State U.	171	0	32	0	32	74	0	32	0	0	0
OH U.	0	0	0	0	0	0	0	0	0	0	0
U. Akron	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	0	0	0	0	0	0	0	0	0	0	0
Wright State U.	27	0	0	0	0	27	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Case Western Reserve U.	36	0	0	0	0	36	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	6	0	0	0	6	0	0	0	0	0	0
Oklahoma											
Public											
Langston U.	13	13	0	0	0	0	0	0	0	0	0
OK State U. Ctr. for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
OK State U. Stillwater	0	0	0	0	0	0	0	0	0	0	0
U. Central OK	0	0	0	0	0	0	0	0	0	0	0
U. OK	29	0	0	0	29	0	0	0	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	88	0	0	0	0	88	0	0	0	0	0
OR State U.	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
U. OR	0	0	0	0	0	0	0	0	0	0	0
Private											
Lewis & Clark C.	0	0	0	0	0	0	0	0	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0	0
PA State U. Erie, The Behrend C.	22	0	0	0	0	0	0	0	0	0	22

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
PA State U. Harrisburg	20	0	0	0	20	0	0	0	0	0	0
PA State U. University Park and Hershey Medical Ctr.	112	0	0	0	112	0	0	0	0	0	0
Temple U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. Pittsburgh main campus	124	0	0	0	0	124	0	0	0	0	0
West Chester U. PA	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
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	55	0	0	0	55	0	0	0	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	0	0	0	0	0	0	0	0
Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0
Mercyhurst C.	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
Philadelphia U.	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0
St. Francis U.	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's U.	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	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
U. PA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0
Washington and Jefferson C.	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Public											
U. RI	32	0	0	0	0	0	0	32	0	0	0
Private											
Brown U.	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

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
South Carolina											
Public											
Clemson U.	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	20	0	8	0	0	0	0	11	1	0	0
C. Charleston	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
SC State U.	0	0	0	0	0	0	0	0	0	0	0
U. SC Columbia	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
Claffin U.	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	0	0	0	0	0	0	0	0	0	0	0
SD School of Mines and Technology	4	0	0	0	4	0	0	0	0	0	0
SD State U.	13	8	0	0	6	0	0	0	0	0	0
U. SD	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
Public											
East TN State U.	0	0	0	0	0	0	0	0	0	0	0
Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN State U.	30	30	0	0	0	0	0	0	0	0	0
TN Technological U.	0	0	0	0	0	0	0	0	0	0	0
U. Memphis, The	69	0	17	0	17	0	17	17	0	0	0
U. TN Chattanooga	0	0	0	0	0	0	0	0	0	0	0
U. TN Knoxville	125	0	0	75	50	0	0	0	0	0	0
U. TN Martin	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
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	11	0	11	0	0	0	0	0	0	0	0
Texas											
Public											
Angelo State U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Lamar U.	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
Sam Houston State U.	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
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	0	0
TX A&M International U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.	197	0	189	0	0	0	0	8	0	0	0
TX A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Kingsville	0	0	0	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	115	0	115	0	0	0	0	0	0	0	0
TX Southern U.	0	0	0	0	0	0	0	0	0	0	0
TX State U.-San Marcos	0	0	0	0	0	0	0	0	0	0	0
TX Tech U.	0	0	0	0	0	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	50	0	12	0	0	37	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	132	0	0	0	0	132	0	0	0	0	0
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0	0
U. North TX	57	0	15	0	29	0	0	13	0	0	0
U. North TX Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Arlington	0	0	0	0	0	0	0	0	0	0	0
U. TX Austin	252	0	0	10	242	0	0	0	0	0	0
U. TX Brownsville	4	0	4	0	0	0	0	0	0	0	0
U. TX Dallas	0	0	0	0	0	0	0	0	0	0	0
U. TX El Paso	0	0	0	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. Houston	0	0	0	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	84	0	84	0	0	0	0	0	0	0	0
U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
U. TX of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX-Pan American	0	0	0	0	0	0	0	0	0	0	0
U. TX San Antonio	10	0	0	10	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Baylor C. of Medicine	36	0	36	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0
Rice U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Southern Methodist U.	7	0	0	0	0	0	0	0	0	0	7
TX Christian U.	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0
Utah											
Public											
U. UT	0	0	0	0	0	0	0	0	0	0	0
UT State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Brigham Young U.	21	21	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	3	0	0	0	0	3	0	0	0	0	0
Private											
Middlebury C.	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
C. of William and Mary and VA Institute of Marine Science	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
James Madison U.	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
Old Dominion U.	30	0	0	0	30	0	0	0	0	0	0
U. VA	0	0	0	0	0	0	0	0	0	0	0
VA Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0
VA Polytechnic Institute and State U.	99	61	0	0	38	0	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	24	0	24	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0
Washington											
Public											
Central WA U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0
U. WA Seattle	0	0	0	0	0	0	0	0	0	0	0
WA State U.	0	0	0	0	0	0	0	0	0	0	0
Western WA U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Bastyr U.	0	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	0	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	3	1	1	0	0	0	0	1	0	0	0
Seattle U.	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Marshall U.	65	14	7	4	19	21	0	0	0	0	0
WV State U.	1	1	*	0	0	0	0	0	0	0	0
WV U.	307	161	0	0	95	51	0	0	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI-Eau Claire	0	0	0	0	0	0	0	0	0	0	0
U. WI-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0	0	0	0	0	0
U. WI-Madison	97	0	0	0	0	97	0	0	0	0	0
U. WI-Milwaukee	109	0	0	0	15	12	0	82	0	0	0
U. WI-Oshkosh	0	0	0	0	0	0	0	0	0	0	0
U. WI-Stevens Point	0	0	0	0	0	0	0	0	0	0	0
U. WI-Superior	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
Medical C. WI	50	0	50	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	0	0	0	0	0	0	0	0	0	0	0

TABLE 12. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Net assignable square feet in thousands)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Guam											
Public											
U. GU	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico											
Public											
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	12	0	12	0	0	0	0	0	0	0	0
U. PR Rio Piedras	10	10	0	0	0	0	0	0	0	0	0
Private											
Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
Universidad del Este	0	0	0	0	0	0	0	0	0	0	0
Universidad del Turabo	0	0	0	0	0	0	0	0	0	0	0
Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the VI	0	0	0	0	0	0	0	0	0	0	0

* = value > 0 but < 500. NA = not available; data were not provided by institution.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 13. Costs for new construction of science and engineering research space in academic institutions, by field and time of construction: FY 2006–13

(Costs in millions of dollars)

Field	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
All research space	5,923.5	7,336.0	6,411.3	6,521.1	10,968.0	3,000.0
Agricultural and natural resources sciences	143.6	154.1	199.3	329.5	719.7	305.1
Biological and biomedical sciences	2,092.9	3,256.6	1,594.7	1,380.1	2,506.4	467.2
Computer and information sciences	296.0	175.1	64.8	300.1	337.9	185.9
Engineering	734.9	1,121.7	944.8	1,597.7	1,425.6	479.5
Health and clinical sciences	1,276.9	1,332.3	2,277.1	1,720.2	3,466.8	810.2
Mathematics and statistics	8.9	13.5	12.0	8.9	40.0	26.6
Physical sciences						
Earth, atmospheric, and ocean sciences	94.9	44.6	225.7	311.6	293.3	148.0
Astronomy, chemistry, and physics	631.5	657.5	593.6	631.9	1,062.7	268.5
Psychology	57.4	167.3	121.2	55.8	299.1	104.6
Social sciences	74.8	136.7	37.2	65.0	273.0	15.1
Other	511.6	276.6	340.9	120.3	543.4	189.3
Research animal space	757.4	725.1	513.0	na	na	na

na = not applicable; data were not collected on planned or deferred new construction of research animal space on FY 2011 survey.

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 14. Costs for new construction of research animal space in academic institutions, by type of institution and time of construction: FY 2004–11

(Costs in millions of dollars)

Type of institution	Started in FY 2004 or FY 2005	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011
All institutions	657.4	757.4	725.1	513.0
Doctorate granting	655.1	738.0	659.0	491.8
Nondoctorate granting	2.4	19.4	66.1	21.2
Public	484.8	523.8	467.2	477.9
Private	172.7	233.6	257.9	35.1

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 15. Costs and space for new construction of science and engineering research space in academic institutions, by type of institution and time of construction: FY 2006–13
(Costs in millions of dollars; net assignable square feet in millions)

Type of institution	Started in		Started in		Started in		Planned to start in		Costs of deferred projects	
	FY 2006 or FY 2007		FY 2008 or FY 2009		FY 2010 or FY 2011		FY 2012 or FY 2013		Included in	Not included in
	Costs	NASF	Costs	NASF	Costs	NASF	Costs	NASF	institutional plan	institutional plan
All institutions	5,923.5	8.8	7,336.0	9.9	6,411.3	8.1	6,521.1	8.4	10,968.0	3,000.0
Doctorate granting	5,681.3	8.4	7,012.4	9.3	6,242.8	7.8	6,373.1	8.2	10,348.2	2,771.5
Nondoctorate granting	242.2	0.4	323.6	0.5	168.5	0.2	147.9	0.3	619.8	228.5
Public	3,847.2	6.5	5,227.4	7.4	5,657.9	6.9	5,190.6	7.0	9,822.9	2,799.5
Private	2,076.3	2.3	2,108.6	2.5	753.4	1.2	1,330.5	1.5	1,145.1	200.4
Medical schools	626.7	0.7	2,137.0	2.5	1,966.9	2.3	1,551.2	1.9	2,699.9	313.8

NASF = net assignable square feet.

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 16. Costs for new construction of science and engineering research space in academic institutions, by field and geographic region: Started in FY 2010 or FY 2011

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	6,411.3	848.4	1,254.2	2,523.4	1,784.6
Agricultural and natural resources sciences	199.3	45.6	17.7	61.9	74.1
Biological and biomedical sciences	1,594.7	214.4	454.0	443.4	482.2
Computer and information sciences	64.8	1.6	15.4	41.5	6.3
Engineering	944.8	74.4	292.9	368.8	208.8
Health and clinical sciences	2,277.1	354.7	148.9	1,160.1	613.3
Mathematics and statistics	12.0	0.0	0.8	9.3	1.9
Physical sciences					
Earth, atmospheric, and ocean sciences	225.7	4.7	54.1	62.0	104.9
Astronomy, chemistry, and physics	593.6	40.4	133.7	315.8	103.7
Psychology	121.2	2.5	49.0	44.7	25.0
Social sciences	37.2	13.5	0.8	3.9	19.0
Other	340.9	96.7	86.8	12.1	145.3
Research animal space	513.0	90.2	74.4	69.7	278.0

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	0	0	0	0	0	0	0	0	0	0	0
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U. main campus	35,762	23,192	0	0	0	12,571	0	0	0	0	0
U. AL Birmingham, The	348	0	348	0	0	0	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Tuscaloosa, The	97,288	342	0	0	96,946	0	0	0	0	0	0
U. South AL	14,500	0	14,500	0	0	0	0	0	0	0	0
Private											
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	45,000	0	45,000	0	0	0	0	0	0	0	0
U. AK Southeast	0	0	0	0	0	0	0	0	0	0	0
Arizona											
Public											
AZ State U.	94,499	0	0	0	34,311	0	0	60,188	0	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	48,635	0	0	0	0	48,635	0	0	0	0	0
Arkansas											
Public											
AR State U. main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
U. AR Little Rock	9,059	0	0	0	0	0	0	0	0	0	9,059
U. AR main campus	750	0	0	0	0	0	0	750	0	0	0
U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	0	0	0	0	0	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	12,250	5,250	1,120	0	0	0	0	5,880	0	0	0
CA State Polytechnic U., Pomona	0	0	0	0	0	0	0	0	0	0	0
CA State U., Bakersfield	2,500	0	0	2,500	0	0	0	0	0	0	0
CA State U., Chico	0	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, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0
CA State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Northridge	0	0	0	0	0	0	0	0	0	0	0
CA State U., Sacramento	0	0	0	0	0	0	0	0	0	0	0
CA State U., San Bernardino	1,379	0	0	0	0	0	0	1,379	0	0	0
Humboldt State U.	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
San Francisco State U.	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
U. CA, Berkeley	149,474	530	0	0	36,744	0	0	0	0	0	112,200
U. CA, Davis	186,219	23,891	0	0	0	162,328	0	0	0	0	0
U. CA, Irvine	5,163	0	0	0	0	5,163	0	0	0	0	0
U. CA, Los Angeles	0	0	0	0	0	0	0	0	0	0	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	37,550	393	0	0	0	37,157	0	0	0	0	0
U. CA, San Diego	353,395	0	0	0	67,581	244,606	0	26,293	0	14,915	0
U. CA, San Francisco	173,000	0	173,000	0	0	0	0	0	0	0	0
U. CA, Santa Barbara	2,157	0	2,157	0	0	0	0	0	0	0	0
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
CA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Chapman U.	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
Claremont Graduate U.	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
Harvey Mudd C.	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
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	2,262	0	0	0	0	0	0	0	2,262	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0	0
Stanford U.	14,058	0	0	0	0	14,058	0	0	0	0	0
U. Redlands	0	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, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	0	0	0	0	0	0	0	0	0	0	0
U. San Francisco	17,770	2,205	3,150	3,595	0	0	1,890	6,930	0	0	0
U. Southern CA	19,329	0	0	0	0	0	0	0	11,634	0	7,695
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	400	0	400	0	0	0	0	0	0	0	0
Colorado											
Public											
CO School of Mines	9,144	0	0	0	9,144	0	0	0	0	0	0
CO State U.	6,314	250	6,064	0	0	0	0	0	0	0	0
Mesa State C.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	126,425	0	72,100	0	17,200	0	0	37,125	0	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Anschutz Medical Campus	13,260	0	0	0	0	13,260	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Public											
U. CT	0	0	0	0	0	0	0	0	0	0	0
Private											
Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0
Yale U.	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Public											
DE State U.	0	0	0	0	0	0	0	0	0	0	0
U. DE	62,800	0	10,000	0	26,400	0	0	26,400	0	0	0
District of Columbia											
Public											
U. DC	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

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0
George Washington U.	49,646	0	5,957	6,454	14,894	9,929	0	12,412	0	0	0
Georgetown U.	26,658	0	8,886	0	0	0	0	17,772	0	0	0
Howard U.	0	0	0	0	0	0	0	0	0	0	0
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	14,587	0	0	0	0	0	0	14,587	0	0	0
FL Gulf Coast U.	2,900	0	0	0	0	2,900	0	0	0	0	0
FL International U.	38,668	0	14,851	2,522	0	14,851	2,522	1,400	2,522	0	0
FL State U.	24,000	0	0	0	24,000	0	0	0	0	0	0
U. Central FL	0	0	0	0	0	0	0	0	0	0	0
U. FL	70,452	20,000	0	0	0	50,452	0	0	0	0	0
U. North FL	35,443	0	35,443	0	0	0	0	0	0	0	0
U. South FL	11,400	0	2,280	0	2,280	6,840	0	0	0	0	0
U. West FL	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	30,000	0	0	0	0	0	0	30,000	0	0	0
U. Miami	0	0	0	0	0	0	0	0	0	0	0
Georgia											
Public											
Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
GA Institute of Technology	24,750	0	0	0	24,750	0	0	0	0	0	0
GA Southern U.	12,733	0	12,733	0	0	0	0	0	0	0	0
GA State U.	1,389	0	0	0	0	0	0	0	0	0	1,389
Kennesaw State U.	850	0	850	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0
U. GA	0	0	0	0	0	0	0	0	0	0	0
U. West GA	0	0	0	0	0	0	0	0	0	0	0
Private											
Agnes Scott C.	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	62,000	0	0	0	0	62,000	0	0	0	0	0
Mercer U.	0	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, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Morehouse C.	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
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. HI Hilo	0	0	0	0	0	0	0	0	0	0	0
U. HI Manoa	0	0	0	0	0	0	0	0	0	0	0
Idaho											
Public											
Boise State U.	24,942	0	0	0	7,128	0	0	13,817	0	3,997	0
ID State U.	784	0	0	0	0	0	0	784	0	0	0
U. ID	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
Governors State U.	0	0	0	0	0	0	0	0	0	0	0
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Edwardsville	0	0	0	0	0	0	0	0	0	0	0
U. IL Chicago	7,250	0	0	0	0	7,250	0	0	0	0	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	0	0	0	0	0	0	0	0	0	0	0
Western IL U.	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
DePaul U.	0	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	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
Midwestern U. (Downers Grove, IL)	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	35,987	0	0	0	17,137	0	0	18,850	0	0	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
Rush U.	0	0	0	0	0	0	0	0	0	0	0
U. Chicago	2,300	0	0	0	0	2,300	0	0	0	0	0

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	0	0	0	0	0	0	0	0	0	0	0
IN State U.	0	0	0	0	0	0	0	0	0	0	0
IN U. Bloomington	1,607	0	0	1,607	0	0	0	0	0	0	0
IN U. South Bend	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Ft. Wayne	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Indianapolis	6,000	0	0	0	0	6,000	0	0	0	0	0
Purdue U. Calumet	3,240	0	0	0	3,240	0	0	0	0	0	0
Purdue U. West Lafayette	14,725	3,225	0	0	0	0	0	0	0	11,500	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	4,490	2,341	2,149	0	0	0	0	0	0	0	0
U. IA	122,615	0	122,615	0	0	0	0	0	0	0	0
U. Northern IA	332	0	332	0	0	0	0	0	0	0	0
Private											
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	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
U. KS	42,382	0	0	0	23,000	19,382	0	0	0	0	0
Wichita State U.	380	0	380	0	0	0	0	0	0	0	0
Kentucky											
Public											
Eastern KY U.	0	0	0	0	0	0	0	0	0	0	0
KY State U.	1,500	1,500	0	0	0	0	0	0	0	0	0
Morehead State U.	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
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	28,793	269	0	3,404	3,404	21,717	0	0	0	0	0

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	0	0	0	0	0	0	0	0	0	0	0
Western KY U.	1,269	0	0	0	0	0	0	0	1,269	0	0
Louisiana											
Public											
LA State U. and A&M C.	0	0	0	0	0	0	0	0	0	0	0
LA State U. Health Sciences Ctr. New Orleans	0	0	0	0	0	0	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	0	0	0	0	0	0	0	0	0	0	0
McNeese State U.	0	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U.	0	0	0	0	0	0	0	0	0	0	0
Southeastern LA U.	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
U. LA Lafayette	259	0	0	259	0	0	0	0	0	0	0
U. LA Monroe	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
Private											
Dillard U.	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	6,218	0	0	0	0	0	0	6,218	0	0	0
Xavier U. LA	0	0	0	0	0	0	0	0	0	0	0
Maine											
Public											
U. ME	3,450	0	0	0	3,450	0	0	0	0	0	0
U. Southern ME	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
Colby C.	0	0	0	0	0	0	0	0	0	0	0
U. New England	995	0	995	0	0	0	0	0	0	0	0
Maryland											
Public											
Morgan State U.	23,000	0	0	0	23,000	0	0	0	0	0	0
Towson U.	0	0	0	0	0	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD, Baltimore	0	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, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	0	0	0	0	0	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD, College Park	131,692	0	0	0	0	0	0	131,692	0	0	0
U. MD, Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U., The	39,913	0	0	1,558	38,355	0	0	0	0	0	0
Massachusetts											
Public											
U. MA Amherst	0	0	0	0	0	0	0	0	0	0	0
U. MA Boston	130,600	0	52,000	0	0	0	0	57,300	21,300	0	0
U. MA Dartmouth	0	0	0	0	0	0	0	0	0	0	0
U. MA Lowell	16,600	0	3,320	0	7,470	830	0	4,980	0	0	0
U. MA Worcester	191,685	0	95,843	0	0	95,843	0	0	0	0	0
Private											
Amherst C.	0	0	0	0	0	0	0	0	0	0	0
Boston C.	0	0	0	0	0	0	0	0	0	0	0
Boston U.	0	0	0	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	1,700	0	1,700	0	0	0	0	0	0	0	0
MA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	11,989	0	0	0	11,989	0	0	0	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0
Williams C.	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	12,100	0	0	0	4,033	0	0	8,067	0	0	0
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Public											
Eastern MI U.	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
MI State U.	66,976	17,896	21,100	0	0	7,480	0	20,500	0	0	0
MI Technological U.	20,278	0	0	0	0	0	0	0	0	0	20,278

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
U. MI-Ann Arbor	0	0	0	0	0	0	0	0	0	0	0
U. MI-Dearborn	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
Western MI U.	700	0	0	0	0	0	0	0	0	700	0
Private											
Calvin C.	0	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	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
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	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
U. MN, Duluth	0	0	0	0	0	0	0	0	0	0	0
U. MN, Twin Cities	188,085	0	0	0	0	167,286	0	0	0	0	20,799
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0
Mayo Medical School C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0
Mississippi											
Public											
Alcorn State U.	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
MS State U.	2,684	2,100	0	0	584	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	641	0	641	0	0	0	0	0	0	0	0
U. Southern MS	2,000	0	2,000	0	0	0	0	0	0	0	0
Private											
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	0	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, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
MO State U.	7,600	5,800	1,800	0	0	0	0	0	0	0	0
MO U. of Science and Technology	4,216	0	0	0	4,216	0	0	0	0	0	0
U. MO-Columbia	0	0	0	0	0	0	0	0	0	0	0
U. MO-Kansas City	0	0	0	0	0	0	0	0	0	0	0
U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0	0
Private											
A. T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	0	0	0	0	0	0	0	0	0	0	0
Washington U. St. Louis	2,884	0	0	0	2,884	0	0	0	0	0	0
Montana											
Public											
MT State U. Bozeman	0	0	0	0	0	0	0	0	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0	0
U. MT, The	0	0	0	0	0	0	0	0	0	0	0
Nebraska											
Public											
U. NE Lincoln	13,350	0	2,560	0	0	5,000	0	5,790	0	0	0
U. NE Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. NE Omaha	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
Nevada											
Public											
Desert Research Institute	450	0	0	0	450	0	0	0	0	0	0
U. NV, Las Vegas	910	0	0	0	910	0	0	0	0	0	0
U. NV, Reno	0	0	0	0	0	0	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	0	0	0	0	0	0	0	0	0	0	0
Private											
Dartmouth C.	0	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, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
New Jersey											
Public											
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0
NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	35,000	0	35,000	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Camden	350	0	0	0	0	0	0	0	350	0	0
Rutgers, the State U. NJ-New Brunswick	47,000	0	47,000	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Newark	0	0	0	0	0	0	0	0	0	0	0
U. of Medicine and Dentistry NJ	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
Princeton U.	151,022	0	90,315	9,240	10,340	0	820	12,140	27,367	800	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	2,550	0	0	0	2,550	0	0	0	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0
NM Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0
NM State U.	500	500	0	0	0	0	0	0	0	0	0
U. NM	9,899	0	9,899	0	0	0	0	0	0	0	0
New York											
Public											
CUNY, Baruch C.	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
CUNY, City C.	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
CUNY, Graduate Ctr.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	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
CUNY, Queens C.	42,000	0	0	0	0	0	0	42,000	0	0	0
SUNY, Albany	257,300	0	0	0	171,533	0	0	0	0	0	85,767
SUNY, Binghamton	30,996	0	0	4,047	21,192	5,758	0	0	0	0	0
SUNY, Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Buffalo	17,096	1,388	8,017	0	0	0	0	7,691	0	0	0
SUNY, C. Geneseo	0	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, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. of Agriculture and Technology Cobleskill	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
SUNY, C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	0	0	0	0	0	0	0	0	0	0	0
SUNY, Stony Brook	2,625	2,625	0	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	72,000	0	72,000	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	19,456	0	19,456	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	2,034	0	0	0	2,034	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	2,726	0	0	0	0	0	0	2,726	0	0	0
Cornell U.	27,303	13,652	13,652	0	0	0	0	0	0	0	0
Fordham U.	0	0	0	0	0	0	0	0	0	0	0
Hamilton C.	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
Hofstra U.	1,050	0	0	0	0	0	0	0	0	0	1,050
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	0	0	0	0	0	0	0	0	0	0	0
New School, The	0	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
NY Medical C.	0	0	0	0	0	0	0	0	0	0	0
NY U.	0	0	0	0	0	0	0	0	0	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0
Polytechnic U.	2,000	0	0	2,000	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	33,927	0	0	0	33,486	0	0	441	0	0	0
Rockefeller U., The	0	0	0	0	0	0	0	0	0	0	0
Siena C.	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0
Teachers C. Columbia U.	0	0	0	0	0	0	0	0	0	0	0
Union C. (Schenectady, NY)	0	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, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Rochester	0	0	0	0	0	0	0	0	0	0	0
Vassar C.	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	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
East Carolina U.	527	0	527	0	0	0	0	0	0	0	0
Elizabeth City State U.	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
NC Agricultural and Technical State U.	0	0	0	0	0	0	0	0	0	0	0
NC Central U.	650	0	0	0	0	650	0	0	0	0	0
NC State U.	2,960	2,960	0	0	0	0	0	0	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	158,529	0	63,411	0	0	63,411	0	31,706	0	0	0
U. NC Charlotte	41,500	0	0	0	4,500	37,000	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	27,572	0	21,534	0	0	0	0	0	6,038	0	0
Private											
Davidson C.	0	0	0	0	0	0	0	0	0	0	0
Duke U.	0	0	0	0	0	0	0	0	0	0	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0	0	0	0	0	0
North Dakota											
Public											
ND State U.	20,493	15,743	0	0	1,000	0	0	0	2,500	1,250	0
U. ND	4,000	0	0	0	4,000	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	0	0	0	0	0	0	0	0	0	0	0
Central State U.	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
Kent State U.	0	0	0	0	0	0	0	0	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeast OH Medical U.	42,000	0	42,000	0	0	0	0	0	0	0	0
OH State U.	0	0	0	0	0	0	0	0	0	0	0
OH U.	0	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, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Akron	8,155	0	0	0	8,155	0	0	0	0	0	0
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	6,975	0	6,185	0	0	790	0	0	0	0	0
Wright State U.	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
Private											
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	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
OK State U. Ctr. for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
OK State U. Stillwater	0	0	0	0	0	0	0	0	0	0	0
U. Central OK	0	0	0	0	0	0	0	0	0	0	0
U. OK	13,000	0	0	0	0	0	0	13,000	0	0	0
Private											
U. Tulsa	7,164	0	0	1,650	5,514	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	0	0	0	0	0	0	0	0	0	0	0
OR State U.	40,000	0	0	0	0	0	0	40,000	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0
U. OR	30,292	0	11,223	0	0	0	0	8,003	11,067	0	0
Private											
Lewis & Clark C.	0	0	0	0	0	0	0	0	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0	0
PA State U. Erie, The Behrend C.	0	0	0	0	0	0	0	0	0	0	0
PA State U. Harrisburg	0	0	0	0	0	0	0	0	0	0	0

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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
PA State U. University Park and Hershey Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Temple U.	10,000	0	10,000	0	0	0	0	0	0	0	0
U. Pittsburgh main campus	32,383	0	0	0	0	0	0	32,383	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Bryn Mawr C.	1,400	0	0	0	0	0	0	1,400	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	0	0	0	0	0	0	0	0	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	0	0	0	0	0	0	0	0
Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0
Mercyhurst C.	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
Philadelphia U.	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0
St. Francis U.	2,883	0	1,195	0	0	0	0	1,688	0	0	0
St. Joseph's U.	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	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
U. PA	38,800	0	0	0	24,700	0	0	14,100	0	0	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0
Washington and Jefferson C.	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Public											
U. RI	46,510	0	0	0	0	46,510	0	0	0	0	0
Private											
Brown U.	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
South Carolina											
Public											
Clemson U.	47,000	0	47,000	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, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Coastal Carolina U.	3,950	0	2,250	0	0	0	0	1,700	0	0	0
C. Charleston	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
SC State U.	50,000	0	0	9,500	27,000	0	1,000	11,000	0	0	1,500
U. SC Columbia	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
Claffin U.	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	0	0	0	0	0	0	0	0	0	0	0
SD School of Mines and Technology	15,387	0	6,462	0	8,924	0	0	0	0	0	0
SD State U.	1,874	344	0	0	1,530	0	0	0	0	0	0
U. SD	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
Public											
East TN State U.	0	0	0	0	0	0	0	0	0	0	0
Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN State U.	1,287	0	975	0	312	0	0	0	0	0	0
TN Technological U.	0	0	0	0	0	0	0	0	0	0	0
U. Memphis, The	0	0	0	0	0	0	0	0	0	0	0
U. TN Chattanooga	0	0	0	0	0	0	0	0	0	0	0
U. TN Knoxville	11,600	0	0	0	7,500	4,100	0	0	0	0	0
U. TN Martin	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
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	775	0	0	0	0	0	0	0	0	775	0
Texas											
Public											
Angelo State U.	0	0	0	0	0	0	0	0	0	0	0
Lamar U.	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
Sam Houston State U.	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

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
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	0	0
TX A&M International U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Kingsville	434	434	0	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
TX Southern U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TX State U.-San Marcos	2,067	0	0	0	1,034	0	0	1,033	0	0	0
TX Tech U.	0	0	0	0	0	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	5,023	0	5,023	0	0	0	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	24,772	0	6,661	0	5,725	0	5,725	6,661	0	0	0
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0	0
U. North TX	1,150	0	0	0	1,150	0	0	0	0	0	0
U. North TX Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Arlington	0	0	0	0	0	0	0	0	0	0	0
U. TX Austin	155,152	0	41,326	15,057	10,584	38,219	0	32,141	14,693	3,133	0
U. TX Brownsville	0	0	0	0	0	0	0	0	0	0	0
U. TX Dallas	0	0	0	0	0	0	0	0	0	0	0
U. TX El Paso	27,000	0	11,250	0	15,750	0	0	0	0	0	0
U. TX Health Science Ctr. Houston	2,861	0	0	0	0	2,861	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
U. TX of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX-Pan American	0	0	0	0	0	0	0	0	0	0	0
U. TX San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr.	820,137	0	0	0	0	820,137	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	3,103	338	294	0	2,472	0	0	0	0	0	0
Private											
Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0
Rice U.	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
TX Christian U.	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	14,420	0	6,554	551	2,272	0	0	2,736	2,307	0	0

TABLE 17. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Utah											
Public											
U. UT	75,104	0	0	0	5,219	62,460	0	7,426	0	0	0
UT State U.	5,064	5,064	0	0	0	0	0	0	0	0	0
Private											
Brigham Young U.	0	NA	NA	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	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
Virginia											
Public											
Christopher Newport U.	12,567	0	4,067	424	0	0	0	1,273	6,803	0	0
C. of William and Mary and VA Institute of Marine Science	3,307	3,307	0	0	0	0	0	0	0	0	0
George Mason U.	50,691	0	40,000	0	0	0	0	0	10,691	0	0
James Madison U.	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
Old Dominion U.	0	0	0	0	0	0	0	0	0	0	0
U. VA	1,315	1,315	0	0	0	0	0	0	0	0	0
VA Commonwealth U.	11,817	0	0	0	0	11,817	0	0	0	0	0
VA Polytechnic Institute and State U.	64,332	0	27,610	0	19,275	0	0	17,447	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	8,695	0	8,695	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0
Washington											
Public											
Central WA U.	0	0	0	0	0	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0
U. WA Seattle	0	0	0	0	0	0	0	0	0	0	0
WA State U.	125,930	0	70,950	0	30,010	24,970	0	0	0	0	0
Western WA U.	0	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, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Bastyr U.	0	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	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
Seattle U.	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	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
WV State U.	0	0	0	0	0	0	0	0	0	0	0
WV U.	23,606	6,063	0	0	0	0	0	17,543	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI-Eau Claire	0	0	0	0	0	0	0	0	0	0	0
U. WI-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0	0	0	0	0	0
U. WI-Madison	192,946	0	0	0	0	137,346	0	0	0	0	55,600
U. WI-Milwaukee	1,900	0	0	0	0	1,900	0	0	0	0	0
U. WI-Oshkosh	0	0	0	0	0	0	0	0	0	0	0
U. WI-Stevens Point	0	0	0	0	0	0	0	0	0	0	0
U. WI-Superior	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
Medical C. WI	8,700	0	8,700	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	58,150	0	32,750	0	0	0	0	0	0	0	25,400
Guam											
Public											
U. GU	0	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, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Puerto Rico											
Public											
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	792	0	792	0	0	0	0	0	0	0	0
U. PR Rio Piedras	0	0	0	0	0	0	0	0	0	0	0
Private											
Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
Universidad del Este	0	0	0	0	0	0	0	0	0	0	0
Universidad del Turabo	0	0	0	0	0	0	0	0	0	0	0
Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the VI	0	0	0	0	0	0	0	0	0	0	0

NA = not available; data were not provided by institution.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 18. Costs for new construction of science and engineering research space in academic institutions, by field and geographic region: Planned to start in FY 2012 or FY 2013

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	6,521.1	1,312.0	1,373.3	2,311.9	1,517.2
Agricultural and natural resources sciences	329.5	43.3	55.3	161.6	67.4
Biological and biomedical sciences	1,380.1	270.9	149.0	847.9	107.5
Computer and information sciences	300.1	52.6	78.2	160.4	8.9
Engineering	1,597.7	233.7	400.1	578.8	385.1
Health and clinical sciences	1,720.2	286.5	402.1	367.4	664.2
Mathematics and statistics	8.9	0.0	0.6	8.3	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	311.6	86.0	42.0	76.0	107.6
Astronomy, chemistry, and physics	631.9	287.2	167.0	91.0	86.6
Psychology	55.8	39.4	14.4	2.0	0.0
Social sciences	65.0	6.3	0.0	2.1	56.6
Other	120.3	6.2	64.6	16.3	33.2

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	0	0	0	0	0	0	0	0	0	0	0
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U. main campus	2,100	0	2,100	0	0	0	0	0	0	0	0
U. AL Birmingham, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Tuscaloosa, The	28,718	0	0	0	0	0	0	26,600	0	2,118	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	0	0	0	0	0	0	0	0	0	0	0
U. AK Southeast	0	0	0	0	0	0	0	0	0	0	0
Arizona											
Public											
AZ State U.	0	0	0	0	0	0	0	0	0	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	33,916	4,682	18,996	0	0	10,238	0	0	0	0	0
Arkansas											
Public											
AR State U. main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
U. AR Little Rock	0	0	0	0	0	0	0	0	0	0	0
U. AR main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	0	0	0	0	0	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	0	0	0	0	0	0	0	0	0	0	0
CA State Polytechnic U., Pomona	0	0	0	0	0	0	0	0	0	0	0
CA State U., Bakersfield	0	0	0	0	0	0	0	0	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	26,490	24,084	0	0	0	2,406	0	0	0	0	0
CA State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0
CA State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Northridge	0	0	0	0	0	0	0	0	0	0	0
CA State U., Sacramento	0	0	0	0	0	0	0	0	0	0	0
CA State U., San Bernardino	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
San Diego State U.	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
San Jose State U.	0	0	0	0	0	0	0	0	0	0	0
U. CA, Berkeley	63,354	0	0	0	0	0	0	63,354	0	0	0
U. CA, Davis	139,362	7,000	0	0	52,362	80,000	0	0	0	0	0
U. CA, Irvine	0	0	0	0	0	0	0	0	0	0	0
U. CA, Los Angeles	122,000	0	0	0	53,000	69,000	0	0	0	0	0
U. CA, Merced	88,819	0	0	4,885	83,934	0	0	0	0	0	0
U. CA, Riverside	648	0	648	0	0	0	0	0	0	0	0
U. CA, San Diego	248,109	0	0	0	0	241,725	0	6,384	0	0	0
U. CA, San Francisco	118,600	0	0	0	0	118,600	0	0	0	0	0
U. CA, Santa Barbara	78,693	0	22,745	0	22,745	0	0	0	0	0	33,203
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
CA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Chapman U.	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
Claremont Graduate U.	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
Harvey Mudd C.	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
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	667	0	0	0	0	0	0	0	0	667	0
Pomona C.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0	0
Stanford U.	161,164	0	3,296	3,296	109,493	38,487	0	6,592	0	0	0
U. Redlands	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	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
U. Southern CA	117,100	0	61,200	0	0	0	0	0	0	55,900	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Public											
CO School of Mines	38,600	0	0	600	0	0	0	38,000	0	0	0
CO State U.	52,750	0	0	0	48,900	3,850	0	0	0	0	0
Mesa State C.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	79,486	0	0	0	0	0	0	79,486	0	0	0
U. CO Colorado Springs	16,000	0	0	0	0	16,000	0	0	0	0	0
U. CO Denver and Anschutz Medical Campus	0	0	0	0	0	0	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Public											
U. CT	96,578	0	19,430	0	39,680	0	0	25,400	12,068	0	0
Private											
Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0	0	0	0	0	0
Yale U.	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Public											
DE State U.	15,000	0	0	0	15,000	0	0	0	0	0	0
U. DE	0	0	0	0	0	0	0	0	0	0	0
District of Columbia											
Public											
U. DC	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

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Gallaudet U.	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
Georgetown U.	0	0	0	0	0	0	0	0	0	0	0
Howard U.	70,000	0	14,000	7,000	14,000	21,000	0	14,000	0	0	0
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	57,898	0	48,070	0	0	9,828	0	0	0	0	0
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	9,826	1,664	0	0	0	4,450	0	2,002	1,709	0	0
FL State U.	0	0	0	0	0	0	0	0	0	0	0
U. Central FL	0	0	0	0	0	0	0	0	0	0	0
U. FL	0	0	0	0	0	0	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	0	0	0	0	0	0	0	0	0	0	0
U. West FL	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	37,350	0	12,000	0	0	25,350	0	0	0	0	0
U. Miami	66,551	0	18,968	0	0	0	0	47,583	0	0	0
Georgia											
Public											
Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
GA Institute of Technology	98,000	0	0	0	98,000	0	0	0	0	0	0
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	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
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0
U. GA	0	0	0	0	0	0	0	0	0	0	0
U. West GA	0	0	0	0	0	0	0	0	0	0	0
Private											
Agnes Scott C.	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	76,800	0	25,200	0	0	0	0	51,600	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Morehouse C.	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
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. HI Hilo	0	0	0	0	0	0	0	0	0	0	0
U. HI Manoa	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
ID State U.	0	0	0	0	0	0	0	0	0	0	0
U. ID	937	540	0	0	397	0	0	0	0	0	0
Illinois											
Public											
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0
Governors State U.	0	0	0	0	0	0	0	0	0	0	0
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Edwardsville	23,260	0	10,070	0	6,300	0	0	6,890	0	0	0
U. IL Chicago	0	0	0	0	0	0	0	0	0	0	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	68,000	0	0	22,600	45,400	0	0	0	0	0	0
Western IL U.	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
DePaul U.	0	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Loyola U. Chicago	945	945	0	0	0	0	0	0	0	0	0
Midwestern U. (Downers Grove, IL)	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	40,465	0	0	0	10,743	0	0	29,722	0	0	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
Rush U.	0	0	0	0	0	0	0	0	0	0	0
U. Chicago	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	0	0	0	0	0	0	0	0	0	0	0
IN State U.	0	0	0	0	0	0	0	0	0	0	0
IN U. Bloomington	38,000	0	8,000	30,000	0	0	0	0	0	0	0
IN U. South Bend	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Ft. Wayne	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Indianapolis	78,000	0	6,250	0	6,250	53,000	0	0	6,250	6,250	0
Purdue U. Calumet	0	0	0	0	0	0	0	0	0	0	0
Purdue U. West Lafayette	171,617	30,000	39,902	0	47,714	54,000	0	0	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	12,410	0	1,375	0	11,035	0	0	0	0	0	0
U. IA	33,144	0	0	0	0	0	0	0	33,144	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	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
U. KS	30,000	0	0	0	30,000	0	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
Eastern KY U.	0	0	0	0	0	0	0	0	0	0	0
KY State U.	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
Murray State U.	0	0	0	0	0	0	0	0	0	0	0
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	8,890	0	8,890	0	0	0	0	0	0	0	0
Western KY U.	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Public											
LA State U. and A&M C.	0	0	0	0	0	0	0	0	0	0	0
LA State U. Health Sciences Ctr. New Orleans	30,808	0	16,927	0	0	13,881	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	0	0	0	0	0	0	0	0	0	0	0
McNeese State U.	0	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	18,300	0	0	18,300	0	0	0	0	0	0	0
Northwestern State U.	0	0	0	0	0	0	0	0	0	0	0
Southeastern LA U.	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
U. LA Lafayette	0	0	0	0	0	0	0	0	0	0	0
U. LA Monroe	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
Private											
Dillard U.	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	3,648	0	3,648	0	0	0	0	0	0	0	0
Xavier U. LA	0	0	0	0	0	0	0	0	0	0	0
Maine											
Public											
U. ME	0	0	0	0	0	0	0	0	0	0	0
U. Southern ME	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
Colby C.	4,384	0	0	1,611	0	0	588	0	2,185	0	0
U. New England	0	0	0	0	0	0	0	0	0	0	0
Maryland											
Public											
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Towson U.	0	0	0	0	0	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD, Baltimore	284,000	0	85,200	0	0	198,800	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	0	0	0	0	0	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD, College Park	0	0	0	0	0	0	0	0	0	0	0
U. MD, Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U., The	72,500	0	35,000	23,438	14,063	0	0	0	0	0	0
Massachusetts											
Public											
U. MA Amherst	0	0	0	0	0	0	0	0	0	0	0
U. MA Boston	0	0	0	0	0	0	0	0	0	0	0
U. MA Dartmouth	51,000	0	26,000	0	0	0	0	25,000	0	0	0
U. MA Lowell	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	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
Boston C.	0	0	0	0	0	0	0	0	0	0	0
Boston U.	0	0	0	0	0	0	0	0	0	0	0
Brandeis U.	0	0	0	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	2,000	0	0	0	2,000	0	0	0	0	0	0
MA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	0	0	0	0	0	0	0	0	0	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0
Williams C.	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
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Public											
Eastern MI U.	0	0	0	0	0	0	0	0	0	0	0
Grand Valley State U.	3,000	0	0	0	0	0	0	3,000	0	0	0
MI State U.	136,300	0	0	0	0	0	0	136,300	0	0	0
MI Technological U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
U. MI-Ann Arbor	0	0	0	0	0	0	0	0	0	0	0
U. MI-Dearborn	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	90,415	0	90,415	0	0	0	0	0	0	0	0
Western MI U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Calvin C.	0	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	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
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	0	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	18,000	0	5,000	0	10,000	3,000	0	0	0	0	0
U. MN, Duluth	0	0	0	0	0	0	0	0	0	0	0
U. MN, Twin Cities	121,240	0	0	0	0	38,240	0	83,000	0	0	0
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0
Mayo Medical School C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0
Mississippi											
Public											
Alcorn State U.	600	600	0	0	0	0	0	0	0	0	0
Jackson State U.	0	0	0	0	0	0	0	0	0	0	0
MS State U.	0	0	0	0	0	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	35,932	0	35,932	0	0	0	0	0	0	0	0
U. Southern MS	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

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	1,200	1,200	0	0	0	0	0	0	0	0	0
MO State U.	2,500	0	2,500	0	0	0	0	0	0	0	0
MO U. of Science and Technology	4,729	0	0	0	4,729	0	0	0	0	0	0
U. MO-Columbia	0	0	0	0	0	0	0	0	0	0	0
U. MO-Kansas City	0	0	0	0	0	0	0	0	0	0	0
U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0	0
Private											
A. T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	0	0	0	0	0	0	0	0	0	0	0
Washington U. St. Louis	56,440	0	56,440	0	0	0	0	0	0	0	0
Montana											
Public											
MT State U. Bozeman	24,000	24,000	0	0	0	0	0	0	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0	0
U. MT, The	0	0	0	0	0	0	0	0	0	0	0
Nebraska											
Public											
U. NE Lincoln	0	0	0	0	0	0	0	0	0	0	0
U. NE Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. NE Omaha	6,000	0	0	0	0	0	0	0	0	0	6,000
Private											
Creighton U.	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
U. NV, Las Vegas	0	0	0	0	0	0	0	0	0	0	0
U. NV, Reno	12,546	0	0	0	12,546	0	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Dartmouth C.	9,300	0	9,300	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
NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Camden	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-New Brunswick	171,000	51,000	0	0	0	0	0	120,000	0	0	0
Rutgers, the State U. NJ-Newark	0	0	0	0	0	0	0	0	0	0	0
U. of Medicine and Dentistry NJ	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
Princeton U.	173,587	0	0	0	173,587	0	0	0	0	0	0
Seton Hall U.	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
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0
NM Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0
NM State U.	0	0	0	0	0	0	0	0	0	0	0
U. NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
New York											
Public											
CUNY, Baruch C.	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
CUNY, City C.	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
CUNY, Graduate Ctr.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	1,800	0	0	0	0	1,800	0	0	0	0	0
CUNY, Hunter C.	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
CUNY, Queens C.	0	0	0	0	0	0	0	0	0	0	0
SUNY, Albany	13,800	0	0	0	0	0	0	0	0	0	13,800
SUNY, Binghamton	0	0	0	0	0	0	0	0	0	0	0
SUNY, Buffalo	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Geneseo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Agriculture and Technology Cobleskill	3,600	3,600	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
SUNY, C. of Optometry	2,360	0	0	0	0	0	0	0	0	0	2,360
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	100,000	0	40,000	0	0	60,000	0	0	0	0	0
SUNY, Stony Brook	192,000	0	0	45,000	0	140,000	0	7,000	0	0	0
SUNY, Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	8,634	0	0	0	8,634	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	6,900	0	0	0	6,900	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	20,425	0	0	0	11,500	0	0	8,925	0	0	0
Cornell U.	32,532	495	0	30,000	0	2,037	0	0	0	0	0
Fordham U.	0	0	0	0	0	0	0	0	0	0	0
Hamilton C.	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
Hofstra U.	4,500	0	1,000	0	0	0	0	0	0	0	3,500
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	0	0	0	0	0	0	0	0	0	0	0
New School, The	0	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	3,000	0	0	1,500	1,500	0	0	0	0	0	0
NY Medical C.	0	0	0	0	0	0	0	0	0	0	0
NY U.	156,400	0	52,133	0	0	104,267	0	0	0	0	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0
Polytechnic U.	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
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U., The	0	0	0	0	0	0	0	0	0	0	0
Siena C.	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Teachers C. Columbia U.	0	0	0	0	0	0	0	0	0	0	0
Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	0	0	0	0	0	0	0	0	0	0	0
Vassar C.	38,000	0	0	0	0	0	0	0	0	0	38,000
Yeshiva U.	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
East Carolina U.	0	0	0	0	0	0	0	0	0	0	0
Elizabeth City State U.	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
NC Agricultural and Technical State U.	0	0	0	0	0	0	0	0	0	0	0
NC Central U.	0	0	0	0	0	0	0	0	0	0	0
NC State U.	0	0	0	0	0	0	0	0	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	0	0	0	0	0	0	0	0	0	0	0
U. NC Charlotte	0	0	0	0	0	0	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	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
Duke U.	7,024	0	7,024	0	0	0	0	0	0	0	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0	0	0	0	0	0
North Dakota											
Public											
ND State U.	19,775	8,775	2,000	0	9,000	0	0	0	0	0	0
U. ND	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	4,500	0	0	0	0	4,500	0	0	0	0	0
Central State U.	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
Kent State U.	0	0	0	0	0	0	0	0	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeast OH Medical U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
OH State U.	126,000	0	31,000	0	31,000	33,000	0	31,000	0	0	0
OH U.	0	0	0	0	0	0	0	0	0	0	0
U. Akron	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	0	0	0	0	0	0	0	0	0	0	0
Wright State U.	22,000	0	0	0	0	22,000	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Case Western Reserve U.	13,000	0	0	0	0	13,000	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	2,000	0	0	0	2,000	0	0	0	0	0	0
Oklahoma											
Public											
Langston U.	3,000	3,000	0	0	0	0	0	0	0	0	0
OK State U. Ctr. for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
OK State U. Stillwater	0	0	0	0	0	0	0	0	0	0	0
U. Central OK	0	0	0	0	0	0	0	0	0	0	0
U. OK	13,670	0	0	0	13,670	0	0	0	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	83,521	0	0	0	0	83,521	0	0	0	0	0
OR State U.	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
U. OR	0	0	0	0	0	0	0	0	0	0	0
Private											
Lewis & Clark C.	0	0	0	0	0	0	0	0	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0	0
PA State U. Erie, The Behrend C.	4,200	0	0	0	0	0	0	0	0	0	4,200

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
PA State U. Harrisburg	5,000	0	0	0	5,000	0	0	0	0	0	0
PA State U. University Park and Hershey Medical Ctr.	79,900	0	0	0	79,900	0	0	0	0	0	0
Temple U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. Pittsburgh main campus	91,945	0	0	0	0	91,945	0	0	0	0	0
West Chester U. PA	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
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	70,000	0	0	0	70,000	0	0	0	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	0	0	0	0	0	0	0	0	0	0	0
Duquesne U.	0	0	0	0	0	0	0	0	0	0	0
Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0
Mercyhurst C.	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
Philadelphia U.	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0
St. Francis U.	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's U.	0	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	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
U. PA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	0	0	0	0	0	0	0	0	0	0	0
Washington and Jefferson C.	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Public											
U. RI	21,630	0	0	0	0	0	0	21,630	0	0	0
Private											
Brown U.	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

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
South Carolina											
Public											
Clemson U.	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	7,002	0	2,884	0	0	0	0	3,798	320	0	0
C. Charleston	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
SC State U.	0	0	0	0	0	0	0	0	0	0	0
U. SC Columbia	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
Claffin U.	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	0	0	0	0	0	0	0	0	0	0	0
SD School of Mines and Technology	1,502	0	0	0	1,502	0	0	0	0	0	0
SD State U.	4,595	2,300	0	0	2,295	0	0	0	0	0	0
U. SD	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
Public											
East TN State U.	0	0	0	0	0	0	0	0	0	0	0
Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN State U.	8,000	8,000	0	0	0	0	0	0	0	0	0
TN Technological U.	0	0	0	0	0	0	0	0	0	0	0
U. Memphis, The	33,040	0	8,238	0	8,238	0	8,328	8,238	0	0	0
U. TN Chattanooga	0	0	0	0	0	0	0	0	0	0	0
U. TN Knoxville	61,350	0	0	49,000	12,350	0	0	0	0	0	0
U. TN Martin	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
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	7,600	0	7,600	0	0	0	0	0	0	0	0
Texas											
Public											
Angelo State U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Lamar U.	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
Sam Houston State U.	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
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	0	0
TX A&M International U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.	203,850	0	201,000	0	0	0	0	2,850	0	0	0
TX A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Kingsville	0	0	0	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	80,000	0	80,000	0	0	0	0	0	0	0	0
TX Southern U.	0	0	0	0	0	0	0	0	0	0	0
TX State U.-San Marcos	0	0	0	0	0	0	0	0	0	0	0
TX Tech U.	0	0	0	0	0	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	15,833	0	3,000	0	0	12,833	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	54,000	0	0	0	0	54,000	0	0	0	0	0
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0	0
U. North TX	30,450	0	1,500	0	18,950	0	0	10,000	0	0	0
U. North TX Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Arlington	0	0	0	0	0	0	0	0	0	0	0
U. TX Austin	346,000	0	0	56,000	290,000	0	0	0	0	0	0
U. TX Brownsville	4,993	0	4,993	0	0	0	0	0	0	0	0
U. TX Dallas	0	0	0	0	0	0	0	0	0	0	0
U. TX El Paso	0	0	0	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. Houston	0	0	0	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	200,000	0	200,000	0	0	0	0	0	0	0	0
U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
U. TX of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX-Pan American	0	0	0	0	0	0	0	0	0	0	0
U. TX San Antonio	4,358	0	0	4,358	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Baylor C. of Medicine	14,900	0	14,900	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0
Rice U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Southern Methodist U.	16,184	0	0	0	0	0	0	0	0	0	16,184
TX Christian U.	0	0	0	0	0	0	0	0	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0
Utah											
Public											
U. UT	0	0	0	0	0	0	0	0	0	0	0
UT State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Brigham Young U.	0	NA	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	1,880	0	0	0	0	1,880	0	0	0	0	0
Private											
Middlebury C.	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
C. of William and Mary and VA Institute of Marine Science	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
James Madison U.	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
Old Dominion U.	22,203	0	0	0	22,203	0	0	0	0	0	0
U. VA	0	0	0	0	0	0	0	0	0	0	0
VA Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0
VA Polytechnic Institute and State U.	77,964	53,759	0	0	24,205	0	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	8,000	0	8,000	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0
Washington											
Public											
Central WA U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0
U. WA Seattle	0	0	0	0	0	0	0	0	0	0	0
WA State U.	0	0	0	0	0	0	0	0	0	0	0
Western WA U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Bastyr U.	0	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	0	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	1,572	562	594	0	0	0	0	416	0	0	0
Seattle U.	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Marshall U.	22,894	4,609	2,289	1,232	6,339	8,424	0	0	0	0	0
WV State U.	1,750	1,500	250	0	0	0	0	0	0	0	0
WV U.	148,300	88,100	0	0	41,400	18,800	0	0	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI-Eau Claire	0	0	0	0	0	0	0	0	0	0	0
U. WI-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0	0	0	0	0	0
U. WI-Madison	52,870	0	0	0	0	52,870	0	0	0	0	0
U. WI-Milwaukee	110,500	0	0	0	15,000	12,500	0	83,000	0	0	0
U. WI-Oshkosh	0	0	0	0	0	0	0	0	0	0	0
U. WI-Stevens Point	0	0	0	0	0	0	0	0	0	0	0
U. WI-Superior	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
Medical C. WI	17,500	0	17,500	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	0	0	0	0	0	0	0	0	0	0	0

TABLE 19. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Guam											
Public											
U. GU	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico											
Public											
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	4,700	0	4,700	0	0	0	0	0	0	0	0
U. PR Rio Piedras	2,000	2,000	0	0	0	0	0	0	0	0	0
Private											
Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
Universidad del Este	0	0	0	0	0	0	0	0	0	0	0
Universidad del Turabo	0	0	0	0	0	0	0	0	0	0	0
Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the VI	0	0	0	0	0	0	0	0	0	0	0

NA = not available; data were not provided by institution.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 20. Costs for new construction of science and engineering research space in academic institutions, by geographic region and time of construction: FY 2006–13

(Costs in millions of dollars)

Geographic region	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
United States	5,923.5	7,336.0	6,411.3	6,521.1	10,968.0	3,000.0
Midwest	657.1	817.2	848.4	1,312.0	2,573.3	1,303.5
Northeast	1,595.2	2,073.8	1,254.2	1,373.3	1,443.6	814.8
South	1,902.6	2,905.8	2,523.4	2,311.9	3,792.2	698.9
West	1,766.7	1,478.9	1,784.6	1,517.2	3,158.9	182.8

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Alabama						
Public						
AL A&M U.	0	NA	0	0	0	0
AL State U.	20,000	0	0	0	0	0
Auburn U. main campus ^a	na	na	35,762	2,100	0	0
U. AL Birmingham, The	0	5,065	348	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0
U. AL Tuscaloosa, The	0	0	97,288	28,718	0	0
U. South AL	15,300	8,000	14,500	0	0	0
Private						
Tuskegee U.	3,836	0	0	0	0	0
Alaska						
Public						
U. AK Fairbanks	NA	0	45,000	0	0	0
U. AK Southeast	na	NA	0	0	0	0
Arizona						
Public						
AZ State U.	0	0	94,499	0	0	0
Northern AZ U.	0	0	0	0	0	0
U. AZ	18,605	4,446	48,635	33,916	0	0
Arkansas						
Public						
AR State U. main campus	0	0	0	0	0	0
U. AR for Medical Sciences	0	13,491	0	0	0	0
U. AR Little Rock	0	5,400	9,059	0	0	0
U. AR main campus	8,300	48,800	750	0	0	NA
U. AR Pine Bluff	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	22,100
California						
Public						
CA Polytechnic State U., San Luis Obispo	788	0	12,250	0	0	0
CA State Polytechnic U., Pomona	461	0	0	0	0	0
CA State U., Bakersfield	4,000	1,210	2,500	0	0	6,000
CA State U., Chico	0	0	0	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
CA State U., Dominguez Hills	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0
CA State U., Fresno	0	0	0	26,490	0	0
CA State U., Fullerton	0	0	0	0	0	90,000
CA State U., Long Beach	0	17,500	0	0	0	0
CA State U., Los Angeles	0	8,833	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0
CA State U., Northridge	9,700	0	0	0	0	0
CA State U., Sacramento	0	0	0	0	0	0
CA State U., San Bernardino	0	0	1,379	0	0	0
Humboldt State U.	0	NA	0	0	0	0
San Diego State U.	0	0	0	0	0	0
San Francisco State U.	NA	2,119	0	0	0	5,000
San Jose State U.	0	0	0	0	0	0
U. CA, Berkeley	1,811	178,506	149,474	63,354	178,097	0
U. CA, Davis	463,085	0	186,219	139,362	60,000	0
U. CA, Irvine	133,707	56,830	5,163	0	80,000	0
U. CA, Los Angeles	155,378	0	0	122,000	0	0
U. CA, Merced	0	0	0	88,819	0	0
U. CA, Riverside	49,371	80,856	37,550	648	414,163	0
U. CA, San Diego	73,608	0	353,395	248,109	0	0
U. CA, San Francisco	135,000	275,590	173,000	118,600	400,000	0
U. CA, Santa Barbara	10,793	12,239	2,157	78,693	185,000	10,000
U. CA, Santa Cruz	0	77,491	0	0	0	0
Private						
CA Institute of Technology	45,622	35,250	0	0	0	0
Chapman U.	na	na	0	0	97,500	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0
Claremont Graduate U.	0	0	0	0	0	0
Claremont McKenna C.	na	na	0	0	0	0
Harvey Mudd C.	0	0	0	0	0	0
Loma Linda U.	0	2,854	0	0	0	0
Loyola Marymount U.	0	0	0	0	100,000	0
Occidental C.	0	0	2,262	667	0	0
Pomona C.	0	0	0	NA	NA	NA
Santa Clara U.	0	0	0	0	0	0
Scripps Research Institute, The	na	na	0	0	0	0
Stanford U.	118,762	189,185	14,058	161,164	150,000	0
U. Redlands	NA	0	0	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
U. San Diego	na	na	0	0	0	0
U. San Francisco	0	0	17,770	0	0	0
U. Southern CA	0	36,800	19,329	117,100	0	0
U. of the Pacific	13,000	6,600	0	0	0	0
Western U. of Health Sciences	315	5,507	400	0	0	0
Colorado						
Public						
CO School of Mines	0	0	9,144	38,600	0	50,000
CO State U.	5,549	55,083	6,314	52,750	0	0
Mesa State C.	na	na	0	0	0	0
U. CO Boulder	0	13,377	126,425	79,486	0	0
U. CO Colorado Springs	5,026	0	0	16,000	0	0
U. CO Denver and Anschutz Medical Campus	0	59,480	13,260	0	40,707	0
U. Northern CO	0	0	0	0	0	0
Private						
U. Denver	0	0	0	0	0	0
Connecticut						
Public						
U. CT	0	0	0	96,578	0	0
Private						
Trinity C. (Hartford, CT)	na	na	0	0	0	0
U. Hartford	0	0	0	0	0	0
Wesleyan U.	0	0	0	0	0	0
Yale U.	17,025	33,492	0	0	308,898	0
Delaware						
Public						
DE State U.	0	0	0	15,000	0	0
U. DE	2,723	0	62,800	0	0	0
District of Columbia						
Public						
U. DC	0	0	0	0	0	0
Private						
American U.	0	10,500	0	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Gallaudet U.	NA	NA	0	0	0	0
George Washington U.	0	0	49,646	0	0	0
Georgetown U.	0	0	26,658	0	0	0
Howard U.	0	0	0	70,000	0	0
Florida						
Public						
FL A&M U.	0	0	0	0	0	0
FL Atlantic U.	641	21,877	14,587	57,898	39,570	0
FL Gulf Coast U.	0	4,362	2,900	0	0	0
FL International U.	0	13,101	38,668	9,826	40,000	0
FL State U.	0	85,000	24,000	0	0	0
U. Central FL	0	202,244	0	0	0	0
U. FL	82,556	58,006	70,452	0	49,400	0
U. North FL	NA	0	35,443	0	0	0
U. South FL ^b	430	25,877	11,400	0	342,789	0
U. West FL	0	12,000	0	0	0	0
Private						
Embry-Riddle Aeronautical U.	0	0	0	0	0	0
FL Institute of Technology	0	4,484	0	0	0	0
Nova Southeastern U.	0	0	30,000	37,350	0	0
U. Miami	180,000	8,400	0	66,551	0	0
Georgia						
Public						
Ft. Valley State U.	0	19,278	0	0	0	0
GA Health Sciences U.	0	0	0	0	0	0
GA Institute of Technology	56,376	1,100	24,750	98,000	0	387,000
GA Southern U.	0	0	12,733	0	0	0
GA State U.	1,371	44,629	1,389	0	15,000	30,000
Kennesaw State U.	na	na	850	0	0	0
Savannah State U.	0	0	0	0	0	0
U. GA	2,290	19,920	0	0	80,000	0
U. West GA	0	NA	0	0	0	0
Private						
Agnes Scott C.	na	na	0	0	0	0
Clark Atlanta U.	0	0	0	0	0	0
Emory U.	0	130,522	62,000	76,800	0	0
Mercer U.	0	0	0	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
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Morehouse C.	0	0	0	0	0	46,000
Morehouse School of Medicine	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0
Hawaii						
Public						
U. HI Hilo	0	2,000	0	0	0	0
U. HI Manoa	11,000	22,500	0	0	0	0
Idaho						
Public						
Boise State U.	0	0	24,942	0	0	0
ID State U.	0	0	784	0	0	0
U. ID	3,440	0	0	937	36,000	0
Illinois						
Public						
Chicago State U.	0	0	0	0	136,000	0
Governors State U.	na	NA	0	0	0	5,000
IL State U.	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	93,880	0
Southern IL U. Edwardsville	0	0	0	23,260	0	0
U. IL Chicago	0	0	7,250	0	68,462	5,175
U. IL Springfield	0	252	0	0	0	0
U. IL Urbana-Champaign	96,800	82,000	0	68,000	339,700	273,000
Western IL U.	0	0	0	0	0	0
Private						
Bradley U.	0	0	0	0	4,734	0
DePaul U.	25,380	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0	0
Loyola U. Chicago	0	0	0	945	0	0
Midwestern U. (Downers Grove, IL)	1,488	56,200	0	0	0	0
Northwestern U.	67,980	0	35,987	40,465	2,264	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0
Rush U.	0	0	0	0	0	0
U. Chicago	29,000	0	2,300	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

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Indiana						
Public						
Ball State U.	0	0	0	0	0	0
IN State U.	0	0	0	0	0	0
IN U. Bloomington ^a	na	na	1,607	38,000	42,400	0
IN U. South Bend ^a	na	na	0	0	0	0
IN U.-Purdue U. Ft. Wayne ^a	na	na	0	0	0	0
IN U.-Purdue U. Indianapolis ^a	na	na	6,000	78,000	167,000	0
Purdue U. Calumet ^a	na	na	3,240	0	13,000	20,000
Purdue U. West Lafayette ^a	na	na	14,725	171,617	220,710	0
Private						
Rose-Hulman Institute of Technology	0	0	0	0	0	0
U. of Notre Dame	26,528	20,000	0	0	0	0
Iowa						
Public						
IA State U.	14,914	80,931	4,490	12,410	0	0
U. IA	0	70,944	122,615	33,144	75,000	0
U. Northern IA	0	0	332	0	0	0
Private						
Grinnell C.	na	na	0	0	0	0
Palmer C. of Chiropractic	na	0	0	0	0	0
Kansas						
Public						
KS State U.	0	1,000	0	0	0	0
Pittsburg State U.	5,200	0	0	0	0	0
U. KS	13,711	3,000	42,382	30,000	150,000	0
Wichita State U.	12,137	0	380	0	0	0
Kentucky						
Public						
Eastern KY U.	na	na	0	0	0	0
KY State U.	0	2,600	1,500	0	0	0
Morehead State U.	0	4,084	0	0	0	0
Murray State U.	10,400	0	0	0	32,000	0
Northern KY U.	0	0	0	0	0	0
U. KY	79,119	7,498	28,793	0	783,592	0

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U. Louisville	108,630	0	0	8,890	355,490	0
Western KY U.	0	5,950	1,269	0	0	0
Louisiana						
Public						
LA State U. and A&M C.	0	11,600	0	0	0	0
LA State U. Health Sciences Ctr. New Orleans	0	0	0	30,808	118,976	0
LA State U. Medical Ctr. Shreveport	na	0	0	0	0	0
LA State U. Shreveport	na	na	0	0	0	0
LA Tech U.	900	4,000	0	0	0	0
McNeese State U.	na	na	0	0	0	0
Nicholls State U.	na	na	0	18,300	0	0
Northwestern State U.	na	0	0	0	0	0
Southeastern LA U.	0	0	0	0	0	0
Southern U. and A&M C. Baton Rouge	0	0	0	0	0	0
U. LA Lafayette	0	0	259	0	0	0
U. LA Monroe	0	2,724	0	0	0	0
U. New Orleans	0	0	0	0	0	0
Private						
Dillard U.	na	0	0	0	0	0
Tulane U.	52,210	25,897	6,218	3,648	0	4,300
Xavier U. LA	0	4,000	0	0	0	0
Maine						
Public						
U. ME	1,300	6,869	3,450	0	0	0
U. Southern ME	1,157	326	0	0	0	0
Private						
Bates C.	0	na	0	0	0	0
Colby C.	0	0	0	4,384	0	0
U. New England	NA	4,000	995	0	0	0
Maryland						
Public						
Morgan State U.	0	0	23,000	0	0	0
Towson U.	0	9,000	0	0	19,000	0
U. Baltimore	NA	2,948	0	0	0	0
U. MD, Baltimore	0	0	0	284,000	0	0

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U. MD, Baltimore County	0	0	0	0	79,000	0
U. MD Ctr. for Environmental Science	0	0	0	0	17,000	0
U. MD, College Park	7,803	0	131,692	0	91,200	0
U. MD, Eastern Shore	0	0	0	0	0	0
Private						
Johns Hopkins U., The	6,582	24,320	39,913	72,500	0	32,000
Massachusetts						
Public						
U. MA Amherst	12,968	82,622	0	0	0	0
U. MA Boston	750	0	130,600	0	0	0
U. MA Dartmouth	0	0	0	51,000	0	0
U. MA Lowell	0	0	16,600	0	0	0
U. MA Worcester	0	28,600	191,685	0	0	0
Private						
Amherst C.	0	0	0	0	0	0
Boston C.	0	0	0	0	0	0
Boston U.	197,500	0	0	0	0	0
Brandeis U.	57,980	0	0	0	0	0
Clark U.	0	0	0	0	0	0
C. of the Holy Cross	7,750	na	0	0	0	0
Harvard U.	8,904	0	1,700	2,000	0	0
MA Institute of Technology	NA	373,500	0	0	0	0
Mt. Holyoke C.	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0
Northeastern U.	0	0	11,989	0	0	0
Smith C.	0	21,500	0	0	0	0
Tufts U.	0	38,207	0	0	0	0
Wellesley C.	0	0	0	0	0	0
Williams C.	0	0	0	0	0	0
Woods Hole Oceanographic Institution	0	0	12,100	0	0	0
Worcester Polytechnic Institute	19,250	0	0	0	0	0
Michigan						
Public						
Eastern MI U.	0	0	0	0	0	0
Grand Valley State U.	3,000	380	0	3,000	0	0
MI State U.	6,666	19,550	66,976	136,300	205,500	0
MI Technological U.	0	1,307	20,278	0	0	0

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Oakland U.	0	0	0	0	0	0
U. MI-Ann Arbor ^a	na	na	0	0	0	0
U. MI-Dearborn ^a	na	na	0	0	0	0
Wayne State U.	11,214	0	0	90,415	NA	NA
Western MI U.	0	0	700	0	0	0
Private						
Calvin C.	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0
Kettering U.	0	2,700	0	0	0	0
Lawrence Technological U.	5,900	0	0	0	0	0
U. Detroit Mercy	na	na	0	0	0	0
Minnesota						
Public						
MN State U. Mankato	na	0	0	0	0	0
St. Cloud State U.	4,633	0	0	18,000	0	0
U. MN, Duluth ^a	na	na	0	0	0	0
U. MN, Twin Cities ^a	na	na	188,085	121,240	0	0
Private						
Carleton C.	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0
Mayo Medical School C. of Medicine	na	na	0	0	0	0
Northwestern Health Sciences U.	na	0	0	0	0	0
St. Olaf C.	na	0	0	0	0	0
Mississippi						
Public						
Alcorn State U.	13,000	0	0	600	0	0
Jackson State U.	NA	0	0	0	0	0
MS State U.	6,704	989	2,684	0	0	0
U. MS and U. MS Medical Ctr.	0	na	641	35,932	0	0
U. Southern MS	0	0	2,000	0	0	0
Private						
Tougaloo C.	na	0	0	0	0	0
Missouri						
Public						
Lincoln U. (Jefferson City, MO)	0	0	0	1,200	0	0

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MO State U.	0	0	7,600	2,500	0	0
MO U. of Science and Technology	17,402	0	4,216	4,729	18,971	0
U. MO-Columbia	9,080	18,382	0	0	0	232,851
U. MO-Kansas City	0	0	0	0	91,500	0
U. MO-St. Louis	38,500	0	0	0	175,000	0
Private						
A. T. Still U. of Health Sciences	0	0	0	0	0	0
St. Louis U.	0	0	0	0	0	0
Washington U. St. Louis	0	22,859	2,884	56,440	180,000	0
Montana						
Public						
MT State U. Bozeman	24,000	4,000	0	24,000	0	0
MT Tech of the U. MT	0	522	0	0	0	0
U. MT, The	0	3,609	0	0	0	0
Nebraska						
Public						
U. NE Lincoln	7,450	44,058	13,350	0	45,000	0
U. NE Medical Ctr.	73,088	2,487	0	0	0	0
U. NE Omaha	0	0	0	6,000	0	0
Private						
Creighton U.	0	0	0	0	6,000	0
Nevada						
Public						
Desert Research Institute	23,340	0	450	0	0	0
U. NV, Las Vegas	61,740	0	910	0	0	0
U. NV, Reno	0	30,000	0	12,546	0	0
New Hampshire						
Public						
Plymouth State U.	na	0	0	0	0	0
U. NH	14,907	10,844	0	0	0	0
Private						
Dartmouth C.	NA	96,898	0	9,300	0	0

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New Jersey						
Public						
Montclair State U.	NA	0	0	0	0	0
NJ Institute of Technology	0	0	0	0	0	0
Rowan U.	0	0	35,000	0	0	0
Rutgers, the State U. NJ-Camden ^a	na	na	350	0	50,000	0
Rutgers, the State U. NJ-New Brunswick ^a	na	na	47,000	171,000	187,000	350,700
Rutgers, the State U. NJ-Newark ^a	na	na	0	0	0	0
U. of Medicine and Dentistry NJ	39,067	0	0	0	0	0
Private						
Monmouth U.	0	0	0	0	0	0
Princeton U.	166,400	0	151,022	173,587	0	0
Seton Hall U.	0	0	0	0	0	0
Stevens Institute of Technology	0	0	2,550	0	0	0
New Mexico						
Public						
NM Highlands U.	0	0	0	0	0	0
NM Institute of Mining and Technology	0	3,000	0	0	0	0
NM State U.	0	1,525	500	0	107,700	0
U. NM	17,096	0	9,899	NA	NA	NA
New York						
Public						
CUNY, Baruch C.	0	0	0	0	0	0
CUNY, Brooklyn C.	0	0	0	0	0	0
CUNY, City C.	1,500	0	0	0	0	0
CUNY, C. Staten Island	0	0	0	0	208,500	0
CUNY, Graduate Ctr.	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	0	76,781	0	1,800	52,669	0
CUNY, Hunter C.	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	na	NA	0	0	0	0
CUNY, Queens C.	6,798	0	42,000	0	0	0
SUNY, Albany	25,900	0	257,300	13,800	0	0
SUNY, Binghamton	0	58,110	30,996	0	66,372	833
SUNY, Buffalo	0	95,335	0	0	315,000	0
SUNY, C. Buffalo	0	0	17,096	0	0	0
SUNY, C. Geneseo	0	0	0	0	0	0

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SUNY, C. of Agriculture and Technology Cobleskill	na	na	0	3,600	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	0	0	0
SUNY, C. of Optometry	0	0	0	2,360	0	0
SUNY, C. Plattsburgh	na	na	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	0	0	0	100,000	0	0
SUNY, Stony Brook	42,750	66,582	2,625	192,000	0	340,450
SUNY, Upstate Medical U.	0	0	72,000	0	0	0
Private						
Albany C. of Pharmacy	0	800	0	0	0	0
Albany Medical C.	0	8,500	19,456	0	2,311	0
Alfred U.	0	0	0	8,634	0	0
Barnard C.	0	0	0	0	0	0
Clarkson U.	0	596	2,034	6,900	0	0
Colgate U.	0	0	0	0	0	0
Columbia U. in the City of New York	157,609	0	2,726	20,425	0	0
Cornell U.	190,232	141,030	27,303	32,532	0	0
Fordham U.	0	0	0	0	0	100,000
Hamilton C.	23,641	0	0	0	0	0
Hobart and William Smith Colleges	na	0	0	0	0	0
Hofstra U.	na	na	1,050	4,500	0	0
Ithaca C.	0	0	0	0	0	0
Mt. Sinai School of Medicine	15,101	267,840	0	0	0	0
New School, The	0	980	0	0	0	0
NY Institute of Technology	0	0	0	3,000	0	1,000
NY Medical C.	0	0	0	0	0	0
NY U.	108,503	0	0	156,400	0	0
Pace U.	na	0	0	0	0	0
Polytechnic U.	0	0	2,000	0	0	0
Rensselaer Polytechnic Institute	0	6,400	0	0	0	0
Rochester Institute of Technology	0	0	33,927	0	0	0
Rockefeller U., The	0	35,303	0	0	0	0
Siena C.	na	na	0	0	0	0
Skidmore C.	na	na	0	0	0	0
St. John's U. (Jamaica, NY)	0	0	0	0	0	0
Syracuse U.	90,300	0	0	0	0	0
Teachers C. Columbia U.	0	0	0	0	0	0
Union C. (Schenectady, NY)	0	4,342	0	0	0	0

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U. Rochester	36,081	71,400	0	0	0	0
Vassar C.	na	0	0	38,000	0	0
Yeshiva U.	2,870	0	0	0	0	0
North Carolina						
Public						
Appalachian State U.	0	0	0	0	0	0
East Carolina U.	0	485	527	0	151,000	0
Elizabeth City State U.	na	0	0	0	0	0
Fayetteville State U.	na	0	0	0	0	0
NC Agricultural and Technical State U.	0	0	0	0	20,000	0
NC Central U.	10,854	0	650	0	80,000	0
NC State U.	39,713	0	2,960	0	274,380	0
U. NC Asheville	8,800	0	0	0	0	0
U. NC Chapel Hill	155,903	277,649	158,529	0	0	0
U. NC Charlotte	9,749	76,000	41,500	0	77,000	0
U. NC Greensboro	0	0	0	0	40,000	0
U. NC Wilmington	0	3,325	27,572	0	0	0
Private						
Davidson C.	na	0	0	0	0	0
Duke U.	17,400	0	0	7,024	1,720	0
Shaw U.	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0
North Dakota						
Public						
ND State U.	0	11,757	20,493	19,775	30,000	0
U. ND	6,600	0	4,000	0	0	0
Ohio						
Public						
Bowling Green State U.	0	0	0	4,500	0	0
Central State U.	0	3,214	0	0	0	0
Cleveland State U.	0	0	0	0	0	159,000
Kent State U.	NA	0	0	0	0	0
Miami U.	0	0	0	0	18,000	0
Northeast OH Medical U.	0	0	42,000	0	0	0
OH State U.	0	0	0	126,000	0	0
OH U.	1,310	8,209	0	0	87,200	0

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U. Akron	NA	NA	8,155	0	0	0
U. Cincinnati	278	0	0	0	36,344	36,344
U. Toledo	0	0	6,975	0	0	30,000
Wright State U.	6,191	0	0	22,000	0	0
Youngstown State U.	0	0	0	0	0	0
Private						
Case Western Reserve U.	0	0	0	13,000	0	0
Oberlin C.	na	na	0	0	0	0
U. Dayton	1,105	0	0	2,000	0	0
Oklahoma						
Public						
Langston U.	0	0	0	3,000	0	0
OK State U. Ctr. for Health Sciences ^a	na	na	0	0	0	0
OK State U. Stillwater ^a	na	na	0	0	0	0
U. Central OK	na	na	0	0	40,000	0
U. OK	0	126,910	13,000	13,670	115,000	0
Private						
U. Tulsa	0	0	7,164	0	0	0
Oregon						
Public						
OR Health & Science U.	1,999	2,088	0	83,521	0	0
OR State U.	0	0	40,000	0	0	0
Portland State U.	1,200	0	0	0	0	0
U. OR	11,849	0	30,292	0	0	0
Private						
Lewis & Clark C.	na	0	0	0	41,361	0
Pacific U.	na	na	0	0	0	0
Reed C.	0	0	0	0	0	0
Willamette U.	na	na	0	0	0	0
Pennsylvania						
Public						
Lincoln U. of the Commonwealth of PA	na	na	0	0	0	0
PA State U. Erie, The Behrend C. ^a	na	na	0	4,200	0	0
PA State U. Harrisburg ^a	na	na	0	5,000	0	12,000

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
PA State U. University Park and Hershey Medical Ctr. ^a						
	na	na	0	79,900	70,000	0
Temple U.	70,000	0	10,000	NA	NA	NA
U. Pittsburgh main campus	NA	10,971	32,383	91,945	0	0
West Chester U. PA	na	0	0	0	0	884
Private						
Bryn Mawr C.	0	0	1,400	0	0	0
Bucknell U.	NA	0	0	0	0	0
Carnegie Mellon U.	49,854	0	0	70,000	0	0
Dickinson C.	na	0	0	0	1,899	0
Drexel U.	NA	7,581	0	0	0	0
Duquesne U.	0	0	0	0	0	0
Franklin & Marshall C.	40,000	0	0	0	0	0
Haverford C.	na	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0
Lehigh U.	0	20,900	0	0	0	0
Mercyhurst C.	na	na	0	0	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0
Philadelphia U.	na	na	0	0	0	0
Salus U.	0	0	0	0	0	0
St. Francis U.	1,000	0	2,883	0	0	0
St. Joseph's U.	0	0	0	0	0	0
Swarthmore C.	0	0	0	0	0	0
Thomas Jefferson U.	NA	0	0	0	0	0
U. PA	0	323,325	38,800	NA	0	0
U. of the Sciences Philadelphia	NA	0	0	0	0	0
Villanova U.	NA	0	0	0	NA	NA
Washington and Jefferson C.	na	na	0	0	0	0
Rhode Island						
Public						
U. RI	12,513	0	46,510	21,630	0	0
Private						
Brown U.	0	0	0	0	125,000	0
Roger Williams U.	NA	na	0	0	0	0
South Carolina						
Public						
Clemson U.	9,870	0	47,000	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Coastal Carolina U.	0	0	3,950	7,002	0	0
C. Charleston	NA	NA	0	0	0	0
Medical U. SC	0	112,251	0	0	0	0
SC State U.	0	2,500	50,000	0	0	0
U. SC Columbia ^a	na	na	0	0	0	0
Private						
Benedict C.	0	0	0	0	0	0
Claffin U.	na	0	0	0	30,000	0
Furman U.	NA	NA	0	0	0	0
South Dakota						
Public						
Black Hills State U.	0	0	0	0	0	0
SD School of Mines and Technology	0	7,100	15,387	1,502	0	0
SD State U.	0	11,467	1,874	4,595	0	0
U. SD	0	0	0	0	0	0
Tennessee						
Public						
East TN State U.	1,820	0	0	0	0	0
Middle TN State U.	0	0	0	0	0	0
TN State U.	0	0	1,287	8,000	37,500	0
TN Technological U.	0	0	0	0	0	0
U. Memphis, The	0	0	0	33,040	0	0
U. TN Chattanooga	0	0	0	0	0	3,500
U. TN Knoxville	10,000	0	11,600	61,350	235,850	0
U. TN Martin	0	0	0	0	0	0
Private						
Fisk U.	0	0	0	0	0	0
Meharry Medical C.	54,710	0	0	0	0	0
Vanderbilt U.			775	7,600	85,000	0
Texas						
Public						
Angelo State U.	na	na	0	0	0	0
Lamar U.	0	0	0	0	0	0
Prairie View A&M U.	NA	0	0	0	0	0
Sam Houston State U.	0	0	0	0	0	0
Stephen F. Austin State U.	0	300	0	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Sul Ross State U.	0	0	0	0	0	0
Tarleton State U.	0	5,000	0	0	0	0
TX A&M International U.	na	na	0	0	0	0
TX A&M U.	NA	NA	0	203,850	0	0
TX A&M U.-Commerce	na	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0
TX A&M U.-Kingsville	826	1,089	434	0	0	0
TX A&M U. System Health Science Ctr.	0	92,594	0	80,000	120,000	0
TX Southern U.	0	0	NA	0	0	0
TX State U.-San Marcos	1,398	1,070	2,067	0	0	0
TX Tech U.	10,000	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	11,603	0	5,023	15,833	95,000	0
TX Woman's U.	0	0	0	0	0	35,000
U. Houston	0	15,053	24,772	54,000	0	0
U. Houston-Downtown	na	na	0	0	0	0
U. North TX	NA	33,658	1,150	30,450	0	0
U. North TX Health Science Ctr.	3,003	0	0	0	90,000	0
U. TX Arlington	0	57,881	0	0	0	0
U. TX Austin	0	0	155,152	346,000	0	0
U. TX Brownsville	na	26,227	0	4,993	0	0
U. TX Dallas	0	0	0	0	0	0
U. TX El Paso	25,762	28,199	27,000	0	100,000	0
U. TX Health Science Ctr. Houston	0	76,022	2,861	0	0	0
U. TX Health Science Ctr. San Antonio	0	150,000	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	136,630	0	0	200,000	0	0
U. TX Medical Branch	6,221	0	0	0	0	0
U. TX of the Permian Basin	na	18,099	0	0	0	0
U. TX-Pan American	0	0	0	0	0	0
U. TX San Antonio	22,342	0	0	4,358	0	0
U. TX Southwestern Medical Ctr.	21,960	195,700	820,137	0	0	0
U. TX Tyler	na	0	0	0	0	0
West TX A&M U.	0	0	3,103	0	0	0
Private						
Baylor C. of Medicine	50,732	0	0	14,900	0	0
Baylor U.	0	792	0	0	0	0
Rice U.	46,400	24,696	0	0	0	0
Southern Methodist U.	7,200	2,383	0	16,184	0	0
TX Christian U.	0	0	0	0	0	0
Trinity U.	0	0	14,420	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Utah						
Public						
U. UT	19,858	131,920	75,104	0	75,000	0
UT State U.	22,586	82,720	5,064	0	0	0
Private						
Brigham Young U.	0	0	0	0	0	0
Vermont						
Public						
U. VT	520	46,985	0	1,880	27,997	0
Private						
Middlebury C.	na	0	0	0	0	0
Virginia						
Public						
Christopher Newport U. C. of William and Mary and VA Institute of Marine Science	na	na	12,567	0	0	0
George Mason U.	12,824	5,737	3,307	0	0	0
James Madison U.	36,800	48,300	50,691	0	93,028	0
Norfolk State U.	425	0	0	0	0	0
Old Dominion U.	0	0	0	0	0	0
U. VA ^b	24,570	10,566	0	22,203	18,852	0
VA Commonwealth U.	74,550	160,250	1,315	0	0	0
VA Polytechnic Institute and State U.	83,341	7,727	11,817	0	0	0
VA State U.	86,860	94,000	64,332	77,964	0	0
	0	0	0	0	6,608	0
Private						
Eastern VA Medical School	0	0	0	0	0	0
Hampton U.	0	4,351	8,695	8,000	0	0
U. Richmond	NA	NA	0	0	0	0
Washington						
Public						
Central WA U.	0	1,600	0	0	69,000	0
Eastern WA U.	0	0	0	0	74,100	0
U. WA Seattle ^a	na	na	0	0	0	0
WA State U.	57,300	0	125,930	0	1,034,643	0
Western WA U.	16,277	1,271	0	0	0	10,000

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Private						
Bastyr U.	na	na	0	0	0	0
Gonzaga U.	na	na	0	0	0	0
Northwest Indian C.	na	na	0	1,572	0	0
Seattle U.	na	NA	0	0	0	0
Whitman C.	na	0	0	0	0	0
West Virginia						
Public						
Marshall U.	4,500	278	0	22,894	0	0
WV State U.	0	0	0	1,750	8,750	0
WV U.	78,017	0	23,606	148,300	0	115,000
Private						
Wheeling Jesuit U.	0	0	0	0	0	0
Wisconsin						
Public						
U. WI-Eau Claire	0	0	0	0	0	33,488
U. WI-Green Bay	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0
U. WI-Madison	NA	254,693	192,946	52,870	270,000	505,000
U. WI-Milwaukee	0	0	1,900	110,500	82,500	0
U. WI-Oshkosh	0	0	0	0	0	0
U. WI-Stevens Point	NA	NA	0	0	0	0
U. WI-Superior	0	NA	0	0	0	0
Private						
Marquette U.	0	14,000	0	0	0	0
Medical C. WI	0	0	8,700	17,500	0	0
Milwaukee School of Engineering	0	0	0	0	0	0
Wyoming						
Public						
U. WY	6,980	0	58,150	0	0	0
Guam						
Public						
U. GU	0	0	0	0	0	0

TABLE 21. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–13
(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Puerto Rico						
Public						
U. PR Humacao	0	0	0	0	0	0
U. PR Mayaguez	1,800	0	0	0	0	0
U. PR Medical Sciences Campus	NA	353	792	4,700	0	0
U. PR Rio Piedras	0	60,000	0	2,000	0	0
Private						
Ponce School of Medicine	0	0	0	0	0	0
Universidad Central del Caribe	NA	0	0	0	0	0
Universidad del Este	na	na	0	0	0	0
Universidad del Turabo	na	na	0	0	0	0
Universidad Metropolitana	na	na	0	0	0	0
Virgin Islands						
Public						
U. of the VI	0	0	0	0	0	0

na = not applicable; institution was not surveyed. NA = not available; data were not provided by institution.

^a In FY 2007 and FY 2009, institution was surveyed together with other affiliated institutions. As such, no data are available for FY 2007 or FY 2009.

^b In FY 2007 and FY 2009, institution was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. In FY 2011, affiliated institutions were surveyed separately; data for FY 2011 describe characteristics of single institution.

NOTE: Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 22. Costs for repair and renovation of science and engineering research space in academic institutions, by field and time of repair and renovation: FY 2006–13
(Costs in millions of dollars)

Field	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
All research space	3,361.6	3,015.8	3,511.0	3,107.9	4,826.1	2,552.6
Agricultural and natural resources sciences	107.1	144.8	87.8	78.4	301.2	282.9
Biological and biomedical sciences	867.6	1,061.1	1,318.0	976.0	1,213.9	542.1
Computer and information sciences	59.2	34.2	48.8	49.3	26.2	56.8
Engineering	235.9	438.8	434.3	268.5	477.9	573.0
Health and clinical sciences	1,408.5	702.4	775.4	963.9	1,279.4	288.1
Mathematics and statistics	13.3	10.7	39.6	17.0	56.4	16.3
Physical sciences						
Earth, atmospheric, and ocean sciences	88.0	78.3	146.5	68.1	175.8	103.8
Astronomy, chemistry, and physics	410.2	408.7	361.1	426.4	707.5	457.3
Psychology	77.8	47.5	100.6	55.3	145.8	87.4
Social sciences	42.3	45.0	95.7	181.0	275.5	120.7
Other	51.6	44.3	103.2	23.9	166.4	24.3
Research animal space	178.6	285.1	na	na	na	na

na = not applicable; data were not collected on repair or renovation of research animal space on FY 2011 survey.

NOTES: Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 23. Costs for repair and renovation of science and engineering research space in academic institutions, by type of institution and time of repair and renovation: FY 2004–13
(Costs in millions of dollars)

Type of institution	Started in FY 2004 or FY 2005	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
						Included in institutional plan	Not included in institutional plan
All institutions	2,445.9	3,361.6	3,015.8	3,511.0	3,107.9	4,826.1	2,552.6
Doctorate granting	2,385.1	3,276.2	2,920.8	3,380.0	2,913.1	4,745.7	2,483.6
Nondoctorate granting	60.8	85.4	95.0	131.1	194.7	80.3	69.0
Public	1,364.4	1,924.5	1,651.0	2,030.2	1,863.4	4,036.6	2,288.0
Private	1,081.6	1,437.1	1,364.8	1,480.8	1,244.5	789.5	264.6
Medical schools	909.6	1,083.3	920.3	1,027.8	1,334.4	1,518.7	335.6

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 24. Costs for repair and renovation of science and engineering research space in academic institutions, by field and geographic region: Started in FY 2010 or FY 2011

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	3,511.0	577.3	1,572.3	779.4	573.4
Agricultural and natural resources sciences	87.8	21.3	40.3	14.7	10.6
Biological and biomedical sciences	1,318.0	160.1	611.6	349.8	195.0
Computer and information sciences	48.8	12.7	16.5	14.0	5.6
Engineering	434.3	62.4	240.9	75.7	49.6
Health and clinical sciences	775.4	188.7	218.0	207.5	160.8
Mathematics and statistics	39.6	5.7	21.6	8.8	3.6
Physical sciences					
Earth, atmospheric, and ocean sciences	146.5	43.5	64.5	20.0	18.4
Astronomy, chemistry, and physics	361.1	58.1	191.3	51.5	60.3
Psychology	100.6	11.2	52.7	12.4	24.3
Social sciences	95.7	8.8	52.7	3.3	31.0
Other	103.2	4.9	62.2	21.9	14.2

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	0	0	0	0	0	0	0	0	0	0	0
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U. main campus	0	0	0	0	0	0	0	0	0	0	0
U. AL Birmingham, The	8,118	0	0	0	0	8,118	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Tuscaloosa, The	2,642	0	1,865	0	254	0	0	0	523	0	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	2,942	0	2,942	0	0	0	0	0	0	0	0
U. AK Southeast	3,450	0	3,450	0	0	0	0	0	0	0	0
Arizona											
Public											
AZ State U.	21,375	0	1,346	1,156	675	6,424	1,375	1,967	4,525	3,469	438
Northern AZ U.	5,000	700	2,500	0	0	0	0	1,800	0	0	0
U. AZ	5,725	0	0	0	1,704	2,629	0	1,392	0	0	0
Arkansas											
Public											
AR State U. main campus	2,000	0	800	400	0	0	0	800	0	0	0
U. AR for Medical Sciences	10,974	0	450	0	0	10,525	0	0	0	0	0
U. AR Little Rock	0	0	0	0	0	0	0	0	0	0	0
U. AR main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	0	0	0	0	0	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	250	250	0	0	0	0	0	0	0	0	0
CA State Polytechnic U., Pomona	1,592	421	318	0	0	0	0	575	0	277	0
CA State U., Bakersfield	675	0	275	0	0	0	400	0	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fullerton	3,440	0	0	0	0	0	0	0	3,440	0	0
CA State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Northridge	0	0	0	0	0	0	0	0	0	0	0
CA State U., Sacramento	1,300	0	800	0	0	500	0	0	0	0	0
CA State U., San Bernardino	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
San Diego State U.	1,516	0	1,216	0	0	0	0	0	0	300	0
San Francisco State U.	0	0	0	0	0	0	0	0	0	0	0
San Jose State U.	1,500	0	0	0	0	1,500	0	0	0	0	0
U. CA, Berkeley	72,051	612	54,856	0	6,776	1,717	370	1,102	6,618	0	0
U. CA, Davis	41,200	0	0	0	5,200	36,000	0	0	0	0	0
U. CA, Irvine	39,102	0	1,295	0	2,983	23,767	0	11,056	0	0	0
U. CA, Los Angeles	48,619	0	0	3,200	13,476	7,843	0	0	0	24,100	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	15,173	0	12,965	0	0	0	1,100	0	1,108	0	0
U. CA, San Diego	8,305	0	0	0	0	430	0	7,000	0	0	875
U. CA, San Francisco	47,452	0	13,280	0	0	30,987	0	0	0	0	3,185
U. CA, Santa Barbara	12,478	0	8,379	0	333	0	0	2,386	0	0	1,380
U. CA, Santa Cruz	10,369	0	0	0	3,567	0	0	0	0	0	6,802
Private											
CA Institute of Technology	9,668	0	1,141	0	1,911	0	0	6,616	0	0	0
Chapman U.	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
Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C.	1,750	0	1,750	0	0	0	0	0	0	0	0
Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	250	0	0	0	0	250	0	0	0	0	0
Loyola Marymount U.	1,500	0	0	0	1,500	0	0	0	0	0	0
Occidental C.	600	0	0	0	0	0	0	600	0	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	700	0	0	0	700	0	0	0	0	0	0
Scripps Research Institute, The	14,586	0	12,642	0	0	0	0	1,944	0	0	0
Stanford U.	19,156	0	0	0	0	10,033	0	2,083	7,040	0	0
U. Redlands	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	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
U. Southern CA	6,242	0	2,508	0	790	304	0	1,156	0	1,483	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Public											
CO School of Mines	2,946	0	0	0	2,390	0	0	556	0	0	0
CO State U.	1,050	0	600	0	0	450	0	0	0	0	0
Mesa State C.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	8,767	0	3,093	0	1,021	720	0	3,183	0	750	0
U. CO Colorado Springs	17,085	0	0	0	0	0	0	17,085	0	0	0
U. CO Denver and Anschutz Medical Campus	3,551	0	1,639	0	0	1,912	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Public											
U. CT	4,752	1,478	3,274	0	0	0	0	0	0	0	0
Private											
Trinity C. (Hartford, CT)	2,000	0	0	0	0	0	0	1,000	1,000	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	3,257	0	1,886	340	0	0	340	690	0	0	0
Yale U.	113,456	985	4,456	0	1,000	81,062	0	7,973	913	15,226	1,840
Delaware											
Public											
DE State U.	500	0	0	250	250	0	0	0	0	0	0
U. DE	0	0	0	0	0	0	0	0	0	0	0
District of Columbia											
Public											
U. DC	260	260	0	0	0	0	0	0	0	0	0
Private											
American U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Gallaudet U.	520	0	0	0	0	0	0	0	520	0	0
George Washington U.	40,535	0	0	0	253	39,822	0	460	0	0	0
Georgetown U.	17,408	0	17,408	0	0	0	0	0	0	0	0
Howard U.	9,529	0	5,041	0	0	2,900	0	1,588	0	0	0
Florida											
Public											
FL A&M U.	7,600	0	0	0	0	7,600	0	0	0	0	0
FL Atlantic U.	3,318	0	1,500	0	1,818	0	0	0	0	0	0
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	9,003	603	2,770	0	468	4,488	0	675	0	0	0
FL State U.	0	0	0	0	0	0	0	0	0	0	0
U. Central FL	0	0	0	0	0	0	0	0	0	0	0
U. FL	8,236	1,223	908	0	280	4,727	0	560	538	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	6,342	0	489	0	250	5,603	0	0	0	0	0
U. West FL	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	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
U. Miami	7,018	0	3,378	0	892	0	0	2,748	0	0	0
Georgia											
Public											
Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	1,804	0	1,804	0	0	0	0	0	0	0	0
GA Institute of Technology	15,600	0	0	0	9,600	0	0	4,200	0	0	1,800
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	8,230	0	4,427	0	0	0	0	2,365	0	0	1,438
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0	0
Savannah State U.	250	0	250	0	0	0	0	0	0	0	0
U. GA	3,967	670	3,297	0	0	0	0	0	0	0	0
U. West GA	0	0	0	0	0	0	0	0	0	0	0
Private											
Agnes Scott C.	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	250	0	250	0	0	0	0	0	0	0	0
Emory U.	0	0	0	0	0	0	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Morehouse C.	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
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. HI Hilo	4,000	0	4,000	0	0	0	0	0	0	0	0
U. HI Manoa	2,400	0	0	0	0	1,000	0	1,000	400	0	0
Idaho											
Public											
Boise State U.	1,171	0	910	0	261	0	0	0	0	0	0
ID State U.	0	0	0	0	0	0	0	0	0	0	0
U. ID	1,216	0	864	0	353	0	0	0	0	0	0
Illinois											
Public											
Chicago State U.	0	0	0	0	0	0	0	0	0	0	0
Governors State U.	8,750	1,000	2,500	1,000	0	1,000	250	3,000	0	0	0
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Edwardsville	4,680	4,680	0	0	0	0	0	0	0	0	0
U. IL Chicago	632	0	0	0	0	632	0	0	0	0	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	21,400	764	2,800	671	840	727	0	14,233	265	1,100	0
Western IL U.	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
DePaul U.	0	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Loyola U. Chicago	5,737	0	742	0	0	504	551	0	2,796	1,145	0
Midwestern U. (Downers Grove, IL)	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	75,163	0	20,313	0	379	27,712	0	23,909	0	0	2,849
Rosalind Franklin U. of Medicine and Science	495	0	495	0	0	0	0	0	0	0	0
Rush U.	4,928	0	2,755	0	0	2,173	0	0	0	0	0
U. Chicago	20,000	0	0	0	0	20,000	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	0	0	0	0	0	0	0	0	0	0	0
IN State U.	1,531	0	580	0	0	0	0	951	0	0	0
IN U. Bloomington	8,786	0	4,618	0	0	0	0	3,645	522	0	0
IN U. South Bend	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Ft. Wayne	300	0	0	0	0	0	0	300	0	0	0
IN U.-Purdue U. Indianapolis	35,137	0	0	0	922	33,566	0	649	0	0	0
Purdue U. Calumet	1,900	0	0	0	1,900	0	0	0	0	0	0
Purdue U. West Lafayette	25,640	750	6,190	2,655	6,008	3,328	0	5,989	0	721	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
U. of Notre Dame	5,250	0	0	0	3,620	0	0	1,630	0	0	0
Iowa											
Public											
IA State U.	916	0	561	0	0	0	355	0	0	0	0
U. IA	8,396	0	1,219	0	0	6,272	0	905	0	0	0
U. Northern IA	335	0	335	0	0	0	0	0	0	0	0
Private											
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	0	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	2,546	464	0	0	0	0	0	1,178	904	0	0
U. KS	55,252	0	40,369	4,658	0	9,958	0	266	0	0	0
Wichita State U.	588	0	0	0	588	0	0	0	0	0	0
Kentucky											
Public											
Eastern KY U.	0	0	0	0	0	0	0	0	0	0	0
KY State U.	12,368	0	12,368	0	0	0	0	0	0	0	0
Morehead State U.	0	0	0	0	0	0	0	0	0	0	0
Murray State U.	1,012	0	750	0	0	262	0	0	0	0	0
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	32,912	0	15,159	0	0	15,159	0	2,595	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	1,025	0	460	0	0	0	0	565	0	0	0
Western KY U.	5,701	0	0	1,634	1,459	0	704	475	1,429	0	0
Louisiana											
Public											
LA State U. and A&M C.	265	265	0	0	0	0	0	0	0	0	0
LA State U. Health Sciences Ctr. New Orleans	9,507	0	4,097	0	0	5,410	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	0	0	0	0	0	0	0	0	0	0	0
McNeese State U.	0	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	11,600	0	5,800	0	0	0	0	5,800	0	0	0
Northwestern State U.	0	0	0	0	0	0	0	0	0	0	0
Southeastern LA U.	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
U. LA Lafayette	754	0	0	0	754	0	0	0	0	0	0
U. LA Monroe	3,694	0	0	0	0	3,694	0	0	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0
Private											
Dillard U.	500	0	250	0	0	0	0	250	0	0	0
Tulane U.	4,635	0	4,125	0	0	510	0	0	0	0	0
Xavier U. LA	2,281	0	502	0	0	750	0	1,028	0	0	0
Maine											
Public											
U. ME	3,690	0	0	3,690	0	0	0	0	0	0	0
U. Southern ME	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
Colby C.	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
Maryland											
Public											
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Towson U.	1,000	0	300	0	0	0	0	700	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD, Baltimore	9,900	0	2,400	0	0	7,500	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	2,881	0	1,161	0	0	0	0	538	825	357	0
U. MD Ctr. for Environmental Science	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. MD, College Park	18,599	3,172	4,149	0	4,924	0	0	2,654	3,701	0	0
U. MD, Eastern Shore	534	534	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U., The	36,059	0	5,246	2,983	6,961	3,290	0	2,296	2,431	0	12,852
Massachusetts											
Public											
U. MA Amherst	53,961	1,153	15,079	0	6,449	4,833	0	26,096	352	0	0
U. MA Boston	750	0	750	0	0	0	0	0	0	0	0
U. MA Dartmouth	1,300	0	0	0	0	0	0	1,300	0	0	0
U. MA Lowell	4,000	0	0	0	4,000	0	0	0	0	0	0
U. MA Worcester	5,843	0	3,623	0	0	2,220	0	0	0	0	0
Private											
Amherst C.	0	0	0	0	0	0	0	0	0	0	0
Boston C.	4,785	0	0	0	0	0	0	4,383	402	0	0
Boston U.	19,302	0	4,051	775	781	4,430	0	9,266	0	0	0
Brandeis U.	515	0	515	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
C. of the Holy Cross	3,189	0	3,189	0	0	0	0	0	0	0	0
Harvard U.	189,566	0	147,444	0	9,582	2,238	2,011	22,452	4,970	868	0
MA Institute of Technology	61,264	0	2,944	0	33,532	0	0	12,683	0	11,675	430
Mt. Holyoke C.	250	0	0	0	0	0	0	250	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	18,798	0	5,092	0	3,380	7,011	0	711	2,604	0	0
Smith C.	18,000	0	8,500	0	0	0	1,500	6,500	1,500	0	0
Tufts U.	35,251	0	20,740	0	542	13,969	0	0	0	0	0
Wellesley C.	378	0	378	0	0	0	0	0	0	0	0
Williams C.	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	3,210	0	300	0	350	0	0	2,560	0	0	0
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Public											
Eastern MI U.	14,500	0	4,200	1,400	0	0	2,500	6,400	0	0	0
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0
MI State U.	5,170	0	261	0	4,305	604	0	0	0	0	0
MI Technological U.	445	0	0	0	445	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
U. MI-Ann Arbor	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0
U. MI-Dearborn	780	0	780	0	0	0	0	0	0	0	0
Wayne State U.	4,326	0	679	0	319	1,432	0	1,896	0	0	0
Western MI U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Calvin C.	1,018	0	0	0	0	0	0	0	0	0	1,018
Hope C.	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	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
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	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
U. MN, Duluth	0	0	0	0	0	0	0	0	0	0	0
U. MN, Twin Cities	13,969	0	3,478	0	400	7,167	0	1,983	0	0	941
Private											
Carleton C.	1,475	0	0	0	0	0	0	496	0	979	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0
Mayo Medical School C. of Medicine	2,133	0	1,008	500	0	625	0	0	0	0	0
Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0
Mississippi											
Public											
Alcorn State U.	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
MS State U.	2,260	1,260	1,000	0	0	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	1,855	0	0	0	0	1,855	0	0	0	0	0
U. Southern MS	270	0	0	0	0	0	0	270	0	0	0
Private											
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	312	0	312	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
MO State U.	1,400	0	0	0	0	0	0	1,400	0	0	0
MO U. of Science and Technology	6,452	0	0	0	6,452	0	0	0	0	0	0
U. MO-Columbia	13,716	4,820	647	0	685	5,957	0	1,608	0	0	0
U. MO-Kansas City	1,200	0	0	0	0	0	0	0	800	400	0
U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0	0
Private											
A. T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	2,526	0	0	0	0	2,526	0	0	0	0	0
Washington U. St. Louis	38,684	0	15,119	0	532	22,348	0	684	0	0	0
Montana											
Public											
MT State U. Bozeman	18,489	2,292	16,197	0	0	0	0	0	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0	0
U. MT, The	263	0	263	0	0	0	0	0	0	0	0
Nebraska											
Public											
U. NE Lincoln	12,547	7,292	2,729	0	936	678	0	913	0	0	0
U. NE Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
U. NE Omaha	692	0	0	0	0	0	0	692	0	0	0
Private											
Creighton U.	1,107	0	0	0	0	0	0	1,107	0	0	0
Nevada											
Public											
Desert Research Institute	784	0	0	0	0	0	0	784	0	0	0
U. NV, Las Vegas	4,461	400	300	360	250	0	0	2,201	700	250	0
U. NV, Reno	1,326	0	0	0	0	0	0	1,326	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	11,190	0	0	0	0	0	0	11,190	0	0	0
Private											
Dartmouth C.	1,617	0	1,207	0	0	410	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
New Jersey											
Public											
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0
NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Camden	500	0	0	0	0	0	0	0	0	0	500
Rutgers, the State U. NJ-New Brunswick	16,613	2,551	3,796	0	1,092	3,428	0	3,290	0	2,455	0
Rutgers, the State U. NJ-Newark	3,522	0	2,931	0	0	0	0	591	0	0	0
U. of Medicine and Dentistry NJ	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
Princeton U.	67,520	0	2,800	275	6,210	0	700	56,995	540	0	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	500	0	0	0	250	0	0	250	0	0	0
New Mexico											
Public											
NM Highlands U.	300	0	0	0	0	0	300	0	0	0	0
NM Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0
NM State U.	294	294	0	0	0	0	0	0	0	0	0
U. NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
New York											
Public											
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	5,830	0	5,500	0	0	0	0	0	0	330	0
CUNY, City C.	7,700	0	0	0	6,500	0	0	1,200	0	0	0
CUNY, C. Staten Island	17,000	8,500	8,500	0	0	0	0	0	0	0	0
CUNY, Graduate Ctr.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	500	0	0	0	0	0	0	0	500	0	0
CUNY, John Jay C. of Criminal Justice	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
SUNY, Albany	126,960	0	0	0	84,640	0	0	0	0	0	42,320
SUNY, Binghamton	7,034	0	0	0	1,440	0	0	554	0	0	5,040
SUNY, Buffalo	25,280	0	610	5,440	0	19,230	0	0	0	0	0
SUNY, C. Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Geneseo	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. of Agriculture and Technology Cobleskill	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
SUNY, C. of Optometry	2,815	0	0	0	0	0	0	0	0	0	2,815
SUNY, C. Plattsburgh	5,678	0	2,257	0	0	0	0	3,420	0	0	0
SUNY, Health Science Ctr. Brooklyn	28,250	0	28,250	0	0	0	0	0	0	0	0
SUNY, Stony Brook	27,461	0	16,265	1,582	0	5,402	250	3,437	525	0	0
SUNY, Upstate Medical U.	6,520	0	6,520	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	4,272	0	0	0	4,272	0	0	0	0	0	0
Barnard C.	2,363	0	0	0	0	0	0	1,967	0	396	0
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	5,834	0	1,545	0	0	0	0	2,351	280	1,658	0
Cornell U.	48,098	17,123	12,343	0	1,350	422	0	3,291	1,440	11,430	700
Fordham U.	4,100	1,300	0	0	0	0	2,800	0	0	0	0
Hamilton C.	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
Hofstra U.	1,404	294	847	0	0	0	0	263	0	0	0
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	48,000	0	48,000	0	0	0	0	0	0	0	0
New School, The	0	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
NY Medical C.	1,117	0	1,117	0	0	0	0	0	0	0	0
NY U.	19,020	0	3,996	2,100	0	4,861	2,100	4,346	917	700	0
Pace U.	0	0	0	0	0	0	0	0	0	0	0
Polytechnic U.	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
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U., The	111,000	0	111,000	0	0	0	0	0	0	0	0
Siena C.	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
St. John's U. (Jamaica, NY)	1,400	0	1,400	0	0	0	0	0	0	0	0
Syracuse U.	18,300	0	0	0	12,400	0	0	900	0	0	5,000
Teachers C. Columbia U.	2,029	0	0	0	0	0	0	0	0	0	2,029
Union C. (Schenectady, NY)	4,500	0	750	0	750	0	0	0	0	3,000	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Rochester	15,436	0	6,242	0	3,344	3,464	0	2,387	0	0	0
Vassar C.	3,600	0	2,600	0	0	0	0	1,000	0	0	0
Yeshiva U.	9,466	0	1,807	0	0	6,464	0	0	0	0	1,196
North Carolina											
Public											
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	422	0	422	0	0	0	0	0	0	0	0
Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	930	0	350	0	0	0	0	280	300	0	0
NC Agricultural and Technical State U.	10,844	0	0	0	10,844	0	0	0	0	0	0
NC Central U.	600	0	250	0	0	350	0	0	0	0	0
NC State U.	4,826	2,245	991	0	1,156	0	0	434	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	5,154	0	1,038	0	0	4,116	0	0	0	0	0
U. NC Charlotte	664	0	664	0	0	0	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	332	0	0	332	0	0	0	0	0	0	0
Private											
Davidson C.	0	0	0	0	0	0	0	0	0	0	0
Duke U.	23,293	0	4,974	0	0	18,319	0	0	0	0	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	7,913	0	0	0	0	2,093	0	0	0	0	5,820
North Dakota											
Public											
ND State U.	8,645	489	0	0	0	0	1,625	1,373	4,333	825	0
U. ND	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	1,864	250	270	0	0	0	0	622	0	722	0
Central State U.	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	1,750	0	0	0	250	1,500	0	0	0	0	0
Kent State U.	330	0	0	0	0	0	0	0	330	0	0
Miami U.	250	0	0	0	0	0	0	250	0	0	0
Northeast OH Medical U.	0	0	0	0	0	0	0	0	0	0	0
OH State U.	15,555	0	4,811	0	362	8,603	0	1,779	0	0	0
OH U.	13,783	0	5,112	359	4,718	250	0	3,345	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Akron	7,217	0	1,443	0	5,774	0	0	0	0	0	0
U. Cincinnati	26,408	0	14,254	0	0	10,980	0	1,174	0	0	0
U. Toledo	1,563	0	0	0	0	1,313	0	0	0	250	0
Wright State U.	900	0	0	0	0	900	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Case Western Reserve U.	2,412	0	1,420	0	992	0	0	0	0	0	0
Oberlin C.	2,345	0	0	0	0	0	0	1,400	0	945	0
U. Dayton	3,255	0	0	0	2,491	0	0	764	0	0	0
Oklahoma											
Public											
Langston U.	0	0	0	0	0	0	0	0	0	0	0
OK State U. Ctr. for Health Sciences	1,200	0	1,200	0	0	0	0	0	0	0	0
OK State U. Stillwater	0	0	0	0	0	0	0	0	0	0	0
U. Central OK	833	0	333	0	500	0	0	0	0	0	0
U. OK	3,692	0	0	0	3,000	692	0	0	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	24,674	0	14,793	0	0	9,881	0	0	0	0	0
OR State U.	17,042	0	14,350	0	550	0	0	1,484	0	0	658
Portland State U.	0	0	0	0	0	0	0	0	0	0	0
U. OR	3,943	400	1,121	905	0	0	0	1,517	0	0	0
Private											
Lewis & Clark C.	260	0	0	0	0	0	0	260	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0	0
PA State U. Erie, The Behrend C.	4,364	0	0	614	0	0	0	3,750	0	0	0
PA State U. Harrisburg	2,600	0	2,600	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
PA State U. University Park and Hershey Medical Ctr.	29,871	636	12,875	0	9,464	0	0	0	6,599	297	0
Temple U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. Pittsburgh main campus	111,565	0	22,064	0	35,590	2,824	6,528	41,859	0	2,700	0
West Chester U. PA	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
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	5,192	0	0	1,589	1,071	0	0	2,532	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	346	0	346	0	0	0	0	0	0	0	0
Duquesne U.	800	0	0	0	0	0	0	800	0	0	0
Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	303	0	0	0	303	0	0	0	0	0	0
Lehigh U.	0	0	0	0	0	0	0	0	0	0	0
Mercyhurst C.	1,500	0	0	0	0	750	0	0	0	750	0
Philadelphia C. of Osteopathic Medicine	1,132	0	1,132	0	0	0	0	0	0	0	0
Philadelphia U.	322	0	0	0	322	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0
St. Francis U.	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's U.	700	0	700	0	0	0	0	0	0	0	0
Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	17,090	0	17,090	0	0	0	0	0	0	0	0
U. PA	72,313	0	1,300	0	10,163	50,146	0	9,804	0	900	0
U. of the Sciences Philadelphia	516	0	0	0	0	0	0	516	0	0	0
Villanova U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Washington and Jefferson C.	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Public											
U. RI	2,236	2,236	0	0	0	0	0	0	0	0	0
Private											
Brown U.	84,711	0	46,300	0	1,705	0	4,990	1,689	30,027	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Public											
Clemson U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
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State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0
C. Charleston	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	3,419	0	1,846	0	0	1,573	0	0	0	0	0
SC State U.	0	0	0	0	0	0	0	0	0	0	0
U. SC Columbia	3,809	0	0	0	2,459	0	0	1,351	0	0	0
Private											
Benedict C.	0	0	0	0	0	0	0	0	0	0	0
Claffin U.	1,200	0	0	0	0	0	0	0	0	1,200	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	0	0	0	0	0	0	0	0	0	0	0
SD School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0
SD State U.	4,045	732	0	1,028	2,285	0	0	0	0	0	0
U. SD	9,049	0	0	0	0	0	0	9,049	0	0	0
Tennessee											
Public											
East TN State U.	3,499	0	0	0	0	0	0	3,499	0	0	0
Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN State U.	2,500	0	0	0	0	2,500	0	0	0	0	0
TN Technological U.	1,500	0	0	0	0	0	0	1,500	0	0	0
U. Memphis, The	439	0	0	0	439	0	0	0	0	0	0
U. TN Chattanooga	2,430	0	0	0	0	2,430	0	0	0	0	0
U. TN Knoxville	14,467	0	4,945	0	1,206	6,500	250	865	0	700	0
U. TN Martin	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
Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	19,487	0	7,748	0	5,835	4,869	0	735	300	0	0
Texas											
Public											
Angelo State U.	0	0	0	0	0	0	0	0	0	0	0
Lamar U.	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
Sam Houston State U.	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

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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	0	0
TX A&M International U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.	1,606	272	0	0	814	0	0	520	0	0	0
TX A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Kingsville	1,311	0	1,311	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
TX Southern U.	0	0	0	0	0	0	0	0	0	0	0
TX State U.-San Marcos	0	0	0	0	0	0	0	0	0	0	0
TX Tech U.	0	0	0	0	0	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	9,329	0	7,636	0	0	1,693	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	0	0	0	0	0	0	0	0	0	0	0
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0	0
U. North TX	9,420	0	6,180	0	3,240	0	0	0	0	0	0
U. North TX Health Science Ctr.	10,948	0	10,948	0	0	0	0	0	0	0	0
U. TX Arlington	525	0	0	0	0	0	0	525	0	0	0
U. TX Austin	20,171	0	702	267	6,109	0	0	12,117	0	976	0
U. TX Brownsville	0	0	0	0	0	0	0	0	0	0	0
U. TX Dallas	10,938	0	0	0	5,269	1,611	0	4,058	0	0	0
U. TX El Paso	9,000	0	8,000	0	0	0	0	0	1,000	0	0
U. TX Health Science Ctr. Houston	4,054	0	4,054	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	5,278	0	0	0	0	5,278	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	63,091	0	63,091	0	0	0	0	0	0	0	0
U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
U. TX of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX-Pan American	2,318	0	899	0	1,022	0	0	397	0	0	0
U. TX San Antonio	1,245	0	0	273	0	0	0	972	0	0	0
U. TX Southwestern Medical Ctr.	74,493	0	59,483	0	0	15,009	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	3,137	372	294	0	2,472	0	0	0	0	0	0
Private											
Baylor C. of Medicine	5,998	0	5,998	0	0	0	0	0	0	0	0
Baylor U.	3,879	2,249	0	0	0	0	0	1,630	0	0	0
Rice U.	6,711	0	1,279	0	2,640	0	0	2,792	0	0	0
Southern Methodist U.	545	0	0	0	275	0	0	270	0	0	0
TX Christian U.	4,800	0	0	0	0	0	0	4,800	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Utah											
Public											
U. UT	18,280	0	9,999	0	324	6,611	0	1,347	0	0	0
UT State U.	2,439	735	0	0	1,704	0	0	0	0	0	0
Private											
Brigham Young U.	0	0	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	7,920	3,120	0	0	0	4,800	0	0	0	0	0
Private											
Middlebury C.	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
C. of William and Mary and VA Institute of Marine Science	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
James Madison U.	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
Old Dominion U.	0	0	0	0	0	0	0	0	0	0	0
U. VA	43,189	0	40,000	0	0	989	0	2,200	0	0	0
VA Commonwealth U.	4,800	0	1,134	0	0	3,666	0	0	0	0	0
VA Polytechnic Institute and State U.	1,150	310	0	0	0	840	0	0	0	0	0
VA State U.	17,097	892	0	7,717	0	0	7,717	0	772	0	0
Private											
Eastern VA Medical School	12,300	0	9,300	0	0	3,000	0	0	0	0	0
Hampton U.	1,135	0	768	0	0	0	0	368	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0
Washington											
Public											
Central WA U.	0	0	0	0	0	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0
U. WA Seattle	12,529	619	860	0	1,154	9,896	0	0	0	0	0
WA State U.	10,347	3,838	2,249	0	1,404	1,250	0	1,606	0	0	0
Western WA U.	1,322	0	0	0	522	0	0	0	0	0	800

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Bastyr U.	0	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	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
Seattle U.	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	1,331	0	631	0	0	0	0	0	350	350	0
West Virginia											
Public											
Marshall U.	0	0	0	0	0	0	0	0	0	0	0
WV State U.	507	253	253	0	0	0	0	0	0	0	0
WV U.	10,134	0	0	0	0	9,484	0	650	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI-Eau Claire	0	0	0	0	0	0	0	0	0	0	0
U. WI-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0	0	0	0	0	0
U. WI-Madison	5,017	0	0	0	0	4,674	0	343	0	0	0
U. WI-Milwaukee	15,271	0	1,601	314	4,723	2,817	252	2,847	1,200	1,517	0
U. WI-Oshkosh	0	0	0	0	0	0	0	0	0	0	0
U. WI-Stevens Point	0	0	0	0	0	0	0	0	0	0	0
U. WI-Superior	0	0	0	0	0	0	0	0	0	0	0
Private											
Marquette U.	503	0	0	0	0	0	0	503	0	0	0
Medical C. WI	13,720	0	13,720	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	8,688	0	0	0	0	2,476	0	6,212	0	0	0
Guam											
Public											
U. GU	900	250	650	0	0	0	0	0	0	0	0

TABLE 25. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2010 or FY 2011
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Puerto Rico											
Public											
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	1,242	0	901	0	0	341	0	0	0	0	0
U. PR Rio Piedras	0	0	0	0	0	0	0	0	0	0	0
Private											
Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
Universidad del Este	0	0	0	0	0	0	0	0	0	0	0
Universidad del Turabo	5,725	0	0	0	5,725	0	0	0	0	0	0
Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the VI	704	704	0	0	0	0	0	0	0	0	0

NA = not available; data were not provided by institution.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 26. Costs for repair and renovation of science and engineering research space in academic institutions, by field and geographic region: Planned to start in FY 2012 or FY 2013

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	3,107.9	522.2	1,255.8	632.7	689.5
Agricultural and natural resources sciences	78.4	21.2	12.4	31.5	11.0
Biological and biomedical sciences	976.0	128.5	486.1	260.3	97.5
Computer and information sciences	49.3	2.0	43.3	2.5	1.2
Engineering	268.5	77.5	77.9	78.0	35.1
Health and clinical sciences	963.9	156.4	161.5	158.6	487.1
Mathematics and statistics	17.0	0.0	10.1	1.0	5.9
Physical sciences					
Earth, atmospheric, and ocean sciences	68.1	33.4	12.9	14.7	7.1
Astronomy, chemistry, and physics	426.4	87.7	235.6	71.0	31.1
Psychology	55.3	8.4	40.2	4.5	2.2
Social sciences	181.0	7.2	163.2	8.1	2.5
Other	23.9	0.0	12.6	2.4	8.9

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Alabama											
Public											
AL A&M U.	0	0	0	0	0	0	0	0	0	0	0
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U. main campus	6,497	4,530	0	0	0	1,967	0	0	0	0	0
U. AL Birmingham, The	1,486	0	522	0	0	964	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Tuscaloosa, The	9,438	0	2,270	0	5,013	0	0	270	0	1,885	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	0	0	0	0	0	0	0	0	0	0	0
U. AK Southeast	0	0	0	0	0	0	0	0	0	0	0
Arizona											
Public											
AZ State U.	1,615	0	0	0	515	0	0	0	600	500	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	9,816	5,210	473	0	0	2,085	0	1,669	0	0	379
Arkansas											
Public											
AR State U. main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
U. AR Little Rock	0	0	0	0	0	0	0	0	0	0	0
U. AR main campus	0	0	0	0	0	0	0	0	0	0	0
U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0	0
U. Central AR	0	0	0	0	0	0	0	0	0	0	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	0	0	0	0	0	0	0	0	0	0	0
CA State Polytechnic U., Pomona	0	0	0	0	0	0	0	0	0	0	0
CA State U., Bakersfield	0	0	0	0	0	0	0	0	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fullerton	0	0	0	0	0	0	0	0	0	0	0
CA State U., Long Beach	0	0	0	0	0	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Northridge	0	0	0	0	0	0	0	0	0	0	0
CA State U., Sacramento	0	0	0	0	0	0	0	0	0	0	0
CA State U., San Bernardino	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
San Diego State U.	1,512	0	1,512	0	0	0	0	0	0	0	0
San Francisco State U.	400	0	0	0	0	0	0	400	0	0	0
San Jose State U.	58,000	0	0	0	0	58,000	0	0	0	0	0
U. CA, Berkeley	13,703	0	4,756	0	5,879	0	0	3,068	0	0	0
U. CA, Davis	16,802	0	2,402	0	0	11,400	0	3,000	0	0	0
U. CA, Irvine	21,689	0	10,621	0	6,510	4,558	0	0	0	0	0
U. CA, Los Angeles	243,102	0	0	0	0	243,102	0	0	0	0	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	13,368	0	13,368	0	0	0	0	0	0	0	0
U. CA, San Diego	918	0	0	0	600	0	0	318	0	0	0
U. CA, San Francisco	120,754	0	17,039	0	0	103,715	0	0	0	0	0
U. CA, Santa Barbara	5,169	0	2,799	0	600	0	0	1,290	0	0	480
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
CA Institute of Technology	24,274	0	8,041	830	3,160	0	0	12,243	0	0	0
Chapman U.	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
Claremont Graduate U.	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
Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	250	0	0	0	0	250	0	0	0	0	0
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0
Occidental C.	0	0	0	0	0	0	0	0	0	0	0
Pomona C.	8,354	0	0	0	0	0	2,212	6,142	0	0	0
Santa Clara U.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	300	0	300	0	0	0	0	0	0	0	0
Stanford U.	43,286	0	0	0	6,716	35,027	0	1,228	315	0	0
U. Redlands	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. San Diego	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
U. Southern CA	8,990	0	0	0	1,471	3,746	3,506	267	0	0	0
U. of the Pacific	0	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Public											
CO School of Mines	750	0	0	0	0	0	0	750	0	0	0
CO State U.	3,700	0	0	0	0	0	0	0	0	0	3,700
Mesa State C.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	5,430	0	1,663	0	1,849	344	0	983	592	0	0
U. CO Colorado Springs	600	0	0	0	0	600	0	0	0	0	0
U. CO Denver and Anschutz Medical Campus	1,656	0	0	0	0	1,656	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Public											
U. CT	88,918	2,613	85,467	0	838	0	0	0	0	0	0
Private											
Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0	0
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	2,240	0	1,240	0	0	0	0	1,000	0	0	0
Yale U.	116,796	0	700	0	12,000	41,846	0	62,250	0	0	0
Delaware											
Public											
DE State U.	1,250	0	0	500	500	0	250	0	0	0	0
U. DE	5,800	0	0	0	0	0	0	5,800	0	0	0
District of Columbia											
Public											
U. DC	3,091	1,693	742	0	0	395	0	260	0	0	0
Private											
American U.	2,200	0	1,200	0	0	0	0	0	1,000	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Gallaudet U.	0	0	0	0	0	0	0	0	0	0	0
George Washington U.	400	0	0	0	0	400	0	0	0	0	0
Georgetown U.	0	0	0	0	0	0	0	0	0	0	0
Howard U.	11,100	0	6,000	0	4,500	600	0	0	0	0	0
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	25,116	8,892	3,700	0	0	0	0	10,000	0	2,524	0
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	6,200	0	2,200	0	0	0	0	4,000	0	0	0
FL State U.	1,156	0	0	0	0	0	0	1,156	0	0	0
U. Central FL	0	0	0	0	0	0	0	0	0	0	0
U. FL	0	0	0	0	0	0	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	1,060	0	0	0	0	1,060	0	0	0	0	0
U. West FL	0	0	0	0	0	0	0	0	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	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
U. Miami	9,276	0	2,918	0	682	0	0	5,675	0	0	0
Georgia											
Public											
Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Health Sciences U.	1,596	0	1,596	0	0	0	0	0	0	0	0
GA Institute of Technology	14,600	0	0	0	6,000	0	0	8,600	0	0	0
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	500	0	0	0	0	250	0	0	250	0	0
Kennesaw State U.	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
U. GA	11,900	500	0	0	3,500	7,900	0	0	0	0	0
U. West GA	0	0	0	0	0	0	0	0	0	0	0
Private											
Agnes Scott C.	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	730	0	250	0	0	0	0	480	0	0	0
Emory U.	0	0	0	0	0	0	0	0	0	0	0
Mercer U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	10,000	0	10,000	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Public											
U. HI Hilo	1,500	1,500	0	0	0	0	0	0	0	0	0
U. HI Manoa	11,000	0	11,000	0	0	0	0	0	0	0	0
Idaho											
Public											
Boise State U.	6,350	0	1,650	0	0	0	0	400	0	0	4,300
ID State U.	0	0	0	0	0	0	0	0	0	0	0
U. ID	842	501	0	0	0	0	0	341	0	0	0
Illinois											
Public											
Chicago State U.	1,500	1,500	0	0	0	0	0	0	0	0	0
Governors State U.	0	0	0	0	0	0	0	0	0	0	0
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0	0	0	0	0	0
Southern IL U. Edwardsville	6,372	2,500	0	0	1,552	0	0	2,320	0	0	0
U. IL Chicago	5,090	0	676	0	0	3,561	0	435	0	419	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	8,175	850	350	0	650	450	0	5,300	300	275	0
Western IL U.	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
DePaul U.	0	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Loyola U. Chicago	6,447	2,006	2,693	0	0	0	0	693	0	1,055	0
Midwestern U. (Downers Grove, IL)	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	49,390	0	23,669	0	504	23,376	0	1,400	441	0	0
Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
Rush U.	5,600	0	3,900	0	0	1,700	0	0	0	0	0
U. Chicago	20,000	0	0	0	0	20,000	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Indiana											
Public											
Ball State U.	250	0	250	0	0	0	0	0	0	0	0
IN State U.	0	0	0	0	0	0	0	0	0	0	0
IN U. Bloomington	10,000	0	2,000	2,000	0	0	0	4,000	2,000	0	0
IN U. South Bend	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Ft. Wayne	0	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U. Indianapolis	40,600	0	0	0	0	40,600	0	0	0	0	0
Purdue U. Calumet	0	0	0	0	0	0	0	0	0	0	0
Purdue U. West Lafayette	24,015	900	9,575	0	1,844	5,300	0	6,396	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	2,828	0	1,728	0	1,100	0	0	0	0	0	0
U. IA	29,912	0	6,574	0	11,669	0	0	11,669	0	0	0
U. Northern IA	645	0	0	0	0	0	0	0	645	0	0
Private											
Grinnell C.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	0	0	0	0	0	0	0	0	0	0	0
Pittsburg State U.	600	600	0	0	0	0	0	0	0	0	0
U. KS	4,272	0	4,272	0	0	0	0	0	0	0	0
Wichita State U.	2,191	0	2,191	0	0	0	0	0	0	0	0
Kentucky											
Public											
Eastern KY U.	0	0	0	0	0	0	0	0	0	0	0
KY State U.	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
Murray State U.	489	0	489	0	0	0	0	0	0	0	0
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	13,702	803	6,473	0	1,678	2,649	0	2,099	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Louisville	12,460	0	8,740	0	260	3,460	0	0	0	0	0
Western KY U.	500	0	0	0	0	0	0	500	0	0	0
Louisiana											
Public											
LA State U. and A&M C.	5,197	2,903	269	0	0	1,366	380	279	0	0	0
LA State U. Health Sciences Ctr. New Orleans	5,167	0	500	0	0	4,667	0	0	0	0	0
LA State U. Medical Ctr. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	0	0	0	0	0	0	0	0	0	0	0
McNeese State U.	0	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	0	0	0	0	0	0	0	0	0	0	0
Northwestern State U.	0	0	0	0	0	0	0	0	0	0	0
Southeastern LA U.	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
U. LA Lafayette	0	0	0	0	0	0	0	0	0	0	0
U. LA Monroe	3,000	0	0	0	0	0	0	3,000	0	0	0
U. New Orleans	0	0	0	0	0	0	0	0	0	0	0
Private											
Dillard U.	505	0	250	0	0	0	0	255	0	0	0
Tulane U.	18,756	0	3,756	0	0	15,000	0	0	0	0	0
Xavier U. LA	0	0	0	0	0	0	0	0	0	0	0
Maine											
Public											
U. ME	724	724	0	0	0	0	0	0	0	0	0
U. Southern ME	1,300	0	450	0	0	0	0	850	0	0	0
Private											
Bates C.	0	0	0	0	0	0	0	0	0	0	0
Colby C.	0	0	0	0	0	0	0	0	0	0	0
U. New England	500	0	500	0	0	0	0	0	0	0	0
Maryland											
Public											
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Towson U.	0	0	0	0	0	0	0	0	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD, Baltimore	9,000	0	3,400	0	0	5,600	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. MD, Baltimore County	358	0	0	0	358	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD, College Park	3,206	2,000	0	0	430	0	0	776	0	0	0
U. MD, Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U., The	59,578	0	55,078	0	2,500	0	0	750	1,250	0	0
Massachusetts											
Public											
U. MA Amherst	2,884	0	1,064	0	0	800	0	1,021	0	0	0
U. MA Boston	0	0	0	0	0	0	0	0	0	0	0
U. MA Dartmouth	7,000	0	1,000	0	4,000	500	0	1,500	0	0	0
U. MA Lowell	4,200	0	300	400	2,300	0	0	1,200	0	0	0
U. MA Worcester	28,625	0	17,175	0	0	11,450	0	0	0	0	0
Private											
Amherst C.	0	0	0	0	0	0	0	0	0	0	0
Boston C.	5,700	0	1,850	0	0	0	0	3,850	0	0	0
Boston U.	4,802	0	300	1,100	0	2,247	0	0	591	564	0
Brandeis U.	540	0	540	0	0	0	0	0	0	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	180,720	600	114,495	1,750	8,450	0	6,000	28,835	0	20,590	0
MA Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	42,175	0	8,999	1,194	16,155	6,462	0	6,517	2,847	0	0
Smith C.	0	0	0	0	0	0	0	0	0	0	0
Tufts U.	8,175	0	0	0	0	8,175	0	0	0	0	0
Wellesley C.	0	0	0	0	0	0	0	0	0	0	0
Williams C.	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	3,500	0	300	2,000	300	0	0	900	0	0	0
Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Public											
Eastern MI U.	8,790	0	3,396	0	0	0	0	4,024	1,370	0	0
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0
MI State U.	3,580	400	2,100	0	1,080	0	0	0	0	0	0
MI Technological U.	250	0	0	0	0	250	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
U. MI-Ann Arbor	0	0	0	0	0	0	0	0	0	0	0
U. MI-Dearborn	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	3,575	0	975	0	0	0	0	2,600	0	0	0
Western MI U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Calvin C.	0	0	0	0	0	0	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0	0
Kettering U.	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
U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	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
U. MN, Duluth	6,500	0	0	0	0	0	0	6,500	0	0	0
U. MN, Twin Cities	20,838	0	0	0	0	3,638	0	15,800	1,400	0	0
Private											
Carleton C.	1,000	0	0	0	0	0	0	1,000	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0	0
Mayo Medical School C. of Medicine	1,330	0	1,330	0	0	0	0	0	0	0	0
Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	0	0	0	0	0	0	0	0	0	0	0
Mississippi											
Public											
Alcorn State U.	4,000	4,000	0	0	0	0	0	0	0	0	0
Jackson State U.	0	0	0	0	0	0	0	0	0	0	0
MS State U.	1,150	1,150	0	0	0	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	476	0	0	0	476	0	0	0	0	0	0
U. Southern MS	250	0	250	0	0	0	0	0	0	0	0
Private											
Tougaloo C.	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Public											
Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
MO State U.	0	0	0	0	0	0	0	0	0	0	0
MO U. of Science and Technology	8,178	0	0	0	7,613	0	0	565	0	0	0
U. MO-Columbia	60,583	0	0	0	23,103	0	0	37,480	0	0	0
U. MO-Kansas City	0	0	0	0	0	0	0	0	0	0	0
U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0	0
Private											
A. T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	500	0	0	0	0	500	0	0	0	0	0
Washington U. St. Louis	66,197	0	34,019	0	1,000	26,968	0	3,910	300	0	0
Montana											
Public											
MT State U. Bozeman	0	0	0	0	0	0	0	0	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0	0
U. MT, The	0	0	0	0	0	0	0	0	0	0	0
Nebraska											
Public											
U. NE Lincoln	10,245	4,300	0	0	1,026	0	0	4,920	0	0	0
U. NE Medical Ctr.	18,000	0	7,200	0	0	10,800	0	0	0	0	0
U. NE Omaha	3,850	0	0	0	3,850	0	0	0	0	0	0
Private											
Creighton U.	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
U. NV, Las Vegas	3,575	400	300	350	250	400	0	1,225	400	250	0
U. NV, Reno	410	410	0	0	0	0	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	0	0	0	0	0	0	0	0	0	0	0
Private											
Dartmouth C.	2,200	0	2,200	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
New Jersey											
Public											
Montclair State U.	0	0	0	0	0	0	0	0	0	0	0
NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rowan U.	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-Camden	0	0	0	0	0	0	0	0	0	0	0
Rutgers, the State U. NJ-New Brunswick	18,401	2,616	11,209	0	3,869	0	0	0	0	707	0
Rutgers, the State U. NJ-Newark	1,580	0	250	0	0	0	0	1,330	0	0	0
U. of Medicine and Dentistry NJ	15,000	0	15,000	0	0	0	0	0	0	0	0
Private											
Monmouth U.	0	0	0	0	0	0	0	0	0	0	0
Princeton U.	149,505	0	6,585	16,920	0	0	0	0	0	126,000	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	2,000	0	250	250	1,000	0	0	500	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0
NM Institute of Mining and Technology	0	0	0	0	0	0	0	0	0	0	0
NM State U.	0	0	0	0	0	0	0	0	0	0	0
U. NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
New York											
Public											
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	20,450	0	3,000	0	0	0	0	6,700	0	0	10,750
CUNY, City C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, C. Staten Island	5,000	0	2,000	3,000	0	0	0	0	0	0	0
CUNY, Graduate Ctr.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	0	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	2,000	0	0	250	0	0	0	750	1,000	0	0
CUNY, John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	11,900	0	7,500	0	0	0	0	4,000	400	0	0
SUNY, Albany	7,300	0	7,050	0	0	0	0	250	0	0	0
SUNY, Binghamton	9,496	0	0	1,194	1,466	0	0	408	6,429	0	0
SUNY, Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Geneseo	20,000	0	0	0	0	0	0	0	10,000	10,000	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
SUNY, C. of Agriculture and Technology Cobleskill	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	12,000	0	12,000	0	0	0	0	0	0	0	0
SUNY, C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	0	0	0	0	0	0	0	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	34,100	0	34,100	0	0	0	0	0	0	0	0
SUNY, Stony Brook	21,763	0	600	0	3,600	12,060	635	2,578	1,546	744	0
SUNY, Upstate Medical U.	20,782	0	20,782	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	0	0	0	0	0	0	0	0	0	0	0
Alfred U.	0	0	0	0	0	0	0	0	0	0	0
Barnard C.	0	0	0	0	0	0	0	0	0	0	0
Clarkson U.	0	0	0	0	0	0	0	0	0	0	0
Colgate U.	2,527	0	917	0	0	0	0	1,610	0	0	0
Columbia U. in the City of New York	13,007	0	11,827	1,181	0	0	0	0	0	0	0
Cornell U.	12,866	5,345	1,198	0	0	2,260	0	0	2,709	1,355	0
Fordham U.	2,000	0	2,000	0	0	0	0	0	0	0	0
Hamilton C.	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
Hofstra U.	4,146	0	0	0	2,896	0	0	500	0	750	0
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	10,000	0	10,000	0	0	0	0	0	0	0	0
New School, The	0	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	250	0	0	0	250	0	0	0	0	0	0
NY Medical C.	10,615	0	5,321	0	0	5,294	0	0	0	0	0
NY U.	93,142	0	12,404	3,500	0	1,000	3,500	72,404	333	0	0
Pace U.	1,500	0	0	0	0	1,500	0	0	0	0	0
Polytechnic U.	5,000	0	5,000	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	0	0	0	0	0	0	0	0	0	0	0
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U., The	0	0	0	0	0	0	0	0	0	0	0
Siena C.	0	0	0	0	0	0	0	0	0	0	0
Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
St. John's U. (Jamaica, NY)	2,000	0	1,200	0	0	0	0	800	0	0	0
Syracuse U.	0	0	0	0	0	0	0	0	0	0	0
Teachers C. Columbia U.	0	0	0	0	0	0	0	0	0	0	0
Union C. (Schenectady, NY)	563	0	0	0	0	0	0	0	0	563	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013

(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Rochester	10,473	0	5,805	0	255	2,800	0	1,613	0	0	0
Vassar C.	21,600	0	0	5,600	0	0	0	6,000	10,000	0	0
Yeshiva U.	8,354	0	6,626	0	0	1,727	0	0	0	0	0
North Carolina											
Public											
Appalachian State U.	0	0	0	0	0	0	0	0	0	0	0
East Carolina U.	11,025	0	8,808	0	0	0	0	2,217	0	0	0
Elizabeth City State U.	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
NC Agricultural and Technical State U.	10,844	0	0	0	10,844	0	0	0	0	0	0
NC Central U.	0	0	0	0	0	0	0	0	0	0	0
NC State U.	6,200	0	6,200	0	0	0	0	0	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	4,526	0	503	0	0	4,023	0	0	0	0	0
U. NC Charlotte	2,689	0	0	0	2,689	0	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	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
Duke U.	5,416	0	680	0	2,730	281	0	1,440	0	285	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	0	0	0	0	0	0	0	0	0	0	0
North Dakota											
Public											
ND State U.	0	0	0	0	0	0	0	0	0	0	0
U. ND	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	3,600	0	0	0	1,500	0	0	2,100	0	0	0
Central State U.	0	0	0	0	0	0	0	0	0	0	0
Cleveland State U.	8,750	0	250	0	8,000	0	0	500	0	0	0
Kent State U.	0	0	0	0	0	0	0	0	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeast OH Medical U.	0	0	0	0	0	0	0	0	0	0	0
OH State U.	906	0	0	0	0	278	0	629	0	0	0
OH U.	3,600	0	0	0	0	0	0	3,600	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
U. Akron	0	0	0	0	0	0	0	0	0	0	0
U. Cincinnati	36,285	0	20,058	0	2,732	12,897	0	598	0	0	0
U. Toledo	5,888	5,000	0	0	0	0	0	888	0	0	0
Wright State U.	1,900	0	0	0	400	1,500	0	0	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Case Western Reserve U.	0	0	0	0	0	0	0	0	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
U. Dayton	8,121	0	0	0	8,121	0	0	0	0	0	0
Oklahoma											
Public											
Langston U.	0	0	0	0	0	0	0	0	0	0	0
OK State U. Ctr. for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
OK State U. Stillwater	0	0	0	0	0	0	0	0	0	0	0
U. Central OK	1,250	0	0	0	250	0	0	500	0	500	0
U. OK	806	0	0	0	0	806	0	0	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	10,130	0	4,930	0	0	5,200	0	0	0	0	0
OR State U.	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
U. OR	12,175	0	11,857	0	0	318	0	0	0	0	0
Private											
Lewis & Clark C.	0	0	0	0	0	0	0	0	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Willamette U.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0	0
PA State U. Erie, The Behrend C.	0	0	0	0	0	0	0	0	0	0	0
PA State U. Harrisburg	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
PA State U. University Park and Hershey Medical Ctr.	7,800	0	7,800	0	0	0	0	0	0	0	0
Temple U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U. Pittsburgh main campus	27,517	0	3,514	500	0	7,677	0	15,826	0	0	0
West Chester U. PA	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
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	6,150	0	3,450	0	0	0	0	2,700	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	2,200	0	2,200	0	0	0	0	0	0	0	0
Duquesne U.	1,000	0	350	0	0	300	0	350	0	0	0
Franklin & Marshall C.	700	0	700	0	0	0	0	0	0	0	0
Haverford C.	0	0	0	0	0	0	0	0	0	0	0
Lafayette C.	0	0	0	0	0	0	0	0	0	0	0
Lehigh U.	2,500	0	0	0	2,500	0	0	0	0	0	0
Mercyhurst C.	1,300	250	0	0	0	0	0	0	0	250	800
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0
Philadelphia U.	0	0	0	0	0	0	0	0	0	0	0
Salus U.	0	0	0	0	0	0	0	0	0	0	0
St. Francis U.	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's U.	1,700	0	1,200	0	0	0	0	500	0	0	0
Swarthmore C.	1,980	0	750	0	680	0	0	0	550	0	0
Thomas Jefferson U.	18,200	0	0	0	0	18,200	0	0	0	0	0
U. PA	28,510	0	0	0	2,700	23,110	0	1,700	0	1,000	0
U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Villanova U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Washington and Jefferson C.	7,948	0	5,787	0	0	0	0	0	2,162	0	0
Rhode Island											
Public											
U. RI	2,845	0	0	0	0	2,845	0	0	0	0	0
Private											
Brown U.	75,740	0	30,000	3,858	13,709	10,650	0	17,205	318	0	0
Roger Williams U.	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Public											
Clemson U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0
C. Charleston	2,380	0	580	0	0	0	0	0	900	900	0
Medical U. SC	43,977	0	9,675	0	0	34,302	0	0	0	0	0
SC State U.	0	0	0	0	0	0	0	0	0	0	0
U. SC Columbia	29,537	0	1,141	0	13,636	14,315	0	445	0	0	0
Private											
Benedict C.	0	0	0	0	0	0	0	0	0	0	0
Claffin U.	0	0	0	0	0	0	0	0	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	500	0	250	0	0	0	0	250	0	0	0
SD School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0
SD State U.	1,000	0	0	0	1,000	0	0	0	0	0	0
U. SD	1,100	0	0	0	0	0	0	1,100	0	0	0
Tennessee											
Public											
East TN State U.	11,476	0	2,149	0	0	9,327	0	0	0	0	0
Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN State U.	0	0	0	0	0	0	0	0	0	0	0
TN Technological U.	0	0	0	0	0	0	0	0	0	0	0
U. Memphis, The	1,600	0	0	0	400	0	0	0	0	0	1,200
U. TN Chattanooga	4,680	0	0	0	0	4,680	0	0	0	0	0
U. TN Knoxville	11,904	3,170	0	250	2,123	4,838	0	323	0	0	1,200
U. TN Martin	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
Meharry Medical C.	1,849	0	1,849	0	0	0	0	0	0	0	0
Vanderbilt U.	4,950	0	2,950	0	0	2,000	0	0	0	0	0
Texas											
Public											
Angelo State U.	0	0	0	0	0	0	0	0	0	0	0
Lamar U.	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
Sam Houston State U.	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

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
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	0	0
TX A&M International U.	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.	854	0	416	0	438	0	0	0	0	0	0
TX A&M U.-Commerce	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0	0	0	0	0	0
TX A&M U.-Kingsville	0	0	0	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	980	0	980	0	0	0	0	0	0	0	0
TX Southern U.	0	0	0	0	0	0	0	0	0	0	0
TX State U.-San Marcos	0	0	0	0	0	0	0	0	0	0	0
TX Tech U.	2,592	600	0	0	0	0	0	0	0	1,992	0
TX Tech U. Health Sciences Ctr.	0	0	0	0	0	0	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	0	0	0	0	0	0	0	0	0	0	0
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0	0
U. North TX	22,469	0	3,000	0	12,469	0	0	7,000	0	0	0
U. North TX Health Science Ctr.	473	0	473	0	0	0	0	0	0	0	0
U. TX Arlington	1,721	0	0	0	1,375	0	0	346	0	0	0
U. TX Austin	6,520	0	0	0	3,909	2,355	0	256	0	0	0
U. TX Brownsville	0	0	0	0	0	0	0	0	0	0	0
U. TX Dallas	0	0	0	0	0	0	0	0	0	0	0
U. TX El Paso	2,100	0	1,500	0	300	0	0	300	0	0	0
U. TX Health Science Ctr. Houston	4,000	0	4,000	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	4,300	0	0	0	0	4,300	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	3,793	0	3,793	0	0	0	0	0	0	0	0
U. TX Medical Branch	1,825	0	1,825	0	0	0	0	0	0	0	0
U. TX of the Permian Basin	976	0	0	0	0	976	0	0	0	0	0
U. TX-Pan American	1,153	0	0	0	0	763	0	390	0	0	0
U. TX San Antonio	2,009	0	676	667	0	0	0	667	0	0	0
U. TX Southwestern Medical Ctr.	52,873	0	43,217	0	0	9,656	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Baylor C. of Medicine	2,500	0	2,500	0	0	0	0	0	0	0	0
Baylor U.	0	0	0	0	0	0	0	0	0	0	0
Rice U.	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
TX Christian U.	2,750	0	0	0	750	0	0	2,000	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Utah											
Public											
U. UT	9,380	0	784	0	3,000	2,696	0	1,900	250	750	0
UT State U.	283	283	0	0	0	0	0	0	0	0	0
Private											
Brigham Young U.	0	0	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	2,694	270	0	0	709	425	0	1,290	0	0	0
Private											
Middlebury C.	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
C. of William and Mary and VA Institute of Marine Science	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
James Madison U.	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
Old Dominion U.	0	0	0	0	0	0	0	0	0	0	0
U. VA	43,100	0	42,000	750	0	0	0	350	0	0	0
VA Commonwealth U.	17,176	0	2,602	0	0	14,575	0	0	0	0	0
VA Polytechnic Institute and State U.	32,852	0	7,642	0	0	0	0	25,210	0	0	0
VA State U.	2,731	500	400	350	0	0	376	0	1,105	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	0	0	0	0	0	0	0	0	0	0	0
U. Richmond	0	0	0	0	0	0	0	0	0	0	0
Washington											
Public											
Central WA U.	0	0	0	0	0	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0
U. WA Seattle	21,401	2,005	1,072	0	3,210	13,948	0	1,167	0	0	0
WA State U.	4,255	700	2,650	0	425	0	0	0	0	480	0
Western WA U.	2,435	0	0	0	853	0	0	1,120	0	462	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Private											
Bastyr U.	0	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	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
Seattle U.	0	0	0	0	0	0	0	0	0	0	0
Whitman C.	500	0	250	0	0	0	0	250	0	0	0
West Virginia											
Public											
Marshall U.	0	0	0	0	0	0	0	0	0	0	0
WV State U.	500	500	0	0	0	0	0	0	0	0	0
WV U.	5,000	0	0	0	0	5,000	0	0	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI-Eau Claire	0	0	0	0	0	0	0	0	0	0	0
U. WI-Green Bay	0	0	0	0	0	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0	0	0	0	0	0
U. WI-Madison	3,422	3,000	0	0	0	0	0	422	0	0	0
U. WI-Milwaukee	13,120	0	0	0	582	4,600	0	1,250	1,225	5,463	0
U. WI-Oshkosh	529	0	0	0	0	0	0	0	529	0	0
U. WI-Stevens Point	0	0	0	0	0	0	0	0	0	0	0
U. WI-Superior	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
Medical C. WI	750	0	750	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	0	0	0	0	0	0	0	0	0	0	0
Guam											
Public											
U. GU	0	0	0	0	0	0	0	0	0	0	0

TABLE 27. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start in FY 2012 or FY 2013
(Costs in thousands of dollars)

State, control, and institution	All fields	Agricultural and natural resources sciences	Biological and biomedical sciences	Computer and information sciences	Engineering	Health and clinical sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Other
Puerto Rico											
Public											
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	1,941	0	1,600	0	0	341	0	0	0	0	0
U. PR Rio Piedras	4,500	2,000	1,500	0	0	0	0	1,000	0	0	0
Private											
Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
Universidad del Este	300	0	300	0	0	0	0	0	0	0	0
Universidad del Turabo	0	0	0	0	0	0	0	0	0	0	0
Universidad Metropolitana	251	0	251	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. of the VI	650	328	0	322	0	0	0	0	0	0	0

NA = not available; data were not provided by institution.

NOTES: Details may not add to totals due to rounding. Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 28. Costs for repair and renovation of science and engineering research space in academic institutions, by geographic region and time of repair and renovation: FY 2006–13

(Costs in millions of dollars)

Geographic region	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
United States	3,361.6	3,015.8	3,511.0	3,107.9	4,826.1	2,552.6
Midwest	510.2	615.5	577.3	522.2	1,156.9	772.5
Northeast	1,133.4	1,243.5	1,572.3	1,255.8	735.5	816.7
South	1,183.4	642.8	779.4	632.7	1,244.0	609.7
West	534.7	511.6	573.4	689.5	1,682.7	353.8

NOTES: Details may not add to totals due to rounding. Guam, Puerto Rico, and U.S. Virgin Islands are included in national statistics but are excluded from geographic regions.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Alabama						
Public						
AL A&M U.	0	NA	0	0	0	0
AL State U.	0	0	0	0	0	0
Auburn U. main campus ^a	na	na	0	6,497	0	0
U. AL Birmingham, The	2,945	5,087	8,118	1,486	0	0
U. AL Huntsville, The	0	0	0	0	0	0
U. AL Tuscaloosa, The	0	707	2,642	9,438	0	0
U. South AL	0	0	0	0	0	0
Private						
Tuskegee U.	11,529	0	0	0	0	0
Alaska						
Public						
U. AK Fairbanks	NA	9,000	2,942	0	0	0
U. AK Southeast	na	NA	3,450	0	0	0
Arizona						
Public						
AZ State U.	2,366	7,449	21,375	1,615	2,141	0
Northern AZ U.	750	500	5,000	0	0	0
U. AZ	11,685	2,918	5,725	9,816	0	0
Arkansas						
Public						
AR State U. main campus	403	0	2,000	0	0	6,000
U. AR for Medical Sciences	0	2,267	10,974	0	0	0
U. AR Little Rock	3,000	0	0	0	0	0
U. AR main campus	6,165	0	0	0	0	NA
U. AR Pine Bluff	0	0	0	0	2,000	0
U. Central AR	0	0	0	0	0	0
California						
Public						
CA Polytechnic State U., San Luis Obispo	1,650	0	250	0	350	0
CA State Polytechnic U., Pomona	0	463	1,592	0	950	0
CA State U., Bakersfield	0	1,025	675	0	0	3,400
CA State U., Chico	0	0	0	0	0	0
CA State U., Dominguez Hills	0	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0	0
CA State U., Fresno	0	667	0	0	0	0
CA State U., Fullerton	800	900	3,440	0	0	4,500
CA State U., Long Beach	0	0	0	0	0	0
CA State U., Los Angeles	0	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	0	1,000
CA State U., Northridge	921	0	0	0	0	0
CA State U., Sacramento	0	0	1,300	0	0	0
CA State U., San Bernardino	1,254	787	0	0	0	0
Humboldt State U.	0	NA	0	0	0	0
San Diego State U.	1,877	1,400	1,516	1,512	0	0
San Francisco State U.	NA	3,210	0	400	0	11,507

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
San Jose State U.	0	0	1,500	58,000	0	13,800
U. CA, Berkeley	20,055	19,534	72,051	13,703	82,632	85,871
U. CA, Davis	110,181	57,272	41,200	16,802	285,526	0
U. CA, Irvine	10,265	8,999	39,102	21,689	61,812	14,651
U. CA, Los Angeles	5,790	9,524	48,619	243,102	0	0
U. CA, Merced	1,225	7,447	0	0	0	0
U. CA, Riverside	4,102	15,535	15,173	13,368	16,339	0
U. CA, San Diego	18,353	16,121	8,305	918	32,142	0
U. CA, San Francisco	68,852	7,631	47,452	120,754	621,362	0
U. CA, Santa Barbara	11,850	11,770	12,478	5,169	49,845	28,000
U. CA, Santa Cruz	14,078	3,721	10,369	0	0	0
Private						
CA Institute of Technology	10,212	24,993	9,668	24,274	14,395	0
Chapman U.	na	na	0	0	0	0
Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0
Claremont Graduate U.	0	400	0	0	0	0
Claremont McKenna C.	na	na	1,750	0	0	0
Harvey Mudd C.	0	0	0	0	0	0
Loma Linda U.	600	0	250	250	0	0
Loyola Marymount U.	250	0	1,500	0	0	0
Occidental C.	277	0	600	0	0	0
Pomona C.	0	14,336	0	8,354	NA	NA
Santa Clara U.	962	3,485	700	0	0	0
Scripps Research Institute, The	na	na	14,586	300	0	6,000
Stanford U.	52,542	51,436	19,156	43,286	0	0
U. Redlands	NA	0	0	0	0	0
U. San Diego	na	na	0	0	0	0
U. San Francisco	0	0	0	0	0	0
U. Southern CA	9,784	10,151	6,242	8,990	0	0
U. of the Pacific	0	0	0	0	0	0
Western U. of Health Sciences	315	0	0	0	0	0
Colorado						
Public						
CO School of Mines	956	1,900	2,946	750	0	0
CO State U.	500	4,896	1,050	3,700	5,300	0
Mesa State C.	na	na	0	0	0	0
U. CO Boulder	0	0	8,767	5,430	11,990	0
U. CO Colorado Springs	0	0	17,085	600	23,300	1,000
U. CO Denver and Anschutz Medical Campus	6,552	25,424	3,551	1,656	16,974	0
U. Northern CO	0	0	0	0	0	0
Private						
U. Denver	0	450	0	0	0	0
Connecticut						
Public						
U. CT	314	52,515	4,752	88,918	31,447	2,974
Private						
Trinity C. (Hartford, CT)	na	na	2,000	0	0	0
U. Hartford	0	0	0	0	0	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
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Wesleyan U.	580	1,050	3,257	2,240	10,000	0
Yale U.	187,441	141,291	113,456	116,796	137,600	0
Delaware						
Public						
DE State U.	1,763	0	500	1,250	11,200	0
U. DE	32,183	7,968	0	5,800	0	0
District of Columbia						
Public						
U. DC	0	0	260	3,091	0	0
Private						
American U.	0	3,100	0	2,200	0	0
Gallaudet U.	NA	NA	520	0	0	2,342
George Washington U.	67,600	345	40,535	400	0	0
Georgetown U.	16,505	1,940	17,408	0	0	0
Howard U.	550	1,385	9,529	11,100	0	0
Florida						
Public						
FL A&M U.	3,000	1,400	7,600	0	0	0
FL Atlantic U.	0	0	3,318	25,116	4,000	0
FL Gulf Coast U.	251	0	0	0	0	0
FL International U.	2,607	1,317	9,003	6,200	2,700	0
FL State U.	0	0	0	1,156	0	0
U. Central FL	0	0	0	0	0	0
U. FL	4,100	390	8,236	0	0	0
U. North FL	NA	0	0	0	0	0
U. South FL ^b	4,349	4,985	6,342	1,060	66,590	0
U. West FL	0	0	0	0	0	0
Private						
Embry-Riddle Aeronautical U.	0	0	0	0	0	0
FL Institute of Technology	0	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0	0
U. Miami	28,800	17,051	7,018	9,276	1,309	0
Georgia						
Public						
Ft. Valley State U.	0	0	0	0	0	0
GA Health Sciences U.	800	9,248	1,804	1,596	0	0
GA Institute of Technology	6,400	22,500	15,600	14,600	0	123,700
GA Southern U.	0	6,841	0	0	0	0
GA State U.	5,466	6,181	8,230	500	2,310	0
Kennesaw State U.	na	na	0	0	0	0
Savannah State U.	1,146	0	250	0	0	0
U. GA	1,685	2,800	3,967	11,900	20,383	0
U. West GA	0	NA	0	0	0	0
Private						
Agnes Scott C.	na	na	0	0	0	0
Clark Atlanta U.	0	0	250	730	0	1,500
Emory U.	7,055	2,942	0	0	0	0
Mercer U.	0	1,663	0	0	0	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

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Morehouse C.	2,256	0	0	0	0	0
Morehouse School of Medicine	0	354	0	10,000	0	0
Spelman C.	0	0	0	0	0	0
Hawaii						
Public						
U. HI Hilo	0	0	4,000	1,500	6,000	0
U. HI Manoa	19,184	26,768	2,400	11,000	0	0
Idaho						
Public						
Boise State U.	727	1,100	1,171	6,350	0	0
ID State U.	0	2,214	0	0	0	0
U. ID	1,732	9,320	1,216	842	3,069	0
Illinois						
Public						
Chicago State U.	0	0	0	1,500	2,000	1,000
Governors State U.	na	NA	8,750	0	0	22,000
IL State U.	0	0	0	0	0	0
Northern IL U.	0	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	0	0	0
Southern IL U. Edwardsville	0	0	4,680	6,372	2,000	0
U. IL Chicago	13,768	3,776	632	5,090	52,568	60,603
U. IL Springfield	350	0	0	0	0	0
U. IL Urbana-Champaign	15,120	15,620	21,400	8,175	196,650	197,550
Western IL U.	0	0	0	0	0	0
Private						
Bradley U.	0	0	0	0	0	0
DePaul U.	0	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0	0
Loyola U. Chicago	803	2,331	5,737	6,447	0	0
Midwestern U. (Downers Grove, IL)	0	4,390	0	0	0	0
Northwestern U.	50,907	54,673	75,163	49,390	127,525	0
Rosalind Franklin U. of Medicine and Science	250	0	495	0	0	0
Rush U.	750	1,000	4,928	5,600	7,600	2,000
U. Chicago	78,488	63,173	20,000	20,000	5,000	0
Indiana						
Public						
Ball State U.	0	0	0	250	0	0
IN State U.	0	1,631	1,531	0	732	0
IN U. Bloomington ^a	na	na	8,786	10,000	18,000	0
IN U. South Bend ^a	na	na	0	0	0	0
IN U.-Purdue U. Ft. Wayne ^a	na	na	300	0	0	0
IN U.-Purdue U. Indianapolis ^a	na	na	35,137	40,600	71,000	0
Purdue U. Calumet ^a	na	na	1,900	0	0	6,000
Purdue U. West Lafayette ^a	na	na	25,640	24,015	144,839	2,959
Private						
Rose-Hulman Institute of Technology	0	0	0	0	0	0
U. of Notre Dame	5,484	4,683	5,250	0	0	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

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Iowa						
Public						
IA State U.	1,708	1,105	916	2,828	0	43,429
U. IA	7,861	23,834	8,396	29,912	1,285	0
U. Northern IA	2,370	0	335	645	6,685	0
Private						
Grinnell C.	na	na	0	0	0	0
Palmer C. of Chiropractic	na	0	0	0	0	0
Kansas						
Public						
KS State U.	0	0	0	0	0	0
Pittsburg State U.	0	0	2,546	600	3,250	0
U. KS	2,976	4,154	55,252	4,272	0	0
Wichita State U.	0	0	588	2,191	0	0
Kentucky						
Public						
Eastern KY U.	na	na	0	0	0	0
KY State U.	0	0	12,368	0	0	0
Morehead State U.	0	0	0	0	0	0
Murray State U.	321	887	1,012	489	0	250
Northern KY U.	0	0	0	0	0	0
U. KY	16,925	11,376	32,912	13,702	179,166	295,584
U. Louisville	2,674	8,700	1,025	12,460	132,480	0
Western KY U.	0	2,773	5,701	500	0	0
Louisiana						
Public						
LA State U. and A&M C.	0	23,417	265	5,197	0	0
LA State U. Health Sciences Ctr. New Orleans	6,800	6,038	9,507	5,167	14,405	0
LA State U. Medical Ctr. Shreveport	na	0	0	0	0	0
LA State U. Shreveport	na	na	0	0	0	0
LA Tech U.	0	3,000	0	0	0	0
McNeese State U.	na	na	0	0	0	0
Nicholls State U.	na	na	11,600	0	700	0
Northwestern State U.	na	0	0	0	0	0
Southeastern LA U.	4,205	0	0	0	0	0
Southern U. and A&M C. Baton Rouge	0	0	0	0	0	0
U. LA Lafayette	0	0	754	0	0	0
U. LA Monroe	3,768	0	3,694	3,000	0	500
U. New Orleans	0	2,326	0	0	0	0
Private						
Dillard U.	na	0	500	505	800	0
Tulane U.	3,350	12,399	4,635	18,756	0	1,500
Xavier U. LA	0	0	2,281	0	0	0
Maine						
Public						
U. ME	0	0	3,690	724	0	0
U. Southern ME	0	0	0	1,300	4,500	0

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Private						
Bates C.	1,154	na	0	0	936	0
Colby C.	0	0	0	0	0	0
U. New England	NA	0	0	500	0	0
Maryland						
Public						
Morgan State U.	0	0	0	0	0	0
Towson U.	0	755	1,000	0	14,700	0
U. Baltimore	NA	0	0	0	0	0
U. MD, Baltimore	0	1,125	9,900	9,000	12,000	0
U. MD, Baltimore County	0	713	2,881	358	71,400	0
U. MD Ctr. for Environmental Science	0	0	NA	0	0	0
U. MD, College Park	11,654	9,084	18,599	3,206	44,970	131,800
U. MD, Eastern Shore	900	1,060	534	0	0	0
Private						
Johns Hopkins U., The	22,755	27,716	36,059	59,578	2,000	0
Massachusetts						
Public						
U. MA Amherst	18,897	34,291	53,961	2,884	0	15,750
U. MA Boston	760	6,073	750	0	0	0
U. MA Dartmouth	0	2,230	1,300	7,000	0	0
U. MA Lowell	0	0	4,000	4,200	7,550	51,880
U. MA Worcester	40,000	13,301	5,843	28,625	3,000	67,000
Private						
Amherst C.	0	0	0	0	0	0
Boston C.	7,618	20,801	4,785	5,700	0	0
Boston U.	15,741	34,051	19,302	4,802	6,000	0
Brandeis U.	0	5,100	515	540	2,353	0
Clark U.	0	0	0	0	0	0
C. of the Holy Cross	0	na	3,189	0	0	0
Harvard U.	109,420	108,061	189,566	180,720	0	0
MA Institute of Technology	NA	13,946	61,264	0	0	0
Mt. Holyoke C.	0	0	250	0	0	0
New England C. of Optometry	0	0	0	0	0	0
Northeastern U.	5,200	15,265	18,798	42,175	0	0
Smith C.	2,760	285	18,000	0	0	0
Tufts U.	12,347	40,717	35,251	8,175	13,335	0
Wellesley C.	0	1,003	378	0	0	0
Williams C.	0	0	0	0	0	0
Woods Hole Oceanographic Institution	6,719	2,333	3,210	3,500	10,000	0
Worcester Polytechnic Institute	0	0	0	0	0	0
Michigan						
Public						
Eastern MI U.	0	0	14,500	8,790	45,500	0
Grand Valley State U.	0	1,500	0	0	0	0
MI State U.	8,199	8,353	5,170	3,580	66,140	0
MI Technological U.	0	0	445	250	0	0
Oakland U.	0	0	0	0	0	0
U. MI-Ann Arbor ^a	na	na	0	0	0	0

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U. MI-Dearborn ^a	na	na	780	0	0	19,340
Wayne State U.	13,710	29,836	4,326	3,575	NA	NA
Western MI U.	0	0	0	0	0	0
Private						
Calvin C.	0	0	1,018	0	0	0
Hope C.	0	0	0	0	0	0
Kettering U.	7,500	0	0	0	0	0
Lawrence Technological U.	0	0	0	0	0	0
U. Detroit Mercy	na	na	0	0	0	0
Minnesota						
Public						
MN State U. Mankato	na	0	0	0	0	0
St. Cloud State U.	0	5,000	0	0	0	0
U. MN, Duluth ^a	na	na	0	6,500	0	0
U. MN, Twin Cities ^a	na	na	13,969	20,838	0	0
Private						
Carleton C.	807	710	1,475	1,000	0	0
Macalester C.	0	0	0	0	0	0
Mayo Medical School C. of Medicine	na	na	2,133	1,330	0	0
Northwestern Health Sciences U.	na	0	0	0	0	0
St. Olaf C.	na	250	0	0	0	0
Mississippi						
Public						
Alcorn State U.	13,000	0	0	4,000	0	0
Jackson State U.	NA	0	0	0	0	0
MS State U.	2,419	8,936	2,260	1,150	0	0
U. MS and U. MS Medical Ctr.	3,000	na	1,855	476	NA	NA
U. Southern MS	0	0	270	250	0	0
Private						
Tougaloo C.	na	0	0	0	0	0
Missouri						
Public						
Lincoln U. (Jefferson City, MO)	0	0	312	0	0	0
MO State U.	12,000	6,150	1,400	0	0	0
MO U. of Science and Technology	914	694	6,452	8,178	17,469	0
U. MO-Columbia	8,363	31,501	13,716	60,583	1,047	91,105
U. MO-Kansas City	1,072	10,257	1,200	0	2,500	750
U. MO-St. Louis	5,250	0	0	0	0	0
Private						
A. T. Still U. of Health Sciences	0	0	0	0	0	0
St. Louis U.	5,496	2,200	2,526	500	0	0
Washington U. St. Louis	41,794	21,752	38,684	66,197	52,700	0
Montana						
Public						
MT State U. Bozeman	2,583	2,100	18,489	0	0	0
MT Tech of the U. MT	0	0	0	0	0	0
U. MT, The	965	447	263	0	3,000	0

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Nebraska						
Public						
U. NE Lincoln	15,740	97,066	12,547	10,245	25,276	165,952
U. NE Medical Ctr.	1,340	0	0	18,000	0	0
U. NE Omaha	0	0	692	3,850	0	0
Private						
Creighton U.	6,263	3,975	1,107	0	54,040	0
Nevada						
Public						
Desert Research Institute	468	0	784	0	21,000	0
U. NV, Las Vegas	0	962	4,461	3,575	500	0
U. NV, Reno	3,351	3,390	1,326	410	0	0
New Hampshire						
Public						
Plymouth State U.	na	0	0	0	0	0
U. NH	403	0	11,190	0	NA	NA
Private						
Dartmouth C.	NA	3,898	1,617	2,200	0	0
New Jersey						
Public						
Montclair State U.	NA	4,450	0	0	0	0
NJ Institute of Technology	0	1,800	0	0	0	0
Rowan U.	250	2,035	0	0	0	0
Rutgers, the State U. NJ-Camden ^a	na	na	500	0	0	20,600
Rutgers, the State U. NJ-New Brunswick ^a	na	na	16,613	18,401	115,500	177,534
Rutgers, the State U. NJ-Newark ^a	na	na	3,522	1,580	0	0
U. of Medicine and Dentistry NJ	3,473	0	0	15,000	0	0
Private						
Monmouth U.	0	0	0	0	0	0
Princeton U.	16,306	20,561	67,520	149,505	9,420	0
Seton Hall U.	0	656	0	0	0	0
Stevens Institute of Technology	1,000	750	500	2,000	1,000	0
New Mexico						
Public						
NM Highlands U.	0	0	300	0	0	0
NM Institute of Mining and Technology	0	2,500	0	0	0	0
NM State U.	1,830	4,106	294	0	2,000	0
U. NM	8,473	5,510	NA	NA	NA	NA
New York						
Public						
CUNY, Baruch C.	0	0	0	0	0	0
CUNY, Brooklyn C.	0	2,601	5,830	20,450	1,700	0
CUNY, City C.	24,585	1,750	7,700	0	0	0
CUNY, C. Staten Island	0	17,000	17,000	5,000	2,000	0
CUNY, Graduate Ctr.	0	0	0	0	0	0
CUNY, Herbert H. Lehman C.	519	0	0	0	0	0

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					CUNY, Hunter C.	600
CUNY, John Jay C. of Criminal Justice	na	NA	0	0	0	0
CUNY, Queens C.	0	1,100	0	11,900	0	0
SUNY, Albany	15,552	46,500	126,960	7,300	5,000	0
SUNY, Binghamton	4,581	18,880	7,034	9,496	0	34,916
SUNY, Buffalo	2,351	3,154	25,280	0	29,656	0
SUNY, C. Buffalo	0	0	0	0	0	0
SUNY, C. Geneseo	14,453	15,062	0	20,000	0	0
SUNY, C. of Agriculture and Technology Cobleskill	na	na	0	0	0	0
SUNY, C. of Environmental Science and Forestry	0	0	0	12,000	0	0
SUNY, C. of Optometry	0	0	2,815	0	0	0
SUNY, C. Plattsburgh	na	na	5,678	0	0	0
SUNY, Health Science Ctr. Brooklyn	275	21,185	28,250	34,100	0	0
SUNY, Stony Brook	17,845	12,157	27,461	21,763	0	188,170
SUNY, Upstate Medical U.	29,902	19,622	6,520	20,782	14,205	0
Private						
Albany C. of Pharmacy	0	0	0	0	0	0
Albany Medical C.	650	2,066	0	0	2,109	0
Alfred U.	0	1,723	4,272	0	0	0
Barnard C.	314	0	2,363	0	5,500	0
Clarkson U.	0	0	0	0	0	0
Colgate U.	0	673	0	2,527	0	0
Columbia U. in the City of New York	31,504	16,023	5,834	13,007	0	0
Cornell U.	78,500	118,226	48,098	12,866	152,119	78,596
Fordham U.	1,100	0	4,100	2,000	7,500	0
Hamilton C.	0	0	0	0	0	0
Hobart and William Smith Colleges	na	0	0	0	0	0
Hofstra U.	na	na	1,404	4,146	2,500	0
Ithaca C.	0	0	0	0	0	0
Mt. Sinai School of Medicine	47,000	27,000	48,000	10,000	0	0
New School, The	0	250	0	0	0	0
NY Institute of Technology	1,200	0	0	250	1,000	0
NY Medical C.	0	348	1,117	10,615	14,100	0
NY U.	120,559	22,945	19,020	93,142	0	0
Pace U.	na	7,375	0	1,500	0	0
Polytechnic U.	0	0	0	5,000	0	0
Rensselaer Polytechnic Institute	7,902	6,400	0	0	13,000	0
Rochester Institute of Technology	0	416	0	0	0	16,000
Rockefeller U., The	9,209	146,257	111,000	0	2,000	0
Siena C.	na	na	0	0	0	0
Skidmore C.	na	na	0	0	0	0
St. John's U. (Jamaica, NY)	6,050	0	1,400	2,000	0	0
Syracuse U.	2,241	0	18,300	0	0	0
Teachers C. Columbia U.	0	0	2,029	0	0	0
Union C. (Schenectady, NY)	1,200	0	4,500	563	0	0
U. Rochester	20,954	25,231	15,436	10,473	3,567	47,026
Vassar C.	na	250	3,600	21,600	0	0
Yeshiva U.	0	11,063	9,466	8,354	0	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
North Carolina						
Public						
Appalachian State U.	0	0	0	0	0	0
East Carolina U.	0	0	422	11,025	0	0
Elizabeth City State U.	na	268	0	0	0	0
Fayetteville State U.	na	400	930	0	0	550
NC Agricultural and Technical State U.	13,665	16,736	10,844	10,844	6,000	1,000
NC Central U.	0	950	600	0	750	0
NC State U.	25,682	4,675	4,826	6,200	5,518	0
U. NC Asheville	0	0	0	0	0	0
U. NC Chapel Hill	50,786	10,210	5,154	4,526	554	0
U. NC Charlotte	595	6,050	664	2,689	32,445	0
U. NC Greensboro	11,625	288	0	0	56,600	0
U. NC Wilmington	0	5,000	332	0	0	0
Private						
Davidson C.	na	0	0	0	10,000	0
Duke U.	18,028	71,030	23,293	5,416	0	0
Shaw U.	0	0	0	0	0	0
Wake Forest U.	0	4,841	7,913	0	0	0
North Dakota						
Public						
ND State U.	0	326	8,645	0	33,758	0
U. ND	0	0	0	0	0	0
Ohio						
Public						
Bowling Green State U.	0	2,215	1,864	3,600	0	1,143
Central State U.	0	250	0	0	0	0
Cleveland State U.	0	6,220	1,750	8,750	12,750	12,950
Kent State U.	NA	0	330	0	0	0
Miami U.	5,175	10,727	250	0	2,950	0
Northeast OH Medical U.			0	0	0	0
OH State U.	5,349	2,884	15,555	906	0	0
OH U.	0	2,829	13,783	3,600	8,245	18,098
U. Akron	NA	NA	7,217	0	0	0
U. Cincinnati	1,884	0	26,408	36,285	78,005	0
U. Toledo	10,598	7,025	1,563	5,888	14,010	6,804
Wright State U.	3,914	6,625	900	1,900	0	0
Youngstown State U.	0	0	0	0	15,000	0
Private						
Case Western Reserve U.	23,430	3,520	2,412	0	0	0
Oberlin C.	na	na	2,345	0	0	0
U. Dayton	1,000	2,351	3,255	8,121	0	0
Oklahoma						
Public						
Langston U.	0	0	0	0	0	0
OK State U. Ctr. for Health Sciences ^a	na	na	1,200	0	0	0
OK State U. Stillwater ^a	na	na	0	0	0	0
U. Central OK	na	na	833	1,250	0	0
U. OK	3,325	517	3,692	806	5,000	2,500

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Private						
U. Tulsa	250	0	0	0	0	0
Oregon						
Public						
OR Health & Science U.	12,450	38,300	24,674	10,130	7,000	0
OR State U.	8,000	20,952	17,042	0	0	0
Portland State U.	925	6,534	0	0	6,695	27,518
U. OR	2,133	1,539	3,943	12,175	790	0
Private						
Lewis & Clark C.	na	0	260	0	296	0
Pacific U.	na	na	0	0	0	0
Reed C.	0	0	0	0	0	0
Willamette U.	na	na	0	0	0	0
Pennsylvania						
Public						
Lincoln U. of the Commonwealth of PA	na	na	0	0	0	0
PA State U. Erie, The Behrend C. ^a	na	na	4,364	0	0	0
PA State U. Harrisburg ^a	na	na	2,600	0	5,000	0
PA State U. University Park and Hershey Medical Ctr. ^a	na	na	29,871	7,800	18,000	5,000
Temple U.	19,900	3,700	NA	NA	NA	NA
U. Pittsburgh main campus	NA	56,880	111,565	27,517	0	0
West Chester U. PA	na	0	0	0	0	0
Private						
Bryn Mawr C.	0	3,106	0	0	0	0
Bucknell U.	NA	0	0	0	0	0
Carnegie Mellon U.	20,197	14,677	5,192	6,150	0	0
Dickinson C.	na	0	0	0	0	0
Drexel U.	NA	1,600	346	2,200	0	0
Duquesne U.	0	0	800	1,000	350	0
Franklin & Marshall C.	0	0	0	700	0	0
Haverford C.	na	0	0	0	10,000	0
Lafayette C.	0	0	303	0	0	0
Lehigh U.	0	4,000	0	2,500	0	0
Mercyhurst C.	na	na	1,500	1,300	4,500	0
Philadelphia C. of Osteopathic Medicine	1,850	0	1,132	0	0	0
Philadelphia U.	na	na	322	0	0	0
Salus U.	0	0	0	0	0	0
St. Francis U.	0	0	0	0	12,000	0
St. Joseph's U.	850	1,060	700	1,700	2,250	0
Swarthmore C.	0	0	0	1,980	0	4,150
Thomas Jefferson U.	NA	4,280	17,090	18,200	0	0
U. PA	81,667	48,278	72,313	28,510	9,650	0
U. of the Sciences Philadelphia	NA	0	516	0	0	0
Villanova U.	NA	0	NA	NA	NA	NA
Washington and Jefferson C.	na	na	0	7,948	0	0
Rhode Island						
Public						
U. RI	0	1,694	2,236	2,845	33,234	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Private						
Brown U.	19,362	14,193	84,711	75,740	5,000	105,000
Roger Williams U.	NA	na	0	0	921	0
South Carolina						
Public						
Clemson U.	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0
C. Charleston	NA	NA	0	2,380	0	0
Medical U. SC	12,568	2,043	3,419	43,977	88,780	0
SC State U.	0	0	0	0	0	0
U. SC Columbia ^a	na	na	3,809	29,537	0	0
Private						
Benedict C.	0	0	0	0	0	0
Clafin U.	na	3,500	1,200	0	0	0
Furman U.	NA	NA	0	0	0	0
South Dakota						
Public						
Black Hills State U.	0	0	0	500	0	0
SD School of Mines and Technology	0	0	0	0	0	0
SD State U.	710	14,139	4,045	1,000	8,605	0
U. SD	0	15,780	9,049	1,100	0	0
Tennessee						
Public						
East TN State U.	0	350	3,499	11,476	0	0
Middle TN State U.	0	0	0	0	0	0
TN State U.	0	0	2,500	0	0	0
TN Technological U.	0	0	1,500	0	0	0
U. Memphis, The	4,218	4,600	439	1,600	1,000	0
U. TN Chattanooga	0	1,085	2,430	4,680	1,200	0
U. TN Knoxville	16,379	0	14,467	11,904	76,883	0
U. TN Martin	0	0	0	0	0	0
Private						
Fisk U.	0	0	0	0	0	0
Meharry Medical C.	14,000	0	0	1,849	0	0
Vanderbilt U.	7,476	4,548	19,487	4,950	70,491	0
Texas						
Public						
Angelo State U.	na	na	0	0	0	0
Lamar U.	1,790	0	0	0	0	0
Prairie View A&M U.	NA	0	0	0	2,500	0
Sam Houston State U.	0	0	0	0	0	0
Stephen F. Austin State U.	0	0	0	0	0	0
Sul Ross State U.	0	0	0	0	0	0
Tarleton State U.	0	0	0	0	0	0
TX A&M International U.	na	na	0	0	0	0
TX A&M U.	NA	NA	1,606	854	0	0
TX A&M U.-Commerce	na	0	0	0	0	0
TX A&M U.-Corpus Christi	0	0	0	0	0	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
TX A&M U.-Kingsville	2,268	0	1,311	0	0	0
TX A&M U. System Health Science Ctr.	5,160	2,500	0	980	1,147	0
TX Southern U.	0	0	0	0	0	0
TX State U.-San Marcos	0	926	0	0	0	0
TX Tech U.	610	13,300	0	2,592	0	804
TX Tech U. Health Sciences Ctr.	0	3,212	9,329	0	19,000	0
TX Woman's U.	0	0	0	0	0	0
U. Houston	8,240	3,904	0	0	0	0
U. Houston-Downtown	na	na	0	0	0	0
U. North TX	NA	6,708	9,420	22,469	0	0
U. North TX Health Science Ctr.	0	3,300	10,948	473	0	0
U. TX Arlington	406	1,378	525	1,721	0	0
U. TX Austin	5,655	13,704	20,171	6,520	0	0
U. TX Brownsville	na	0	0	0	0	0
U. TX Dallas	17,431	13,000	10,938	0	0	0
U. TX El Paso	3,363	34,162	9,000	2,100	4,017	0
U. TX Health Science Ctr. Houston	0	2,898	4,054	4,000	0	0
U. TX Health Science Ctr. San Antonio	5,548	13,753	5,278	4,300	0	0
U. TX M. D. Anderson Cancer Ctr.	444,323	16,424	63,091	3,793	0	0
U. TX Medical Branch	1,078	26,659	0	1,825	1,363	1,000
U. TX of the Permian Basin	na	0	0	976	0	0
U. TX-Pan American	500	1,020	2,318	1,153	0	0
U. TX San Antonio	407	1,562	1,245	2,009	0	0
U. TX Southwestern Medical Ctr.	29,375	34,926	74,493	52,873	0	0
U. TX Tyler	na	0	0	0	0	0
West TX A&M U.	3,466	3,000	3,137	0	0	0
Private						
Baylor C. of Medicine	10,375	560	5,998	2,500	0	0
Baylor U.	978	2,312	3,879	0	0	0
Rice U.	7,496	2,025	6,711	0	0	0
Southern Methodist U.	6,000	0	545	0	0	0
TX Christian U.	3,000	5,300	4,800	2,750	0	0
Trinity U.	0	0	0	0	0	0
Utah						
Public						
U. UT	7,297	24,296	18,280	9,380	0	151,956
UT State U.	2,992	3,293	2,439	283	0	859
Private						
Brigham Young U.	0	0	0	0	0	0
Vermont						
Public						
U. VT	2,034	5,070	7,920	2,694	21,015	0
Private						
Middlebury C.	na	0	0	0	0	0
Virginia						
Public						
Christopher Newport U.	na	na	0	0	0	0
C. of William and Mary and VA Institute of Marine Science	5,545	4,126	0	0	3,975	2,158

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
George Mason U.	600	310	0	0	127,115	0
James Madison U.	14,200	420	0	0	0	0
Norfolk State U.	0	0	0	0	0	0
Old Dominion U.	0	0	0	0	14,211	0
U. VA ^b	10,615	1,615	43,189	43,100	130,000	0
VA Commonwealth U.	17,389	1,720	4,800	17,176	0	0
VA Polytechnic Institute and State U.	0	0	1,150	32,852	0	0
VA State U.	0	0	17,097	2,731	0	600
Private						
Eastern VA Medical School	962	12,664	12,300	0	0	0
Hampton U.	0	0	1,135	0	0	0
U. Richmond	NA	NA	0	0	0	0
Washington						
Public						
Central WA U.	8,000	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0
U. WA Seattle ^a	na	na	12,529	21,401	152,932	0
WA State U.	2,964	12,542	10,347	4,255	241,914	0
Western WA U.	785	1,302	1,322	2,435	710	3,069
Private						
Bastyr U.	na	na	0	0	0	0
Gonzaga U.	na	na	0	0	0	0
Northwest Indian C.	na	na	0	0	0	0
Seattle U.	na	NA	0	0	0	0
Whitman C.	na	870	1,331	500	0	0
West Virginia						
Public						
Marshall U.	0	0	0	0	0	0
WV State U.	0	0	507	500	0	0
WV U.	6,329	8,365	10,134	5,000	0	22,722
Private						
Wheeling Jesuit U.	0	0	0	0	0	0
Wisconsin						
Public						
U. WI-Eau Claire	500	930	0	0	0	7,974
U. WI-Green Bay	0	0	0	0	0	0
U. WI-La Crosse	0	0	0	0	0	0
U. WI-Madison	NA	32,258	5,017	3,422	53,000	110,000
U. WI-Milwaukee	0	4,950	15,271	13,120	21,000	0
U. WI-Oshkosh	0	0	0	529	0	0
U. WI-Stevens Point	NA	NA	0	0	0	0
U. WI-Superior	0	NA	0	0	0	0
Private						
Marquette U.	7,000	281	503	0	0	0
Medical C. WI	500	16,711	13,720	750	450	0
Milwaukee School of Engineering	0	0	0	0	0	0

TABLE 29. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and time of repair and renovation: FY 2006–13

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Started in FY 2010 or FY 2011	Planned to start in FY 2012 or FY 2013	Deferred projects	
					Included in institutional plan	Not included in institutional plan
Wyoming						
Public						
U. WY	1,550	803	8,688	0	11,000	0
Guam						
Public						
U. GU	0	0	900	0	0	0
Puerto Rico						
Public						
U. PR Humacao	0	0	0	0	0	0
U. PR Mayaguez	0	0	0	0	0	0
U. PR Medical Sciences Campus	NA	356	1,242	1,941	0	0
U. PR Rio Piedras	0	720	0	4,500	7,000	0
Private						
Ponce School of Medicine	0	0	0	0	0	0
Universidad Central del Caribe	NA	1,000	0	0	0	0
Universidad del Este	na	na	0	300	0	0
Universidad del Turabo	na	na	5,725	0	0	0
Universidad Metropolitana	na	na	0	251	0	0
Virgin Islands						
Public						
U. of the VI	0	299	704	650	0	0

na = not applicable; institution was not surveyed. NA = not available; data were not provided by institution.

^a In FY 2007 and FY 2009, institution was surveyed together with other affiliated institutions. As such, no data are available for FY 2007 or FY 2009.

^b In FY 2007 and FY 2009, institution was surveyed together with other affiliated institutions; data for those survey years describe characteristics of the group of institutions. In FY 2011, affiliated institutions were surveyed separately; data for FY 2011 describe characteristics of single institution.

NOTE: Data are unadjusted; totals of data will not match totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 30. Academic institutions with science and engineering repair and renovation or new construction projects, by type of institution: Started in FY 2010 or FY 2011

Type of institution	All institutions	Institutions with repair/renovation projects		Institutions with new construction projects	
		Number	Percent	Number	Percent
All institutions	554	302	55	167	30
Doctorate granting	385	253	66	149	39
Nondoctorate granting	169	49	29	18	10
Public	351	203	58	130	37
Private	203	99	49	36	18
Medical schools	139	90	65	34	24

NOTE: Percentages are based on unrounded numbers.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 31. Source of funds for new construction of science and engineering research space in academic institutions, by type of institution: FY 2010 or FY 2011

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources ^a
		Federal	State/local	
All institutions	6,411.3	486.6	1,956.3	3,968.4
Doctorate granting	6,242.8	479.5	1,875.5	3,887.9
Nondoctorate granting	168.5	7.1	80.9	80.5
Public	5,657.9	402.2	1,857.3	3,398.3
Private	753.4	84.4	99.0	570.1

^aInstitutional funds and other sources include institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 32. Source of funds for repair and renovation of science and engineering research space in academic institutions, by type of institution: FY 2010 or FY 2011

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources ^a
		Federal	State/local	
All institutions	3,511.0	270.9	854.5	2,385.6
Doctorate granting	3,380.0	236.4	797.1	2,346.4
Nondoctorate granting	131.1	34.4	57.4	39.2
Public	2,030.2	211.1	720.4	1,098.7
Private	1,480.8	59.8	134.1	1,286.9

^aInstitutional funds and other sources include institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 33. Source of funds for new construction of science and engineering research space in academic institutions, by year of project start and type of institution: FY 1986–2011

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources ^a
		Federal	State/local	
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 2010–11	6,411.3	486.6	1,956.3	3,968.4
Doctorate granting	6,242.8	479.5	1,875.5	3,887.9
Nondoctorate granting	168.5	7.1	80.9	80.5

^a Institutional funds and other sources include institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

NOTES: Details may not add to totals due to rounding. Question on construction costs was not asked for FY 2000–01; therefore no data are reported here. Only construction projects costing over \$250,000 for single field were reported for FY 2002–11; construction projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 34. 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: FY 1986–2011

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources ^a
		Federal	State/local	
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 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
FY 2010–11	3,511.0	270.9	854.5	2,385.6
Doctorate granting	3,380.0	236.4	797.1	2,346.4
Nondoctorate granting	131.1	34.4	57.4	39.2

^a Institutional funds and other sources include institution's operating funds, endowments, private donations, tax-exempt bonds and other debt financing, and indirect costs recovered from federal and nonfederal sources.

NOTES: Details may not add to totals due to rounding. Question on repair and renovation costs was not asked for FY 2000–01; therefore no data are reported here. Only repair and renovation projects costing over \$250,000 for single field were reported for FY 2002–11; repair and renovation projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 35. 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 2011

(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	21,346.7	10,968.0	4,826.1	3,000.0	2,552.6
Agricultural and natural resources sciences	1,608.9	719.7	301.2	305.1	282.9
Biological and biomedical sciences	4,729.6	2,506.4	1,213.9	467.2	542.1
Computer and information sciences	606.9	337.9	26.2	185.9	56.8
Engineering	2,955.9	1,425.6	477.9	479.5	573.0
Health and clinical sciences	5,844.5	3,466.8	1,279.4	810.2	288.1
Mathematics and statistics	139.3	40.0	56.4	26.6	16.3
Physical sciences					
Earth, atmospheric, and ocean sciences	720.8	293.3	175.8	148.0	103.8
Astronomy, chemistry, and physics	2,496.1	1,062.7	707.5	268.5	457.3
Psychology	637.0	299.1	145.8	104.6	87.4
Social sciences	684.4	273.0	275.5	15.1	120.7
Other	923.3	543.4	166.4	189.3	24.3

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 36. 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 2011

(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	21,346.7	10,968.0	4,826.1	3,000.0	2,552.6
Doctorate granting	20,349.0	10,348.2	4,745.7	2,771.5	2,483.6
Nondoctorate granting	997.7	619.8	80.3	228.5	69.0
Public	18,947.1	9,822.9	4,036.6	2,799.5	2,288.0
Private	2,399.6	1,145.1	789.5	200.4	264.6
Medical schools	4,868.1	2,699.9	1,518.7	313.8	335.6

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 37. Total bandwidth at academic institutions, by type of institution: FY 2011
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
10 mbps or less	1	*	1	0	2
11 mbps–45 mbps	3	1	10	3	5
46 mbps–99 mbps	2	2	4	2	4
100 mbps	4	2	9	3	6
101 mbps–155 mbps	4	4	6	3	7
156 mbps–622 mbps	22	16	35	18	27
623 mbps–999 mbps	5	6	4	4	7
1 gbps–2.4 gbps	28	28	28	31	22
2.5 gbps–9 gbps	6	9	0	6	6
10 gbps	7	9	2	8	5
10.1 gbps–20 gbps	12	17	1	16	5
More than 20 gbps	6	8	1	6	5
Other	0	0	0	0	0
Number of institutions	539	379	160	342	197

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTES: Details may not add to 100% due to rounding. Total includes bandwidth to commodity Internet (Internet1); Internet2 (high-performance hybrid optical packet network); and National LambdaRail (advanced optical network infrastructure for research and education).

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 38. Total bandwidth at academic institutions, by type of institution: FY 2012 (estimated)
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
10 mbps or less	*	*	0	0	1
11 mbps–45 mbps	2	1	6	1	4
46 mbps–99 mbps	2	1	6	2	3
100 mbps	4	2	9	2	7
101 mbps–155 mbps	3	3	4	3	4
156 mbps–622 mbps	19	14	31	15	26
623 mbps–999 mbps	5	4	6	5	5
1 gbps–2.4 gbps	26	23	33	27	25
2.5 gbps–9 gbps	7	11	0	7	9
10 gbps	10	13	4	13	5
10.1 gbps–20 gbps	12	18	0	16	6
More than 20 gbps	8	11	1	10	6
Other	0	0	0	0	0
Number of institutions	538	379	159	341	197

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTES: Details may not add to 100% due to rounding. Total includes bandwidth to commodity Internet (Internet1); Internet2 (high-performance hybrid optical packet network); and National LambdaRail (advanced optical network infrastructure for research and education).

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 39. Bandwidth to Internet2 at academic institutions, by type of institution: FY 2011
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
No bandwidth	28	16	56	18	46
10 mbps or less	1	1	1	1	1
11 mbps–45 mbps	6	6	4	5	6
46 mbps–99 mbps	4	4	5	4	5
100 mbps	5	4	6	6	3
101 mbps–155 mbps	3	3	2	3	3
156 mbps–622 mbps	7	7	8	8	6
623 mbps–999 mbps	4	4	1	4	3
1 gbps–2.4 gbps	20	22	14	24	14
2.5 gbps–9 gbps	3	4	1	4	1
10 gbps	15	20	2	18	9
10.1 gbps–20 gbps	4	5	1	5	2
More than 20 gbps	1	2	0	1	2
Other	0	0	0	0	0
Number of institutions	538	378	160	341	197

gbps = gigabits per second; mbps = megabits per second.

NOTES: Details may not add to 100% due to rounding. Internet2 is a high-performance hybrid optical packet network intended to provide both production services and platform for development of new networking ideas and protocols.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 40. Bandwidth to Internet2 at academic institutions, by type of institution: FY 2012 (estimated)
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
No bandwidth	25	15	48	17	39
10 mbps or less	2	2	2	2	2
11 mbps–45 mbps	5	5	4	4	7
46 mbps–99 mbps	4	4	5	4	5
100 mbps	5	3	8	4	5
101 mbps–155 mbps	2	3	1	2	3
156 mbps–622 mbps	7	7	7	8	6
623 mbps–999 mbps	3	3	1	3	2
1 gbps–2.4 gbps	20	20	18	21	17
2.5 gbps–9 gbps	3	3	1	4	1
10 gbps	18	24	2	22	10
10.1 gbps–20 gbps	4	6	1	5	2
More than 20 gbps	3	5	1	4	3
Other	*	0	1	*	0
Number of institutions	536	377	159	340	196

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTES: Details may not add to 100% due to rounding. Internet2 is a high-performance hybrid optical packet network intended to provide both production services and platform for development of new networking ideas and protocols.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 41. Bandwidth to National LambdaRail at academic institutions, by type of institution: FY 2011
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
No bandwidth	64	56	82	56	78
10 mbps or less	1	1	1	1	0
11 mbps–45 mbps	1	2	0	1	1
46 mbps–99 mbps	1	1	2	1	2
100 mbps	1	1	1	1	0
101 mbps–155 mbps	1	1	1	1	0
156 mbps–622 mbps	4	4	3	5	2
623 mbps–999 mbps	1	1	1	2	0
1 gbps–2.4 gbps	11	12	8	13	7
2.5 gbps–9 gbps	1	2	0	1	1
10 gbps	13	17	3	15	9
10.1 gbps–20 gbps	2	3	0	2	1
More than 20 gbps	1	1	0	1	1
Other	0	0	0	0	0
Number of institutions	537	377	160	340	197

gbps = gigabits per second; mbps = megabits per second.

NOTES: Details may not add to 100% due to rounding. National LambdaRail is an advanced optical network infrastructure for research and education.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 42. Bandwidth to National LambdaRail at academic institutions, by type of institution: FY 2012 (estimated)
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
No bandwidth	63	55	81	55	76
10 mbps or less	1	1	1	1	0
11 mbps–45 mbps	1	1	0	1	1
46 mbps–99 mbps	1	1	2	1	2
100 mbps	*	*	1	*	1
101 mbps–155 mbps	1	1	0	1	0
156 mbps–622 mbps	4	4	3	5	2
623 mbps–999 mbps	1	1	1	1	0
1 gbps–2.4 gbps	10	10	9	11	8
2.5 gbps–9 gbps	1	1	0	1	1
10 gbps	15	19	3	18	9
10.1 gbps–20 gbps	2	3	0	3	2
More than 20 gbps	1	2	0	1	2
Other	0	0	0	0	0
Number of institutions	536	377	159	339	197

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTES: Details may not add to 100% due to rounding. National LambdaRail is an advanced optical network infrastructure for research and education.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 43. Academic institutions with high-performance network connections, by type of institution: FY 2005–11
(Percent)

Type of institution	Internet2	National LambdaRail	Federal government research network
FY 2005			
All institutions	68	10	11
Doctorate granting	82	11	13
Nondoctorate granting	38	7	6
Public	73	11	12
Private	58	8	9
FY 2007			
All institutions	70	25	11
Doctorate granting	81	32	13
Nondoctorate granting	46	10	4
Public	75	29	12
Private	61	17	8
FY 2009			
All institutions	75	34	13
Doctorate granting	87	43	17
Nondoctorate granting	51	18	6
Public	83	41	16
Private	59	22	8
FY 2011			
All institutions	72	36	16
Doctorate granting	84	44	20
Nondoctorate granting	44	18	6
Public	82	44	20
Private	54	22	9

NOTES: Internet2 is a high-performance hybrid optical packet network intended to provide both production services and platform for development of new networking ideas and protocols. National LambdaRail is an advanced optical network infrastructure for research and education. Institutions may have connections to more than one high-performance network.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 44. Highest desktop port speed at academic institutions, by type of institution: FY 2011
(Percent distribution)

Type of institution	Number of institutions	Speed				Other
		10 mbps or less	100 mbps	1 gbps	10 gbps or more	
All institutions	539	1	11	80	8	1
Doctorate granting	379	*	8	82	9	*
Nondoctorate granting	160	2	16	77	4	2
Public	342	*	9	82	8	1
Private	197	2	13	78	7	1

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 45. Speed of the highest proportion of desktop ports at academic institutions, by type of institution: FY 2011
(Percent distribution)

Type of institution	Number of institutions	Speed				Other
		10 mbps or less	100 mbps	1 gbps	10 gbps or more	
All institutions	539	4	66	30	*	0
Doctorate granting	379	4	65	31	*	0
Nondoctorate granting	160	4	68	29	0	0
Public	342	4	69	27	*	0
Private	197	4	61	36	0	0

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTE: Details may not add to totals due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 46. Academic institutions with dark fiber, by type of institution: FY 2005–11
(Percent)

Type of institution	Owned at end of FY 2005		Owned at end of FY 2007		Owned at end of FY 2009		Owned at end of FY 2011	
	To ISP	Between buildings						
All institutions	29	86	37	89	39	89	47	90
Doctorate granting	33	88	41	90	44	92	54	93
Nondoctorate granting	19	80	27	87	30	84	30	83
Public	30	87	37	92	43	92	54	94
Private	26	82	36	84	33	84	35	84

ISP = internet service provider.

NOTE: Dark fiber is fiber optic cable that has already been laid but is not being used.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.

TABLE 47. Highest internal network speeds at academic institutions, by type of institution: FY 2011
(Percent distribution)

Speed	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
10 mbps or less	1	1	0	1	1
11 mbps–999 mbps	16	12	24	15	17
1 gbps–2.4 gbps	49	43	62	45	54
2.5 gbps–9 gbps	2	3	0	3	2
10 gbps	27	32	13	29	23
10.1 gbps–20 gbps	5	6	1	6	2
More than 20 gbps	1	2	0	1	1
Other	*	*	0	*	0
Number of institutions	539	379	160	342	197

* = value > 0 but < 0.5%.

gbps = gigabits per second; mbps = megabits per second.

NOTE: Details may not add to 100% due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 48. Wireless connections at academic institutions, by building area coverage and type of institution: FY 2011
(Percent distribution)

Percent of building area coverage	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
Total	100	100	100	100	100
None	0	0	0	0	0
10 or less	*	*	0	*	0
11-20	1	1	3	2	1
21-30	2	2	3	2	2
31-40	3	4	1	4	1
41-50	4	4	4	4	4
51-60	6	7	5	6	7
61-70	9	9	9	10	7
71-80	12	13	9	13	10
81-90	16	16	16	16	16
91-100	46	44	49	41	54
Number of institutions	539	379	160	342	197

* = value > 0 but < 0.5%.

NOTE: Details may not add to 100% due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 49. Centrally administered high-performance computing in academic institutions, by type of institution and computing architecture: FY 2011

Type of institution	Number of institutions	Number of institutions with HPC	Type of architecture				Number of institutions with HPC accelerators
			Clusters	MPP	SMP	Other	
All institutions	539	192	187	21	37	38	101
Doctorate granting	379	178	174	17	33	36	97
Nondoctorate granting	160	14	13	4	4	2	4
Public	342	135	131	16	26	24	77
Private	197	57	56	5	11	14	24

HPC = high-performance computing; MPP = massively parallel processors; SMP = symmetric multiprocessors.

NOTES: Each institution is counted only once in each architecture. Centrally administered HPC is located within distinct organizational unit with staff and budget; unit has stated mission that includes supporting HPC needs of faculty and researchers. Institutions may have HPC of more than one type of architecture. Accelerators may be system components or independent.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 50. Peak theoretical performance of the fastest centrally administered high-performance computing systems in academic institutions, by computing architecture: FY 2011

Architecture	Number of institutions	Peak theoretical performance			
		1 teraflop	2 teraflops	3 teraflops	Greater than 3 teraflops
Clusters	187	16	18	13	140
Massively parallel processors	21	3	2	0	16
Symmetric multiprocessors	37	4	9	6	18

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011
(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Alabama						
Public						
U. AL Birmingham, The	5	8	na	na	na	na
U. AL Tuscaloosa, The	1	1	na	na	na	na
Alaska						
Public						
U. AK Fairbanks	30	33	na	na	na	na
Arizona						
Public						
AZ State U.	40	40	na	na	na	na
U. AZ	23	35	na	na	8	8
Arkansas						
Public						
AR State U. main campus	8	8	na	na	na	na
U. AR Little Rock	5	10	na	na	2	2
U. AR main campus	18	31	na	na	na	na
California						
Public						
CA State U., Fresno	5	8	na	na	na	na
U. CA, Berkeley	21	36	na	na	21	36
U. CA, Irvine	4	6	na	na	na	na
U. CA, Los Angeles	160	225	na	na	na	na
U. CA, San Diego	340	340	na	na	na	na
U. CA, Santa Barbara	12	12	na	na	na	na
U. CA, Santa Cruz	6	6	na	na	na	na
Private						
Loma Linda U.	4	4	na	na	2	2
Scripps Research Institute, The	24	24	na	na	na	na
Stanford U.	37	60	na	na	na	na
U. Southern CA	150	153	na	na	na	na
Colorado						
Public						
CO School of Mines	23	40	23	40	23	40
CO State U.	na	na	12	12	na	na
U. CO Boulder	175	178	na	na	na	na
U. CO Denver and Anschutz Medical Campus	2	2	na	na	na	na
Private						
U. Denver	1	1	na	na	na	na
Connecticut						
Public						
U. CT	6	8	na	na	na	na
Private						
Wesleyan U.	2	3	na	na	na	na
Yale U.	58	67	na	na	na	na

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011

(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
District of Columbia						
Private						
American U.	2	2	na	na	na	na
Georgetown U.	3	5	na	na	na	na
Florida						
Public						
FL State U.	50	74	na	na	2	7
U. Central FL	17	17	na	na	na	na
U. FL	100	200	na	na	na	na
U. South FL	30	30	na	na	na	na
Private						
Embry-Riddle Aeronautical U.	2	2	na	na	na	na
FL Institute of Technology	5	5	na	na	na	na
U. Miami	60	80	na	na	20	20
Georgia						
Public						
GA Institute of Technology	7	10	na	na	na	na
GA State U.	14	17	na	na	14	14
U. GA	37	38	na	na	na	na
Private						
Emory U.	3	3	na	na	3	3
Hawaii						
Public						
U. HI Manoa	4	4	na	na	na	na
Idaho						
Public						
Boise State U.	1	1	1	1	1	1
Illinois						
Public						
U. IL Urbana-Champaign	47	84	na	na	16	16
Private						
Northwestern U.	37	69	na	na	na	na
Indiana						
Public						
Ball State U.	3	3	na	na	na	na
IN State U.	1	1	na	na	na	na
IN U. Bloomington	40	70	6	6	3	3
IN U. South Bend	40	73	6	6	3	3
IN U.-Purdue U. Indianapolis	40	73	6	6	3	3
Purdue U. Calumet	4	4	4	4	na	na
Purdue U. West Lafayette	187	425	na	na	na	na
Private						
U. of Notre Dame	100	100	na	na	na	na

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011
(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Iowa						
Public						
IA State U.	28	40	na	na	na	na
U. IA	30	30	na	na	na	na
Kansas						
Public						
KS State U.	9	9	na	na	na	na
U. KS	9	13	na	na	na	na
Wichita State U.	5	7	na	na	na	na
Kentucky						
Public						
U. KY	41	45	na	na	na	na
U. Louisville	40	40	na	na	na	na
Louisiana						
Public						
LA State U. and A&M C.	15	28	na	na	na	na
LA State U. Shreveport	1	1	na	na	na	na
LA Tech U.	5	7	1	1	5	6
Southern U. and A&M C. Baton Rouge	1	1	5	5	1	1
U. New Orleans	5	5	na	na	na	na
Maine						
Private						
Colby C.	na	na	na	na	1	1
Maryland						
Public						
U. MD, Baltimore County	7	7	na	na	na	na
U. MD, College Park	28	56	na	na	na	na
Massachusetts						
Public						
U. MA Boston	1	1	na	na	na	na
U. MA Dartmouth	30	32	na	na	30	32
Private						
Amherst C.	5	5	na	na	na	na
Boston C.	3	3	na	na	na	na
Boston U.	8	13	6	6	na	na
Brandeis U.	25	25	na	na	na	na
Clark U.	2	2	na	na	na	na
Harvard U.	40	112	na	na	na	na
Northeastern U.	2	2	na	na	na	na
Tufts U.	10	10	na	na	na	na
Wellesley C.	1	1	na	na	1	1
Woods Hole Oceanographic Institution	3	3	na	na	na	na
Worcester Polytechnic Institute	2	3	na	na	na	na

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011

(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Michigan						
Public						
MI State U.	15	39	na	na	na	na
MI Technological U.	4	4	na	na	na	na
U. MI-Ann Arbor	21	21	na	na	na	na
Wayne State U.	3	3	na	na	na	na
Minnesota						
Public						
MN State U. Mankato	1	1	na	na	na	na
U. MN, Twin Cities	2	2	12	12	20	20
Private						
Mayo Medical School C. of Medicine	8	8	2	2	6	6
Mississippi						
Public						
MS State U.	34	47	na	na	na	na
U. MS and U. MS Medical Ctr.	4	4	na	na	1	1
U. Southern MS	1	1	na	na	na	na
Missouri						
Public						
MO U. of Science and Technology	14	16	na	na	na	na
U. MO-Columbia	1	1	na	na	na	na
Private						
St. Louis U.	7	7	na	na	na	na
Washington U. St. Louis	19	19	na	na	19	19
Nebraska						
Public						
U. NE Lincoln	22	30	na	na	na	na
U. NE Omaha	40	79	na	na	na	na
Nevada						
Public						
Desert Research Institute	12	19	na	na	7	7
U. NV, Reno	3	3	na	na	na	na
New Hampshire						
Public						
U. NH	20	31	na	na	na	na
Private						
Dartmouth C.	14	14	na	na	na	na
New Jersey						
Public						
NJ Institute of Technology	1	1	na	na	na	na
U. of Medicine and Dentistry NJ	1	1	na	na	na	na
Private						
Princeton U.	32	64	na	na	1	1

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011

(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
New Mexico						
Public						
NM Highlands U.	1	1	na	na	na	na
NM Institute of Mining and Technology	14	14	14	14	14	14
U. NM	2	5	na	na	na	na
New York						
Public						
CUNY, C. Staten Island	9	17	11	11	na	na
CUNY, Graduate Ctr.	1	1	na	na	na	na
CUNY, Queens C.	9	9	11	11	na	na
SUNY, Buffalo	70	100	na	na	na	na
SUNY, C. of Environmental Science and Forestry	1	1	na	na	na	na
SUNY, Stony Brook	44	53	103	103	na	na
Private						
Clarkson U.	1	1	na	na	na	na
Columbia U. in the City of New York	5	5	na	na	na	na
Cornell U.	10	10	na	na	na	na
Hamilton C.	2	2	na	na	na	na
Mt. Sinai School of Medicine	4	4	na	na	na	na
NY U.	5	10	na	na	na	na
Pace U.	1	1	na	na	na	na
Rensselaer Polytechnic Institute	10	10	92	97	na	na
U. Rochester	26	40	14	14	na	na
Yeshiva U.	8	10	na	na	1	1
North Carolina						
Public						
Elizabeth City State U.	1	1	na	na	na	na
NC State U.	50	50	na	na	na	na
U. NC Chapel Hill	94	191	na	na	na	na
U. NC Charlotte	8	25	na	na	na	na
U. NC Greensboro	50	50	na	na	na	na
Private						
Duke U.	20	21	na	na	na	na
Wake Forest U.	10	14	na	na	na	na
North Dakota						
Public						
ND State U.	2	2	na	na	na	na
U. ND	4	4	na	na	na	na
Ohio						
Public						
Miami U.	3	3	na	na	na	na
OH State U.	75	150	na	na	na	na
U. Akron	4	8	na	na	na	na
Private						
Case Western Reserve U.	10	10	na	na	na	na

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011

(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Oklahoma						
Public						
Langston U.	1	1	na	na	na	na
OK State U. Stillwater	6	6	na	na	na	na
U. OK	35	35	na	na	na	na
Oregon						
Public						
OR Health & Science U.	na	na	na	na	4	4
U. OR	108	108	na	na	na	na
Pennsylvania						
Public						
PA State U. Erie, The Behrend C.	26	100	na	na	2	2
PA State U. University Park and Hershey Medical Ctr.	26	100	na	na	2	2
Temple U.	16	23	na	na	na	na
U. Pittsburgh main campus	28	28	na	na	na	na
Private						
Carnegie Mellon U.	37	50	na	na	37	50
Duquesne U.	1	1	1	4	na	na
Lehigh U.	8	16	na	na	na	na
Rhode Island						
Private						
Brown U.	70	70	na	na	na	na
South Carolina						
Public						
Clemson U.	124	124	na	na	na	na
U. SC Columbia	11	16	na	na	na	na
South Dakota						
Public						
SD State U.	22	25	na	na	na	na
U. SD	1	1	na	na	na	na
Tennessee						
Public						
East TN State U.	8	12	na	na	na	na
U. Memphis, The	13	13	na	na	na	na
U. TN Knoxville	30	30	na	na	na	na
Private						
Vanderbilt U.	32	52	na	na	na	na
Texas						
Public						
Prairie View A&M U.	na	na	na	na	na	na
TX A&M U.	35	42	na	na	na	na
TX Southern U.	na	na	na	na	na	na

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011
(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
TX State U.-San Marcos	3	4	na	na	3	4
TX Tech U.	103	116	na	na	na	na
U. Houston	13	20	na	na	na	na
U. North TX	22	22	1	1	na	na
U. North TX Health Science Ctr.	20	20	na	na	na	na
U. TX Arlington	13	13	na	na	13	13
U. TX Austin	579	1,379	na	na	na	na
U. TX Brownsville	1	1	na	na	na	na
U. TX M. D. Anderson Cancer Ctr.	62	62	na	na	na	na
U. TX-Pan American	4	5	na	na	na	na
U. TX Tyler	7	7	na	na	na	na
Private						
Baylor C. of Medicine	17	23	na	na	na	na
Baylor U.	11	11	na	na	na	na
Rice U.	45	121	na	na	45	45
Southern Methodist U.	4	4	na	na	na	na
Utah						
Public						
U. UT	40	90	na	na	na	na
UT State U.	6	11	na	na	na	na
Private						
Brigham Young U.	66	94	na	na	na	na
Vermont						
Public						
U. VT	25	25	na	na	na	na
Virginia						
Public						
C. of William and Mary and VA Institute of Marine Science	2	4	na	na	na	na
Old Dominion U.	4	4	na	na	na	na
U. VA	2	2	na	na	na	na
VA Commonwealth U.	11	17	na	na	2	2
VA Polytechnic Institute and State U.	12	31	na	na	na	na
VA State U.	1	2	na	na	na	na
Private						
Hampton U.	2	2	na	na	na	na
Washington						
Public						
Eastern WA U.	12	12	na	na	na	na
U. WA Seattle	55	55	na	na	na	na
WA State U.	18	18	18	18	18	18
West Virginia						
Public						
Marshall U.	6	6	na	na	na	na
WV U.	2	2	na	na	2	2

TABLE 51. Centrally administered high-performance computing architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2011

(Speed in teraflops)

State, control, and institution	Clusters		Massively parallel processors		Symmetric multiprocessors	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Wisconsin						
Public						
U. WI-Milwaukee	12	14	na	na	na	na
Private						
Marquette U.	11	11	na	na	na	na

na = not applicable; institution did not have this architecture.

HPC = high-performance computing; MPP = massively parallel processors; SMP = symmetric multiprocessors.

NOTES: Only institutions reporting centrally administered HPC are reported. HPC was defined as systems of 1 teraflop or faster.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 52. Academic institutions with external users of their centrally administered high-performance computing, by type of institution and type of user: FY 2011

Type of institution	Number of institutions with HPC	Type of user				
		Colleges/ universities	Governments	Nonprofit organizations	Industry	Other
All institutions	192	138	40	33	35	8
Doctorate granting	178	129	38	30	31	7
Nondoctorate granting	14	9	2	3	4	1
Public	135	99	31	20	26	7
Private	57	39	9	13	9	1

HPC = high-performance computing.

NOTE: Institutions may provide HPC to more than one type of external user.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 53. Usable online storage for centrally administered high-performance computing in academic institutions, by type of institution: FY 2011
(Percent distribution)

Terabytes	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
Less than 1	2	1	14	1	4
1-5	6	6	7	6	5
6-10	7	6	21	6	9
11-25	10	11	0	9	13
26-50	12	11	21	13	9
51-100	7	7	7	7	5
101-250	24	24	14	25	21
251-500	13	14	0	11	16
501-1,000	9	10	7	13	0
1,001 or more	11	11	7	7	18
Number of institutions	190	176	14	134	56

NOTE: Details may not add to 100% due to rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

TABLE 54. Archival storage for centrally administered high-performance computing in academic institutions, by type of institution: FY 2011

Terabytes	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
None	85	78	7	62	23
Less than 100	56	51	5	39	17
101-250	12	12	0	8	4
251-500	8	8	0	5	3
501-750	4	4	0	2	2
751-1,000	5	5	0	4	1
1,001-5,000	11	10	1	8	3
5,001-10,000	2	2	0	1	1
10,001 or more	8	7	1	6	2
Number of institutions	191	177	14	135	56

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.

Appendix A. Technical Notes

Scope of Survey

The data presented in these tables are collected biennially through the National Science Foundation's (NSF's) congressionally mandated Survey of Science and Engineering Research Facilities (Facilities Survey). The survey originated in 1986 in response to the U.S. Congress's concern about the state of research facilities at the nation's colleges and universities. NSF's 1984 reauthorization legislation, P.L. 99-159, mandated a data collection and analytic system to identify and assess the research facilities needs of academic institutions. The National Institutes of Health (NIH) cosponsored all cycles of the survey through FY 2009, allowing for the inclusion of nonprofit biomedical research institutions in the survey population.

Recognizing the growing use of networking and computing capacity in conducting research, a set of questions on these topics was added to the FY 2003 Facilities Survey and revised for each subsequent survey.

Population

The FY 2011 population consisted of 554 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 development expenditures. Each academic institution's level of R&D expenditures was determined by the FY 2010 NSF Higher Education Research and Development Survey (HERD). Military institutions, U.S. Department of Veterans Affairs (VA) institutions, and federally funded research and development centers (FFRDCs) were excluded. Nonprofit biomedical research institutions were not included in the FY 2011 survey cycle.

Response Rate

The FY 2011 survey was mailed to academic institutions in November 2011, and data collection ended in April 2012. Of the 554 institutions contacted, 98% completed surveys. The FY 2011 survey had limited item nonresponse. Nonresponse ranged from 0% to 3% for 98% of the items. Six cyberinfrastructure items applied to 25 or fewer participants. Each of these items had two nonresponses.

Adjustment for Nonresponse

Unit Nonresponse

The FY 2011 Facilities Survey attempted to obtain responses from all institutions in the defined population. Consequently one of the usual sources of survey error, sampling error, is not of concern in this survey. However, as is the case in almost all surveys, nonresponse error is of concern. In the FY 2011 Facilities Survey, 98% of all eligible institutions responded.

Weights were used to account for unit nonresponse. The weights were adjusted for the known number of academic institutions, by expenditure categories (the quintiles of the distribution), census region, institutional control (public or private), whether the institution granted doctor of philosophy degrees, and the presence of a medical school. The minimum weights were constrained to be at least 1.0.

The FY 2011 Facilities Survey Detailed Statistical Tables contain two sets of data: part 1 (research space), and part 2 (computing and networking). The data in all part 1 tables are weighted according to the previously described procedures, except for the data on condition of research space and the data presented by state and control (i.e., public vs. private) and individual institution tables (i.e., tables 6, 10, 12, 17, 19, 21, 25, 27, 29, and 51). Data in those tables are unweighted. None of the data in part 2 tables are weighted. The part 2 data are not weighted due to potential measurement error within the survey responses. It is believed that substantially greater measurement error may exist in the part 2 data because of the rapidly

changing nature and variability of the part 2 data. Likewise, item nonresponse is not imputed for part 2 questions.

Item Nonresponse

For most part 1 questions, a series of logistic regression models and linear regression models was developed and used to impute the values for all missing data for institutions that responded to the survey. 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 2010 total R&D expenditures (overall), and total net assignable square feet (NASF).

In addition to the core predictors, regression models for specific survey items included data from responses to other survey items.

Tables showing data by state, control, and individual institution are based on unimputed data.

Imputation was performed for 141 of 308 survey items (46%) within part 1. The remaining survey items in part 1 had no missing data and therefore did not require imputation. Items in part 2 were not imputed. For the items that were imputed, the imputation rates ranged from 0.6% to 3.0%. The imputation rate for each survey item was calculated as the number of imputed cases divided by the number of institutions asked the question. Eighty-six percent of survey items that required imputation had an imputation rate at or below 1.5%.

Definitions

Bandwidth is the amount of data that can be transmitted in a given amount of time, measured in bits per second.

Centrally administered high-performance computing (HPC) is located within a distinct organizational unit with a staff and a budget and is generally available to the campus community. The unit has a stated mission that includes supporting HPC needs of faculty and researchers.

Commodity Internet (Internet1) is the general public, multiuse network often called "the Internet."

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, whether or not research has actually begun) and also programs that have been approved.

Deferred projects are those that (1) are not funded, and (2) are not scheduled for FY 2012 or FY 2013. 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 science and engineering (S&E).

EPSCoR (Experimental Program to Stimulate Competitive Research). States may be grouped according to their eligibility for NSF funding. States are eligible for the NSF EPSCoR if they have historically received less federal R&D funding than other states. The purpose of

the program is to increase the R&D funding competitiveness of these states by assisting in the development and utilization of science and technology resources located at the major universities. The following states were eligible for this program during FY 2011:

Alabama	Hawaii	Kentucky	Montana
Alaska	Idaho	Louisiana	Nebraska
Arkansas	Iowa	Maine	Nevada
Delaware	Kansas	Mississippi	New Hampshire
New Mexico	South Carolina	Vermont	U.S. Virgin Islands
North Dakota	South Dakota	West Virginia	
Oklahoma	Tennessee	Wyoming	
Rhode Island	Utah		

Geographic regions. States may be divided into the four U.S. geographic regions defined by the U.S. Census Bureau. These are the following:

- Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont
- Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin
- South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia
- West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

Guam, Puerto Rico, and the U.S. Virgin Islands are excluded from the geographic regions but are included in the national statistics and other appropriate aggregate figures.

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.

Internet2 is a high-performance, hybrid optical packet network. The network was designed to provide next-generation production services as well as a platform for the development of new networking ideas and protocols.

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

National LambdaRail is an advanced optical network infrastructure for research and education. National LambdaRail enables cutting-edge exploration in the sciences and in network research.

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 facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell 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 because they 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 sponsored S&E R&D activities that are separately accounted for and budgeted. Research can be funded by the institution itself, the federal government, a state government, foundations, corporations, or other sources. It does not include departmental research that is not separately budgeted.

Research space is the net assignable square feet 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, storage areas, and so forth; laboratories, including computer labs, behavior observation rooms, and so forth; 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, recovery rooms, and so forth; housing facilities for research animals and associated maintenance areas, including cage rooms, stalls, wards, isolation rooms, exercise rooms, feed storage rooms, cage-washing rooms, holding and storage areas, and so forth; 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 magnetic resonance imaging equipment; and space that is leased by your institution. Research space does not include space for the fields of law, business administration/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 nonuniversity hospitals or VA hospitals; space administered by the institution but leased to another organization; and outdoor areas such as fish ponds or planting fields.

Data Comparability and Changes in Reporting

Data Comparability

Changes in survey questions, and major survey improvements and changes in procedures and practices, may affect the comparability of statistics produced from the survey over time. Survey questions on the "Computing and Networking" section of the survey are significantly revised each survey cycle to reflect new topics of interest and/or advances in technology.

In 2011, data were compared on individual institutions' new construction projects (including name, gross square feet, NASF, and cost of project) that were reported to both the FY 2009

and FY 2011 surveys. Twenty-one projects with the same or similar characteristics were identified. With institution approval, three construction projects were deleted from their institutions' FY 2009 new construction data to avoid double-counting these projects as new in FY 2011.

To reflect these deletions, data on the source of funding for new construction projects were revised. The three new construction projects removed from the FY 2009 data affected the records of three institutions: for one, the removal eliminated the only new construction project that was reported, so all funds reported by source for new construction were also deleted for that institution. For the remaining two, costs associated with the deleted projects were subtracted from the sources of funds total for each institution. The remaining funds were reallocated to source by distributing the remaining funds across sources indicated using the same allocation that had been initially reported by the institution (institution-level data are not reported in the detailed tables). Consequently, some new construction totals for FY 2008–09 in tables 7, 8, 13, 14, 15, 20, and 33 of this report are slightly lower than those published for the FY 2009 survey.

Changes in Reporting

2011

Survey section "Research Space." Questions were revised, including changes to the lists of disciplines included in some fields of S&E to be consistent with the 2010 Classification of Instructional Programs. The following questions on research animal space from the FY 2009 survey cycle were deleted:

- Question 7. Condition of research animal space
- Question 8. Biosafety level of research animal facilities
- Question 10. Research animal facilities: repairs and renovations
- Question 15. Research animal facilities: planned repairs and renovations
- Question 18. Research animal facilities: planned new construction
- Question 21. Research animal facilities: deferred repairs and renovations
- Question 24. Research animal facilities: deferred new construction

Survey section "Computing and Networking." Question 4 (on federal government research networks) and Question 12 (on centrally administered HPC with accelerators) were added. Question 11 (on centrally administered HPC architectures of 1 teraflop or faster) was modified to include an instruction on reporting systems with accelerators and contains updated definitions for the HPC architectures. Many questions were updated for increased speeds. The following questions from the FY 2009 survey cycle were deleted:

- Question 4. Commodity internet bandwidth
- Question 6. High-performance network connections
- Question 13. HPC centrally administered resources
- Question 23. Conditioned machine room space for centrally administered HPC

2003

Beginning with the FY 2003 cycle and continuing with each subsequent survey cycle, respondents were requested to provide data on their institution's individual, new construction projects. Respondents provided several types of data for each project, including name, gross square feet, NASF, and cost of project. Also, a set of questions on networking and computing capacity in conducting research was added to the FY 2003 survey (and revised for each subsequent survey).

Data Availability

Data published in this report are available at <http://www.nsf.gov/statistics/facilities/>. Data are also available for this and other surveys through NSF's Integrated Science and Engineering Resources Data System, WebCASPAR, available at <http://webcaspar.nsf.gov/>. All microdata (except confidential items on condition of space and research animal space) for part 1 and part 2 are available in the data file called "NSF Survey of Science and Engineering Research Facilities (Not Weighted or Imputed)" in the WebCASPAR database system.

Appendix B. Survey Instruments

FY 2011 Survey of Science and Engineering Research Facilities

- Part 1: Research Space
- Part 2: Computing and Networking Capacity (for research and instructional activities)



National Science Foundation

FY 2011 Survey of Science and Engineering Research Facilities

Part 1: Research Space

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Your participation in this survey is voluntary. However, your institution's response is important. The information from this survey on individual institutions can be used by your institution and other institutions for decision- and policy-making. The data also describe science and engineering research facilities at the national, regional, and state levels.

Based on pretests, responding to this survey (Part 1 and Part 2 combined) typically requires 41 hours depending on how data are maintained at your institution. If you wish to comment on the burden of completing this survey, contact Suzanne H. Plimpton, Reports Clearance Officer, NSF, via e-mail at splimpto@nsf.gov or call 1-703-292-7556. Or, you may write to the Office of Management and Budget, Paperwork Reduction Project (OMB Number 3145-0101), Washington, DC 20503.

If you have a question, please contact Lorraine Lewis via e-mail at facilitiesurvey@westat.com or call 1-888-811-1838. The survey director at the National Science Foundation is Mr. John Jankowski.

Please complete and send this survey to NSF on the web (according to the instructions on page 1) or return it by mail to:

ATTN: NSF Facilities Survey
Westat
1600 Research Boulevard
Rockville, MD 20850

Thank you for your participation.

General information

This questionnaire is available electronically. Go to www.facilitiesurvey.org to access the survey. You will need to click on “Part 1” and then enter the Part 1 Coordinator ID and password. These are provided on the label on the front cover of this paper questionnaire.

Please report information for the **institution** named on the label on the front cover.

If you do not have exact figures for any part of this questionnaire, please provide estimates.

Confidentiality

Information provided on research animal space (Questions 1 row i, 3, and 9f) and on the condition of S&E space (Question 6) will not be publicly available for individual institutions. In accordance with the National Science Foundation Act of 1950, as amended, and other applicable federal laws, your responses will not be disclosed in identifiable form to anyone other than agency employees or authorized persons.

Changes from previous survey cycle

- **Fields of science and engineering (S&E)**

Changes have been made to the lists of disciplines included in some fields of S&E to be consistent with the 2010 Classification of Instructional Programs (CIP 2010). For a description of the fields of S&E, see Question 2 on pages 5–7 or the crosswalk of survey fields of S&E to the National Center for Education Statistics (NCES) 2010 Classification of Instructional Programs (CIP) on pages 27–28.

- **Research Animal Space**

Seven questions on research animal space from the last survey cycle have been deleted (question numbers shown below refer to those appearing in the FY 2009 survey):

- Condition of research animal space (Question 7)
- Biosafety level of research animal facilities (Question 8)
- Research animal facilities: repairs and renovations (Question 10)
- Research animal facilities: planned repairs and renovations (Question 15)
- Research animal facilities: planned new construction (Question 18)
- Research animal facilities: deferred repairs and renovations (Question 21)
- Research animal facilities: deferred new construction (Question 24)

Definition of science and engineering (S&E) research and research space

Please use these definitions when answering all questions in this survey.

Research is all sponsored research and development activities of your institution that are separately budgeted and accounted for. Research can be funded by your own institution, the federal government, a state government, foundations, corporations, or other sources. It does not include departmental research that is not separately budgeted.

Research space is the net assignable square feet 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.

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.

Science and engineering (S&E) includes the following fields: agricultural sciences and natural resources sciences, biological and biomedical sciences, computer and information sciences, engineering, health and clinical sciences, mathematics and statistics, physical sciences, psychology, social sciences, and other science and engineering fields. See Question 2 on pages 5–7 for a detailed list of the disciplines included in each of these fields.

Definition of science and engineering (S&E) research and research space (continued)

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, storage areas, etc.
- laboratories, including computer labs, behavior observation rooms, etc.
- 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, recovery rooms, etc.
- housing facilities for research animals and associated maintenance areas, including cage rooms, stalls, wards, isolation rooms, exercise rooms, feed storage rooms, cage-washing rooms, holding and storage areas, etc.
- 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 MRIs
- space that is leased by your institution

Research space does not include:

- space for the fields of law, business administration/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
- Federally Funded Research and Development Centers (FFRDCs)
- in-kind space used by your faculty, staff, or other persons but administered by other organizations, such as research facilities at non-university hospitals or Veterans Administration hospitals
- space administered by your institution but leased to another organization
- outdoor areas such as fish ponds or planting fields

Question 1: Types of science and engineering (S&E) research space

1. Please indicate whether or not your institution had each type of S&E research space listed below at the end of your FY 2011. See pages 2–3 for the definition of research space and fields of S&E.

Did your institution have this type of S&E research space at end of FY 2011?

(Mark one "X" for each row.)

Types of S&E research space	Yes	No	Uncertain
a. Laboratories, wet or dry, including computer laboratories, behavior observation laboratories, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Laboratory support space, including autoclave rooms, darkrooms, equipment areas, storage areas for research equipment and supplies, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Instructional laboratories that are <i>also</i> used for research.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Core laboratories that serve other laboratories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Leased space that is used for research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Offices, to the extent they are used for research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Space used for research containing nonfixed equipment costing \$1 million or more each, such as MRIs.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Research space in a medical school that awards the M.D. or D.O. degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Research animal space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reminder: Please see page 1 for confidentiality of this item.			
Laboratories and associated support areas used for research animals that are subject to local, state, and federal government policies and regulations concerning humane care and use of animals. Examples include procedure rooms, holding rooms, recovery rooms, animal production colonies, and storage areas.			
Space for housing research animals and associated maintenance areas that are subject to local, state, and federal government policies and regulations concerning humane care and use of animals. Examples include animal quarters, cage washing rooms, feed storage areas, isolation rooms, and exercise rooms.			
j. Research space that is used for clinical trials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 2: Amount of research space

2. At the end of your FY 2011, how much net assignable square feet was used for research (based on the definition of research space on pages 2–3) for each of the fields of science and engineering (S&E) below? Please include any research animal space in the relevant fields of S&E. You may provide estimates if you do not have exact figures.

Research animal space includes all departmental and central facilities, such as laboratories, housing, and associated support areas, that are subject to local, state, and federal government policies and regulations concerning humane care and use of laboratory animals.

If research space was shared among fields or used for other purposes in addition to research, report the portion of space used for research for each field below. For example, if two fields shared the space equally, report half of the space in one field and half in the other. Or, if an area was used for research one-fourth of the time and for other purposes the rest of the time, report one-fourth of the space as research space.

See pages 27–28 for crosswalk of survey fields of S&E and NCES CIP codes.

Field of S&E (Include research animal space.)	Net assignable square feet of research space at end of FY 2011
a. Agricultural sciences and natural resources sciences	
Agricultural economics Animal sciences Fishing and fisheries sciences Food science and technology Forestry	<input type="text"/> NASF <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2011
Natural resources conservation and research (includes environmental science) Natural resources economics Plant sciences Soil sciences Wildlife and wildlands science	
b. Biological and biomedical sciences	
Anatomical sciences Animal biology Biochemistry Bioinformatics Biology Biomathematics Biophysics Biotechnology Botany Cell biology Cellular biology Ecology Evolution Genetics Human nutrition	<input type="text"/> NASF <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2011
Immunology Microbiological sciences Molecular biology Molecular medicine Neurobiology Neurosciences Pathology Pharmacology Physiology Plant biology Population biology Toxicology Zoology Biological and biomedical sciences, other	
c. Computer and information sciences	
Computer science Computer software and media applications Computer systems networking and telecommunications Information science	<input type="text"/> NASF <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2011

Field of S&E*(Include research animal space.)***Net assignable square feet
of research space at end of
FY 2011****d. Engineering**

Aeronautical engineering	Forest engineering
Aerospace engineering	Geological engineering
Agricultural engineering	Geophysical engineering
Architectural engineering	Industrial engineering
Astronautical engineering	Manufacturing engineering
Automation engineering	Marine engineering
Biochemical engineering	Materials engineering
Bioengineering	Mechanical engineering
Biological engineering	Mechatronics
Biomedical engineering	Medical engineering
Biosystems engineering	Metallurgical engineering
Ceramic sciences and engineering	Mining and mineral engineering
Chemical engineering	Naval architecture
Civil engineering	Nuclear engineering
Computer engineering, general	Ocean engineering
Construction engineering	Operations research
Electrical, electronics and communications engineering	Paper science and engineering
Electromechanical engineering	Petroleum engineering
Engineering chemistry	Plastics engineering
Engineering mechanics	Polymer engineering
Engineering physics	Robotics
Engineering science	Surveying engineering
Environmental engineering	Systems engineering
Environmental health engineering	Textile sciences and engineering
	Engineering, other

 NASF

 Check this box if no
research space in this field at
the end of FY 2011
e. Health and clinical sciences

Allied health diagnostic, intervention, and treatment	Optometry
Clinical laboratory science/research	Oral sciences
Clinical nursing	Osteopathic medicine
Communication disorders sciences	Osteopathy
Dentistry	Pharmaceutical sciences
Informatics	Pharmacy
Kinesiology and exercise science	Podiatric medicine
Medical clinical sciences	Podiatry
Medical illustration	Public health
Medical laboratory science/research	Registered nursing
Medicine	Rehabilitation and therapeutic subfields
Nursing research	Veterinary biomedical sciences
	Veterinary medicine

 NASF

 Check this box if no
research space in this field at
the end of FY 2011
f. Mathematics and statistics

Applied mathematics
Mathematics
Statistics
Mathematics and statistics, other

 NASF

 Check this box if no
research space in this field at
the end of FY 2011

Field of S&E
(Include research animal space.)

**Net assignable square feet
of research space at end of
FY 2011**

g. Physical sciences

Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography

_____ NASF

Check this box if no
research space in this field at
the end of FY 2011

Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics

_____ NASF

Check this box if no
research space in this field at
the end of FY 2011

h. Psychology

Applied Psychology
Clinical psychology
Counseling psychology

Research and experimental psychology
Psychology, other

_____ NASF

Check this box if no
research space in this field at
the end of FY 2011

i. Social sciences

Anthropology
Archeology
Criminalistics
Criminal justice
Criminal science
Criminology
Demography
Economics
Forensic science and technology

Geography and cartography
International relations
National security studies
Police science
Political science and government
Population studies
Sociology
Urban affairs
Social sciences, other

_____ NASF

Check this box if no
research space in this field at
the end of FY 2011

j. Other field of S&E

Use this category when multidisciplinary, interdisciplinary, or other aspects make
classification under one primary S&E field impossible. Please see pages 2–3 for the definition
of S&E research and research space.

_____ NASF

(Please describe.) _____

Check this box if no
research space in this field at
the end of FY 2011

Question 3: Research animal space

Reminder: Please see page 1 for confidentiality of this item.

3. At the end of your FY 2011, how much of the research NASF reported in Question 2 was used for research animals?

Research animal space includes all departmental and central facilities, such as laboratories, housing, and associated support areas, that are subject to local, state, and federal government policies and regulations concerning humane care and use of laboratory animals.

Research animal portion of the space
included in Question 2 (*If none, enter "0."*) NASF

Question 4: Clinical trial research space

4. At the end of your FY 2011, how much of the research NASF reported in Question 2 was used for clinical trials?

Clinical trial portion of the space
included in Question 2 (*If none, enter "0."*) NASF

Question 5: Research space in medical school

5. *If your institution had a medical school*, how much of the research NASF reported in Question 2 was located in the medical school at the end of your FY 2011?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution did *not* have a medical school,
check this box and go to Question 6.....

Medical school portion of the space
included in Question 2 (*If none, enter "0."*) NASF

Question 6: Condition of research space

Reminder: Please see page 1 for confidentiality of this item.

6. At the end of your FY 2011, what percentage of the research NASF reported in Question 2 fell into each of the four condition categories below? Include research animal space.

Superior condition	Suitable for the most scientifically competitive research in this field over the next 2 years (your FY 2012 and FY 2013)
Satisfactory condition	Suitable for continued use over the next 2 years (your FY 2012 and FY 2013) for most levels of research in this field, but may require minor repairs or renovation
Requires renovation	Will no longer be suitable for current research without undergoing major renovation within the next 2 years (your FY 2012 and FY 2013)
Requires replacement	Should stop using space for current research within the next 2 years (your FY 2012 and FY 2013)

For Field of S&E definitions, see Question 2 on pages 5–7.

Field of S&E (Include research animal space.)	Mark "X" if no research space in this field	Percent of net assignable square feet				Total
		Superior condition	Satisfactory condition	Requires renovation	Requires replacement	
<i>(The percentages should sum to 100 within each row.)</i>						
a. Agricultural sciences and natural resources sciences.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
b. Biological and biomedical sciences.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
c. Computer and information sciences	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
d. Engineering.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
e. Health and clinical sciences.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
f. Mathematics and statistics	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
g. Physical sciences						
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
h. Psychology.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
i. Social sciences	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
j. Other field of S&E.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%

Question 7: Repairs and renovations started in FY 2010 and FY 2011

7. Please provide the completion costs for repair and renovation of S&E research facilities that started during your FY 2010 or FY 2011. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E listed below. For **multi-year projects**, report the entire completion cost even if some work will occur in future years.

Start date is the date on which the physical work of the repairs or renovations actually began.

Repairs and renovations are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space. Include any repairs or renovations to existing space that are performed in combination with new construction projects. **Do not** report building additions since they are reported in this survey under new construction.

Completion costs include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs \$1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

If research facilities are shared by two or more fields, allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a \$300,000 project, do **not** report that field's share, which is \$75,000. If a \$400,000 project will have two fields with the same costs, do **not** report either field's portion, which is \$200,000 each.

If research facilities are also used for nonresearch activities, report the S&E research portion of the costs for the fields listed below if the research portion is \$250,000 or more. For example, if a facility is used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution had no repair or renovation projects, check this box and go to Question 9

For Field of S&E definitions, see Question 2 on pages 5–7.

Field of S&E <i>(Include costs for research animal space.)</i>	Completion costs for projects started in FY 2010 or FY 2011
a. Agricultural sciences and natural resources sciences	\$ <input style="width: 100px;" type="text"/>
b. Biological and biomedical sciences	\$ <input style="width: 100px;" type="text"/>
c. Computer and information sciences	\$ <input style="width: 100px;" type="text"/>
d. Engineering.....	\$ <input style="width: 100px;" type="text"/>
e. Health and clinical sciences.....	\$ <input style="width: 100px;" type="text"/>
f. Mathematics and statistics	\$ <input style="width: 100px;" type="text"/>
g. Physical sciences	
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$ <input style="width: 100px;" type="text"/>
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$ <input style="width: 100px;" type="text"/>
h. Psychology.....	\$ <input style="width: 100px;" type="text"/>
i. Social sciences	\$ <input style="width: 100px;" type="text"/>
j. Other field of S&E <i>(Please describe.)</i>	\$ <input style="width: 100px;" type="text"/>
<input style="width: 150px; height: 15px;" type="text"/>	

Question 8: For medical schools only: repairs and renovations in FY 2010 and FY 2011

8. *If your institution had a medical school*, how much of the completion costs for repair and renovation of research facilities as reported in Question 7 was located in the medical school?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution did *not* have a medical school,
check this box and go to Question 9.....

Medical school portion of the costs
included in Question 7 (*If none, enter "0."*)\$

Question 9: New construction started in FY 2010 and FY 2011

9. Please provide the total number of new construction projects that included S&E research facilities that started during your FY 2010 or FY 2011. Include only projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E. Include research animal space in the relevant fields of S&E.

New construction is the construction of a new building or additions to an existing building.

Research facilities are defined on pages 2–3 of the survey questionnaire.

Start date is the date on which the physical work of the construction actually began.

Completion costs include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs \$1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

If facilities are shared for research and nonresearch activities, report only projects with completion costs of \$250,000 or more for at least one field of S&E research. For example, if a \$300,000 project involves space used for research only one-fourth of the time, this project of \$75,000 for the research facilities should not be reported.

If facilities are shared by two or more fields of S&E, report the new construction project only if at least one field of S&E research has completion costs of \$250,000 or more. For example, if two fields share the costs equally for a research project costing \$400,000, neither field's share of \$200,000 meets the cost minimum.

If your institution had no new construction projects, check this box and go to Question 10.....

If your institution had one or more new construction projects, enter the number of projects here and fill out a separate Individual Project Form for each one..... projects

Please make additional copies of this form as needed.

Individual Project Form for Question 9

Page 1 of 4

Please complete this form for **each** new construction project that started during your FY 2010 or FY 2011. Include only projects that will cost \$250,000 or more for at least one of the S&E fields. Consider the start date to be the date on which the physical work of the new construction began.

9A. What is the name of this project? _____

9B. During which of your fiscal years did the physical work of new construction begin for this project?

FY 2010

FY 2011

9C. When this project is completed, what is (a) the entire project's (research and nonresearch) gross square feet; (b) the entire project's net assignable square feet; and (c) the S&E research facilities portion in net assignable square feet?

For multi-year projects, report the space expected when the project is completed.

a. Gross square feet (GSF) for entire project (research and nonresearch)..... GSF

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

b. Net assignable square feet (NASF) for entire project
(research and nonresearch)..... NASF

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.

NOTE: If the entire project is S&E research, the answers for row b and row c will be the same.

c. Net assignable square feet for **S&E research facilities** portion
(defined on pages 2–3 of the survey questionnaire)..... NASF

Research facilities are defined on pages 2–3 of the survey questionnaire, including examples of what areas to include and exclude.

If the research facilities are also used for nonresearch activities, adjust the amount of space based on the amount of time the area is used for S&E research. For example, if an area is used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the space as S&E research facilities.

Please make additional copies of this form as needed.

Individual Project Form for Question 9

Page 2 of 4

- 9D. When this project is completed, what are the completion costs for (a) the entire project (research and nonresearch), and (b) the S&E research facilities portion of the project? **For multi-year projects**, report the costs expected when the project is completed.

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.

a. Completion costs for the GSF of the entire project (research and nonresearch) \$

b. Completion costs for the **S&E research facilities** portion
(defined on pages 2–3 of the survey questionnaire)..... \$

If the research facilities are also used for nonresearch activities, adjust the completion costs based on the amount of time the facilities are used for S&E research. For example, if a facility is used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

Please make additional copies of this form as needed.

Individual Project Form for Question 9

Page 3 of 4

- 9E. For the portion of this project used for **S&E research facilities**, what are (1) the completion costs, and (2) the net assignable square feet, for each field listed below? **For multi-year projects**, report costs and NASF expected when the project is completed.

Report only fields with costs of \$250,000 or more for research facilities.

If research facilities are shared by two or more fields, allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a \$300,000 project, do not report that field's share, which is \$75,000. If a \$400,000 project will have two fields with the same costs, do not report either field's portion, which is \$200,000 each.

If research facilities are also used for nonresearch activities, report the S&E research portion of the cost and net assignable square feet for the fields listed below if the research portion is \$250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

For Field of S&E definitions, see Question 2 on pages 5–7.

	Research facilities		
Field of S&E (Include research animal space.)	(1) Completion costs	(2) Net assignable square feet	
a. Agricultural sciences and natural resources sciences	\$		NASF
b. Biological and biomedical sciences	\$		NASF
c. Computer and information sciences	\$		NASF
d. Engineering	\$		NASF
e. Health and clinical sciences	\$		NASF
f. Mathematics and statistics	\$		NASF
g. Physical sciences			
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$		NASF
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$		NASF
h. Psychology	\$		NASF
i. Social sciences	\$		NASF
j. Other field of S&E (Please describe.)	\$		NASF

Please make additional copies of this form as needed.

Individual Project Form for Question 9

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Reminder: Please see page 1 for confidentiality of this item.

- 9F. How much of the completion costs and NASF reported in Question 9E are for **research animal space**?

Research animal space includes all departmental and central facilities, such as laboratories, housing, and associated support areas, that are subject to local, state, and federal government policies and regulations concerning humane care and use of laboratory animals.

	Completion costs	Net assignable square feet
Research animal portion included in Question 9E (If none, enter "0.").....	\$ <input type="text"/>	<input type="text"/> NASF

- 9G. **If your institution has a medical school**, how much of the completion costs and NASF reported in Question 9E are for research facilities located in the medical school?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution does **not** have a medical school, check this box and go to Question 10

	Completion costs	Net assignable square feet
Medical school portion included in Question 9E (If none, enter "0.").....	\$ <input type="text"/>	<input type="text"/> NASF

Question 10: Sources of project funding

10. Please provide the completion costs by source of funding for repair and renovation and new construction of S&E research facilities that started during your FY 2010 or FY 2011 as reported in Question 7 and Question 9E.

Total costs reported in column 1 should match the sum of the costs for repair and renovation of research facilities reported in Question 7 on page 10.

Total costs reported in column 2 should match the sum of the costs for new construction as reported in Question 9E on all Individual Project Form(s).

Source of funding	Completion costs	
	(1) For repairs and renovations reported in Question 7	(2) For new construction reported in Question 9E (all project forms)
a. Federal government	\$ <input type="text"/>	\$ <input type="text"/>
b. State or local government	\$ <input type="text"/>	\$ <input type="text"/>
c. Institutional funds and other sources Examples: operating funds, endowments, tax-exempt bonds and other debt financing, indirect costs recovered from federal grants/contracts, private donations, other sources	\$ <input type="text"/>	\$ <input type="text"/>
Total	\$ <input type="text"/>	\$ <input type="text"/>

Question 11: Planned repairs and renovations to start in FY 2012 and FY 2013

11. Please provide the estimated completion costs planned for repair and renovation of S&E research facilities that are funded **and** scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E listed below. For **multi-year projects**, report the entire completion cost even if some work will occur in future years.

Start date is the date on which the physical work of the repairs or renovations is scheduled to begin.

Repairs and renovations are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space. Include any repairs or renovations to existing space that are performed in combination with new construction projects. **Do not** report building additions since they are reported in this survey under new construction.

Completion costs include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs \$1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

If research facilities are shared by two or more fields, allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a \$300,000 project, do **not** report that field's share, which is \$75,000. If a \$400,000 project will have two fields with the same costs, do **not** report either field's portion, which is \$200,000 each.

If research facilities will also be used for nonresearch activities, report the S&E research portion of the costs for the fields listed below if the research portion is \$250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does **not** have planned repair or renovation projects, check this box and go to Question 13.....

For Field of S&E definitions, see Question 2 on pages 5–7.

Field of S&E <i>(Include costs for research animal space.)</i>	Completion costs for planned repair/renovation projects to start in FY 2012 or FY 2013
a. Agricultural sciences and natural resources sciences	\$ <input style="width: 100px;" type="text"/>
b. Biological and biomedical sciences.....	\$ <input style="width: 100px;" type="text"/>
c. Computer and information sciences	\$ <input style="width: 100px;" type="text"/>
d. Engineering.....	\$ <input style="width: 100px;" type="text"/>
e. Health and clinical sciences.....	\$ <input style="width: 100px;" type="text"/>
f. Mathematics and statistics	\$ <input style="width: 100px;" type="text"/>
g. Physical sciences	
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$ <input style="width: 100px;" type="text"/>
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$ <input style="width: 100px;" type="text"/>
h. Psychology	\$ <input style="width: 100px;" type="text"/>
i. Social sciences.....	\$ <input style="width: 100px;" type="text"/>
j. Other field of S&E <i>(Please describe.)</i>	\$ <input style="width: 100px;" type="text"/>
<input style="width: 150px; height: 15px;" type="text"/>	

Question 12: For medical schools only: planned repairs and renovations in FY 2012 and FY 2013

12. *If your institution has a medical school*, how much of the completion costs for planned repair and renovation of research facilities as reported in Question 11 will be located in the medical school?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution does *not* have a medical school, check this box and go to Question 13

Medical school portion of the costs included in Question 11 (*If none, enter "0."*) \$

Question 13: Planned new construction to start in FY 2012 and FY 2013

13. Please provide the estimated completion costs and NASF for planned new construction of S&E research facilities that are funded and scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E listed below. For **multi-year projects**, report the entire completion cost even if some work will occur in future years.

Start date is the date on which the physical work of the construction is scheduled to begin.

New construction is the construction of a new building or additions to an existing building.

Completion costs include planning, site preparation, construction, fixed equipment, nonfixed equipment that costs \$1 million or more, and building infrastructure such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation.

If research facilities are shared by two or more fields, allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a \$300,000 project, do **not** report that field's share, which is \$75,000. If a \$400,000 project will have two fields with the same costs, do **not** report either field's portion, which is \$200,000 each.

If research facilities are also used for nonresearch activities, report the S&E research portion of the costs and net assignable square feet for the fields listed below if the research portion is \$250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does **not** have any planned new construction projects, check this box and go to Question 15

For Field of S&E definitions, see Question 2 on pages 5–7.

Planned new construction scheduled to start in FY 2012 or FY 2013

Field of S&E (Include costs for research animal space.)	Completion costs	Net assignable square feet	
a. Agricultural sciences and natural resources sciences	\$ <input type="text"/>	<input type="text"/>	NASF
b. Biological and biomedical sciences.....	\$ <input type="text"/>	<input type="text"/>	NASF
c. Computer and information sciences	\$ <input type="text"/>	<input type="text"/>	NASF
d. Engineering	\$ <input type="text"/>	<input type="text"/>	NASF
e. Health and clinical sciences	\$ <input type="text"/>	<input type="text"/>	NASF
f. Mathematics and statistics.....	\$ <input type="text"/>	<input type="text"/>	NASF
g. Physical sciences			
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography	\$ <input type="text"/>	<input type="text"/>	NASF
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics	\$ <input type="text"/>	<input type="text"/>	NASF
h. Psychology	\$ <input type="text"/>	<input type="text"/>	NASF
i. Social sciences.....	\$ <input type="text"/>	<input type="text"/>	NASF
j. Other field of S&E (Please describe.).....	\$ <input type="text"/>	<input type="text"/>	NASF

Question 14: For medical schools only: planned new construction in FY 2012 and FY 2013

14. *If your institution has a medical school*, how much of the completion costs and NASF for the planned new construction of research facilities as reported in Question 13 will be located in the medical school?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution does *not* have a medical school, check this box and go to Question 15.....

	Completion costs	Net assignable square feet
Medical school portion included in Question 13 (<i>If none, enter "0."</i>)	\$ <input type="text"/>	<input type="text"/> NASF

Question 15: Deferred repairs and renovations

15. Please provide the estimated costs for any **deferred repair and renovation** projects of S&E research facilities that are needed for current research program commitments, but are not yet funded **and** not yet scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E listed below. Please estimate costs separately for projects included in your approved institutional plan and projects not included in this plan. Institutional plans usually will include goals, strategies, and budgets for fulfilling your institution's mission during a specific time period.

Deferred projects are those that: (1) are not funded, and (2) are not scheduled for FY 2012 or FY 2013. Do not include projects planned for developing new programs or expanding your current programs.

Repairs and renovations are activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space. Include any repairs or renovations to existing space that are performed in combination with new construction projects. **Do not** report building additions since they are reported in this survey under new construction.

Current research program commitments include current faculty and staff or those to whom offers have been made or grants awarded (whether or not research has actually begun) and programs which have been approved.

If research facilities will be shared by two or more fields, allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a \$300,000 project, do **not** report that field's share, which is \$75,000. If a \$400,000 project will have two fields with the same costs, do **not** report either field's portion, which is \$200,000 each.

If research facilities will also be used for nonresearch activities, report the S&E research portion of the costs for the fields listed below if the research portion is \$250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does **not** have deferred projects for repair or renovation, check this box and go to Question 17.....

For Field of S&E definitions, see Question 2 on pages 5–7.

Field of S&E (Include costs for research animal space.)	Estimated costs of deferred repairs and renovations	
	For projects included in your institutional plan	For projects <i>not</i> included in your institutional plan
a. Agricultural sciences and natural resources sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
b. Biological and biomedical sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
c. Computer and information sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
d. Engineering.....	\$ <input type="text"/>	\$ <input type="text"/>
e. Health and clinical sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
f. Mathematics and statistics.....	\$ <input type="text"/>	\$ <input type="text"/>
g. Physical sciences		
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography.....	\$ <input type="text"/>	\$ <input type="text"/>
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics.....	\$ <input type="text"/>	\$ <input type="text"/>
h. Psychology.....	\$ <input type="text"/>	\$ <input type="text"/>
i. Social sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
j. Other field of S&E (Please describe.).....	\$ <input type="text"/>	\$ <input type="text"/>

Question 16: For medical schools only: deferred repairs and renovations

16. *If your institution has a medical school*, how much of the estimated costs for deferred repair and renovation of research facilities as reported in Question 15 would be located in the medical school?

Medical school is a school that awards the M.D. or D.O. degree.

If your institution does *not* have a medical school,
check this box and go to Question 17

	For projects included in your institutional plan	For projects <i>not</i> included in your institutional plan
Medical school portion of the costs included in Question 15 (<i>If none, enter "0."</i>).....	\$ <input type="text"/>	\$ <input type="text"/>

Question 17: Deferred new construction

17. Please provide the estimated costs for any **deferred new construction** projects of S&E research facilities that are needed for current program commitments, but are not yet funded **and** not yet scheduled to start in your FY 2012 or FY 2013. Include research animal space in the relevant fields of S&E. Include only projects whose prorated cost was estimated to be \$250,000 or more for at least one field of S&E listed below. Please estimate costs separately for projects included in your approved institutional plan and projects not included in this plan. Institutional plans usually will include goals, strategies, and budgets for fulfilling your institution's mission during a specific time period.

Deferred projects are those that: (1) are not funded, and (2) are not scheduled for FY 2012 or FY 2013. Do not include projects planned for developing new programs or expanding your current programs.

New construction is the construction of a new building or additions to an existing building.

Current research program commitments include current faculty and staff or those to whom offers have been made or grants awarded (whether or not research has actually begun) and programs which have been approved.

If research facilities will be shared by two or more fields, allocate the appropriate share of the costs to each field in order to determine which fields to report. For example, if a field will have one-fourth of the costs for a \$300,000 project, do **not** report that field's share, which is \$75,000. If a \$400,000 project will have two fields with the same costs, do **not** report either field's portion, which is \$200,000 each.

If research facilities will also be used for nonresearch activities, report the S&E research portion of the costs for the fields listed below if the research portion is \$250,000 or more. For example, if a facility will be used for S&E research one-fourth of the time and for instruction the rest of the time, report one-fourth of the completion costs for S&E research facilities.

If your institution does **not** have deferred projects for new construction, check this box and go to Question 19.....

For Field of S&E definitions, see Question 2 on pages 5–7.

Estimated costs of deferred new construction

Field of S&E (Include costs for research animal space.)	For projects included in your institutional plan	For projects not included in your institutional plan
a. Agricultural sciences and natural resources sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
b. Biological and biomedical sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
c. Computer and information sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
d. Engineering.....	\$ <input type="text"/>	\$ <input type="text"/>
e. Health and clinical sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
f. Mathematics and statistics.....	\$ <input type="text"/>	\$ <input type="text"/>
g. Physical sciences		
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography.....	\$ <input type="text"/>	\$ <input type="text"/>
Group 2: Astronomy, astrophysics, chemistry, materials sciences, and physics.....	\$ <input type="text"/>	\$ <input type="text"/>
h. Psychology.....	\$ <input type="text"/>	\$ <input type="text"/>
i. Social sciences.....	\$ <input type="text"/>	\$ <input type="text"/>
j. Other field of S&E (Please describe.).....	\$ <input type="text"/>	\$ <input type="text"/>

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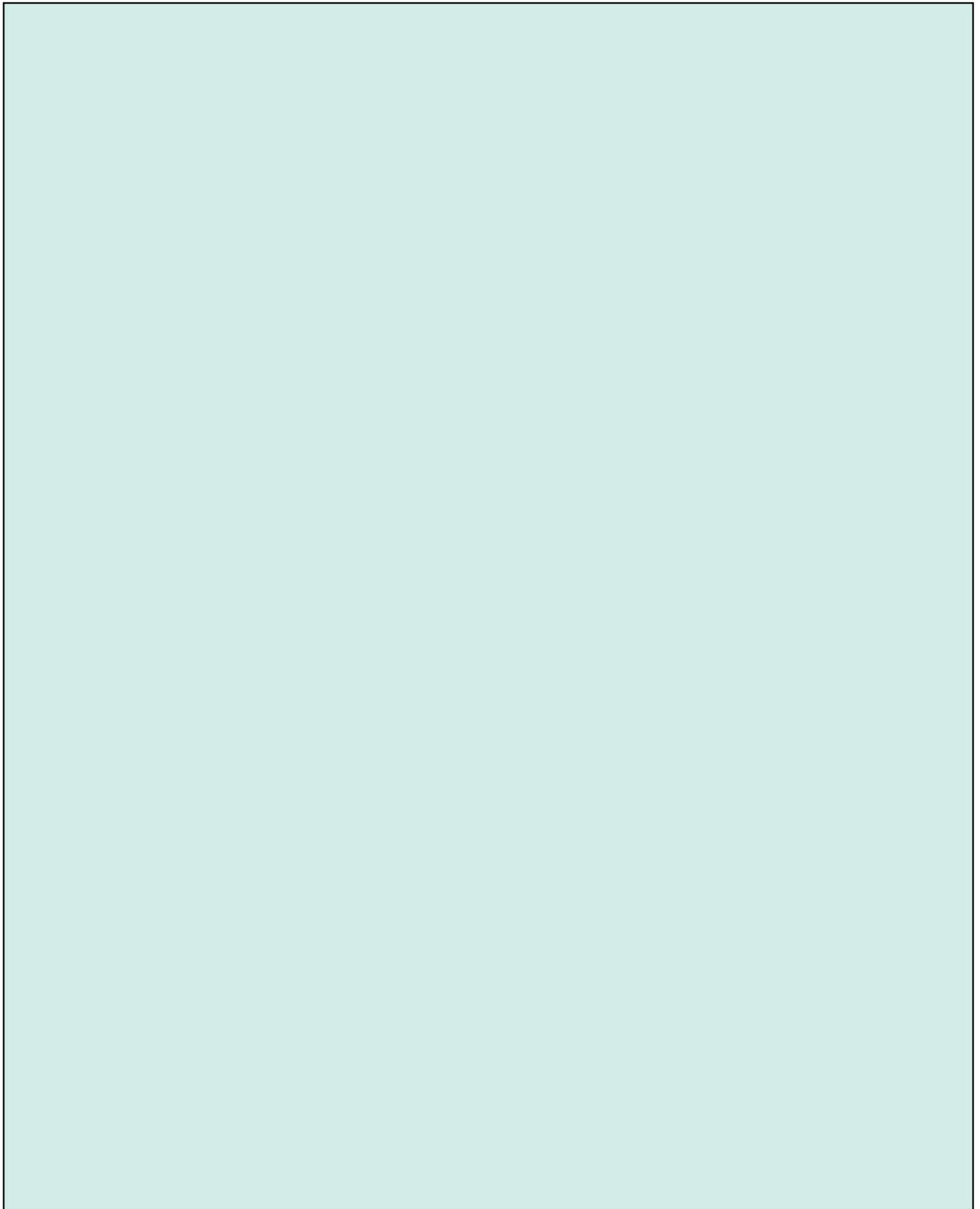
Crosswalk of Survey Fields of S&E to the National Center for Education Statistics (NCES) 2010 Classification of Instructional Programs (CIP)

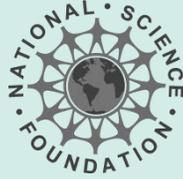
Field of S&E	NCES CIP 2010 classification			
Agricultural sciences and natural resources sciences	01.09	Animal sciences	03.05	Forestry
	01.10	Food science and technology	03.06	Wildlife and wildlands science and management
	01.11	Plant sciences		
	01.12	Soil sciences		Also include:
	03.01	Natural resources conservation and research (includes environmental science)	01.0103	Agricultural economics
	03.03	Fishing and fisheries sciences and management	03.0204	Natural resources economics
Biological and biomedical sciences	26.01	Biology, general	26.11	Biomathematics and bioinformatics
	26.02	Biochemistry, biophysics and molecular biology	26.12	Biotechnology
	26.03	Botany/plant biology	26.13	Ecology, evolution and population biology
	26.04	Cell/cellular biology and anatomical sciences	26.14	Molecular medicine
	26.05	Microbiological sciences and immunology	26.15	Neurobiology and neurosciences
	26.07	Zoology/animal biology	26.99	Biological and biomedical sciences, other
	26.08	Genetics		
	26.09	Physiology, pathology, and related sciences		Also include:
	26.10	Pharmacology and toxicology	19.0504	Human nutrition
	Computer and information sciences	11.01	Computer and information sciences, general	11.08
11.04		Information science/studies	11.09	Computer systems networking and telecommunications
11.07		Computer science		
Engineering	14.01	Engineering, general	14.23	Nuclear engineering
	14.02	Aerospace, aeronautical and astronautical engineering	14.24	Ocean engineering
	14.03	Agricultural engineering	14.25	Petroleum engineering
	14.04	Architectural engineering	14.27	Systems engineering
	14.05	Biomedical/medical engineering	14.28	Textile sciences and engineering
	14.06	Ceramic sciences and engineering	14.32	Polymer/plastics engineering
	14.07	Chemical engineering	14.33	Construction engineering
	14.08	Civil engineering	14.34	Forest engineering
	14.09	Computer engineering, general	14.35	Industrial engineering
	14.10	Electrical, electronics and communications engineering	14.36	Manufacturing engineering
	14.11	Engineering mechanics	14.37	Operations research
	14.12	Engineering physics	14.38	Surveying engineering
	14.13	Engineering science	14.39	Geological/geophysical engineering
	14.14	Environmental/environmental health engineering	14.40	Paper science and engineering
	14.18	Materials engineering	14.41	Electromechanical engineering
	14.19	Mechanical engineering	14.42	Mechatronics, robotics, and automation engineering
	14.20	Metallurgical engineering	14.43	Biochemical engineering
	14.21	Mining and mineral engineering	14.44	Engineering chemistry
	14.22	Naval architecture and marine engineering	14.45	Biological/biosystems engineering
			14.99	Engineering, other

Field of S&E	NCES CIP 2010 classification			
Health and clinical sciences	51.02	Communication disorders sciences and services	51.20	Pharmacy, pharmaceutical sciences, and administration
	51.04	Dentistry	51.21	Podiatric medicine/podiatry
	51.05	Advanced/graduate dentistry and oral sciences	51.22	Public health
	51.09	Allied health diagnostic, intervention, and treatment professions	51.23	Rehabilitation and therapeutic professions
	51.10	Clinical/medical laboratory science/research and allied professions	51.24	Veterinary medicine
	51.12	Medicine	51.25	Veterinary biomedical and clinical sciences
	51.14	Medical clinical sciences/graduate medical studies	51.27	Medical illustration and informatics
	51.16	Nursing	51.38	Registered nursing, nursing administration, nursing research, and clinical nursing
	51.17	Optometry		
	51.19	Osteopathic medicine/osteopathy	Also include: 31.0505	Kinesiology and exercise science
Mathematics and statistics	27.01	Mathematics	27.05	Statistics
	27.03	Applied mathematics	27.99	Mathematics and statistics, other
Physical sciences	Group 1			
	40.04	Atmospheric sciences and meteorology		
	40.06	Geological and earth sciences/geosciences (includes oceanography)		

	Group 2			
	40.01	Physical sciences, general		
	40.02	Astronomy and astrophysics		
	40.05	Chemistry		
	40.08	Physics		
	40.10	Materials sciences		
40.99	Physical sciences, other			
Psychology	42.01	Psychology, general	42.28	Clinical, counseling and applied psychology
	42.27	Research and experimental psychology	42.99	Psychology, other
Social sciences	45.01	Social sciences, general	45.11	Sociology
	45.02	Anthropology	45.12	Urban studies/affairs
	45.03	Archeology	45.13	Sociology and anthropology
	45.04	Criminology	45.14	Rural sociology
	45.05	Demography and population studies	45.99	Social sciences, other
	45.06	Economics		
	45.07	Geography and cartography	Also include:	
	45.09	International relations and national security studies	43.0106	Forensic science and technology
	45.10	Political science and government	43.0107	Criminal justice/police science
			43.0111	Criminalistics and criminal science
Other field of S&E	Use this category when multidisciplinary, interdisciplinary, or other aspects make classification under one primary S&E field impossible.			

Thank you. This is the end of Part 1. Part 2, which is bound separately, covers your institution's computing and networking capacity.





National Science Foundation

Part 2: Computing and Networking Capacity (for research and instructional activities)

FY 2011 Survey of Science and Engineering Research Facilities

Who should be contacted if clarification of Part 2 networking or computing answers is necessary?

Contact 1

Contact 2

Name:	<input type="text"/>	<input type="text"/>
Title/position:	<input type="text"/>	<input type="text"/>
Telephone:	<input type="text"/>	<input type="text"/>
Email address:	<input type="text"/>	<input type="text"/>

Please complete the questionnaire and send it to your institutional coordinator according to the arrangements you made with your institutional coordinator named in the label above. You may complete this questionnaire online at www.facilitiesurvey.org. You will need to click on "Part 2" and then enter the survey ID and password printed on the label above.

If you have a question, please contact Lorraine Lewis via e-mail at facilitiesurvey@westat.com or call 1-888-811-1838. The survey director at the National Science Foundation is Mr. John Jankowski. If you do not have exact figures for any part of this questionnaire, please provide estimates.

Thank you for your participation.

OMB #3145-0101

Changes from previous survey cycle

- **Question 4 on federal government research networks** has been added.
- **Question 11 on centrally administered high-performance computing (HPC) architectures of 1 teraflop or faster** has been modified to include an instruction on reporting systems with accelerators and contains updated definitions for the HPC architectures.
- **Question 12 on centrally administered HPC with accelerators** has been added.
- Many questions have been updated for increased speeds.
- **Four questions from the last survey cycle have been deleted** (question numbers shown below refer to those appearing in the FY 2009 survey):
 - Commodity internet bandwidth (Question 4)
 - High performance network connections (Question 6)
 - HPC centrally administered resources (Question 13)
 - Conditioned machine room space for centrally administered HPC (Question 23)

Question 1: Total bandwidth

1. At the end of your FY 2011, what was your institution's total bandwidth including the commodity internet (Internet1), Internet2, and the National LambdaRail? What is your estimate of this total for your institution at the end of your FY 2012?

Bandwidth is the amount of data that can be transmitted in a given amount of time, measured in bits per second.

Commodity internet (Internet1) is the general public, multiuse network often called "the Internet."

Internet2 is a high-performance hybrid optical packet network. The network was designed to provide next-generation production services as well as a platform for the development of new networking ideas and protocols.

National LambdaRail is an advanced optical network infrastructure for research and education. National LambdaRail enables cutting-edge exploration in the sciences and network research.

Please do not include:

- Redundant connections, which are not normally active but available if a failure occurs with the active connection;
or
- Burstable bandwidth.

Please include networking capacity for research, instruction, and residence halls.

Total bandwidth

(Mark one "X" for each column.)

Speed	At end of FY 2011	Estimated at end of FY 2012
a. 10 megabits/second or less	<input type="checkbox"/>	<input type="checkbox"/>
b. 11 to 45 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
c. 46 to 99 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
d. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
e. 101 to 155 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
f. 156 to 622 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
g. 623 to 999 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
h. 1 to 2.4 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
i. 2.5 to 9 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
j. 10 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
k. 10.1 to 20 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
l. More than 20 gigabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
m. Other (Please specify).....	<input type="checkbox"/>	<input type="checkbox"/>

Question 2: Internet2 bandwidth

Questions 2–10 include networking capacity for: research, instruction, and residence halls.

2. At the end of your FY 2011, what was your institution’s bandwidth to Internet2? What is your estimate of the bandwidth to Internet2 at the end of your FY 2012?

Bandwidth is the amount of data that can be transmitted in a given amount of time, measured in bits per second.

Internet2 is a high-performance hybrid optical packet network. The network was designed to provide next-generation production services as well as a platform for the development of new networking ideas and protocols.

*Please do **not** include redundant connections.* A redundant connection is not normally active but is available if a failure occurs with the active connection.

Bandwidth for Internet2

(Mark one “X” for each column.)

Speed	At end of FY 2011	Estimated at end of FY 2012
a. <i>No bandwidth to Internet2</i>	<input type="checkbox"/>	<input type="checkbox"/>
b. 10 megabits/second or less	<input type="checkbox"/>	<input type="checkbox"/>
c. 11 to 45 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
d. 46 to 99 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
e. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
f. 101 to 155 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
g. 156 to 622 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
h. 623 to 999 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
i. 1 to 2.4 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
j. 2.5 to 9 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
k. 10 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
l. 10.1 to 20 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
m. More than 20 gigabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
n. Other (<i>Please specify</i>).....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		

Question 3: National LambdaRail bandwidth

3. At the end of your FY 2011, what was your institution's bandwidth to National LambdaRail? What is your estimate of the bandwidth to National LambdaRail at the end of your FY 2012?

Bandwidth is the amount of data that can be transmitted in a given amount of time, measured in bits per second.

National LambdaRail is an advanced optical network infrastructure for research and education. National LambdaRail enables cutting-edge exploration in the sciences and network research.

Please do not include redundant connections. A redundant connection is not normally active but is available if a failure occurs with the active connection.

Bandwidth for National LambdaRail

(Mark one "X" for each column.)

Speed	At end of FY 2011	Estimated at end of FY 2012
a. <i>No bandwidth to National LambdaRail</i>	<input type="checkbox"/>	<input type="checkbox"/>
b. 10 megabits/second or less	<input type="checkbox"/>	<input type="checkbox"/>
c. 11 to 45 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
d. 46 to 99 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
e. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
f. 101 to 155 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
g. 156 to 622 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
h. 623 to 999 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
i. 1 to 2.4 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
j. 2.5 to 9 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
k. 10 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
l. 10.1 to 20 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
m. More than 20 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
n. Other (<i>Please specify.</i>).....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		

Question 4: Federal government research network connections

4. At the end of your FY 2011, did your institution have connections to any federal government research networks? Do you expect to have connections to any of these networks at the end of your FY 2012?

Federal government research networks are high performance networks which provide access to federal research resources (e.g., Department of Energy's ESnet, NASA's NREN).

(Mark one "X" for each row.)

Fiscal year	Yes	No
a. Connections at the end of FY 2011	<input type="checkbox"/>	<input type="checkbox"/>
b. Connections at the end of FY 2012	<input type="checkbox"/>	<input type="checkbox"/>

Question 5: Bandwidth through consortia

5. At the end of your FY 2011, did your institution obtain any of its bandwidth through a consortium? Do you expect to obtain bandwidth through a consortium at the end of your FY 2012?

A **consortium** is a collaboration of any combination of educational institutions (e.g., university system, regional collaboration), state and local agencies, network infrastructure operators (e.g., Internet2), vendors, health care organizations, or non-profit organizations with the purpose of coordinating and facilitating networking activities.

Bandwidth is the amount of data that can be transmitted in a given amount of time, measured in bits per second.

(Mark one "X" for each row.)

Fiscal year	Yes	No
a. Bandwidth through consortia at the end of FY 2011.....	<input type="checkbox"/>	<input type="checkbox"/>
b. Bandwidth through consortia at the end of FY 2012.....	<input type="checkbox"/>	<input type="checkbox"/>

Please provide the names of all consortia through which you expect to obtain bandwidth at the end of your FY 2012.

Question 6: Desktop port connections

6. At the end of your FY 2011, what percentage of your institution's desktop ports had hardwire connections at each of the speeds listed below? What percentage do you estimate will be at these speeds at the end of your FY 2012? If your answer is between 0 and 1 percent, please round to 1 percent.

Please report on the *capacity of the ports themselves* and not the speed of the workstations connected to them. Also, **do not include servers** when determining your responses.

Speed of connection	Percentage of desktop ports	
	At end of FY 2011	Estimated at end of FY 2012
a. 10 megabits/second or less	<input type="text"/> %	<input type="text"/> %
b. 100 megabits/second.....	<input type="text"/> %	<input type="text"/> %
c. 1 gigabit/second.....	<input type="text"/> %	<input type="text"/> %
d. 10 gigabits/second or more.....	<input type="text"/> %	<input type="text"/> %
e. Other (<i>Please specify</i>).....	<input type="text"/> %	<input type="text"/> %
<input type="text"/>		
Total	100%	100%

Question 7: Dark fiber

7. At the end of your FY 2011, did your institution own any dark fiber to your institution's internet service provider (ISP) or between your institution's buildings? Do you plan to acquire any dark fiber to your ISP or between your institution's buildings during your FY 2012?

Dark fiber is fiber-optic cable that has already been laid but is not being used. Include only fiber that was dark (i.e., unlit) when it was purchased by your institution.

(Mark one "X" for each row.)

Owned at the end of FY 2011	Yes	No
a. To your institution's ISP.....	<input type="checkbox"/>	<input type="checkbox"/>
b. Between your institution's buildings.....	<input type="checkbox"/>	<input type="checkbox"/>
To be acquired during FY 2012	Yes	No
c. To your institution's ISP.....	<input type="checkbox"/>	<input type="checkbox"/>
d. Between your institution's buildings.....	<input type="checkbox"/>	<input type="checkbox"/>

Question 8: Speed on your network

8. At the end of your FY 2011, what was the *distribution speed* (or backbone speed) that a desktop computer on your network could connect to another computer *on your institution's* network? What distribution speed will your institution have at the end of your FY 2012?

(Mark one "X" for each column.)

Speed	At end of FY 2011	Estimated at end of FY 2012
a. 10 megabits/second or less	<input type="checkbox"/>	<input type="checkbox"/>
b. 11 to 45 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
c. 46 to 99 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
d. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
e. 101 to 155 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
f. 156 to 622 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
g. 623 to 999 megabits/second	<input type="checkbox"/>	<input type="checkbox"/>
h. 1 to 2.4 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
i. 2.5 to 9 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
j. 10 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
k. 10.1 to 20 gigabits/second	<input type="checkbox"/>	<input type="checkbox"/>
l. More than 20 gigabits/second (<i>Please specify.</i>)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		
m. Other (<i>Please specify.</i>).....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		

Question 11: Architectures for centrally administered high-performance computing (HPC) of 1 teraflop or faster

11. At the end of your FY 2011, did your institution provide centrally administered high-performance computing (HPC) of 1 teraflop or faster at peak performance for each type of architecture listed below? If you had a high-performance computing system (1 teraflop or faster) with an accelerator component (e.g., GPU, Intel MIC), please report that system under the one most appropriate architecture below.

Centrally administered HPC is located within a distinct organizational unit with a staff and a budget and is generally available to the campus community. The unit has a stated mission that includes supporting HPC needs of faculty and researchers.

If some of your high-performance computing systems are slower than 1 teraflop and some are faster, please report only the systems that are 1 teraflop or faster.

Had at end of FY 2011

(Mark one "X" for each row.)

Centrally administered HPC architectures

	Yes	No
a. Cluster This architecture uses multiple commodity systems each running its own operating system with an Ethernet based (e.g., 10Mb/100Mb/GigE) or high-performance interconnect network (e.g., InfiniBand or Myrinet) to perform as a single system.	<input type="checkbox"/>	<input type="checkbox"/>
b. Massively parallel processors (MPP) This architecture uses multiple processors within a single system with a specialized high-performance interconnect network. Each processor uses its own memory and operating system (e.g., IBM Blue Gene, Cray XT5 and XE6).	<input type="checkbox"/>	<input type="checkbox"/>
c. Symmetric multiprocessors (SMP) This architecture uses multiple processors sharing the same memory and operating system to simultaneously work on individual pieces of a program (e.g., SGI Altix UV, HP Superdome, IBM Power 775).	<input type="checkbox"/>	<input type="checkbox"/>
d. Parallel vector processors (PVP) This architecture uses multiple vector processors sharing the same memory and operating system to simultaneously work on individual pieces of a program.	<input type="checkbox"/>	<input type="checkbox"/>
e. Experimental/Emerging architecture <i>(Please describe.)</i> This architecture uses technologies not currently in common use for HPC systems. <div style="border: 1px solid black; height: 15px; width: 100%; margin-top: 5px;"></div>	<input type="checkbox"/>	<input type="checkbox"/>
f. Special purpose architecture <i>(Please describe.)</i> This custom-designed architecture uses established technology that supports a special purpose system that is dedicated to a single type of problem. <div style="border: 1px solid black; height: 15px; width: 100%; margin-top: 5px;"></div>	<input type="checkbox"/>	<input type="checkbox"/>
g. Other architecture <i>(Please describe.)</i> <div style="border: 1px solid black; height: 15px; width: 100%; margin-top: 5px;"></div>	<input type="checkbox"/>	<input type="checkbox"/>

Question 12: Centrally administered HPC with accelerators

12. How many of the centrally administered high-performance computing systems you reported in Question 11 (a-g) have accelerators (e.g., GPU, Intel MIC)?

If your institution did not report any centrally administered HPC, check this box and go to Question 22

Number of systems with accelerators (*If none, enter "0."*) systems

Question 13: Centrally administered clusters of 1 teraflop or faster

13. At the end of your FY 2011, what was the peak theoretical performance of (a) your *fastest* computing cluster of 1 teraflop or faster, and (b) *all* your computing clusters of 1 teraflop or faster (including the fastest one)? Include only clusters that are centrally administered.

A computing cluster uses multiple commodity systems each running its own operating system with an Ethernet based (e.g., 10Mb/100Mb/GigE) or high-performance interconnect network (e.g., InfiniBand or Myrinet) to perform as a single system.

If some of your cluster systems for high-performance computing are slower than 1 teraflop and some are faster, please report only the systems that are 1 teraflop or faster.

If you have only one cluster that is 1 teraflop or faster, report the same number for rows a and b.

If your institution did not administer any such clusters, check this box and go to Question 14

Number of teraflops

- a. Fastest cluster of 1 teraflop or faster
- b. All computing clusters of 1 teraflop or more (including the fastest cluster).....

Question 14: Centrally administered MPP of 1 teraflop or faster

14. At the end of your FY 2011, what was the peak theoretical performance of (a) your *fastest* MPP system of 1 teraflop or faster, and (b) *all* your MPP systems of 1 teraflop or faster (including the fastest one)? Include only MPP systems that are centrally administered.

Massively parallel processing (MPP) systems use multiple processors within a single system with a specialized high-performance interconnect network. Each processor uses its own memory and operating system (e.g., IBM Blue Gene, Cray XT5 and XE6).

If some of your MPP systems for high-performance computing are slower than 1 teraflop and some are faster, please report only the systems that are 1 teraflop or faster.

If you have only one system that is 1 teraflop or faster, report the same number for rows a and b.

If your institution did not administer any such MPP systems, check this box and go to Question 15.....

Number of teraflops

- a. Fastest MPP system of 1 teraflop or faster
- b. All MPP systems of 1 teraflop or more (including the fastest system)

Question 15: Centrally administered SMP of 1 teraflop or faster

15. At the end of your FY 2011, what was the peak theoretical performance of (a) your *fastest* SMP system of 1 teraflop or faster, and (b) *all* your SMP systems of 1 teraflop or faster (including the fastest one)? Include only SMP systems that are centrally administered.

Symmetric multiprocessing (SMP) systems use multiple processors sharing the same memory and operating system to simultaneously work on individual pieces of a program (e.g., SGI Altix UV, HP Superdome, IBM Power 775).

If some of your SMP systems for high-performance computing are slower than 1 teraflop and some are faster, please report only the systems that are 1 teraflop or faster.

If you have only one system that is 1 teraflop or faster, report the same number for rows a and b.

If your institution did not administer any such SMP systems, check this box and go to Question 16.....

Number of teraflops

- a. Fastest SMP system of 1 teraflop or faster
- b. All SMP systems of 1 teraflop or more (including the fastest system)

Question 16: Centrally administered experimental/emerging computing systems of 1 teraflop or faster

16. At the end of your FY 2011, how many experimental/emerging computing systems of 1 teraflop or faster did your institution administer? Include only systems that are centrally administered.

Experimental/Emerging computing systems use technologies not currently in common use for HPC systems.

If your institution did not administer any such systems,
check this box and go to Question 17

Number of **systems** of 1 teraflop or faster systems

Question 17: Centrally administered special purpose computing systems of 1 teraflop or faster

17. At the end of your FY 2011, how many special purpose computing systems of 1 teraflop or faster did your institution administer? Include only systems that are centrally administered.

Special purpose computing systems use a custom-designed architecture using established technology that supports a special purpose system that is dedicated to a single type of problem.

If your institution did not administer any such systems,
check this box and go to Question 18

Number of **systems** of 1 teraflop or faster systems

Question 18: External users of centrally administered HPC of 1 teraflop or faster

18. During your FY 2011, which types of external users listed below used any of your institution's centrally administered HPC of 1 teraflop or faster?

**Used your HPC during
FY 2011**

(Mark one "X" for each row.)

Type of external user	Yes	No	Uncertain
a. Colleges and universities Include public and private academic institutions and systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Governments Include local, state, and regional jurisdictions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Non-profit organizations Include legal entities chartered to serve the public interest and that are exempt from most federal taxation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Industry Include for-profit companies, either publicly or privately held.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Other <i>(Please describe.)</i> _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 19: Usable online storage for centrally administered HPC of 1 teraflop or faster

19. At the end of your FY 2011, what was the total **usable** online storage available for centrally administered HPC of 1 teraflop or faster?

Usable storage is the amount of space for data storage that is available for use after the space overhead required by file systems and applicable RAID (redundant array of independent disks) configurations is removed.

Online storage includes all storage providing immediate access for files and data from your HPC systems (of at least 1 teraflop). Storage can be either locally available to specific HPC systems or made available via the network. For example, storage may be available via SAN (storage area network) or NAS (network attached storage) environments.

(Mark one "X")

- a. None
- b. Less than 1 terabyte
- c. 1 to 5 terabytes.....
- d. 6 to 10 terabytes.....
- e. 11 to 25 terabytes.....
- f. 26 to 50 terabytes.....
- g. 51 to 100 terabytes.....
- h. 101 to 250 terabytes.....
- i. 251 to 500 terabytes.....
- j. 501 to 1,000 terabytes.....
- k. 1,001 or more terabytes (*Please specify.*)

Question 20: Usable shared storage for centrally administered HPC of 1 teraflop or faster

20. At the end of your FY 2011, how much of the usable online storage reported in Question 19 was shared storage?

Usable storage is the amount of space for data storage that is available for use after the space overhead required by file systems and applicable RAID (redundant array of independent disks) configurations is removed.

Online storage includes all storage providing immediate access for files and data from your HPC systems (of at least 1 teraflop). Storage can be either locally available to specific HPC systems or made available via the network. For example, storage may be available via SAN (storage area network) or NAS (network attached storage) environments.

Shared storage includes the portion of online storage that is available simultaneously to multiple HPC systems (of at least 1 teraflop) via a network making use of SAN, NAS, file system mounting, or similar technologies.

(Mark one "X")

- a. None
- b. Less than 1 terabyte
- c. 1 to 5 terabytes
- d. 6 to 10 terabytes
- e. 11 to 25 terabytes
- f. 26 to 50 terabytes
- g. 51 to 100 terabytes
- h. 101 to 250 terabytes
- i. 251 to 500 terabytes
- j. 501 to 1,000 terabytes
- k. 1,001 or more terabytes (*Please specify.*)

Question 21: Archival storage for centrally administered HPC of 1 teraflop or faster

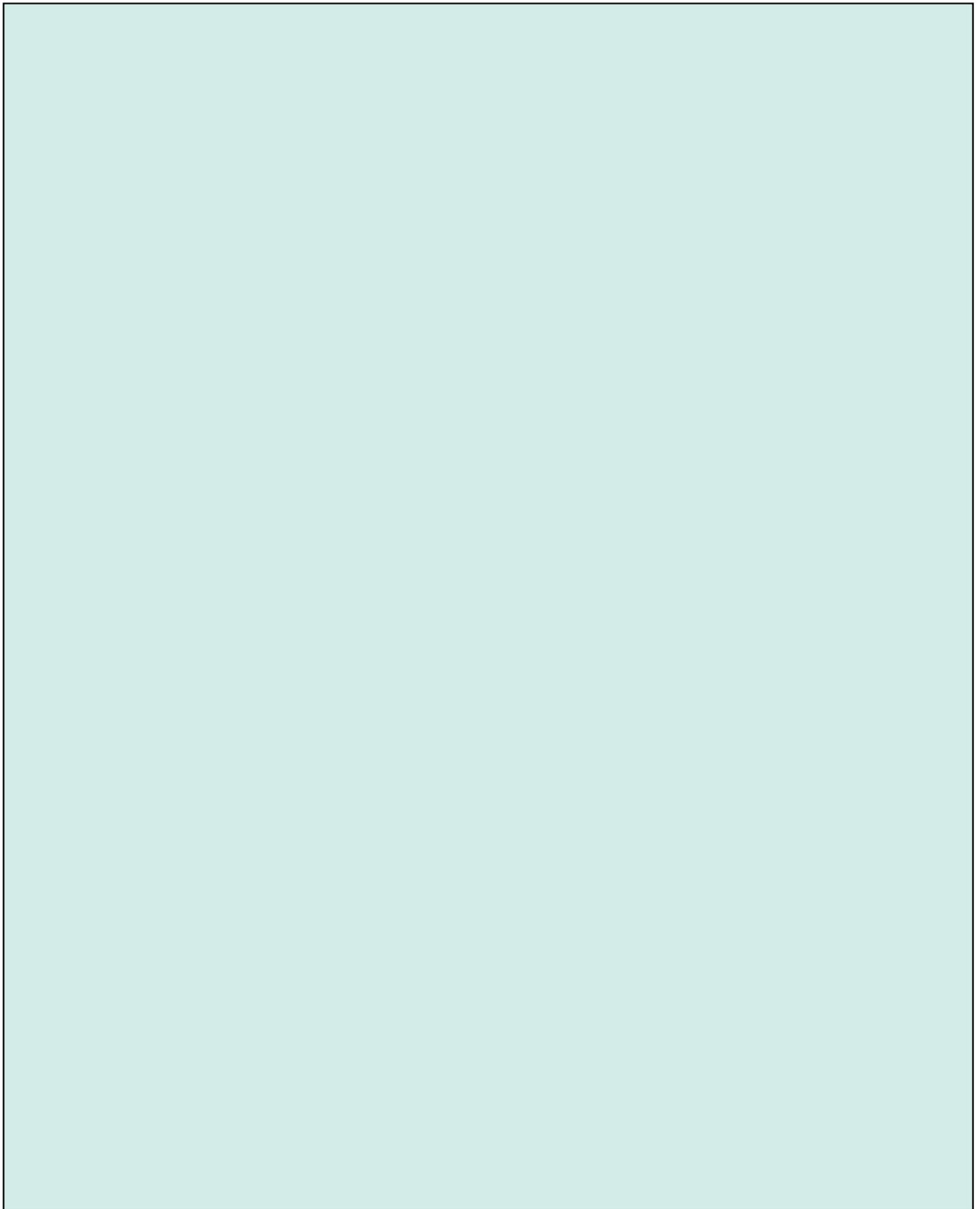
21. At the end of your FY 2011, what was the total archival storage available specifically for centrally administered HPC of 1 teraflop or faster? **Do not** include backup storage.

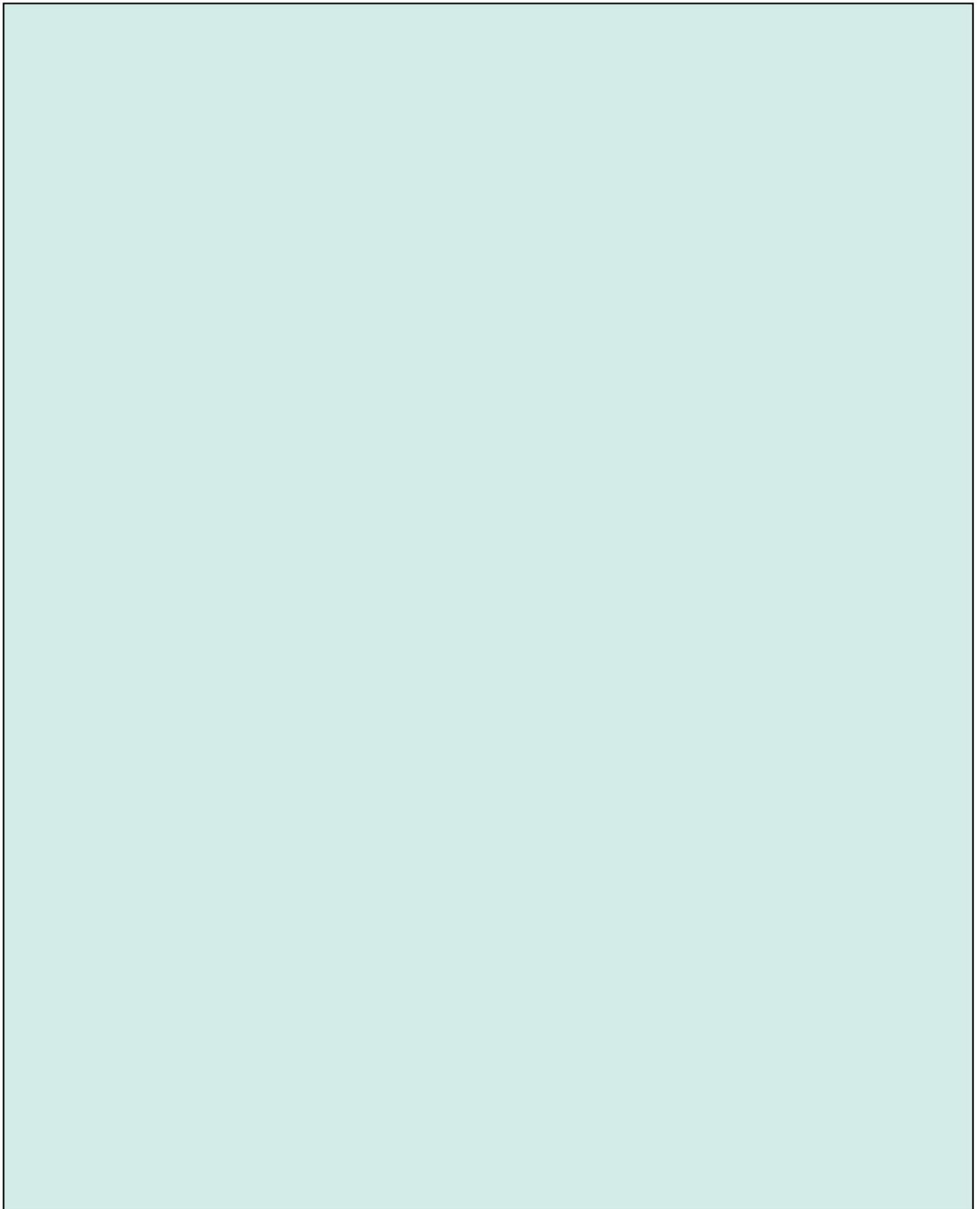
Archival storage can be either on-line or off-line. It is typically long-term storage for files and data and does not support immediate access from your HPC resources.

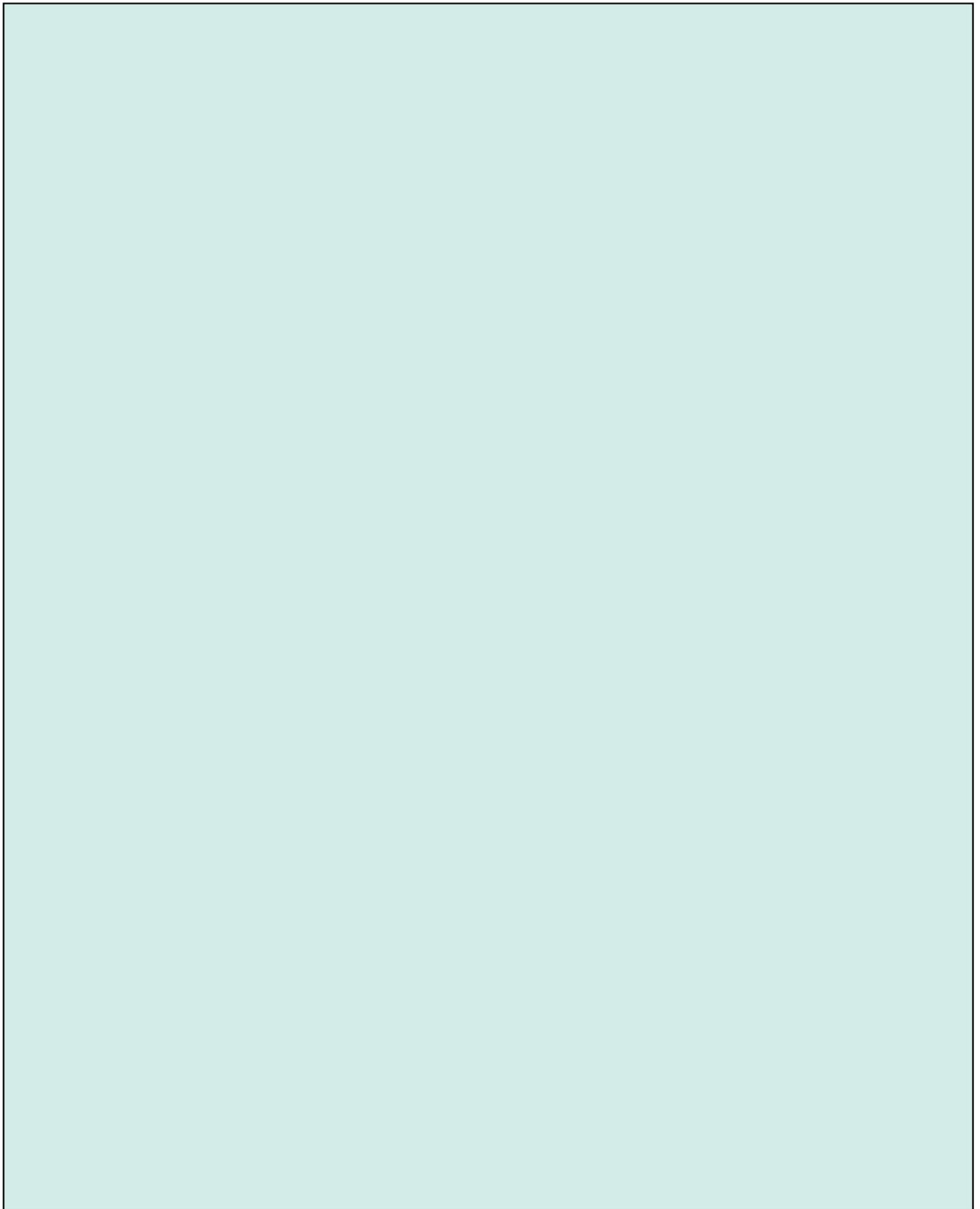
(Mark one "X")

- a. None
- b. Less than 100 terabytes.....
- c. 101 to 250 terabytes.....
- d. 251 to 500 terabytes.....
- e. 501 to 750 terabytes.....
- f. 751 to 1,000 terabytes.....
- g. 1,001 to 5,000 terabytes.....
- h. 5,001 to 10,000 terabytes.....
- i. 10,001 or more terabytes *(Please specify.)*

Thank you. This is the end of Part 2. Please send this part of the survey to your institutional coordinator according to the arrangements you made with your institutional coordinator (named on the label on the front cover of the survey questionnaire).







Suggested Citation, Acknowledgments

National Science Foundation, National Center for Science and Engineering Statistics. 2013. *Science and Engineering Research Facilities: Fiscal Year 2011*. Detailed Statistical Tables NSF 13-309. Arlington, VA. Available at <http://www.nsf.gov/statistics/nsf13309/>.

Westat, Inc., under NSF contract number DACS1144297, collected, processed, and tabulated the data in this report and also composed the general and technical notes. Westat senior staff who worked on this project were Lucinda (Cindy) Gray, Eric Jodts, and Timothy Smith. RTI International edited the final report and composed the tables for publication under NSF contract number NSFERS0742359. RTI staff members August Gering, Valerie Garner, Roxanne Snaauw, and Marceline Murawski performed this work.

National Center for Science and Engineering Statistics

John R. Gawalt
Director

Frederic J. Wendling
Deputy Director (Acting)

Stephen Cohen
Chief Statistician

John E. Jankowski
*Program Director, Research and Development
Statistics Program*



National Center for Science and Engineering Statistics (NCSES)

The National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230, USA
Tel: (703) 292-8780, FIRS: (800) 877-8339 | TDD: (800) 281-8749