



## Science and Engineering Research Facilities: Fiscal Year 2009

Detailed Statistical Tables | NSF 11-323 | October 2011

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### General Notes

During the production of this report, the America COMPETES Reauthorization Act of 2010 was signed into law. Section 505 of the bill renames the Division of Science Resources Statistics as the National Center for Science and Engineering Statistics (NCSSES). The Center retains its reporting line to the Directorate for Social, Behavioral and Economic Sciences within the National Science Foundation (NSF). The new name signals the central role of NCSSES in the collection, interpretation, analysis, and dissemination of objective data on the science and engineering enterprise.

The data in these tables are collected biennially through NSF's congressionally mandated Survey of Science and Engineering Research Facilities. Beginning with the FY 2003 survey, a new section focusing on computing and networking capacity was added to the survey.

The FY 2009 survey was sent to research-performing academic and nonprofit biomedical 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 2008 NSF Survey of Research and Development Expenditures at Universities and Colleges. Biomedical research institutions were independent hospitals and nonprofit biomedical organizations that received \$1 million or more in research funding from the National Institutes of Health in FY 2008. Military institutions, Veterans Administration institutions, and federally funded research and development centers were not included in the survey.

These tables provide data on the amount of science and engineering research space existing at the eligible U.S. colleges, universities, and nonprofit biomedical research institutions. 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 each institution that participated in the survey.

The FY 2007 data related to new construction and source of funds for new construction shown in the FY 2009 tables have been revised to reflect updated information from the respondent institutions. See Appendix A 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.

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TABLE 1. Science and engineering research space in academic and biomedical institutions, by field: FY 2007 and FY 2009

(Net assignable square feet in millions)

Field	FY 2007			FY 2009		
	All institutions	All academic institutions	All biomedical institutions	All institutions	All academic institutions	All biomedical institutions
All research space	210.2	187.9	22.3	217.9	196.1	21.8
Agricultural and natural resources sciences	28.0	27.9	0.1	29.6	29.5	0.1
Biological and biomedical sciences	59.5	44.8	14.7	66.1	50.3	15.8
Computer and information sciences	4.9	4.8	0.2	5.3	5.2	0.1
Engineering	28.8	28.4	0.4	30.9	30.2	0.7
Health and clinical sciences	41.5	37.0	4.5	39.9	36.3	3.6
Mathematics and statistics	1.8	1.6	0.1	1.7	1.5	0.2
Physical sciences						
Earth, atmospheric, and ocean sciences	8.6	8.4	0.1	8.1	8.0	0.1
Astronomy, chemistry, and physics	21.4	20.3	1.1	20.7	20.5	0.2
Psychology	5.3	4.9	0.4	5.7	5.2	0.5
Social sciences	6.5	6.0	0.6	5.8	5.5	0.3
Other sciences	3.8	3.7	0.2	4.2	3.9	0.3
Research animal space	20.9	17.8	3.1	21.0	18.1	2.9

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 2. Science and engineering research space in academic institutions, by field, highest degree granted, and control: FY 2009  
(Net assignable square feet in millions)

Field	All institutions	Highest degree granted		Control	
		Doctorate	Nondoctorate	Public	Private
All research space	196.1	187.8	8.3	146.0	50.1
Agricultural and natural resources sciences	29.5	28.7	0.8	28.6	0.9
Biological and biomedical sciences	50.3	48.0	2.3	33.0	17.3
Computer and information sciences	5.2	4.7	0.5	3.8	1.4
Engineering	30.2	29.3	0.9	22.9	7.3
Health and clinical sciences	36.3	35.8	0.5	25.2	11.1
Mathematics and statistics	1.5	1.3	0.2	1.0	0.5
Physical sciences					
Earth, atmospheric, and ocean sciences	8.0	7.5	0.5	6.4	1.5
Astronomy, chemistry, and physics	20.5	19.0	1.5	14.9	5.6
Psychology	5.2	4.7	0.5	3.8	1.4
Social sciences	5.5	5.1	0.4	4.0	1.5
Other sciences	3.9	3.8	0.1	2.4	1.5
Research animal space	18.1	17.6	0.5	14.2	3.9

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 3. Science and engineering research space in academic institutions, by field: FY 1988–2005

(Net assignable square feet in millions)

Field	FY 1988	FY 1990	FY 1992	FY 1994	FY 1996	FY 1998	FY 1999	FY 2001	FY 2003	FY 2005
All research space	112	116	122	127	136	143	148	155	172.7	185.1
Agricultural sciences	18	21	20	20	22	25	24	27	26.4	26.8
Biological sciences	24	27	28	28	30	31	32	33	36.0	38.5
Computer sciences	1	1	2	2	2	2	2	2	3.1	4.1
Earth, atmospheric, and ocean sciences	6	6	7	7	7	8	8	8	8.9	8.6
Engineering	16	17	18	21	22	23	24	26	27.4	28.9
Mathematics	1	1	1	1	1	1	1	1	1.5	1.6
Medical sciences	19	20	22	23	25	25	26	28	34.9	39.7
Physical sciences	16	16	16	17	18	18	19	19	20.4	21.0
Psychology	3	3	3	3	3	3	3	4	4.4	4.8
Social sciences	3	3	3	3	4	5	5	5	5.7	6.3
Other sciences	4	2	2	2	2	3	3	3	3.8	4.9
Research animal space	na	na	9	11	12	12	13	na	16.7	16.5

na = not applicable; question was not asked.

NOTES: Fields of science were updated in FY 2007 to reflect National Center for Education Statistics 2000 Classification of Instructional Programs. This table displays field name as collected in prior years. These data may not be comparable to data collected by field in FY 2007 and later years. 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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 4. Science and engineering research space in biomedical institutions, by field: FY 1999–2005  
(Net assignable square feet in millions)

Field	FY 1999	FY 2001	FY 2003	FY 2005
All research space	21.1	20.2	19.5	21.9
Agricultural sciences	0.4	0.2	0.1	0.1
Biological sciences	10.5	9.9	9.3	9.4
Computer sciences	0.1	0.1	0.2	0.2
Earth, atmospheric, and ocean sciences	0.1	0.2	0.2	0.2
Engineering	0.4	0.6	0.6	0.7
Mathematics	*	*	0.1	*
Medical sciences	8.6	7.2	7.0	8.6
Physical sciences	0.3	0.8	0.8	1.0
Psychology	0.3	0.2	0.2	0.2
Social sciences	0.4	0.9	0.7	0.9
Other sciences	*	*	0.4	0.5
Research animal space	2.6	na	2.8	2.8

\* = greater than 0, but less than 50,000. na = not applicable; question was not asked.

NOTES: Fields of science were updated in FY 2007 to reflect National Center for Education Statistics 2000 Classification of Instructional Programs. This table displays field name as collected in prior years. These data may not be comparable to data collected by field in FY 2007 and later years. 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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 5. Condition of science and engineering research space in academic institutions, by field: FY 2009

Field	NASF <sup>a</sup> (millions)	Condition (% NASF)			
		Superior	Satisfactory	Requires renovations	Requires replacement
All research space	195.8	35	44	17	4
Agricultural and natural resources sciences	29.4	20	54	22	5
Biological and biomedical sciences	50.2	39	40	17	4
Computer and information sciences	5.2	52	40	7	1
Engineering	30.2	33	46	17	4
Health and clinical sciences	36.3	42	40	16	2
Mathematics and statistics	1.5	31	58	9	1
Physical sciences					
Earth, atmospheric, and ocean sciences	7.9	32	43	20	4
Astronomy, chemistry, and physics	20.5	30	46	19	5
Psychology	5.2	32	46	18	3
Social sciences	5.5	30	53	15	2
Other sciences	3.9	51	32	10	7
Research animal space	18.1	32	50	14	4

NASF = net assignable square feet.

<sup>a</sup>NASF is the amount of NASF located at only those institutions that also rated the condition of their space. Consequently, there may be small variations in the amount of NASF in this table and the NASF amounts in other tables.

NOTES: Details may not add to totals due to rounding. Condition was assessed relative to current research program. Research animal space is listed separately and is also included in individual field totals.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 6. Condition of science and engineering research space in biomedical institutions, by field: FY 2009

Field	NASF <sup>a</sup> (millions)	Condition (% NASF)			
		Superior	Satisfactory	Requires renovations	Requires replacement
All research space	21.8	53	38	7	2
Agricultural and natural resources sciences	0.1	49	42	9	0
Biological and biomedical sciences	15.8	52	39	7	2
Computer and information sciences	0.1	31	61	8	1
Engineering	0.7	62	36	1	*
Health and clinical sciences	3.6	64	28	6	2
Mathematics and statistics	0.2	27	71	1	0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.1	8	73	18	0
Astronomy, chemistry, and physics	0.2	47	45	8	1
Psychology	0.5	19	28	38	15
Social sciences	0.3	16	82	2	0
Other sciences	0.3	45	45	10	0
Research animal space	2.9	50	41	7	2

\* = greater than 0, but less than 0.5%.

NASF = net assignable square feet.

<sup>a</sup>NASF is the amount of NASF located at only those institutions that also rated the condition of their space. Consequently, there may be small variations in the amount of NASF in this table and the NASF amounts in other tables.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 7. Science and engineering research space, by type of institution, geographic region, EPSCoR status, and IDeA status: FY 2009  
(Net assignable square feet in millions)

Type of institution	United States	Region				EPSCoR eligible states	IDeA eligible states
		Midwest	Northeast	South	West		
All academic	196.1	43.6	38.7	70.0	42.5	43.4	32.3
Doctorate granting	187.8	41.7	36.6	68.2	40.1	41.8	31.0
Nondoctorate granting	8.3	1.9	2.1	1.9	2.4	1.6	1.3
Public	146.0	36.2	15.2	55.6	37.9	39.3	30.0
Private	50.1	7.4	23.5	14.5	4.6	4.1	2.3
Medical schools	44.3	8.2	11.8	15.5	8.7	7.3	4.8
All biomedical	21.8	2.6	9.3	3.7	6.2	na	1.9
Research institutions	13.3	1.5	4.0	2.6	5.2	na	1.3
Hospitals	8.5	1.1	5.3	1.1	1.0	na	0.6

na = not applicable; eligibility for EPSCoR status does not apply to biomedical institutions.

EPSCoR = National Science Foundation's Experimental Program to Stimulate Competitive Research; IDeA = Institutional Development Award Program of the National Institutes of Health.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 8. Science and engineering research space in academic institutions, by field, geographic region, EPSCoR status, and IDeA status: FY 2009

(Net assignable square feet in millions)

Field	United States	Region				EPSCoR eligible states	IDeA eligible states
		Midwest	Northeast	South	West		
All research space	196.1	43.6	38.7	70.0	42.5	43.4	32.3
Agricultural and natural resources sciences	29.5	8.0	3.1	12.0	6.1	10.9	7.8
Biological and biomedical sciences	50.3	10.3	12.7	17.2	9.6	9.9	7.3
Computer and information sciences	5.2	1.8	1.2	1.4	0.8	0.9	0.5
Engineering	30.2	6.2	5.9	11.9	6.2	6.9	5.2
Health and clinical sciences	36.3	8.1	6.1	13.6	8.3	6.3	4.4
Mathematics and statistics	1.5	0.3	0.3	0.5	0.3	0.3	0.3
Physical sciences							
Earth, atmospheric, and ocean sciences	8.0	1.3	1.7	2.7	2.3	2.1	1.9
Astronomy, chemistry, and physics	20.5	4.7	4.6	5.9	5.2	4.0	3.2
Psychology	5.2	1.4	1.2	1.5	1.1	0.9	0.7
Social sciences	5.5	1.0	1.4	1.5	1.6	0.9	0.8
Other sciences	3.9	0.4	0.6	1.9	0.9	0.4	0.3
Research animal space	18.1	4.5	3.0	7.7	2.6	4.9	3.2

EPSCoR = National Science Foundation's Experimental Program to Stimulate Competitive Research; IDeA = Institutional Development Award Program of the National Institutes of Health.

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 the U.S. Virgin Islands are included in the national statistics and other appropriate table columns but are excluded from the geographic regions.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 9. Science and engineering research space in biomedical institutions, by field, geographic region, and IDeA status: FY 2009

(Net assignable square feet in millions)

Field	United States	Region				IDeA eligible states
		Midwest	Northeast	South	West	
All research space	21.8	2.6	9.3	3.7	6.2	1.9
Agricultural and natural resources sciences	0.1	0.0	*	*	*	*
Biological and biomedical sciences	15.8	2.0	7.0	2.5	4.4	1.5
Computer and information sciences	0.1	*	*	*	0.1	*
Engineering	0.7	*	0.4	0.1	0.2	*
Health and clinical sciences	3.6	0.5	1.2	0.8	1.2	0.3
Mathematics and statistics	0.2	0.1	*	0.1	*	*
Physical sciences						
Earth, atmospheric, and ocean sciences	0.1	0.0	*	0.0	0.1	0.0
Astronomy, chemistry, and physics	0.2	0.0	*	0.1	0.1	0.0
Psychology	0.5	*	0.4	*	0.1	0.1
Social sciences	0.3	0.0	0.1	0.1	0.1	0.0
Other sciences	0.3	*	0.1	*	0.2	*
Research animal space	2.9	0.4	0.9	0.7	0.8	0.4

\* = greater than 0, but less than 50,000.

IDeA = Institutional Development Award Program of the National Institutes of Health.

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 the U.S. Virgin Islands are included in the national statistics and other appropriate table columns but are excluded from the geographic regions.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Alabama											
Public											
AL State U.	29	0	11	4	0	0	2	9	2	2	0
Auburn U.	412	169	25	0	136	47	*	31	3	1	0
U. AL, The	184	0	33	7	66	0	0	60	8	10	0
U. AL Birmingham, The	843	0	323	1	24	466	1	17	10	1	*
U. AL Huntsville, The	239	0	15	22	116	0	5	80	1	0	0
U. South AL	146	0	79	2	16	37	*	6	2	4	0
Private											
Oakwood U.	3	0	1	0	0	0	1	2	0	0	0
Tuskegee U.	390	96	28	13	153	19	0	0	0	0	81
Alaska											
Public											
U. AK Fairbanks	336	130	89	2	31	0	0	80	1	2	0
Arizona											
Public											
AZ State U.	626	1	182	1	119	30	13	181	42	54	4
Northern AZ U.	142	14	63	0	7	6	*	43	3	7	0
U. AZ	1,701	561	143	15	131	372	6	428	20	24	0
Arkansas											
Public											
AR State U.	135	41	43	2	13	3	3	24	5	2	0
U. AR for Medical Sciences	209	0	92	0	0	117	0	0	0	0	0
U. AR Little Rock	90	0	14	7	49	0	0	13	5	0	2
U. AR main campus	999	394	126	25	214	5	11	112	18	93	0
U. AR Pine Bluff	86	12	49	3	1	*	3	12	1	6	0
U. Central AR	74	0	18	3	0	9	2	38	3	2	0
California											
Public											
CA Polytechnic State U., San Luis Obispo	160	22	40	26	61	*	1	8	*	2	0
CA State Polytechnic U., Pomona	39	9	14	*	13	0	0	1	1	2	0
CA State U., Bakersfield	20	3	6	3	*	1	2	3	2	0	0
CA State U., Chico	177	153	10	1	3	0	0	5	1	5	0
CA State U., Dominguez Hills	9	0	4	1	0	0	0	3	1	1	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
CA State U., East Bay	9	*	4	*	0	*	*	*	*	0	0
CA State U., Fresno	52	13	15	*	5	1	0	9	6	3	0
CA State U., Fullerton	131	0	30	17	42	8	0	24	2	9	0
CA State U., Long Beach	86	0	21	4	29	3	1	19	7	1	0
CA State U., Los Angeles	80	1	26	1	3	3	1	39	5	2	0
CA State U., Monterey Bay	13	2	3	1	0	*	*	3	*	*	2
CA State U., Northridge	69	0	20	4	18	6	0	13	5	3	0
CA State U., Sacramento	11	1	2	2	2	2	*	1	1	1	1
CA State U., San Bernardino	18	0	2	0	0	1	*	2	11	1	0
San Diego State U.	324	10	108	3	2	72	9	39	45	34	3
San Francisco State U.	88	0	54	*	1	1	1	25	2	3	0
San Jose State U.	155	0	34	1	95	12	1	6	*	5	0
U. CA, Berkeley	2,507	49	785	34	627	117	37	435	108	298	15
U. CA, Davis	2,660	683	830	22	275	513	15	204	37	80	0
U. CA, Irvine	1,439	0	474	71	220	274	16	265	19	70	31
U. CA, Los Angeles	2,497	0	407	38	262	984	35	441	81	143	105
U. CA, Merced	119	14	48	3	37	0	*	6	2	5	4
U. CA, Riverside	888	242	228	0	136	19	13	154	36	35	25
U. CA, San Diego	2,373	0	293	114	353	715	18	596	52	98	133
U. CA, San Francisco	1,827	0	304	0	0	1,340	0	0	0	16	167
U. CA, Santa Barbara	799	0	163	18	195	2	6	257	32	75	52
U. CA, Santa Cruz	548	0	85	14	85	0	9	266	22	45	23
Private											
C. R. Drew U. Medicine and Science	63	0	0	0	0	40	0	0	0	23	0
CA Institute of Technology	701	0	186	17	176	0	3	311	0	8	0
Claremont Graduate U.	21	0	0	1	0	12	0	0	8	0	0
Harvey Mudd C.	55	0	7	2	17	0	2	27	0	0	0
Loma Linda U.	111	0	72	0	0	31	0	0	4	4	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
Stanford U.	1,331	31	270	9	309	472	1	201	17	21	0
U. Redlands	6	0	3	0	0	0	0	3	0	0	0
U. San Francisco	21	2	4	1	0	0	1	8	4	*	0
U. Southern CA	1,055	0	247	110	150	267	*	104	35	28	113
U. of the Pacific	77	0	25	2	14	8	2	21	2	3	0
Western U. of Health Sciences	39	0	23	0	0	16	0	0	0	0	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Colorado											
Public											
CO School of Mines	184	16	0	0	133	0	4	31	0	1	0
CO State U.	889	169	148	3	198	114	6	156	13	9	72
U. CO Boulder	934	0	236	15	189	30	4	332	105	21	3
U. CO Colorado Springs	34	0	6	0	11	6	0	4	5	1	0
U. CO Denver and Health Sciences Ctr.	768	0	202	0	9	536	4	7	5	6	0
U. Northern CO	39	0	10	0	0	15	*	12	*	1	0
Private											
U. Denver	78	0	11	1	15	0	1	21	10	1	18
Connecticut											
Public											
Southern CT State U.	69	3	5	0	0	55	0	4	2	0	0
U. CT	768	105	236	7	113	162	4	93	28	21	0
Private											
U. Hartford	11	0	0	5	6	0	0	0	0	0	0
Wesleyan U.	147	1	37	1	0	0	5	48	12	42	0
Yale U.	2,013	42	180	16	114	1,153	14	238	52	72	132
Delaware											
Public											
DE State U.	203	28	14	2	119	3	4	11	3	0	18
U. DE	792	180	54	17	218	28	11	196	30	40	18
District of Columbia											
Public											
U. DC	7	0	1	2	2	0	0	2	0	0	0
Private											
American U.	109	4	8	2	0	1	6	21	11	55	1
George Washington U.	261	0	181	9	46	1	0	11	6	6	0
Georgetown U.	262	0	54	*	0	186	*	13	2	7	0
Howard U.	796	0	150	10	40	501	8	24	16	46	0
Florida											
Public											
FL A&M U.	125	22	27	14	18	23	1	4	1	15	0
FL Atlantic U.	198	11	40	2	38	63	1	23	11	9	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
FL Gulf Coast U.	11	4	3	0	4	0	0	0	*	0	0
FL International U.	233	21	37	13	42	22	0	82	11	4	0
FL State U.	675	0	188	2	55	23	0	352	44	11	0
U. Central FL	154	6	60	3	58	*	3	10	11	3	0
U. FL	3,082	1,010	565	2	533	630	13	248	44	37	0
U. North FL	45	0	6	1	16	6	0	10	4	1	0
U. South FL	757	8	42	10	89	360	1	171	27	49	0
U. West FL	33	10	9	0	0	1	0	4	3	7	0
Private											
Embry-Riddle Aeronautical U.	5	0	0	1	3	0	1	0	*	0	0
FL Institute of Technology	194	0	38	5	65	0	2	70	14	0	0
Nova Southeastern U.	80	0	0	0	0	49	0	26	5	0	0
U. Miami	667	28	161	2	36	312	4	99	19	6	0
Georgia											
Public											
Albany State U.	11	0	5	1	0	0	1	3	1	1	0
Fort Valley State U.	24	8	*	8	8	0	0	1	0	0	0
GA Institute of Technology	1,610	0	77	118	1,195	24	*	138	24	7	27
GA Southern U.	42	*	19	2	5	1	*	13	3	*	0
GA State U.	199	0	55	6	0	7	4	59	19	48	0
Medical C. GA	232	0	197	0	0	35	0	0	0	0	0
Savannah State U.	28	5	1	2	19	0	1	0	0	0	0
U. GA	3,473	1,962	493	2	121	400	1	217	40	16	219
Private											
Clark Atlanta U.	119	0	56	29	0	0	6	17	1	0	10
Emory U.	1,539	0	429	0	12	832	30	92	108	36	0
Mercer U.	145	0	0	0	112	24	0	0	0	0	9
Morehouse C.	64	10	20	6	0	0	2	15	8	3	0
Morehouse School of Medicine	85	0	68	0	0	16	0	0	2	0	0
Spelman C.	80	1	16	5	1	0	6	34	1	0	16
Hawaii											
Public											
U. HI Hilo	35	1	13	1	0	13	*	3	2	2	0
U. HI Manoa	435	24	217	0	45	40	3	97	3	6	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Idaho											
Public											
Boise State U.	69	0	23	*	20	0	3	17	4	2	0
ID State U.	107	0	35	0	11	12	2	33	3	5	7
U. ID	1,080	498	260	15	143	6	16	108	9	24	0
Illinois											
Public											
Chicago State U.	146	132	4	4	0	0	1	4	*	0	0
IL State U.	50	11	18	1	0	4	3	5	2	4	0
Northeastern IL U.	9	0	4	0	0	0	*	5	*	1	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	32	0	4	0	0	4	0	1	0	0	23
U. IL Chicago	889	*	275	12	68	414	7	83	6	6	18
U. IL Springfield	3	2	1	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	4,562	562	847	1,121	936	41	23	692	154	187	0
Western IL U.	83	2	10	1	1	3	0	37	26	3	0
Private											
Bradley U.	63	0	23	5	13	6	0	13	3	1	0
DePaul U.	75	18	17	10	0	0	0	30	0	1	0
IL Institute of Technology	93	0	9	3	59	0	1	18	3	0	0
Loyola U. Chicago	241	2	116	0	0	23	3	40	14	7	37
Midwestern U.	75	0	55	0	0	20	0	0	0	0	0
Northwestern U.	704	0	201	0	159	196	3	127	13	2	4
Rosalind Franklin U. of Medicine & Science	399	0	384	0	0	15	0	0	0	0	0
Rush U.	185	0	73	0	0	77	0	0	5	21	9
U. Chicago	1,328	0	441	5	0	566	4	217	36	49	10
Indiana											
Public											
Ball State U.	98	5	20	1	0	12	1	25	11	11	13
IN State U.	84	0	36	4	0	7	5	21	5	6	0
IN U.	1,387	0	281	17	10	535	15	365	97	67	0
Purdue U.	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

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
U. of Notre Dame	279	0	99	3	118	0	9	38	10	4	0
Iowa											
Public											
IA State U.	1,595	1,056	225	5	196	13	3	74	2	20	0
U. IA	617	0	185	1	105	228	1	75	18	3	1
U. Northern IA	252	0	90	138	0	0	0	16	2	5	1
Private											
Des Moines U.	24	0	20	0	0	2	0	0	1	1	0
Palmer C. of Chiropractic	15	0	6	7	0	3	0	0	0	0	0
Kansas											
Public											
KS State U.	1,104	253	254	20	227	91	18	185	22	35	0
Pittsburg State U.	38	1	23	0	3	0	0	5	5	0	0
U. KS	695	21	260	14	87	209	1	99	2	3	0
Wichita State U.	220	0	14	0	151	8	0	35	6	6	0
Kentucky											
Public											
KY State U.	49	36	13	0	0	0	0	0	0	0	0
Morehead State U.	25	1	8	1	8	0	0	3	4	0	0
Murray State U.	125	44	26	3	6	13	13	10	3	1	6
Northern KY U.	21	0	11	1	0	0	1	5	3	*	0
U. KY	2,087	665	436	9	285	450	3	180	19	39	0
U. Louisville	463	0	110	0	56	210	0	60	23	3	0
Western KY U.	103	5	15	7	23	0	5	46	2	0	0
Louisiana											
Public											
LA State U. and A&M C.	950	225	145	7	230	77	3	228	11	13	12
LA State U. Health Sciences											
Ctr. New Orleans	192	0	88	0	0	104	0	0	0	0	0
LA State U. Shreveport	94	0	70	1	0	19	0	0	4	0	0
LA Tech U.	174	13	15	6	106	5	5	19	*	5	0
Northwestern State U.	29	4	8	4	1	5	1	1	1	3	0
Southeastern LA U.	37	1	24	2	0	3	1	6	*	0	0
Southern U. and A&M C. Baton Rouge	178	18	20	23	65	2	6	26	2	15	0
U. LA Lafayette	537	10	465	23	17	2	6	9	6	0	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
U. LA Monroe	82	6	18	*	0	48	*	7	1	2	0
U. New Orleans	104	0	12	3	29	0	1	51	5	4	*
Private											
Dillard U.	2	0	*	0	0	1	0	*	0	0	1
Tulane U.	454	0	245	0	37	112	2	34	12	1	12
Xavier U. LA	50	0	8	1	0	30	1	9	1	0	0
Maine											
Public											
U. ME	643	277	97	9	179	0	*	59	21	1	0
U. Southern ME	42	4	19	3	2	*	*	5	*	9	0
Private											
Colby C.	55	1	23	2	0	0	0	24	2	2	0
U. New England	71	10	30	2	0	12	1	12	2	2	0
Maryland											
Public											
Morgan State U.	187	3	49	3	39	5	3	36	7	43	0
Towson U.	62	0	21	5	0	3	1	9	11	12	0
U. Baltimore	7	0	0	1	0	0	0	0	1	4	0
U. MD Baltimore	625	0	177	0	0	442	0	0	0	6	0
U. MD Baltimore County	250	5	41	24	53	1	4	77	16	21	8
U. MD Ctr. for Environmental Science	296	0	0	0	0	0	0	296	0	0	0
U. MD College Park	712	153	126	30	130	13	13	202	15	30	0
U. MD Eastern Shore	127	102	13	0	3	0	0	9	0	0	0
Private											
Johns Hopkins U.	3,007	0	541	156	1,123	205	30	119	23	11	799
Massachusetts											
Public											
U. MA Amherst	679	160	106	38	177	25	5	116	41	12	0
U. MA Boston	141	0	44	3	3	7	0	35	12	27	11
U. MA Dartmouth	116	0	14	4	32	1	2	55	4	4	1
U. MA Lowell	138	0	7	7	30	10	*	79	1	1	4
U. MA Worcester	536	0	329	0	0	167	0	0	0	0	39
Private											
Amherst C.	45	0	13	2	0	0	2	18	3	6	0
Boston C.	115	0	38	*	0	1	*	53	6	16	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

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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 sciences
Boston U.	670	0	224	7	70	212	5	131	13	7	0
Brandeis U.	177	0	114	4	0	0	1	37	14	6	1
Clark U.	41	0	17	0	0	0	2	3	9	10	0
Hampshire C.	6	1	2	1	0	0	0	2	*	0	0
Harvard U.	2,034	19	986	21	137	30	45	415	70	279	34
MA Institute of Technology	2,005	0	365	240	1,033	0	7	302	0	57	0
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.	221	0	52	6	61	33	2	41	18	6	2
Smith C.	72	0	16	1	3	0	1	37	11	3	0
Tufts U.	403	0	53	1	53	221	4	48	12	11	0
Wellesley C.	26	0	10	*	0	0	0	11	2	0	2
Williams C.	143	0	32	8	0	0	10	81	12	0	0
Woods Hole Oceanographic Institution	280	0	58	1	64	0	0	157	0	0	0
Worcester Polytechnic Institute	96	0	20	3	60	0	3	8	2	0	*
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.	2,324	1,096	487	9	185	224	13	239	24	49	0
MI Technological U.	307	40	19	5	168	2	2	40	1	7	24
Oakland U.	57	0	13	2	14	*	*	20	1	0	7
Wayne State U.	692	0	171	8	98	265	5	111	14	19	0
Western MI U.	83	0	9	2	31	*	3	33	1	3	1
Private											
Calvin C.	35	0	5	1	17	*	*	8	2	2	0
Hope C.	96	0	21	2	7	7	3	24	8	0	25
Kettering U.	37	0	11	0	16	0	0	10	0	0	0
Lawrence Tech U.	48	0	0	0	48	0	0	0	0	0	0
Minnesota											
Public											
MN State U. Mankato	6	0	0	0	6	0	0	0	0	0	0
St. Cloud State U.	50	12	8	3	4	1	4	4	4	9	0
U. MN	3,684	1,576	486	3	272	722	52	315	89	80	89
Winona State U.	28	2	10	1	2	0	0	12	*	0	0
Private											
Carleton C.	54	1	20	1	0	0	4	8	12	7	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Macalester C.	101	0	19	5	0	0	3	52	12	7	3
Northwestern Health Sciences U.	16	0	0	0	0	15	1	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.	2,129	1,056	97	11	523	216	12	116	23	75	0
U. MS	190	0	34	2	27	54	0	68	2	3	0
U. MS Medical Ctr.	135	0	124	0	0	11	0	0	0	0	0
U. Southern MS	153	10	19	6	5	3	5	94	3	9	0
Private											
Tougaloo C.	7	0	5	2	0	0	0	1	0	0	0
Missouri											
Public											
Lincoln U.	67	63	2	0	0	0	0	2	0	0	0
MO State U.	69	10	22	*	9	6	1	9	7	4	0
MO U. of Science and Technology	415	0	9	10	288	0	2	47	10	1	48
U. MO Columbia	1,409	553	172	4	149	363	6	95	28	39	0
U. MO Kansas City	615	0	65	23	32	375	3	67	17	13	20
U. MO St. Louis	128	13	20	30	0	6	1	46	11	2	0
Private											
A.T. Still U. of Health Sciences	32	0	26	0	0	5	0	0	0	0	0
Kansas City U. of Medicine and Biosciences	19	0	10	0	0	8	0	0	0	0	0
St. Louis U.	283	0	162	2	8	84	*	19	7	*	0
Washington U. St. Louis	1,154	0	350	15	50	616	*	85	17	20	0
Montana											
Public											
MT State U. Billings	2	0	2	0	0	0	0	0	0	0	0
MT State U. Bozeman	283	143	19	2	49	1	1	66	0	4	0
MT Tech of The U. MT	23	0	6	0	12	0	0	5	0	0	0
U. MT, The	255	56	78	2	0	51	2	43	4	5	12

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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 sciences
Nebraska											
Public											
U. NE Lincoln	2,214	1,111	269	31	218	118	16	382	47	24	0
U. NE Omaha	45	0	19	*	11	0	0	4	9	2	1
U. NE Medical Ctr.	558	0	223	0	0	335	0	0	0	0	0
Private											
Creighton U.	479	0	72	9	0	360	9	6	16	7	0
Nevada											
Public											
Desert Research Institute	130	6	22	12	0	0	0	87	0	3	0
U. NV, Las Vegas	182	1	47	4	53	10	*	52	6	8	0
U. NV, Reno	712	144	118	3	112	46	*	218	22	35	13
New Hampshire											
Public											
Plymouth State U.	20	2	11	2	0	1	0	2	2	0	0
U. NH	274	28	41	2	71	51	1	29	51	0	0
Private											
Dartmouth C.	347	6	114	21	26	109	2	36	18	3	14
New Jersey											
Public											
Montclair State U.	53	0	21	4	0	1	5	18	3	1	0
NJ Institute of Technology	106	0	13	8	59	0	1	26	0	*	0
Rowan U.	100	0	24	4	42	0	0	25	2	3	0
Rutgers, The State U. NJ	1,105	443	184	44	139	90	9	144	30	22	0
U. of Medicine and Dentistry NJ	758	0	743	0	0	15	0	0	0	0	0
Private											
Monmouth U.	15	1	3	1	1	0	*	1	0	0	7
Princeton U.	525	0	131	13	138	0	9	180	26	29	0
Rider U.	15	1	7	0	0	0	0	6	1	0	0
Seton Hall U.	35	0	11	*	0	0	*	17	5	2	0
Stevens Institute of Technology	327	0	5	10	220	0	12	80	0	0	0
New Mexico											
Public											
NM Highlands U.	21	2	3	0	0	2	0	14	0	0	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

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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 sciences
NM Institute of Mining and Technology	259	0	6	12	120	0	4	114	3	0	0
NM State U.	456	171	64	5	114	2	3	85	8	5	0
U. NM	450	0	122	8	102	118	2	53	7	37	0
New York											
Public											
CUNY, The City C.	378	0	56	35	194	0	1	71	0	0	21
CUNY Baruch C.	76	3	8	14	0	3	3	12	13	20	0
CUNY Brooklyn C.	59	2	13	7	0	1	*	21	10	4	*
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.	28	7	10	1	0	1	1	4	3	1	0
CUNY Hunter C.	165	0	39	3	0	1	10	42	34	37	0
CUNY Queens C.	129	0	25	8	0	10	2	52	17	17	0
CUNY York C.	33	0	12	0	0	0	0	20	1	0	0
SUNY Albany	507	0	62	4	173	13	*	69	13	73	99
SUNY Binghamton	149	0	24	10	42	2	*	31	31	6	3
SUNY Buffalo	805	0	183	17	139	270	2	110	25	38	20
SUNY Stony Brook	843	0	201	47	89	194	12	246	31	13	8
SUNY C. Buffalo	8	0	2	0	0	0	0	3	1	1	1
SUNY C. Geneseo	39	4	18	3	0	0	0	11	4	0	0
SUNY C. Old Westbury	18	0	8	0	0	0	0	9	0	0	0
SUNY C. Oswego	31	0	8	1	0	0	0	15	5	1	0
SUNY C. of Environmental Science and Forestry	132	14	43	0	42	0	0	29	0	2	0
SUNY C. of Optometry	26	0	0	0	0	*	0	0	0	0	25
SUNY Downstate Medical Ctr.	291	0	173	0	0	119	0	0	0	0	0
SUNY Upstate Medical U.	255	0	247	0	0	8	0	0	0	0	0
Private											
Albany C. of Pharmacy	24	0	4	0	0	12	0	8	0	0	0
Albany Medical C.	119	0	102	0	0	17	0	0	0	0	0
Alfred U.	111	0	16	5	69	0	3	9	5	5	0
Barnard C.	17	1	9	0	0	0	0	1	6	*	0
Clarkson U.	116	0	8	1	83	1	1	20	2	0	0
Colgate U.	106	0	24	4	0	0	3	45	13	13	5
Columbia U. in the City of New York	1,884	0	457	34	158	507	21	560	35	113	0
Cornell U.	2,232	523	927	28	169	202	4	341	10	19	10
Fordham U.	59	0	27	4	0	0	2	13	6	7	0
Hamilton C.	65	0	22	*	0	0	0	26	9	8	0
Hobart and William Smith C.	26	*	10	*	0	0	*	11	3	1	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Ithaca C.	5	0	1	0	0	3	0	0	*	0	0
Mt. Sinai School of Medicine	521	0	521	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	8	0	3	2	4	0	0	0	0	0	0
NY Medical C.	143	0	119	0	0	24	0	0	0	0	0
NY U.	583	0	461	10	0	54	10	28	13	8	0
Pace U.	14	0	5	2	0	6	0	0	2	0	0
Polytechnic U.	44	0	2	4	14	0	0	25	0	0	0
Rensselaer Polytechnic Institute	286	0	4	14	221	0	2	35	5	1	4
Rochester Institute of Technology	116	0	5	5	61	*	1	12	1	1	31
Rockefeller U., The	380	0	336	0	0	24	0	21	0	0	0
St. John's U.	103	0	25	0	0	61	0	16	1	*	0
Syracuse U.	197	0	37	4	61	0	2	66	18	10	0
Teachers C., Columbia U.	33	0	0	0	0	7	4	0	20	2	0
Union C.	112	*	19	4	34	0	3	42	5	3	1
U. Rochester	996	0	336	7	51	346	1	214	38	2	0
Vassar C.	34	0	20	1	0	0	1	7	4	*	1
Yeshiva U.	590	0	279	*	0	255	0	7	4	0	45
North Carolina											
Public											
Appalachian State U.	10	0	1	*	0	0	0	7	0	2	0
East Carolina U.	220	0	132	5	6	30	0	34	2	1	10
Elizabeth City State U.	10	0	4	1	2	0	1	3	0	0	0
Fayetteville State U.	5	*	3	0	0	0	0	2	0	1	0
NC Agricultural and Technical State U.	447	122	27	1	167	9	8	85	10	18	0
NC Central U.	69	1	36	2	0	16	*	14	0	0	0
NC State U.	2,575	1,278	361	51	503	167	35	162	12	7	0
U. NC Asheville	15	2	6	0	0	0	0	6	1	0	0
U. NC Chapel Hill	1,663	0	320	30	0	945	7	266	20	61	16
U. NC Charlotte	184	0	32	13	62	3	0	49	10	17	0
U. NC Greensboro	98	0	51	2	0	20	*	5	15	5	0
U. NC Wilmington	113	1	65	1	0	3	0	30	10	3	0
Winston-Salem State U.	139	0	60	20	0	20	0	25	2	10	2
Private											
Davidson C.	32	0	11	0	0	0	3	11	7	1	0
Duke U.	1,190	0	357	7	79	564	7	153	14	9	0
Shaw U.	26	0	3	2	2	16	0	2	0	0	0
Wake Forest U.	1,640	3	765	1	12	828	0	0	26	5	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
North Dakota											
Public											
ND State U.	631	299	66	10	105	33	8	56	29	23	1
U. ND	169	0	70	3	27	16	2	30	10	12	0
Ohio											
Public											
Bowling Green State U.	171	2	42	3	31	4	6	46	26	10	0
Central State U.	78	21	11	2	22	6	0	12	2	2	1
Cleveland State U.	69	2	19	0	23	1	*	21	2	2	0
Kent State U.	183	2	42	10	0	15	0	86	25	3	0
Miami U.	175	0	81	1	7	2	0	49	25	4	5
Northeastern OH Universities C. of Medicine	120	0	120	0	0	0	0	0	0	0	0
OH State U.	1,487	50	269	20	248	644	5	207	31	14	0
OH U.	332	2	100	7	85	49	*	65	19	5	0
U. Cincinnati	832	0	309	0	147	261	2	82	11	15	4
U. Toledo	438	29	125	0	91	94	4	69	17	10	0
Wright State U.	140	0	38	8	21	48	0	8	8	10	0
Youngstown State U.	135	0	14	13	59	4	5	32	6	2	0
Private											
Case Western Reserve U.	434	0	122	0	145	122	*	43	2	1	0
U. Dayton	234	0	5	*	228	0	*	1	*	*	0
Oklahoma											
Public											
Langston U.	94	62	25	1	0	0	1	5	0	0	0
OK State U.	771	410	49	2	141	86	*	72	9	2	0
U. OK	1,249	110	237	5	116	246	0	458	28	49	0
Private											
U. Tulsa	115	2	15	10	66	2	2	12	6	1	0
Oregon											
Public											
OR Health & Science U.	770	0	232	0	44	493	0	0	0	0	0
OR Institute of Technology	5	0	0	0	5	0	0	0	0	0	0
OR State U.	2,112	1,460	280	49	131	5	3	180	1	2	0
Portland State U.	147	4	21	7	33	1	2	51	5	21	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
U. OR	353	0	141	7	14	19	1	114	35	22	0
Private											
Lewis and Clark C.	16	0	7	*	0	0	*	6	3	0	0
Reed C.	44	0	18	0	0	0	0	19	7	0	0
Pennsylvania											
Public											
PA State U.	2,998	1,225	423	17	583	273	13	299	65	90	9
Temple U.	493	0	113	26	5	264	5	61	17	4	0
U. Pittsburgh	1,381	0	490	10	133	590	7	115	16	21	0
West Chester U. PA	58	1	14	2	0	5	12	18	3	5	0
Private											
Arcadia U.	13	1	1	0	0	3	0	3	5	0	0
Bryn Mawr C.	48	0	11	2	0	0	2	20	5	9	0
Bucknell U.	11	0	5	0	3	0	0	3	0	0	0
Carnegie Mellon U.	631	0	65	284	183	0	9	61	23	6	0
Dickinson C.	29	0	10	3	0	0	1	8	3	0	4
Drexel U.	348	1	112	9	130	37	2	42	*	2	12
Duquesne U.	375	0	76	5	0	128	5	97	15	50	0
Franklin & Marshall C.	153	0	45	4	0	0	5	64	15	20	0
Haverford C.	51	0	21	3	0	0	3	18	4	3	0
La Salle U.	4	0	0	0	0	2	0	0	*	0	2
Lafayette C.	94	0	13	3	28	0	2	9	15	17	7
Lehigh U.	205	0	27	*	123	0	0	47	7	*	0
Philadelphia C. of Osteopathic Medicine	29	0	26	0	0	3	0	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.	13	0	5	3	0	*	0	2	3	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	1,511	39	1,140	21	101	33	7	108	22	38	2
U. of the Sciences in Philadelphia	37	0	22	0	0	8	0	7	*	0	0
Villanova U.	24	0	3	1	12	3	*	3	1	1	0
Rhode Island											
Public											
U. RI	320	114	28	1	24	26	0	103	16	8	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Private											
Brown U.	470	0	197	16	68	47	14	83	28	16	0
South Carolina											
Public											
Clemson U.	753	200	129	11	310	0	0	102	1	0	0
Coastal Carolina U.	33	0	2	2	0	2	0	26	1	0	0
Medical U. SC	574	0	210	0	6	284	0	0	0	0	75
SC State U.	31	0	5	3	7	0	1	9	2	1	3
U. SC	569	8	128	21	103	94	3	157	25	31	0
Private											
Benedict C.	8	0	3	1	3	0	1	0	0	0	0
Clafin U.	26	*	12	0	*	0	0	13	0	0	0
South Dakota											
Public											
Black Hills State U.	20	0	8	0	0	0	*	7	3	1	0
SD School of Mines and Technology	69	0	2	2	43	0	0	22	0	0	0
SD State U.	275	132	29	*	36	40	0	37	1	0	0
U. SD, The	130	0	71	1	0	15	*	33	9	1	0
Private											
Sinte Gleska U.	7	2	0	2	0	*	0	3	0	0	0
Tennessee											
Public											
East TN State U.	156	3	106	0	3	31	0	8	3	1	0
Middle TN State U.	9	0	4	*	1	0	0	4	*	*	0
TN State U.	104	51	12	1	17	*	1	7	1	3	10
TN Technological U.	111	4	12	6	64	0	3	21	1	*	1
U. Memphis, The	268	0	65	54	25	25	1	56	31	11	0
U. TN	1,854	1,224	119	35	200	160	2	56	5	52	0
U. TN Chattanooga	32	0	13	1	2	4	1	3	0	7	0
U. TN Martin	20	1	14	0	0	0	1	4	0	0	0
Private											
Fisk U.	4	0	0	0	0	0	0	4	0	0	0
Meharry Medical C.	258	0	188	0	0	70	0	0	0	0	0
Vanderbilt U.	799	0	275	17	41	313	2	72	35	2	43

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Texas											
Public											
Lamar U.	124	2	17	10	44	12	2	34	4	0	0
Prairie View A&M U.	93	39	7	1	21	15	2	4	2	1	0
Sam Houston State U.	30	2	4	*	0	0	2	14	0	6	2
Stephen F. Austin State U.	149	126	3	0	0	2	0	9	8	2	0
Sul Ross State U.	17	*	17	0	0	0	0	0	0	0	0
Tarleton State U.	31	6	5	*	5	*	*	7	3	4	0
TX A&M U.	2,222	579	236	15	734	174	12	320	31	66	54
TX A&M U. Commerce	22	1	8	0	0	0	0	9	4	0	0
TX A&M U. Corpus Christi	40	2	30	3	0	0	0	3	2	*	0
TX A&M U. Kingsville	89	41	19	0	19	0	0	10	*	1	0
TX A&M U. System Health Science Ctr.	428	0	245	0	0	183	0	0	0	0	0
TX Southern U.	70	0	8	6	0	28	2	11	2	14	0
TX State U. San Marcos	113	16	21	6	19	1	1	27	0	21	0
TX Tech U.	901	221	71	26	325	0	31	173	20	33	0
TX Tech U. Health Sciences Ctr.	213	0	97	0	0	117	0	0	0	0	0
TX Woman's U.	60	0	27	*	0	9	*	7	1	*	16
U. Houston	777	9	178	23	234	72	9	221	21	9	0
U. North TX	212	6	55	23	47	6	3	60	10	2	0
U. North TX Health Science Ctr. Fort Worth	162	0	127	0	0	35	0	0	1	0	0
U. TX Arlington	360	0	60	19	157	2	3	101	15	4	0
U. TX Austin	1,480	0	197	30	497	45	17	260	45	11	379
U. TX Brownsville	27	0	9	0	8	0	0	10	0	0	0
U. TX Dallas	339	0	65	21	113	9	5	87	9	14	15
U. TX El Paso	180	1	63	8	57	8	2	32	8	1	0
U. TX San Antonio	253	4	81	15	65	4	1	57	7	20	0
U. TX Health Science Ctr. Houston	465	0	168	0	0	271	0	0	26	0	0
U. TX Health Science Ctr. San Antonio	536	0	200	0	0	336	0	0	0	0	0
U. TX M.D. Anderson Cancer Ctr.	1,070	0	1,070	0	0	0	0	0	0	0	0
U. TX Medical Branch Galveston	477	0	344	0	6	128	0	0	0	0	0
U. TX Pan American	74	1	31	2	19	9	1	6	3	1	0
U. TX of the Permian Basin	2	0	2	0	0	0	0	1	*	0	0
U. TX Southwestern Medical Ctr. Dallas	1,013	0	489	0	0	522	0	0	2	0	0
U. TX Tyler	17	0	7	3	3	1	0	2	2	0	0
West TX A&M U.	211	173	9	2	5	3	3	10	4	0	2
Private											
Baylor C. of Medicine	1,007	0	819	0	0	188	0	0	0	0	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Baylor U.	190	6	39	1	15	5	11	67	27	20	0
Rice U.	220	0	54	7	71	0	8	74	4	1	0
Southern Methodist U.	116	0	24	3	23	0	2	43	10	11	0
TX Christian U.	77	3	10	2	10	9	2	28	13	1	0
Trinity U.	97	0	27	5	16	0	3	36	7	4	0
Utah											
Public											
U. UT	1,459	0	485	66	204	428	2	238	21	13	2
UT State U.	771	392	60	3	259	1	1	40	10	6	0
Private											
Brigham Young U.	288	21	85	15	46	3	3	93	9	15	0
Vermont											
Public											
U. VT	287	34	107	2	12	101	1	17	8	2	2
Private											
Middlebury C.	46	0	15	2	0	0	*	18	7	4	0
Virginia											
Public											
C. of William and Mary	395	93	104	9	0	11	5	130	22	22	0
George Mason U.	161	16	54	31	11	3	1	21	19	7	0
James Madison U.	53	0	21	0	1	6	2	2	7	7	9
Norfolk State U.	42	0	7	2	32	0	0	*	0	0	0
Old Dominion U.	264	0	29	11	115	2	3	91	9	1	2
U. VA	1,417	0	389	13	145	610	0	193	53	15	0
VA Commonwealth U.	562	0	229	1	37	264	0	22	9	0	*
VA State U.	65	60	2	1	2	0	*	1	0	0	0
VA Tech	1,013	266	192	21	366	47	11	86	13	12	0
Private											
Eastern VA Medical School	83	0	43	0	0	40	0	0	0	0	0
Hampton U.	16	0	1	2	0	0	1	12	0	0	0
Washington											
Public											
Central WA U.	45	0	5	1	0	0	0	12	21	7	0
Eastern WA U.	171	0	35	10	31	0	9	46	24	16	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
U. WA	1,795	79	285	4	284	772	3	314	40	14	0
WA State U.	1,960	796	528	6	189	161	5	123	25	30	97
Western WA U.	104	0	17	3	14	4	1	40	9	5	11
Private											
Whitman C.	21	0	6	0	0	0	0	10	3	1	1
West Virginia											
Public											
Fairmont State U.	14	0	3	1	4	0	0	4	0	1	0
Marshall U.	158	2	79	3	9	1	4	24	0	7	30
WV State U.	11	2	4	0	0	0	*	3	1	1	0
WV U.	566	236	60	0	136	80	2	44	1	5	2
Private											
Wheeling Jesuit U.	6	1	1	0	0	0	0	4	0	0	0
Wisconsin											
Public											
U. WI Eau Claire	44	*	15	0	1	6	*	15	7	1	0
U. WI Green Bay	19	2	9	0	0	0	0	8	0	0	0
U. WI La Crosse	48	0	20	1	0	5	*	8	2	11	0
U. WI Madison	2,844	378	740	26	448	336	4	540	283	89	0
U. WI Milwaukee	433	0	72	8	87	41	4	168	24	29	0
U. WI Oshkosh	20	0	11	0	0	0	0	7	2	1	0
Private											
Marquette U.	65	0	22	2	20	4	*	14	2	0	0
Medical C. WI	517	0	485	0	0	13	0	0	19	0	0
Milwaukee School of Engineering	20	0	1	0	19	0	0	*	0	0	0
Wyoming											
Public											
U. WY	477	85	163	1	60	38	10	87	7	9	16
Guam											
Public											
U. GU	35	12	9	3	*	5	1	3	1	2	0

TABLE 10. Science and engineering research space in academic institutions, by state, control, institution, and field: FY 2009

(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 sciences
Puerto Rico											
Public											
U. PR Cayey	10	4	*	0	0	0	0	2	0	1	2
U. PR Humacao	20	0	9	0	0	0	1	10	0	0	0
U. PR Mayaguez Campus	521	323	18	8	55	*	2	113	0	2	0
U. PR Medical Sciences Campus	392	0	318	0	0	73	0	0	0	0	0
U. PR Rio Piedras Campus	152	3	50	4	0	0	3	55	20	16	0
Private											
Ponce School of Medicine	74	0	33	0	0	23	0	0	11	0	8
Universidad Central Del Caribe	16	0	16	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. Virgin Islands	22	21	1	*	0	0	0	*	0	0	0

\* = greater than 0, but less than 500.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	6	0	1	*	0	3	*	1	1	0	0
Mayo Clinic Scottsdale	106	0	85	0	0	21	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	57	0	17	6	3	23	4	0	4	0	0
Sun Health Research Institute	68	0	0	0	0	68	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	146	0	144	0	0	0	2	0	0	0	0
California											
Buck Institute for Age Research	61	0	58	3	0	0	0	0	0	0	0
Burnham Institute for Medical Research	310	0	306	0	0	0	0	4	0	0	0
CA Pacific Medical Ctr. Pacific Campus	74	0	74	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	209	0	0	0	0	209	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	82	0	80	0	0	2	0	0	0	0	0
Children's Hospital Los Angeles	137	0	120	0	0	0	0	0	0	0	17
City of Hope Beckman Research Institute	318	0	318	0	0	0	0	0	0	0	0
Doheny Eye Institute	90	0	0	0	0	90	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	69	0	69	0	0	0	0	0	0	0	0
House Ear Institute	61	8	48	2	1	2	*	0	0	0	0
Human Biomolecular Research Institute	7	0	3	*	1	3	*	1	0	0	0
Huntington Medical Research Institutes	33	0	33	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	157	0	157	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	23	0	23	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	103	0	1	2	0	100	0	0	0	0	0
La Jolla Bioengineering Institute	10	0	10	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	44	0	44	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	256	0	256	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	11	0	11	0	0	0	0	0	0	0	0
Public Health Institute	11	0	0	0	0	5	0	0	0	6	0
RAND Corp.	80	0	0	0	0	0	0	0	0	0	80
Salk Institute for Biological Studies	205	0	202	2	0	0	0	0	0	0	0
Scientific Analysis Corp.	6	0	0	0	0	0	0	0	0	6	0
Scripps Research Institute, The	988	0	988	0	0	0	0	0	0	0	0
Smith-Kettlewell Eye Research Institute	17	0	2	1	3	10	*	0	1	0	0
SRI International	449	0	118	34	132	0	0	116	0	49	0

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Torrey Pines Institute for Molecular Studies											
	62	0	55	0	0	0	0	7	0	0	0
Vaccine Research Institute of San Diego											
	12	0	12	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit											
	36	0	0	0	0	36	0	0	0	0	0
National Jewish Medical and Research Ctr.											
	144	0	37	0	0	104	0	0	4	0	0
Connecticut											
Hartford Hospital											
	40	0	3	0	0	2	0	0	30	0	5
Haskins Labs.											
	10	0	5	0	0	0	0	0	5	0	0
Delaware											
Alfred I. duPont Hospital for Children											
	55	9	44	0	1	1	*	0	0	0	0
District of Columbia											
Carnegie Institution of Washington											
	36	0	36	0	0	0	0	0	0	0	0
Children's National Medical Ctr.											
	87	0	82	0	0	5	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution											
	8	0	8	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute											
	197	0	184	0	0	0	1	5	0	7	0
Jaeb Ctr. for Health Research, Inc.											
	19	0	0	0	0	19	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus											
	85	0	75	0	0	10	0	0	0	0	0
Mt. Sinai Medical Ctr.											
	37	0	28	0	2	7	0	0	0	0	0
Hawaii											
Pacific Health Research Institute											
	2	0	1	1	0	0	0	0	0	0	0
Queen's Medical Ctr.											
	10	0	7	0	0	4	0	0	0	0	0
Illinois											
American Dental Association Foundation											
	10	0	1	*	9	*	0	0	0	0	0
Children's Memorial Hospital											
	65	0	48	0	0	17	0	0	0	0	0
NorthShore U. HealthSystem											
	104	0	104	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago											
	21	0	18	0	3	1	0	0	0	0	0
Indiana											
Memorial Hospital South Bend											
	2	0	0	0	0	2	0	0	0	0	0

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Kansas											
Via Christi Regional Medical Ctr. St. Francis Campus	13	0	0	0	3	10	0	0	0	0	0
Louisiana											
Children's Hospital	23	0	20	1	0	1	0	0	0	0	0
Ochsner Clinic Foundation	35	0	30	0	0	5	0	0	0	0	0
Maine											
Jackson Lab.	187	0	187	0	0	0	0	0	0	0	0
ME Medical Ctr.	95	0	81	0	0	8	0	0	7	0	0
Mt. Desert Island Biological Lab.	21	0	21	0	0	0	0	0	0	0	0
Maryland											
Friends Research Institute, Inc.	8	0	5	*	0	0	*	0	*	3	0
J. Craig Venter Institute	138	0	138	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	115	0	0	0	0	115	0	0	0	0	0
Medstar Health Research Institute	58	0	0	3	0	54	1	0	0	0	0
Pacific Institute for Research and Evaluation	14	0	0	0	0	0	0	0	2	7	4
Massachusetts											
Beth Israel Deaconess Medical Ctr.	408	0	408	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	35	0	35	0	0	0	0	0	0	0	0
Boston Medical Ctr.	195	0	0	0	0	195	0	0	0	0	0
Brigham and Women's Hospital	822	0	822	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	377	0	16	0	361	0	0	0	0	0	0
Children's Hospital Boston	344	0	294	3	0	45	0	0	1	0	0
Dana-Farber Cancer Institute	298	0	298	0	0	0	0	0	0	0	0
Forsyth Institute	73	0	73	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	65	0	0	0	0	65	0	0	0	0	0
Hebrew Senior Life	13	0	0	0	0	7	0	0	0	6	0
Immune Disease Institute/CBR Institute for Biomedical Research	73	0	73	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	83	0	83	0	0	0	0	0	0	0	0
Marine Biological Lab.	88	19	64	4	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	87	0	20	0	2	65	0	0	0	0	0
MA General Hospital	1,099	0	1,070	9	20	0	0	0	0	0	0

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
McLean Hospital	79	0	0	0	0	79	0	0	0	0	0
National Bureau of Economic Research	11	0	0	0	0	0	0	0	0	11	0
Schepens Eye Research Institute	84	0	81	0	2	*	0	0	0	0	1
Tufts-New England Medical Ctr.	205	0	0	0	0	205	0	0	0	0	0
Whitehead Institute for Biomedical Research	197	0	197	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	297	0	260	0	0	3	33	0	0	0	0
Van Andel Research Institute	49	0	49	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	39	0	36	0	0	3	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	2	0	1	*	0	1	*	0	0	0	0
Mayo Clinic MN Campus	714	0	635	13	22	15	27	0	2	0	0
Minneapolis Medical Research Foundation	60	0	0	0	0	60	0	0	0	0	0
Missouri											
Children's Mercy Hospital	70	0	37	*	0	32	*	0	*	0	0
Stowers Institute for Medical Research	184	0	184	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	26	0	26	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	91	0	87	5	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	24	0	24	*	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	11	0	0	0	2	7	0	0	2	0	0
New Mexico											
Lovelace Respiratory Research Institute	420	0	419	*	0	0	0	0	0	0	0
Mind Research Network, The	25	0	0	0	0	0	0	0	0	0	25
New York											
Aaron Diamond AIDS Research Ctr.	13	0	13	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	4	0	0	0	0	3	0	0	2	0	0

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Cold Spring Harbor Lab.	158	19	132	7	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	395	0	185	0	0	0	0	0	210	0	0
Hauptman-Woodward Medical Research Institute	48	0	40	8	0	0	0	0	0	0	0
Hospital for Special Surgery	51	0	51	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	117	0	104	0	0	0	0	0	13	0	0
Ludwig Institute for Cancer Research	26	0	26	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	47	0	0	0	0	47	0	0	0	0	0
National Development and Research Institutes, Inc.	44	0	0	0	0	0	0	0	0	44	0
NY Blood Ctr.	72	0	62	0	0	0	0	0	0	10	0
NY State Psychiatric Institute	133	0	53	2	0	50	1	0	16	11	0
NY Structural Biology Ctr.	45	*	38	0	2	0	0	4	0	0	0
Ordway Research Institute, Inc.	64	0	64	0	0	0	0	0	0	0	0
Population Council	32	0	32	0	0	0	0	0	0	0	0
Riverside Research Institute	8	0	0	0	8	0	0	0	0	0	0
Roswell Park Cancer Institute	430	0	241	2	0	77	10	0	*	0	100
Sloan-Kettering Institute for Cancer Research	416	0	416	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	104	0	35	0	0	66	0	0	3	0	0
Trudeau Institute, Inc.	48	0	48	0	0	0	0	0	0	0	0
Wadsworth Ctr.	389	0	352	*	1	5	1	30	0	0	0
Winifred Masterson Burke Medical Research Institute	43	0	43	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	125	0	0	0	0	90	0	0	0	35	0
Hamner Institutes, The	81	0	81	0	0	0	0	0	0	0	0
RTI International	261	0	56	0	47	8	96	28	0	25	0
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	510	0	193	0	0	305	0	0	13	0	0
	200	0	190	0	0	7	0	0	3	0	0
Oklahoma											
OK Medical Research Foundation	297	0	288	3	0	7	0	0	0	0	0

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	45	0	15	7	0	7	7	0	7	2	0
Legacy Emanuel Hospital and Health Ctr.	44	0	13	0	2	29	0	0	0	0	0
OR Research Institute	32	0	0	0	0	0	0	0	32	0	0
OR Social Learning Ctr., Inc.	23	0	3	0	0	0	0	0	20	0	0
Providence Portland Medical Ctr.	37	0	37	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	70	0	70	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	404	0	404	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	180	0	180	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	205	0	205	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	52	0	48	0	0	4	0	0	0	0	0
Monell Chemical Senses Ctr.	69	7	47	0	0	0	0	6	9	0	0
Weis Ctr. For Research Geisinger Clinic	43	0	30	0	0	13	0	0	0	0	0
Wistar Institute	88	0	88	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	27	0	0	0	0	27	0	0	0	0	0
Miriam Hospital	60	0	0	0	0	15	0	0	45	0	0
RI Hospital	170	0	0	0	0	148	0	0	22	0	0
Roger Williams Medical Ctr.	59	0	48	0	0	11	0	0	0	0	0
Women & Infants Hospital	58	0	0	0	0	44	0	0	14	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	8	0	0	0	0	8	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	485	0	229	0	0	191	0	55	10	0	0
Texas											
Baylor Research Institute	137	0	73	0	0	58	0	0	0	0	5
Scott & White Memorial Hospital	264	0	200	3	0	60	*	0	1	0	0
Southwest Foundation for Biomedical Research	347	0	347	0	0	0	0	0	0	0	0
TX Heart Institute	59	0	55	0	2	0	2	0	0	0	0

TABLE 11. Science and engineering research space in biomedical institutions, by state, institution, and field: FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Utah											
UT Artificial Heart Institute	11	0	0	0	11	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	20	0	0	0	0	1	0	0	1	15	3
Benaroya Research Institute at Virginia Mason	48	0	48	0	0	0	0	0	0	0	0
Ctr. for Health Studies	58	0	0	0	0	0	0	0	0	0	58
Fred Hutchinson Cancer Research Ctr.	587	0	204	0	0	384	0	0	0	0	0
Infectious Disease Research Institute	25	0	24	*	0	0	0	0	0	0	0
Institute for Systems Biology	49	0	48	1	0	0	0	0	0	0	0
Pacific Northwest Research Institute	31	0	30	0	0	1	0	0	0	0	0
Puget Sound Blood Ctr.	23	0	22	0	0	1	0	0	0	0	0
Seattle Biomedical Research Institute	50	0	50	0	0	0	0	0	0	0	0
Seattle Children's Hospital	199	0	164	0	0	32	0	0	3	0	0
Swedish Medical Ctr./First Hill	27	0	13	0	0	14	0	0	0	0	0
Wisconsin											
BloodCenter of WI	100	0	85	0	0	15	0	0	0	0	0
Marshfield Clinic	47	0	30	0	0	10	0	0	0	0	8

\* = greater than 0, but less than 500.

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 12. New construction of science and engineering research space, by type of institution and time of construction: FY 2004–11

(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		Planned to start in FY 2010 or FY 2011	
	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF
	All academic	164	10.1	162	8.8	171	9.9	136
Doctorate granting	145	9.4	140	8.4	140	9.4	115	9.6
Nondoctorate granting	19	0.7	22	0.4	31	0.5	21	0.8
Public	122	7.8	120	6.5	129	7.4	112	8.8
Private	42	2.3	42	2.3	43	2.5	24	1.6
Medical schools	38	2.7	34	2.5	36	2.5	30	2.9
All biomedical	32	1.4	35	2.2	17	0.6	19	0.4
Research institutions	22	0.6	21	1.0	15	0.5	14	0.4
Hospitals	11	0.7	14	1.2	2	0.1	5	*

\* = greater than 0, but less than 50,000.

NASF = net assignable square feet.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 13. New construction of science and engineering research space in academic institutions, by field and time of construction: FY 2006–11  
(Net assignable square feet in millions)

Field	Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Planned to start in FY 2010 or FY 2011	
	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF
All research space	162	8.8	171	9.9	136	10.3
Agricultural and natural resources sciences	30	0.5	26	0.4	28	0.6
Biological and biomedical sciences	87	2.9	79	3.5	64	3.4
Computer and information sciences	16	0.6	16	0.3	12	0.3
Engineering	50	1.3	56	2.1	47	1.7
Health and clinical sciences	38	1.7	63	1.9	34	2.4
Mathematics and statistics	3	*	1	*	2	*
Physical sciences						
Earth, atmospheric, and ocean sciences	11	0.3	13	0.1	16	0.3
Astronomy, chemistry, and physics	42	0.7	40	0.9	32	0.7
Psychology	8	0.1	14	0.3	8	0.3
Social sciences	8	0.1	10	0.2	2	*
Other sciences	15	0.7	17	0.3	14	0.6
Research animal space	54	1.0	64	0.8	45	0.6

\* = greater than 0, but less than 50,000.

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 14. New construction of science and engineering research space in biomedical institutions, by field and time of construction: FY 2006–11  
(Net assignable square feet in millions)

Field	Started in FY 2006 or FY 2007		Started in FY 2008 or FY 2009		Planned to start in FY 2010 or FY 2011	
	Number of institutions	Total NASF	Number of institutions	Total NASF	Number of institutions	Total NASF
All research space	35	2.2	17	0.6	19	0.4
Agricultural and natural resources sciences	1	*	1	*	0	0.0
Biological and biomedical sciences	30	2.1	15	0.5	15	0.3
Computer and information sciences	1	*	0	0.0	0	0.0
Engineering	0	0.0	1	*	0	0.0
Health and clinical sciences	2	*	2	*	2	*
Mathematics and statistics	0	0.0	0	0.0	0	0.0
Physical sciences						
Earth, atmospheric, and ocean sciences	0	0.0	0	0.0	0	0.0
Astronomy, chemistry, and physics	3	*	0	0.0	0	0.0
Psychology	1	*	0	0.0	2	0.1
Social sciences	0	0.0	0	0.0	0	0.0
Other sciences	1	*	0	0.0	1	*
Research animal space	22	0.3	7	0.1	7	0.1

\* = greater than 0, but less than 50,000.

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 15. New construction of science and engineering research space in academic institutions, by field and geographic region:  
 Started in FY 2008 or FY 2009

(Net assignable square feet in millions)

Field	United States	Midwest	Northeast	South	West
All research space	9.9	1.3	2.4	4.9	1.3
Agricultural and natural resources sciences	0.4	0.1	0.1	0.1	0.1
Biological and biomedical sciences	3.5	0.5	1.1	1.3	0.5
Computer and information sciences	0.3	0.1	*	0.2	0.0
Engineering	2.1	0.1	0.3	1.4	0.2
Health and clinical sciences	1.9	0.1	0.6	0.9	0.3
Mathematics and statistics	*	0.0	*	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.1	0.1	*	*	*
Astronomy, chemistry, and physics	0.9	0.2	0.1	0.5	0.1
Psychology	0.3	0.0	*	0.2	0.1
Social sciences	0.2	*	*	0.1	*
Other sciences	0.3	*	0.1	0.1	0.1
Research animal space	0.8	0.1	0.2	0.3	0.1

\* = greater than 0, but less than 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 the U.S. Virgin Islands are included in the national statistics but are excluded from the geographic regions.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 16. New construction of science and engineering research space in biomedical institutions, by field and geographic region:  
 Started in FY 2008 or FY 2009

(Net assignable square feet in millions)

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

\* = greater than 0, but less than 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 the U.S. Virgin Islands are included in the national statistics but are excluded from the geographic regions.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
<b>Alabama</b>											
Public											
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U.	75	5	0	0	69	0	0	0	0	0	0
U. AL, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Birmingham, The	18	0	0	0	0	18	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. South AL	27	0	0	8	19	0	0	0	0	0	0
Private											
Oakwood U.	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
<b>Alaska</b>											
Public											
U. AK Fairbanks	0	0	0	0	0	0	0	0	0	0	0
<b>Arizona</b>											
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	9	9	0	0	0	0	0	0	0	0	0
<b>Arkansas</b>											
Public											
AR State U.	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	57	0	0	0	0	57	0	0	0	0	0
U. AR Little Rock	18	0	0	9	9	0	0	0	0	0	0
U. AR main campus	47	0	0	0	23	0	0	23	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
<b>California</b>											
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	1	0	0	0	0	1	0	*	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
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	19	0	8	0	0	0	0	11	0	0	0
CA State U., Los Angeles	19	0	6	0	0	0	0	13	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
San Diego State U.	0	0	0	0	0	0	0	0	0	0	0
San Francisco State U.	9	0	9	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	116	0	102	0	2	*	0	0	7	0	4
U. CA, Davis	0	0	0	0	0	0	0	0	0	0	0
U. CA, Irvine	44	0	25	0	0	19	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	95	0	0	0	25	37	0	33	0	0	0
U. CA, San Diego	0	0	0	0	0	0	0	0	0	0	0
U. CA, San Francisco	124	0	46	0	0	51	0	0	0	0	28
U. CA, Santa Barbara	13	0	0	0	13	0	0	0	0	0	0
U. CA, Santa Cruz	55	0	14	0	10	0	0	17	0	0	15
Private											
C. R. Drew U. Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
CA Institute of Technology	36	0	0	0	36	0	0	0	0	0	0
Claremont Graduate U.	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.	9	0	0	0	0	9	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.	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
Stanford U.	134	0	84	0	10	0	0	40	0	0	0
U. Redlands	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	31	0	0	0	0	31	0	0	0	0	0
U. of the Pacific	12	0	0	0	12	0	0	0	0	0	0
Western U. of Health Sciences	14	0	14	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Colorado											
Public											
CO School of Mines	0	0	0	0	0	0	0	0	0	0	0
CO State U.	46	2	0	0	0	4	0	0	0	0	40
U. CO Boulder	NA	0	0	0	0	0	0	0	NA	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Health Sciences Ctr.	99	0	0	0	0	99	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											
Southern CT State U.	0	0	0	0	0	0	0	0	0	0	0
U. CT	0	0	0	0	0	0	0	0	0	0	0
Private											
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.	25	0	1	0	0	5	0	0	0	19	0
Delaware											
Public											
DE State U.	0	0	0	0	0	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.	25	0	0	0	0	0	0	0	0	25	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.	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.	171	0	0	0	171	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
FL Gulf Coast U.	10	7	2	1	0	0	0	0	0	0	0
FL International U.	17	0	4	0	0	4	0	8	0	0	0
FL State U.	204	0	48	0	19	32	0	60	44	0	0
U. Central FL	234	0	106	0	0	62	0	66	0	0	0
U. FL	75	22	28	0	0	25	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	67	0	12	0	3	5	0	48	0	0	0
U. West FL	22	0	0	6	8	0	0	7	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	18	0	5	0	5	0	0	0	8	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0
U. Miami	10	0	10	0	0	0	0	0	0	0	0
Georgia											
Public											
Albany State U.	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	75	7	60	0	0	0	0	0	0	0	8
GA Institute of Technology	7	0	0	0	0	0	0	0	0	0	7
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	94	0	39	0	0	2	0	16	25	0	13
Medical C. GA	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	43	11	0	0	0	25	0	7	0	0	0
Private											
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	146	0	0	0	0	8	0	0	61	78	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
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	6	0	2	0	0	4	0	0	0	0	0
U. HI Manoa	23	0	23	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
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	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
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northeastern IL 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	0	0	0	0	0	0	0	0	0	0	0
U. IL Springfield	2	2	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	84	0	0	84	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.	90	0	89	0	0	1	0	0	0	0	0
Northwestern U.	0	0	0	0	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine & 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
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.	13	0	0	0	0	13	0	0	0	0	0
Purdue U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

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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 sciences
U. of Notre Dame	43	0	0	0	0	43	0	0	0	0	0
Iowa											
Public											
IA State U.	97	16	7	0	14	0	0	60	0	0	0
U. IA	140	0	120	0	16	4	0	0	0	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	17	17	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	4	0	0	0	0	4	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
KY State U.	11	11	0	0	0	0	0	0	0	0	0
Morehead State U.	9	0	0	0	8	0	0	1	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	30	0	2	0	8	20	0	0	0	0	0
U. Louisville	0	0	0	0	0	0	0	0	0	0	0
Western KY U.	11	0	2	4	0	0	0	5	0	0	0
Louisiana											
Public											
LA State U. and A&M C.	14	0	14	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. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	21	0	0	21	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

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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 sciences
U. LA Monroe	5	0	0	0	0	5	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.	27	0	27	0	0	0	0	0	0	0	0
Xavier U. LA	9	0	0	0	0	9	0	0	0	0	0
Maine											
Public											
U. ME	33	18	0	0	16	0	0	0	0	0	0
U. Southern ME	1	0	0	0	0	0	0	0	0	1	0
Private											
Colby C.	0	0	0	0	0	0	0	0	0	0	0
U. New England	12	0	0	0	0	12	0	0	0	0	0
Maryland											
Public											
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Towson U.	21	0	0	0	0	0	0	0	21	0	0
U. Baltimore	3	0	0	0	0	0	0	0	0	3	0
U. MD Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD Baltimore County	0	0	0	0	0	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	1	0	0	0	0	0	0	1	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.	297	0	4	39	254	0	0	0	0	0	0
Massachusetts											
Public											
U. MA Amherst	167	19	35	5	35	70	0	0	3	0	0
U. MA Boston	0	0	0	0	0	0	0	0	0	0	0
U. MA Dartmouth	0	0	0	0	0	0	0	0	0	0	0
U. MA Lowell	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	36	0	0	0	0	36	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

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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 sciences
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
Hampshire C.	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	0	0	0	0	0	0	0	0	0	0	0
MA Institute of Technology	238	0	97	0	97	0	0	0	0	0	44
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.	22	0	6	4	6	0	0	6	0	0	0
Tufts U.	27	0	12	0	0	16	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	0	0	0	0	3	0	0	0	0	0
MI State U.	33	0	0	0	10	0	0	23	0	0	0
MI Technological U.	7	0	0	0	7	0	0	0	0	0	0
Oakland U.	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.	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.	5	0	0	0	0	0	0	0	0	0	5
Lawrence Tech U.	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	73	0	0	0	5	40	0	28	0	0	0
Winona State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Macalester C.	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.	13	13	0	0	0	0	0	0	0	0	0
U. MS	8	0	0	0	0	8	0	1	0	0	0
U. MS Medical Ctr.	0	0	0	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
Missouri											
Public											
Lincoln U.	0	0	0	0	0	0	0	0	0	0	0
MO State U.	0	0	0	0	0	0	0	0	0	0	0
MO U. of Science and Technology	0	0	0	0	0	0	0	0	0	0	0
U. MO Columbia	11	0	0	0	0	11	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
Kansas City U. of Medicine and Biosciences	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	1	0	46	0	0	0	0	0	0
Montana											
Public											
MT State U. Billings	0	0	0	0	0	0	0	0	0	0	0
MT State U. Bozeman	9	9	0	0	0	0	0	0	0	0	0
MT Tech of The U. MT	1	0	0	0	1	0	0	0	0	0	0
U. MT, The	17	0	17	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Nebraska											
Public											
U. NE Lincoln	81	0	0	0	0	4	0	60	0	17	0
U. NE Omaha	0	0	0	0	0	0	0	0	0	0	0
U. NE Medical Ctr.	9	0	4	0	0	5	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	0	0	0	0	0	0	0	0	0	0	0
U. NV, Reno	30	0	11	0	0	19	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	28	7	0	0	14	0	0	7	0	0	0
Private											
Dartmouth C.	187	0	187	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	53	0	7	0	0	42	0	4	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.	0	0	0	0	0	0	0	0	0	0	0
Rider U.	0	0	0	0	0	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

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
NM Institute of Mining and Technology	10	0	0	0	10	0	0	0	0	0	0
NM State U.	2	2	0	0	0	0	0	0	0	0	0
U. NM	0	0	0	0	0	0	0	0	0	0	0
New York											
Public											
CUNY, The City C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn 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.	61	4	30	0	0	3	0	9	8	8	0
CUNY Hunter C.	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
CUNY York C.	0	0	0	0	0	0	0	0	0	0	0
SUNY Albany	0	0	0	0	0	0	0	0	0	0	0
SUNY Binghamton	68	0	1	0	38	0	0	0	27	0	2
SUNY Buffalo	177	0	0	0	13	164	0	0	0	0	0
SUNY Stony Brook	43	0	3	0	20	0	9	11	*	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
SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Oswego	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 Downstate Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
SUNY Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	3	0	3	0	0	0	0	0	0	0	0
Albany Medical C.	15	0	15	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.	1	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	110	3	38	0	1	8	0	58	1	1	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 C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	234	0	234	0	0	0	0	0	0	0	0
New School, The	4	0	0	0	0	0	0	0	4	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.	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	13	0	0	0	13	0	0	0	0	0	0
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U., The	22	0	22	0	0	0	0	0	0	0	0
St. John's U.	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.	9	0	0	0	0	0	0	0	0	0	9
U. Rochester	158	0	0	0	0	158	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.	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.	2	0	0	0	0	2	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	355	0	0	0	0	355	0	0	0	0	0
U. NC Charlotte	137	0	0	0	137	0	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	6	0	0	1	0	5	0	0	0	0	0
Winston-Salem State U.	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.	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

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
North Dakota											
Public											
ND State U.	61	61	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.	0	0	0	0	0	0	0	0	0	0	0
Central State U.	15	0	8	0	0	0	0	7	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
Northeastern OH Universities C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
OH State U.	0	0	0	0	0	0	0	0	0	0	0
OH U.	21	0	11	0	11	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.	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
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.	159	0	60	0	0	0	0	35	0	0	64
U. OK	229	0	95	0	0	56	0	78	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	2	0	2	0	0	0	0	0	0	0	0
OR Institute of Technology	0	0	0	0	0	0	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

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. OR	0	0	0	0	0	0	0	0	0	0	0
Private											
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
PA State U.	125	0	52	0	73	0	0	0	0	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh	15	0	0	0	15	0	0	0	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Arcadia U.	0	0	0	0	0	0	0	0	0	0	0
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.	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.	17	0	15	0	0	0	0	0	0	0	1
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
La Salle U.	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.	21	0	0	0	6	0	0	15	0	0	0
Philadelphia C. of Osteopathic Medicine	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	308	0	308	0	0	0	0	0	0	0	0
U. of the Sciences in 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
Rhode Island											
Public											
U. RI	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Private											
Brown 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
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	114	0	32	0	14	57	0	0	0	0	11
SC State U.	5	0	3	0	0	0	0	2	0	0	0
U. SC	1	0	0	0	0	0	0	1	0	0	0
Private											
Benedict C.	0	0	0	0	0	0	0	0	0	0	0
Claflin 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	93	0	0	0	0	0	0	93	0	0	0
SD State U.	45	16	0	0	0	9	0	19	0	0	0
U. SD, The	0	0	0	0	0	0	0	0	0	0	0
Private											
Sinte Gleska U.	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.	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	0	0	0	0	0	0	0	0	0	0	0
U. TN	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 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.	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

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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 sciences
Texas											
Public											
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.	2	0	0	0	0	2	0	0	0	0	0
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	16	16	0	0	0	0	0	0	0	0	0
TX A&M U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	3	0	3	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	146	0	79	0	0	66	0	0	0	0	0
TX Southern U.	0	0	0	0	0	0	0	0	0	0	0
TX State U. San Marcos	2	0	0	0	0	2	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.	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	6	0	0	0	2	0	0	4	0	0	0
U. North TX	63	1	48	0	0	0	0	0	0	0	14
U. North TX Health Science Ctr. Fort Worth	0	0	0	0	0	0	0	0	0	0	0
U. TX Arlington	111	0	0	33	61	0	0	18	0	0	0
U. TX Austin	0	0	0	0	0	0	0	0	0	0	0
U. TX Brownsville	19	0	19	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	62	0	0	16	0	15	0	31	0	0	0
U. TX San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. Houston	92	0	92	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	132	0	132	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 Galveston	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 of the Permian Basin	30	0	9	0	0	0	0	21	0	0	0
U. TX Southwestern Medical Ctr. Dallas	300	0	300	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	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Baylor U.	4	0	0	0	0	0	0	4	0	0	0
Rice U.	35	0	0	0	16	0	0	18	0	0	0
Southern Methodist U.	4	0	0	2	2	0	0	0	0	0	0
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	131	0	80	0	26	0	0	5	0	8	11
UT State U.	115	50	0	0	35	0	0	0	30	0	0
Private											
Brigham Young U.	0	0	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	126	20	34	0	0	72	0	0	0	0	0
Private											
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0
Virginia											
Public											
C. of William and Mary	8	0	0	0	0	0	0	8	0	0	0
George Mason U.	19	0	19	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.	32	0	12	0	13	7	0	0	0	0	0
U. VA	109	0	50	30	0	10	0	20	0	0	0
VA Commonwealth U.	10	0	1	0	0	9	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
VA Tech	81	0	0	0	23	58	0	0	0	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	10	0	0	0	0	1	0	6	0	0	3
Washington											
Public											
Central WA U.	3	0	0	0	3	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. WA	32	0	32	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.	2	0	1	0	0	0	0	1	0	0	0
Private											
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Fairmont State U.	0	0	0	0	0	0	0	0	0	0	0
Marshall U.	1	0	0	0	0	0	0	0	0	1	0
WV State U.	0	0	0	0	0	0	0	0	0	0	0
WV U.	0	0	0	0	0	0	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	265	0	265	0	0	0	0	0	0	0	0
U. WI Milwaukee	0	0	0	0	0	0	0	0	0	0	0
U. WI Oshkosh	0	0	0	0	0	0	0	0	0	0	0
Private											
Marquette U.	35	0	0	0	35	0	0	0	0	0	0
Medical C. WI	0	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
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 17. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009  
(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 sciences
Puerto Rico											
Public											
U. PR Cayey	0	0	0	0	0	0	0	0	0	0	0
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	2	0	0	0	0	2	0	0	0	0	0
U. PR Rio Piedras Campus	38	0	38	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
Virgin Islands											
Public											
U. Virgin Islands	0	0	0	0	0	0	0	0	0	0	0

\* = greater than 0, but less than 500. NA = not available; data were not provided by institution.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Scottsdale	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	0	0	0	0	0	0	0	0	0	0	0
California											
Buck Institute for Age Research	0	0	0	0	0	0	0	0	0	0	0
Burnham Institute for Medical Research	83	0	83	0	0	0	0	0	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	0	0	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Los Angeles	0	0	0	0	0	0	0	0	0	0	0
City of Hope Beckman Research Institute	30	0	30	0	0	0	0	0	0	0	0
Doheny Eye Institute	0	0	0	0	0	0	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
House Ear Institute	0	0	0	0	0	0	0	0	0	0	0
Human Biomolecular Research Institute	0	0	0	0	0	0	0	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	0	0	0	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	0	0	0	0	0	0	0	0	0	0	0
La Jolla Bioengineering Institute	0	0	0	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	8	0	8	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	15	0	15	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Public Health Institute	0	0	0	0	0	0	0	0	0	0	0
RAND Corp.	0	0	0	0	0	0	0	0	0	0	0
Salk Institute for Biological Studies	0	0	0	0	0	0	0	0	0	0	0
Scientific Analysis Corp.	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
Smith-Kettlewell Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
SRI International	6	0	6	0	0	0	0	0	0	0	0

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Torrey Pines Institute for Molecular Studies	0	0	0	0	0	0	0	0	0	0	0
Vaccine Research Institute of San Diego	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit	0	0	0	0	0	0	0	0	0	0	0
National Jewish Medical and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Hartford Hospital	0	0	0	0	0	0	0	0	0	0	0
Haskins Labs.	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Alfred I. duPont Hospital for Children	0	0	0	0	0	0	0	0	0	0	0
District of Columbia											
Carnegie Institution of Washington	0	0	0	0	0	0	0	0	0	0	0
Children's National Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution	0	0	0	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute	0	0	0	0	0	0	0	0	0	0	0
Jaeb Ctr. for Health Research, Inc.	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Pacific Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Queen's Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Illinois											
American Dental Association Foundation	0	0	0	0	0	0	0	0	0	0	0
Children's Memorial Hospital	0	0	0	0	0	0	0	0	0	0	0
NorthShore U. HealthSystem	0	0	0	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago	0	0	0	0	0	0	0	0	0	0	0
Indiana											
Memorial Hospital South Bend	0	0	0	0	0	0	0	0	0	0	0

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Kansas											
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Ochsner Clinic Foundation	0	0	0	0	0	0	0	0	0	0	0
Maine											
Jackson Lab.	0	0	0	0	0	0	0	0	0	0	0
ME Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Mt. Desert Island Biological Lab.	0	0	0	0	0	0	0	0	0	0	0
Maryland											
Friends Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	34	0	0	0	0	34	0	0	0	0	0
Medstar Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Massachusetts											
Beth Israel Deaconess Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Brigham and Women's Hospital	0	0	0	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	58	0	16	0	43	0	0	0	0	0	0
Children's Hospital Boston	0	0	0	0	0	0	0	0	0	0	0
Dana-Farber Cancer Institute	45	0	45	0	0	0	0	0	0	0	0
Forsyth Institute	0	0	0	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	0	0	0	0	0	0	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0	0	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0	0	0	0	0	0	0
Marine Biological Lab.	1	0	1	0	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	0	0	0	0	0	0	0	0	0	0	0
MA General Hospital	0	0	0	0	0	0	0	0	0	0	0

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
McLean Hospital	0	0	0	0	0	0	0	0	0	0	0
National Bureau of Economic Research	0	0	0	0	0	0	0	0	0	0	0
Schepens Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
Tufts-New England Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Whitehead Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	0	0	0	0	0	0	0	0	0	0	0
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic MN Campus	0	0	0	0	0	0	0	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Children's Mercy Hospital	0	0	0	0	0	0	0	0	0	0	0
Stowers Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	15	0	15	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	172	0	172	0	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
New Mexico											
Lovelace Respiratory Research Institute	0	0	0	0	0	0	0	0	0	0	0
Mind Research Network, The	0	0	0	0	0	0	0	0	0	0	0
New York											
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Cold Spring Harbor Lab.	3	3	0	0	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	0	0	0	0	0	0	0	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0	0	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0	0	0	0	0	0	0
NY Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
NY State Psychiatric Institute	0	0	0	0	0	0	0	0	0	0	0
NY Structural Biology Ctr.	0	0	0	0	0	0	0	0	0	0	0
Ordway Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Population Council	0	0	0	0	0	0	0	0	0	0	0
Riverside Research Institute	0	0	0	0	0	0	0	0	0	0	0
Roswell Park Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Sloan-Kettering Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Trudeau Institute, Inc.	11	0	11	0	0	0	0	0	0	0	0
Wadsworth Ctr.	0	0	0	0	0	0	0	0	0	0	0
Winifred Masterson Burke Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	0	0	0	0	0	0	0	0	0	0	0
Hamner Institutes, The	13	0	13	0	0	0	0	0	0	0	0
RTI International	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Oklahoma											
OK Medical Research Foundation	53	0	50	0	0	3	0	0	0	0	0

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0	0	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0	0	0	0	0	0	0
OR Research Institute	0	0	0	0	0	0	0	0	0	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0	0	0	0	0	0	0
Providence Portland Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0	0	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	0	0	0	0	0	0	0	0	0	0	0
Wistar Institute	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	0	0	0	0	0	0	0	0	0	0	0
Miriam Hospital	0	0	0	0	0	0	0	0	0	0	0
RI Hospital	0	0	0	0	0	0	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Women & Infants Hospital	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	0	0	0	0	0	0	0	0	0	0	0
Texas											
Baylor Research Institute	0	0	0	0	0	0	0	0	0	0	0
Scott & White Memorial Hospital	14	0	14	0	0	0	0	0	0	0	0
Southwest Foundation for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
TX Heart Institute	0	0	0	0	0	0	0	0	0	0	0

TABLE 18. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Net assignable square feet in thousands)

State 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 sciences
Utah											
UT Artificial Heart Institute	0	0	0	0	0	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0	0	0	0	0	0	0
Ctr. for Health Studies	0	0	0	0	0	0	0	0	0	0	0
Fred Hutchinson Cancer Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Infectious Disease Research Institute	0	0	0	0	0	0	0	0	0	0	0
Institute for Systems Biology	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Research Institute	0	0	0	0	0	0	0	0	0	0	0
Puget Sound Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
Seattle Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Seattle Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
BloodCenter of WI	0	0	0	0	0	0	0	0	0	0	0
Marshfield Clinic	0	0	0	0	0	0	0	0	0	0	0

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 19. New construction of science and engineering research space in academic institutions, by field and geographic region:

Planned to start in FY 2010 or FY 2011

(Net assignable square feet in millions)

Field	United States	Midwest	Northeast	South	West
All research space	10.3	2.2	2.4	3.6	2.0
Agricultural and natural resources sciences	0.6	0.2	*	0.2	0.2
Biological and biomedical sciences	3.4	0.6	1.4	1.1	0.4
Computer and information sciences	0.3	0.1	0.1	0.1	*
Engineering	1.7	0.3	0.1	0.9	0.3
Health and clinical sciences	2.4	0.6	0.5	0.6	0.7
Mathematics and statistics	*	*	0.0	0.0	*
Physical sciences					
Earth, atmospheric, and ocean sciences	0.3	0.1	*	*	0.2
Astronomy, chemistry, and physics	0.7	0.3	0.1	0.3	0.1
Psychology	0.3	*	0.2	0.1	*
Social sciences	*	0.0	*	0.0	0.0
Other sciences	0.6	0.1	*	0.4	0.1
Research animal space	0.6	0.1	0.1	0.3	0.1

\* = greater than 0, but less than 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 the U.S. Virgin Islands are included in the national statistics but are excluded from the geographic regions.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 20. New construction of science and engineering research space in biomedical institutions, by field and geographic region:

Planned to start in FY 2010 or FY 2011

(Net assignable square feet in millions)

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

\* = greater than 0, but less than 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 the U.S. Virgin Islands are included in the national statistics but are excluded from the geographic regions.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Alabama											
Public											
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U.	69	5	13	0	14	36	0	0	0	0	0
U. AL, The	380	0	0	0	380	0	0	0	0	0	0
U. AL Birmingham, The	7	0	5	0	0	2	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Oakwood U.	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	NA	0	0	0	0	0	0	0	0	0	NA
Arizona											
Public											
AZ State U.	317	0	0	0	81	151	0	85	0	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	49	0	0	0	0	38	0	11	0	0	0
Arkansas											
Public											
AR State U.	6	3	3	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	48	0	0	9	9	0	0	0	0	0	30
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	24	3	5	0	6	0	0	10	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
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	30	30	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	3	0	0	0	0	0	0	3	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	105	0	0	0	15	0	0	38	0	0	52
U. CA, Davis	12	0	0	0	0	12	0	0	0	0	0
U. CA, Irvine	0	0	0	0	0	0	0	0	0	0	0
U. CA, Los Angeles	3	0	0	0	3	0	0	0	0	0	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	0	0	0	0	0	0	0	0	0	0	0
U. CA, San Diego	246	0	0	0	0	226	0	19	0	0	0
U. CA, San Francisco	159	0	0	0	0	152	0	0	0	0	7
U. CA, Santa Barbara	40	0	16	0	16	0	0	0	0	0	9
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
C. R. Drew U. Medicine and Science	40	0	0	0	0	40	0	0	0	0	0
CA Institute of Technology	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
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.	0	0	0	0	0	0	0	0	0	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
Stanford U.	191	0	0	0	158	33	0	0	0	0	0
U. Redlands	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	10	0	0	0	0	0	0	0	0	0	10
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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Colorado											
Public											
CO School of Mines	13	0	0	0	13	0	0	0	0	0	0
CO State U.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	65	0	35	0	0	0	0	30	0	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Health Sciences Ctr.	59	0	0	0	0	59	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											
Southern CT State U.	10	3	5	0	0	0	0	3	0	0	0
U. CT	7	0	0	0	0	1	0	0	2	5	0
Private											
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	204	0	10	0	97	0	0	97	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
George Washington U.	0	0	0	0	0	0	0	0	0	0	0
Georgetown U.	53	0	16	0	0	0	0	37	0	0	0
Howard U.	132	0	0	0	0	0	0	0	0	0	132
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	39	0	28	0	8	0	0	3	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	0	0	0	0	0	0	0	0	0	0	0
U. North FL	110	0	110	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.	113	0	0	0	0	85	0	29	0	0	0
U. Miami	64	0	64	0	0	0	0	0	0	0	0
Georgia											
Public											
Albany State U.	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State 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.	69	0	69	0	0	0	0	0	0	0	0
GA State U.	0	0	0	0	0	0	0	0	0	0	0
Medical C. GA	21	0	21	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
Private											
Clark Atlanta U.	0	0	0	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
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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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	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
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northeastern IL 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	65	0	35	0	0	0	0	30	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	165	50	0	0	115	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.	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	15	0	0	0	4	0	0	11	0	0	0
Rosalind Franklin U. of Medicine & 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	97	0	0	0	46	0	0	51	0	0	0
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.	309	0	131	58	0	120	0	0	0	0	0
Purdue U.	114	0	0	0	64	0	0	50	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	30	17	1	0	12	0	0	0	0	0	0
U. IA	151	0	151	0	0	0	0	0	0	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	50	50	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	75	0	0	0	0	75	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
KY State U.	0	0	0	0	0	0	0	0	0	0	0
Morehead State U.	56	0	0	0	0	56	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	57	0	0	0	57	0	0	0	0	0	0
U. Louisville	0	0	0	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	21	0	0	30	0	0	0	0	0
LA State U. Shreveport	106	0	106	0	0	0	0	0	0	0	0
LA Tech 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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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.	0	0	0	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	15	0	0	0	15	0	0	0	0	0	0
U. Southern ME	6	0	6	0	0	0	0	0	0	0	0
Private											
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.	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
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	94	0	9	0	0	0	0	85	0	0	0
U. MD Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U.	20	0	0	0	20	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	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	500	0	250	0	0	250	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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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
Hampshire C.	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.	0	0	0	0	0	0	0	0	0	0	0
MI State U.	81	15	26	5	5	10	0	20	0	0	0
MI Technological U.	32	0	0	0	0	0	0	32	0	0	0
Oakland U.	160	0	0	0	0	160	0	0	0	0	0
Wayne State U.	0	0	0	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 Tech U.	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.	52	0	18	0	25	0	2	7	0	0	0
U. MN	0	0	0	0	0	0	0	0	0	0	0
Winona State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Macalester C.	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.	20	20	0	0	0	0	0	0	0	0	0
U. MS	20	0	0	0	0	20	0	0	0	0	0
U. MS Medical Ctr.	0	0	0	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
Missouri											
Public											
Lincoln U.	7	7	0	0	0	0	0	0	0	0	0
MO State U.	0	0	0	0	0	0	0	0	0	0	0
MO U. of Science and Technology	0	0	0	0	0	0	0	0	0	0	0
U. MO Columbia	58	8	50	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
Kansas City U. of Medicine and Biosciences	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	0	0	0	0	0	0	0	0	0	0	0
Montana											
Public											
MT State U. Billings	0	0	0	0	0	0	0	0	0	0	0
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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Nebraska											
Public											
U. NE Lincoln	32	0	15	0	0	0	0	17	0	0	0
U. NE Omaha	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
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	0	0	0	0	0	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.	10	0	0	0	0	10	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	70	0	70	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.	142	0	0	20	0	0	0	0	122	0	0
Rider U.	0	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	10	0	0	0	5	0	0	5	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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	23	0	10	0	0	0	4	9	0	0	0
New York											
Public											
CUNY, The City C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn 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 Queens C.	8	0	0	0	0	0	0	8	0	0	0
CUNY York C.	0	0	0	0	0	0	0	0	0	0	0
SUNY Albany	0	0	0	0	0	0	0	0	0	0	0
SUNY Binghamton	44	0	4	0	22	0	0	9	0	0	9
SUNY Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY Stony Brook	44	0	0	44	0	0	0	0	0	0	0
SUNY C. Buffalo	6	0	2	0	0	0	0	3	0	0	1
SUNY C. Geneseo	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Oswego	11	5	0	0	0	0	0	3	0	0	2
SUNY C. of Environmental Science and Forestry	41	0	41	0	0	0	0	0	0	0	0
SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
SUNY Downstate Medical Ctr.	70	0	70	0	0	0	0	0	0	0	0
SUNY Upstate Medical U.	43	0	43	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	14	0	6	0	0	0	0	6	0	0	2
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.	10	0	0	0	8	0	0	3	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	328	6	305	2	3	7	0	3	1	1	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 C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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.	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
St. John's U.	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	4	0	4	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.	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.	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.	10	10	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.	101	19	0	0	16	0	0	66	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	77	0	0	67	9	0	0	0	0	0	0
U. NC Greensboro	25	0	25	0	0	0	0	0	0	0	0
U. NC Wilmington	145	12	68	0	0	0	0	0	65	0	0
Winston-Salem State U.	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.	3	0	0	0	3	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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
North Dakota											
Public											
ND State U.	83	65	0	0	18	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.	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.	15	0	0	0	0	0	0	15	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeastern OH Universities C. of Medicine	70	0	70	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. Cincinnati	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	19	0	19	0	0	0	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
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.	0	0	0	0	0	0	0	0	0	0	0
U. OK	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Tulsa	36	0	0	8	28	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	0	0	0	0	0	0	0	0	0	0	0
OR Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
OR State U.	174	53	102	0	0	19	0	0	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
U. OR	42	0	10	*	9	0	0	6	17	0	0
Private											
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
PA State U.	50	20	0	0	0	0	0	0	31	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh	464	0	360	0	0	104	0	0	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Arcadia U.	0	0	0	0	0	0	0	0	0	0	0
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.	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.	140	0	140	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
La Salle U.	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
Philadelphia C. of Osteopathic Medicine	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	80	0	0	0	80	0	0	0	0	0	0
U. of the Sciences in 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
Rhode Island											
Public											
U. RI	168	0	28	0	0	140	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Private											
Brown 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
Coastal Carolina U.	7	0	4	0	0	1	0	3	0	0	0
Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
SC State U.	250	0	0	15	35	0	0	0	0	0	200
U. SC	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
Claflin U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	5	0	4	0	0	0	0	2	0	0	0
SD School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0
SD State U.	29	0	0	15	15	0	0	0	0	0	0
U. SD, The	0	0	0	0	0	0	0	0	0	0	0
Private											
Sinte Gleska U.	*	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.	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	0	0	0	0	0	0	0	0	0	0	0
U. TN	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 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.	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Texas											
Public											
Lamar U.	11	0	0	0	11	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 U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	67	37	30	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.	67	0	7	0	0	60	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	82	0	0	0	0	82	0	0	0	0	0
U. North TX	0	0	0	0	0	0	0	0	0	0	0
U. North TX Health Science Ctr. Fort Worth	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	0	0	0	0	0	0	0	0	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	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 Health Science Ctr. Houston	182	0	0	0	0	182	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.	250	0	250	0	0	0	0	0	0	0	0
U. TX Medical Branch Galveston	83	0	83	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 of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr. Dallas	59	0	59	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	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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.	0	0	0	0	0	0	0	0	0	0	0
Utah											
Public											
U. UT	64	0	49	0	15	0	0	0	0	0	0
UT State U.	57	52	0	0	5	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	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											
C. of William and Mary	8	8	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.	6	0	6	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.	12	0	0	0	0	12	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
VA Tech	207	56	31	0	110	11	0	0	0	0	0
Private											
Eastern VA Medical School	15	0	13	0	0	2	0	0	0	0	0
Hampton U.	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

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
U. WA	0	0	0	0	0	0	0	0	0	0	0
WA State U.	135	0	104	31	0	0	0	0	0	0	0
Western WA U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Fairmont State U.	0	0	0	0	0	0	0	0	0	0	0
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.	0	0	0	0	0	0	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	288	0	0	0	0	175	0	0	0	0	113
U. WI Milwaukee	117	12	20	0	17	0	0	69	0	0	0
U. WI Oshkosh	23	0	0	0	0	0	0	10	14	0	0
Private											
Marquette U.	0	0	0	0	0	0	0	0	0	0	0
Medical C. WI	0	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	110	0	32	0	0	0	0	78	0	0	0
Guam											
Public											
U. GU	0	0	0	0	0	0	0	0	0	0	0

TABLE 21. New construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Puerto Rico											
Public											
U. PR Cayey	0	0	0	0	0	0	0	0	0	0	0
U. PR Humacao	9	0	0	0	0	0	0	9	0	0	0
U. PR Mayaguez Campus	3	0	0	0	3	0	0	0	0	0	0
U. PR Medical Sciences Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Rio Piedras Campus	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
Virgin Islands											
Public											
U. Virgin Islands	0	0	0	0	0	0	0	0	0	0	0

\* = greater than 0, but less than 500. NA = not available; data were not provided by institution.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Scottsdale	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	0	0	0	0	0	0	0	0	0	0	0
California											
Buck Institute for Age Research	46	0	46	0	0	0	0	0	0	0	0
Burnham Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	0	0	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Los Angeles	0	0	0	0	0	0	0	0	0	0	0
City of Hope Beckman Research Institute	0	0	0	0	0	0	0	0	0	0	0
Doheny Eye Institute	0	0	0	0	0	0	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
House Ear Institute	0	0	0	0	0	0	0	0	0	0	0
Human Biomolecular Research Institute	0	0	0	0	0	0	0	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	0	0	0	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	20	0	20	0	0	0	0	0	0	0	0
La Jolla Bioengineering Institute	0	0	0	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	0	0	0	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Public Health Institute	0	0	0	0	0	0	0	0	0	0	0
RAND Corp.	12	0	0	0	0	0	0	0	0	0	12
Salk Institute for Biological Studies	0	0	0	0	0	0	0	0	0	0	0
Scientific Analysis Corp.	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
Smith-Kettlewell Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
SRI International	0	0	0	0	0	0	0	0	0	0	0

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
Torrey Pines Institute for Molecular Studies											
	0	0	0	0	0	0	0	0	0	0	0
Vaccine Research Institute of San Diego											
	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit											
	0	0	0	0	0	0	0	0	0	0	0
National Jewish Medical and Research Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Hartford Hospital											
	9	0	0	0	0	0	0	0	9	0	0
Haskins Labs.											
	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Alfred I. duPont Hospital for Children											
	3	0	3	0	0	0	0	0	0	0	0
District of Columbia											
Carnegie Institution of Washington											
	0	0	0	0	0	0	0	0	0	0	0
Children's National Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution											
	0	0	0	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute											
	0	0	0	0	0	0	0	0	0	0	0
Jaeb Ctr. for Health Research, Inc.											
	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus											
	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Pacific Health Research Institute											
	0	0	0	0	0	0	0	0	0	0	0
Queen's Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Illinois											
American Dental Association Foundation											
	0	0	0	0	0	0	0	0	0	0	0
Children's Memorial Hospital											
	0	0	0	0	0	0	0	0	0	0	0
NorthShore U. HealthSystem											
	0	0	0	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago											
	0	0	0	0	0	0	0	0	0	0	0
Indiana											
Memorial Hospital South Bend											
	2	0	0	0	0	2	0	0	0	0	0

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
Kansas											
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Ochsner Clinic Foundation	50	0	30	0	0	20	0	0	0	0	0
Maine											
Jackson Lab.	21	0	21	0	0	0	0	0	0	0	0
ME Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Mt. Desert Island Biological Lab.	8	0	8	0	0	0	0	0	0	0	0
Maryland											
Friends Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Medstar Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Massachusetts											
Beth Israel Deaconess Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Brigham and Women's Hospital	0	0	0	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Boston	0	0	0	0	0	0	0	0	0	0	0
Dana-Farber Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Forsyth Institute	0	0	0	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	0	0	0	0	0	0	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0	0	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0	0	0	0	0	0	0
Marine Biological Lab.	0	0	0	0	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	0	0	0	0	0	0	0	0	0	0	0
MA General Hospital	0	0	0	0	0	0	0	0	0	0	0

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
McLean Hospital	0	0	0	0	0	0	0	0	0	0	0
National Bureau of Economic Research	0	0	0	0	0	0	0	0	0	0	0
Schepens Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
Tufts-New England Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Whitehead Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	0	0	0	0	0	0	0	0	0	0	0
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic MN Campus	0	0	0	0	0	0	0	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Children's Mercy Hospital	6	0	6	0	0	0	0	0	0	0	0
Stowers Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	1	0	1	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
New Mexico											
Lovelace Respiratory Research Institute	8	0	8	0	0	0	0	0	0	0	0
Mind Research Network, The	0	0	0	0	0	0	0	0	0	0	0
New York											
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
Cold Spring Harbor Lab.	0	0	0	0	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	0	0	0	0	0	0	0	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0	0	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0	0	0	0	0	0	0
NY Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
NY State Psychiatric Institute	0	0	0	0	0	0	0	0	0	0	0
NY Structural Biology Ctr.	0	0	0	0	0	0	0	0	0	0	0
Ordway Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Population Council	0	0	0	0	0	0	0	0	0	0	0
Riverside Research Institute	0	0	0	0	0	0	0	0	0	0	0
Roswell Park Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Sloan-Kettering Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Trudeau Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Wadsworth Ctr.	0	0	0	0	0	0	0	0	0	0	0
Winifred Masterson Burke Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	0	0	0	0	0	0	0	0	0	0	0
Hamner Institutes, The	0	0	0	0	0	0	0	0	0	0	0
RTI International	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	72	0	72	0	0	0	0	0	0	0	0
Oklahoma											
OK Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0	0	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0	0	0	0	0	0	0
OR Research Institute	79	0	0	0	0	0	0	0	79	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0	0	0	0	0	0	0
Providence Portland Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	13	0	13	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0	0	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	0	0	0	0	0	0	0	0	0	0	0
Wistar Institute	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	0	0	0	0	0	0	0	0	0	0	0
Miriam Hospital	0	0	0	0	0	0	0	0	0	0	0
RI Hospital	0	0	0	0	0	0	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Women & Infants Hospital	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	0	0	0	0	0	0	0	0	0	0	0
Texas											
Baylor Research Institute	0	0	0	0	0	0	0	0	0	0	0
Scott & White Memorial Hospital	3	0	3	0	0	0	0	0	0	0	0
Southwest Foundation for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
TX Heart Institute	0	0	0	0	0	0	0	0	0	0	0

TABLE 22. New construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011  
(Net assignable square feet in thousands)

State 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 sciences
Utah											
UT Artificial Heart Institute	0	0	0	0	0	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0	0	0	0	0	0	0
Ctr. for Health Studies	0	0	0	0	0	0	0	0	0	0	0
Fred Hutchinson Cancer Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Infectious Disease Research Institute	0	0	0	0	0	0	0	0	0	0	0
Institute for Systems Biology	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Research Institute	0	0	0	0	0	0	0	0	0	0	0
Puget Sound Blood Ctr.	3	0	3	0	0	0	0	0	0	0	0
Seattle Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Seattle Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
BloodCenter of WI	8	0	8	0	0	0	0	0	0	0	0
Marshfield Clinic	0	0	0	0	0	0	0	0	0	0	0

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 23. Costs for new construction of science and engineering research space in academic institutions, by field and time of construction: FY 2008–11

(Costs in millions of dollars)

Field	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
			Included in institutional plan	Not included in institutional plan
All research space	7,406.8	8,443.2	11,485.4	3,072.7
Agricultural and natural resources sciences	154.1	267.1	708.6	416.0
Biological and biomedical sciences	3,256.6	3,081.2	3,543.7	692.1
Computer and information sciences	175.1	227.9	335.4	21.0
Engineering	1,121.7	1,234.2	1,702.5	464.2
Health and clinical sciences	1,388.2	1,591.4	3,027.6	841.2
Mathematics and statistics	13.5	24.2	112.9	1.9
Physical sciences				
Earth, atmospheric, and ocean sciences	44.6	282.0	344.8	170.9
Astronomy, chemistry, and physics	672.3	758.0	1,060.9	296.0
Psychology	167.3	366.9	203.3	92.8
Social sciences	136.7	4.1	161.3	76.8
Other sciences	276.6	606.3	284.5	0.0
Research animal space	729.3	359.0	730.1	177.6

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 24. Costs for new construction of science and engineering research space in biomedical institutions, by field and time of construction: FY 2008–11

(Costs in millions of dollars)

Field	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
			Included in institutional plan	Not included in institutional plan
All research space	247.8	215.0	979.2	74.8
Agricultural and natural resources sciences	0.9	0.0	16.7	0.0
Biological and biomedical sciences	217.9	186.5	880.9	67.9
Computer and information sciences	0.0	0.0	11.6	0.0
Engineering	2.2	0.0	6.0	0.0
Health and clinical sciences	26.8	5.6	48.9	6.8
Mathematics and statistics	0.0	0.0	0.0	0.0
Physical sciences				
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	0.0	0.0	0.0	0.0
Psychology	0.0	21.4	15.0	0.0
Social sciences	0.0	0.0	0.0	0.0
Other sciences	0.0	1.5	0.0	0.0
Research animal space	44.2	34.1	162.6	27.7

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 25. Costs for new construction of science and engineering research space in academic and biomedical institutions, by field and time of construction: FY 2006–11

(Costs in millions of dollars)

Field	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
All research space	7,202.2	7,654.6	8,658.2	12,464.6	3,147.5
Agricultural and natural resources sciences	145.0	155.0	267.1	725.3	416.0
Biological and biomedical sciences	3,333.5	3,474.5	3,267.7	4,424.6	760.0
Computer and information sciences	306.4	175.1	227.9	346.9	21.0
Engineering	734.9	1,123.9	1,234.2	1,708.5	464.2
Health and clinical sciences	1,286.8	1,415.0	1,597.0	3,076.5	848.0
Mathematics and statistics	8.9	13.5	24.2	112.9	1.9
Physical sciences					
Earth, atmospheric, and ocean sciences	94.9	44.6	282.0	344.8	170.9
Astronomy, chemistry, and physics	636.1	672.3	758.0	1,060.9	296.0
Psychology	60.5	167.3	388.2	218.3	92.8
Social sciences	74.8	136.7	4.1	161.3	76.8
Other sciences	520.4	276.6	607.8	284.5	0.0
Research animal space	1,000.0	773.4	393.1	892.8	205.3

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 26. Costs for new construction of research animal space, 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	Planned to start in FY 2010 or FY 2011	Deferred projects	
					Included in institutional plan	Not included in institutional plan
All academic	657.4	757.4	729.3	359.0	730.1	177.6
Doctorate granting	655.1	738.0	663.1	340.2	708.8	174.2
Nondoctorate granting	2.4	19.4	66.1	18.8	21.3	3.4
Public	484.8	523.8	471.3	306.0	551.7	97.9
Private	172.7	233.6	257.9	53.0	178.4	79.7
All biomedical	80.7	242.3	44.2	34.1	162.6	27.7
Research institutions	67.2	90.9	35.1	33.8	71.1	15.0
Hospitals	13.5	151.4	9.0	0.3	91.5	12.6

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 27. Costs and space for new construction of science and engineering research space, by type of institution and time of construction: FY 2006–11

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

Type of institution	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		Included in	Not included in
	Costs	NASF	Costs	NASF	Costs	NASF	institutional plan	institutional plan
All academic	5,923.5	8.8	7,406.8	9.9	8,443.2	10.3	11,485.4	3,072.7
Doctorate granting	5,681.3	8.4	7,082.4	9.4	8,091.0	9.6	10,886.6	2,983.6
Nondoctorate granting	242.2	0.4	324.4	0.5	352.3	0.8	598.8	89.1
Public	3,847.2	6.5	5,298.2	7.4	6,556.2	8.8	9,052.6	2,566.2
Private	2,076.3	2.3	2,108.6	2.5	1,887.0	1.6	2,432.7	506.6
Medical schools	626.7	0.7	2,192.2	2.5	2,715.9	2.9	3,114.1	307.0
All biomedical	1,278.8	2.2	247.8	0.6	215.0	0.4	979.2	74.8
Research institutions	761.3	1.0	233.1	0.5	206.0	0.4	372.7	60.9
Hospitals	517.4	1.2	14.7	0.1	9.0	*	606.5	13.9

\* = greater than 0, but less than 50,000.

NASF = net assignable square feet.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 28. Costs for new construction of science and engineering research space in academic institutions, by field and geographic region: Started in FY 2008 or FY 2009

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	7,406.8	887.2	2,073.8	2,906.5	1,478.9
Agricultural and natural resources sciences	154.1	28.8	38.9	41.1	45.3
Biological and biomedical sciences	3,256.6	402.6	1,105.8	1,036.8	651.4
Computer and information sciences	175.1	84.1	6.8	84.3	0.0
Engineering	1,121.7	70.2	323.7	554.1	173.7
Health and clinical sciences	1,388.2	116.9	296.6	678.7	295.7
Mathematics and statistics	13.5	0.0	13.5	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	44.6	7.6	23.3	9.9	3.9
Astronomy, chemistry, and physics	672.3	172.7	103.5	268.1	128.0
Psychology	167.3	0.0	48.8	82.3	36.3
Social sciences	136.7	1.4	37.3	93.8	4.3
Other sciences	276.6	3.0	75.8	57.5	140.4

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 29. Costs for new construction of science and engineering research space in biomedical institutions, by field and geographic region: Started in FY 2008 or FY 2009

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	247.8	0.0	28.0	53.7	166.1
Agricultural and natural resources sciences	0.9	0.0	0.9	0.0	0.0
Biological and biomedical sciences	217.9	0.0	25.0	26.9	166.1
Computer and information sciences	0.0	0.0	0.0	0.0	0.0
Engineering	2.2	0.0	2.2	0.0	0.0
Health and clinical sciences	26.8	0.0	0.0	26.8	0.0
Mathematics and statistics	0.0	0.0	0.0	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	0.0	0.0	0.0	0.0	0.0
Psychology	0.0	0.0	0.0	0.0	0.0
Social sciences	0.0	0.0	0.0	0.0	0.0
Other sciences	0.0	0.0	0.0	0.0	0.0

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
<b>Alabama</b>											
Public											
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U.	32,697	1,200	0	0	31,497	0	0	0	0	0	0
U. AL, The	0	0	0	0	0	0	0	0	0	0	0
U. AL Birmingham, The	5,065	0	0	0	0	5,065	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. South AL	8,000	0	0	2,100	5,900	0	0	0	0	0	0
Private											
Oakwood U.	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
<b>Alaska</b>											
Public											
U. AK Fairbanks	0	0	0	0	0	0	0	0	0	0	0
<b>Arizona</b>											
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	4,446	4,446	0	0	0	0	0	0	0	0	0
<b>Arkansas</b>											
Public											
AR State U.	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	13,491	0	0	0	0	13,491	0	0	0	0	0
U. AR Little Rock	5,400	0	0	2,700	2,700	0	0	0	0	0	0
U. AR main campus	48,800	0	0	0	24,400	0	0	24,400	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
<b>California</b>											
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	1,210	0	0	0	0	950	0	260	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
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	17,500	0	7,800	0	0	0	0	9,700	0	0	0
CA State U., Los Angeles	8,833	0	2,789	0	0	0	0	6,044	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
San Diego State U.	0	0	0	0	0	0	0	0	0	0	0
San Francisco State U.	2,119	0	2,119	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	178,506	0	159,600	0	2,247	541	0	0	11,912	0	4,206
U. CA, Davis	0	0	0	0	0	0	0	0	0	0	0
U. CA, Irvine	56,830	0	33,199	0	0	23,632	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	80,856	0	0	0	19,343	36,371	0	25,142	0	0	0
U. CA, San Diego	0	0	0	0	0	0	0	0	0	0	0
U. CA, San Francisco	275,590	0	117,956	0	0	108,074	0	0	0	0	49,560
U. CA, Santa Barbara	12,239	0	0	0	12,239	0	0	0	0	0	0
U. CA, Santa Cruz	77,491	0	18,966	0	14,226	0	0	23,707	0	0	20,593
Private											
C. R. Drew U. Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
CA Institute of Technology	35,250	0	0	0	35,250	0	0	0	0	0	0
Claremont Graduate U.	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.	2,854	0	0	0	0	2,854	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.	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
Stanford U.	189,185	0	117,737	0	9,375	0	0	62,073	0	0	0
U. Redlands	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	36,800	0	0	0	0	36,800	0	0	0	0	0
U. of the Pacific	6,600	0	0	0	6,600	0	0	0	0	0	0
Western U. of Health Sciences	5,507	0	5,507	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Colorado											
Public											
CO School of Mines	0	0	0	0	0	0	0	0	0	0	0
CO State U.	55,083	262	0	0	0	2,821	0	0	0	0	52,000
U. CO Boulder	13,377	0	0	0	0	0	0	0	13,377	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Health Sciences Ctr.	59,480	0	0	0	0	59,480	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											
Southern CT State U.	0	0	0	0	0	0	0	0	0	0	0
U. CT	0	0	0	0	0	0	0	0	0	0	0
Private											
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.	33,492	0	540	0	0	8,700	0	0	0	24,252	0
Delaware											
Public											
DE State U.	0	0	0	0	0	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.	10,500	0	0	0	0	0	0	0	0	10,500	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.	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.	21,877	0	0	0	21,877	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
FL Gulf Coast U.	4,362	3,028	997	338	0	0	0	0	0	0	0
FL International U.	13,101	0	4,576	0	0	4,576	0	3,949	0	0	0
FL State U.	85,000	0	19,000	0	7,000	12,000	0	32,000	15,000	0	0
U. Central FL	202,244	0	112,862	0	0	68,000	0	21,382	0	0	0
U. FL	58,006	17,647	19,934	0	0	20,425	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	25,877	0	4,290	0	428	1,542	0	19,618	0	0	0
U. West FL	12,000	0	0	3,522	4,673	0	0	3,805	0	0	0
Private											
Embry-Riddle Aeronautical U.	0	0	0	0	0	0	0	0	0	0	0
FL Institute of Technology	4,484	0	1,317	0	1,317	0	0	0	1,850	0	0
Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0
U. Miami	8,400	0	8,400	0	0	0	0	0	0	0	0
Georgia											
Public											
Albany State U.	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	19,278	3,200	15,600	0	0	0	0	0	0	0	478
GA Institute of Technology	1,100	0	0	0	0	0	0	0	0	0	1,100
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	44,629	0	18,466	0	0	821	0	7,611	11,725	0	6,006
Medical C. GA	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	19,920	5,970	0	0	0	10,750	0	3,200	0	0	0
Private											
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	130,522	0	0	0	0	10,000	0	0	42,881	77,641	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
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	2,000	0	800	0	0	1,200	0	0	0	0	0
U. HI Manoa	22,500	0	22,500	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
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	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
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northeastern IL 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	0	0	0	0	0	0	0	0	0	0	0
U. IL Springfield	252	252	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	82,000	0	0	82,000	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.	56,200	0	55,329	0	0	871	0	0	0	0	0
Northwestern U.	0	0	0	0	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine & 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
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.	7,000	0	0	0	0	7,000	0	0	0	0	0
Purdue U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. of Notre Dame	20,000	0	0	0	0	20,000	0	0	0	0	0
Iowa											
Public											
IA State U.	80,931	9,240	5,061	0	10,900	0	0	55,730	0	0	0
U. IA	70,944	0	65,120	0	3,398	2,426	0	0	0	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	1,000	1,000	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	3,000	0	0	0	0	3,000	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
KY State U.	2,600	2,600	0	0	0	0	0	0	0	0	0
Morehead State U.	4,084	0	0	0	3,509	0	0	575	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	7,498	0	589	0	1,561	5,348	0	0	0	0	0
U. Louisville	0	0	0	0	0	0	0	0	0	0	0
Western KY U.	5,950	0	1,095	1,975	0	0	0	2,880	0	0	0
Louisiana											
Public											
LA State U. and A&M C.	11,600	0	11,600	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. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	4,000	0	0	4,000	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

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. LA Monroe	2,724	0	0	0	0	2,724	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.	25,897	0	25,897	0	0	0	0	0	0	0	0
Xavier U. LA	4,000	0	0	0	0	4,000	0	0	0	0	0
Maine											
Public											
U. ME	6,869	1,869	0	0	4,999	0	0	0	0	0	0
U. Southern ME	326	0	0	0	0	0	0	0	0	326	0
Private											
Colby C.	0	0	0	0	0	0	0	0	0	0	0
U. New England	4,000	0	0	0	0	4,000	0	0	0	0	0
Maryland											
Public											
Morgan State U.	0	0	0	0	0	0	0	0	0	0	0
Towson U.	9,000	0	0	0	0	0	0	0	9,000	0	0
U. Baltimore	2,948	0	0	0	0	0	0	0	0	2,948	0
U. MD Baltimore	0	0	0	0	0	0	0	0	0	0	0
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.	24,320	0	298	3,272	20,750	0	0	0	0	0	0
Massachusetts											
Public											
U. MA Amherst	82,622	9,701	17,150	2,450	17,150	34,300	0	0	1,871	0	0
U. MA Boston	0	0	0	0	0	0	0	0	0	0	0
U. MA Dartmouth	0	0	0	0	0	0	0	0	0	0	0
U. MA Lowell	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	28,600	0	0	0	0	28,600	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

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
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
Hampshire C.	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	0	0	0	0	0	0	0	0	0	0	0
MA Institute of Technology	373,500	0	152,500	0	152,500	0	0	0	0	0	68,500
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.	21,500	0	5,600	4,000	5,600	0	0	6,300	0	0	0
Tufts U.	38,207	0	30,795	0	0	7,412	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.	380	0	0	0	0	380	0	0	0	0	0
MI State U.	19,550	0	0	0	8,050	0	0	11,500	0	0	0
MI Technological U.	1,307	0	0	0	1,307	0	0	0	0	0	0
Oakland U.	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.	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.	2,700	0	0	0	0	0	0	0	0	0	2,700
Lawrence Tech U.	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	100,915	0	0	0	3,800	53,865	0	43,250	0	0	0
Winona State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Macalester C.	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.	989	989	0	0	0	0	0	0	0	0	0
U. MS	2,834	0	0	0	0	2,476	0	357	0	0	0
U. MS Medical Ctr.	0	0	0	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
Missouri											
Public											
Lincoln U.	0	0	0	0	0	0	0	0	0	0	0
MO State U.	0	0	0	0	0	0	0	0	0	0	0
MO U. of Science and Technology	0	0	0	0	0	0	0	0	0	0	0
U. MO Columbia	18,382	0	0	0	0	18,382	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
Kansas City U. of Medicine and Biosciences	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	22,859	0	467	0	22,392	0	0	0	0	0	0
Montana											
Public											
MT State U. Billings	0	0	0	0	0	0	0	0	0	0	0
MT State U. Bozeman	4,000	4,000	0	0	0	0	0	0	0	0	0
MT Tech of The U. MT	522	0	0	0	522	0	0	0	0	0	0
U. MT, The	3,609	0	3,609	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Nebraska											
Public											
U. NE Lincoln	44,058	0	0	0	0	4,689	0	38,033	0	1,336	0
U. NE Omaha	0	0	0	0	0	0	0	0	0	0	0
U. NE Medical Ctr.	2,487	0	995	0	0	1,492	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	0	0	0	0	0	0	0	0	0	0	0
U. NV, Reno	30,000	0	10,000	0	0	20,000	0	0	0	0	0
New Hampshire											
Public											
Plymouth State U.	0	0	0	0	0	0	0	0	0	0	0
U. NH	10,844	1,454	0	0	5,250	0	0	4,140	0	0	0
Private											
Dartmouth C.	96,898	0	96,898	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	33,634	0	5,109	0	0	27,200	0	1,325	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.	0	0	0	0	0	0	0	0	0	0	0
Rider U.	0	0	0	0	0	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

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
NM Institute of Mining and Technology	3,000	0	0	0	3,000	0	0	0	0	0	0
NM State U.	1,525	1,525	0	0	0	0	0	0	0	0	0
U. NM	0	0	0	0	0	0	0	0	0	0	0
New York											
Public											
CUNY, The City C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn 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.	76,781	4,370	40,247	0	0	4,264	0	4,978	11,626	11,296	0
CUNY Hunter C.	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
CUNY York C.	0	0	0	0	0	0	0	0	0	0	0
SUNY Albany	0	0	0	0	0	0	0	0	0	0	0
SUNY Binghamton	58,110	0	960	0	25,056	0	0	0	30,089	0	2,004
SUNY Buffalo	95,335	0	0	0	6,699	88,635	0	0	0	0	0
SUNY Stony Brook	66,582	0	5,495	0	28,672	0	13,460	17,044	1,911	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
SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Oswego	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 Downstate Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
SUNY Upstate Medical U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	800	0	800	0	0	0	0	0	0	0	0
Albany Medical C.	8,500	0	8,500	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.	596	0	0	0	596	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	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	141,030	2,805	50,310	0	774	8,580	0	76,755	1,290	516	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 C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	267,840	0	267,840	0	0	0	0	0	0	0	0
New School, The	980	0	0	0	0	0	0	0	980	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.	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	6,400	0	0	0	6,400	0	0	0	0	0	0
Rochester Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
Rockefeller U., The	35,303	0	35,303	0	0	0	0	0	0	0	0
St. John's U.	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.	4,342	0	0	0	0	0	0	0	0	0	4,342
U. Rochester	71,400	0	0	0	0	71,400	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.	485	0	485	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.	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	277,649	0	0	0	0	277,649	0	0	0	0	0
U. NC Charlotte	76,000	0	0	0	76,000	0	0	0	0	0	0
U. NC Greensboro	0	0	0	0	0	0	0	0	0	0	0
U. NC Wilmington	3,325	0	0	315	0	3,010	0	0	0	0	0
Winston-Salem State U.	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.	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

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
North Dakota											
Public											
ND State U.	11,757	11,757	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.	0	0	0	0	0	0	0	0	0	0	0
Central State U.	3,214	0	1,714	0	0	0	0	1,500	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
Northeastern OH Universities C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
OH State U.	0	0	0	0	0	0	0	0	0	0	0
OH U.	8,209	0	4,104	0	4,104	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.	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
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.	77,000	0	29,000	0	0	0	0	18,000	0	0	30,000
U. OK	126,910	0	40,835	0	0	50,450	0	35,625	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	2,088	0	2,088	0	0	0	0	0	0	0	0
OR Institute of Technology	0	0	0	0	0	0	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

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. OR	0	0	0	0	0	0	0	0	0	0	0
Private											
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
PA State U.	90,878	0	37,925	0	52,953	0	0	0	0	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh	10,971	0	0	0	10,971	0	0	0	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Arcadia U.	0	0	0	0	0	0	0	0	0	0	0
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.	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.	7,581	0	7,006	0	0	0	0	0	0	0	575
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
La Salle U.	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.	20,900	0	0	0	5,600	0	0	15,300	0	0	0
Philadelphia C. of Osteopathic Medicine	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	323,325	0	323,325	0	0	0	0	0	0	0	0
U. of the Sciences in 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
Rhode Island											
Public											
U. RI	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Private											
Brown 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
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	112,251	0	31,430	0	14,715	55,743	0	0	0	0	10,363
SC State U.	2,500	0	1,500	0	0	0	0	1,000	0	0	0
U. SC	550	0	0	0	0	0	0	550	0	0	0
Private											
Benedict C.	0	0	0	0	0	0	0	0	0	0	0
Clafin 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	21,028	0	0	0	0	0	0	21,028	0	0	0
SD State U.	11,467	5,785	0	0	0	1,793	0	3,889	0	0	0
U. SD, The	0	0	0	0	0	0	0	0	0	0	0
Private											
Sinte Gleska U.	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.	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	0	0	0	0	0	0	0	0	0	0	0
U. TN	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 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.	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Texas											
Public											
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.	300	0	0	0	0	300	0	0	0	0	0
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	5,000	5,000	0	0	0	0	0	0	0	0	0
TX A&M U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	1,089	0	1,089	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	92,594	0	62,800	0	0	29,794	0	0	0	0	0
TX Southern U.	0	0	0	0	0	0	0	0	0	0	0
TX State U. San Marcos	1,070	0	0	0	0	1,070	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.	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	15,053	0	0	0	3,053	0	0	12,000	0	0	0
U. North TX	33,658	258	25,889	0	0	0	0	0	0	0	7,511
U. North TX Health Science Ctr. Fort Worth	0	0	0	0	0	0	0	0	0	0	0
U. TX Arlington	57,881	0	0	17,638	30,655	0	0	9,587	0	0	0
U. TX Austin	0	0	0	0	0	0	0	0	0	0	0
U. TX Brownsville	26,227	0	26,227	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	28,199	0	0	7,353	0	6,683	0	14,162	0	0	0
U. TX San Antonio	0	0	0	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. Houston	76,022	0	76,022	0	0	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	150,000	0	150,000	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 Galveston	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 of the Permian Basin	18,099	0	5,438	0	0	0	0	12,661	0	0	0
U. TX Southwestern Medical Ctr. Dallas	195,700	0	195,700	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	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Baylor U.	792	0	0	0	0	0	0	792	0	0	0
Rice U.	24,696	0	0	0	13,210	0	0	11,486	0	0	0
Southern Methodist U.	2,383	0	0	1,467	916	0	0	0	0	0	0
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	131,920	0	83,187	0	29,143	0	0	2,687	0	4,223	12,680
UT State U.	82,720	34,632	0	0	37,463	0	0	0	10,625	0	0
Private											
Brigham Young U.	0	0	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	46,985	18,331	15,732	0	0	12,923	0	0	0	0	0
Private											
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0
Virginia											
Public											
C. of William and Mary	5,737	0	0	0	0	0	0	5,737	0	0	0
George Mason U.	48,300	0	48,300	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.	10,566	0	6,904	0	2,181	1,481	0	0	0	0	0
U. VA	160,250	0	75,550	38,150	0	17,550	0	29,000	0	0	0
VA Commonwealth U.	7,727	0	544	0	0	7,184	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
VA Tech	94,000	0	0	0	35,000	59,000	0	0	0	0	0
Private											
Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
Hampton U.	4,351	0	0	0	0	609	0	2,611	0	0	1,131
Washington											
Public											
Central WA U.	1,600	0	0	0	1,600	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. WA	55,623	0	55,623	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.	1,271	0	802	0	0	0	0	469	0	0	0
Private											
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Fairmont State U.	0	0	0	0	0	0	0	0	0	0	0
Marshall U.	278	0	0	0	0	0	0	0	0	278	0
WV State U.	0	0	0	0	0	0	0	0	0	0	0
WV U.	0	0	0	0	0	0	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	254,693	0	254,693	0	0	0	0	0	0	0	0
U. WI Milwaukee	0	0	0	0	0	0	0	0	0	0	0
U. WI Oshkosh	0	0	0	0	0	0	0	0	0	0	0
Private											
Marquette U.	14,000	0	0	0	14,000	0	0	0	0	0	0
Medical C. WI	0	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
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 30. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Puerto Rico											
Public											
U. PR Cayey	0	0	0	0	0	0	0	0	0	0	0
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	353	0	0	0	0	353	0	0	0	0	0
U. PR Rio Piedras Campus	60,000	0	60,000	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
Virgin Islands											
Public											
U. Virgin Islands	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. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Scottsdale	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	0	0	0	0	0	0	0	0	0	0	0
California											
Buck Institute for Age Research	0	0	0	0	0	0	0	0	0	0	0
Burnham Institute for Medical Research	67,068	0	67,068	0	0	0	0	0	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	0	0	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Los Angeles	0	0	0	0	0	0	0	0	0	0	0
City of Hope Beckman Research Institute	36,000	0	36,000	0	0	0	0	0	0	0	0
Doheny Eye Institute	0	0	0	0	0	0	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
House Ear Institute	0	0	0	0	0	0	0	0	0	0	0
Human Biomolecular Research Institute	0	0	0	0	0	0	0	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	0	0	0	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	0	0	0	0	0	0	0	0	0	0	0
La Jolla Bioengineering Institute	0	0	0	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	1,610	0	1,610	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	6,917	0	6,917	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Public Health Institute	0	0	0	0	0	0	0	0	0	0	0
RAND Corp.	0	0	0	0	0	0	0	0	0	0	0
Salk Institute for Biological Studies	0	0	0	0	0	0	0	0	0	0	0
Scientific Analysis Corp.	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
Smith-Kettlewell Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
SRI International	3,000	0	3,000	0	0	0	0	0	0	0	0

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Torrey Pines Institute for Molecular Studies	0	0	0	0	0	0	0	0	0	0	0
Vaccine Research Institute of San Diego	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit	0	0	0	0	0	0	0	0	0	0	0
National Jewish Medical and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Hartford Hospital	0	0	0	0	0	0	0	0	0	0	0
Haskins Labs.	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Alfred I. duPont Hospital for Children	0	0	0	0	0	0	0	0	0	0	0
District of Columbia											
Carnegie Institution of Washington	0	0	0	0	0	0	0	0	0	0	0
Children's National Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution	0	0	0	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute	0	0	0	0	0	0	0	0	0	0	0
Jaeb Ctr. for Health Research, Inc.	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Pacific Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Queen's Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Illinois											
American Dental Association Foundation	0	0	0	0	0	0	0	0	0	0	0
Children's Memorial Hospital	0	0	0	0	0	0	0	0	0	0	0
NorthShore U. HealthSystem	0	0	0	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago	0	0	0	0	0	0	0	0	0	0	0
Indiana											
Memorial Hospital South Bend	0	0	0	0	0	0	0	0	0	0	0

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Kansas											
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Ochsner Clinic Foundation	0	0	0	0	0	0	0	0	0	0	0
Maine											
Jackson Lab.	0	0	0	0	0	0	0	0	0	0	0
ME Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Mt. Desert Island Biological Lab.	0	0	0	0	0	0	0	0	0	0	0
Maryland											
Friends Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	25,864	0	0	0	0	25,864	0	0	0	0	0
Medstar Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Massachusetts											
Beth Israel Deaconess Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Brigham and Women's Hospital	0	0	0	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	6,090	0	3,900	0	2,190	0	0	0	0	0	0
Children's Hospital Boston	0	0	0	0	0	0	0	0	0	0	0
Dana-Farber Cancer Institute	6,220	0	6,220	0	0	0	0	0	0	0	0
Forsyth Institute	0	0	0	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	0	0	0	0	0	0	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0	0	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0	0	0	0	0	0	0
Marine Biological Lab.	692	0	692	0	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	0	0	0	0	0	0	0	0	0	0	0
MA General Hospital	0	0	0	0	0	0	0	0	0	0	0

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
McLean Hospital	0	0	0	0	0	0	0	0	0	0	0
National Bureau of Economic Research	0	0	0	0	0	0	0	0	0	0	0
Schepens Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
Tufts-New England Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Whitehead Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	0	0	0	0	0	0	0	0	0	0	0
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic MN Campus	0	0	0	0	0	0	0	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Children's Mercy Hospital	0	0	0	0	0	0	0	0	0	0	0
Stowers Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	804	0	804	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	50,040	0	50,040	0	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
New Mexico											
Lovelace Respiratory Research Institute	0	0	0	0	0	0	0	0	0	0	0
Mind Research Network, The	0	0	0	0	0	0	0	0	0	0	0
New York											
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Cold Spring Harbor Lab.	900	900	0	0	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	0	0	0	0	0	0	0	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0	0	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0	0	0	0	0	0	0
NY Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
NY State Psychiatric Institute	0	0	0	0	0	0	0	0	0	0	0
NY Structural Biology Ctr.	0	0	0	0	0	0	0	0	0	0	0
Ordway Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Population Council	0	0	0	0	0	0	0	0	0	0	0
Riverside Research Institute	0	0	0	0	0	0	0	0	0	0	0
Roswell Park Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Sloan-Kettering Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Trudeau Institute, Inc.	12,600	0	12,600	0	0	0	0	0	0	0	0
Wadsworth Ctr.	0	0	0	0	0	0	0	0	0	0	0
Winifred Masterson Burke Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	0	0	0	0	0	0	0	0	0	0	0
Hamner Institutes, The	3,000	0	3,000	0	0	0	0	0	0	0	0
RTI International	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Oklahoma											
OK Medical Research Foundation	15,550	0	14,603	0	0	947	0	0	0	0	0

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0	0	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0	0	0	0	0	0	0
OR Research Institute	0	0	0	0	0	0	0	0	0	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0	0	0	0	0	0	0
Providence Portland Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0	0	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	0	0	0	0	0	0	0	0	0	0	0
Wistar Institute	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	0	0	0	0	0	0	0	0	0	0	0
Miriam Hospital	0	0	0	0	0	0	0	0	0	0	0
RI Hospital	0	0	0	0	0	0	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Women & Infants Hospital	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	0	0	0	0	0	0	0	0	0	0	0
Texas											
Baylor Research Institute	0	0	0	0	0	0	0	0	0	0	0
Scott & White Memorial Hospital	6,700	0	6,700	0	0	0	0	0	0	0	0
Southwest Foundation for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
TX Heart Institute	0	0	0	0	0	0	0	0	0	0	0

TABLE 31. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Utah											
UT Artificial Heart Institute	0	0	0	0	0	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0	0	0	0	0	0	0
Ctr. for Health Studies	0	0	0	0	0	0	0	0	0	0	0
Fred Hutchinson Cancer Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Infectious Disease Research Institute	0	0	0	0	0	0	0	0	0	0	0
Institute for Systems Biology	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Research Institute	0	0	0	0	0	0	0	0	0	0	0
Puget Sound Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
Seattle Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Seattle Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
BloodCenter of WI	0	0	0	0	0	0	0	0	0	0	0
Marshfield Clinic	0	0	0	0	0	0	0	0	0	0	0

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 32. Costs for new construction of science and engineering research space in academic institutions, by field and geographic region: Planned to start in FY 2010 or FY 2011

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	8,443.2	1,414.0	2,573.0	2,357.4	2,091.1
Agricultural and natural resources sciences	267.1	83.3	35.4	94.9	53.5
Biological and biomedical sciences	3,081.2	367.7	1,567.1	783.0	363.4
Computer and information sciences	227.9	23.2	97.9	64.3	42.6
Engineering	1,234.2	292.1	120.1	512.0	308.1
Health and clinical sciences	1,591.4	278.6	343.8	374.4	594.6
Mathematics and statistics	24.2	0.9	0.0	0.0	23.2
Physical sciences					
Earth, atmospheric, and ocean sciences	282.0	32.1	30.2	8.2	211.5
Astronomy, chemistry, and physics	758.0	240.8	55.9	339.9	115.8
Psychology	366.9	1.8	307.3	34.4	23.2
Social sciences	4.1	0.0	4.1	0.0	0.0
Other sciences	606.3	93.5	11.2	146.3	355.2

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 33. Costs for new construction of science and engineering research space in biomedical institutions, by field and geographic region: Planned to start in FY 2010 or FY 2011

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	215.0	95.6	31.4	18.5	69.4
Agricultural and natural resources sciences	0.0	0.0	0.0	0.0	0.0
Biological and biomedical sciences	186.5	95.1	27.9	13.4	50.0
Computer and information sciences	0.0	0.0	0.0	0.0	0.0
Engineering	0.0	0.0	0.0	0.0	0.0
Health and clinical sciences	5.6	0.5	0.0	5.1	0.0
Mathematics and statistics	0.0	0.0	0.0	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	0.0	0.0	0.0	0.0	0.0
Psychology	21.4	0.0	3.5	0.0	17.9
Social sciences	0.0	0.0	0.0	0.0	0.0
Other sciences	1.5	0.0	0.0	0.0	1.5

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Alabama											
Public											
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U.	16,997	1,037	2,120	0	5,040	8,800	0	0	0	0	0
U. AL, The	140,000	0	0	0	140,000	0	0	0	0	0	0
U. AL Birmingham, The	3,164	0	2,345	0	0	819	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Oakwood U.	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
Alaska											
Public											
U. AK Fairbanks	196,000	0	0	0	0	0	0	0	0	0	196,000
Arizona											
Public											
AZ State U.	174,675	0	0	0	80,000	4,675	0	90,000	0	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	50,105	0	0	0	0	41,918	0	8,187	0	0	0
Arkansas											
Public											
AR State U.	1,500	750	750	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	14,400	0	0	2,700	2,700	0	0	0	0	0	9,000
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	22,087	1,375	5,549	0	2,999	0	0	12,164	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
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	15,000	15,000	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	3,110	0	0	0	0	0	0	3,110	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	207,181	0	0	0	31,646	0	0	63,335	0	0	112,200
U. CA, Davis	16,000	0	0	0	0	16,000	0	0	0	0	0
U. CA, Irvine	0	0	0	0	0	0	0	0	0	0	0
U. CA, Los Angeles	4,314	0	0	0	4,314	0	0	0	0	0	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	0	0	0	0	0	0	0	0	0	0	0
U. CA, San Diego	264,859	0	0	0	0	238,926	0	25,933	0	0	0
U. CA, San Francisco	200,000	0	0	0	0	186,000	0	0	0	0	14,000
U. CA, Santa Barbara	75,000	0	27,500	0	27,500	0	0	0	0	0	20,000
U. CA, Santa Cruz	0	0	0	0	0	0	0	0	0	0	0
Private											
C. R. Drew U. Medicine and Science	31,000	0	0	0	0	31,000	0	0	0	0	0
CA Institute of Technology	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
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.	0	0	0	0	0	0	0	0	0	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
Stanford U.	156,340	0	0	0	133,340	23,000	0	0	0	0	0
U. Redlands	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	9,480	0	0	0	0	0	0	0	0	0	9,480
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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Colorado											
Public											
CO School of Mines	8,550	0	0	0	8,550	0	0	0	0	0	0
CO State U.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	33,683	0	18,029	0	0	0	0	15,654	0	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Health Sciences Ctr.	37,721	0	0	0	0	37,721	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											
Southern CT State U.	13,199	3,194	5,961	0	0	0	0	4,044	0	0	0
U. CT	13,747	0	0	0	0	800	0	0	10,236	2,711	0
Private											
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	153,000	0	13,000	0	70,000	0	0	70,000	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
George Washington U.	0	0	0	0	0	0	0	0	0	0	0
Georgetown U.	104,910	0	31,741	0	0	0	0	73,169	0	0	0
Howard U.	55,000	0	0	0	0	0	0	0	0	0	55,000
Florida											
Public											
FL A&M U.	0	0	0	0	0	0	0	0	0	0	0
FL Atlantic U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	34,052	0	24,164	0	7,689	0	0	2,199	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	0	0	0	0	0	0	0	0	0	0	0
U. North FL	40,000	0	40,000	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.	22,600	0	0	0	0	16,900	0	5,700	0	0	0
U. Miami	66,000	0	66,000	0	0	0	0	0	0	0	0
Georgia											
Public											
Albany State U.	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Institute of Technology	22,000	0	0	0	22,000	0	0	0	0	0	0
GA Southern U.	29,600	0	29,600	0	0	0	0	0	0	0	0
GA State U.	0	0	0	0	0	0	0	0	0	0	0
Medical C. GA	16,689	0	16,689	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
Private											
Clark Atlanta U.	0	0	0	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
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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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	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
IL State U.	0	0	0	0	0	0	0	0	0	0	0
Northeastern IL 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	33,683	0	18,029	0	0	0	0	15,654	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	100,500	23,000	0	0	77,500	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.	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	17,050	0	0	0	4,911	0	0	12,139	0	0	0
Rosalind Franklin U. of Medicine & 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	200,000	0	0	0	120,000	0	0	80,000	0	0	0
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.	111,500	0	42,400	16,100	0	53,000	0	0	0	0	0
Purdue U.	70,400	0	0	0	41,500	0	0	28,900	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
U. of Notre Dame	0	0	0	0	0	0	0	0	0	0	0
Iowa											
Public											
IA State U.	22,592	10,796	2,600	0	9,196	0	0	0	0	0	0
U. IA	123,842	0	123,842	0	0	0	0	0	0	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic	0	0	0	0	0	0	0	0	0	0	0
Kansas											
Public											
KS State U.	4,587	4,587	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	25,000	0	0	0	0	25,000	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
KY State U.	0	0	0	0	0	0	0	0	0	0	0
Morehead State U.	28,000	0	0	0	0	28,000	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	35,329	0	0	0	35,329	0	0	0	0	0	0
U. Louisville	0	0	0	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	12,643	0	0	18,164	0	0	0	0	0
LA State U. Shreveport	55,000	0	55,000	0	0	0	0	0	0	0	0
LA Tech 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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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.	0	0	0	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	2,583	0	0	0	2,583	0	0	0	0	0	0
U. Southern ME	2,600	0	2,600	0	0	0	0	0	0	0	0
Private											
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.	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
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	132,299	0	3,000	0	0	0	0	129,299	0	0	0
U. MD Eastern Shore	0	0	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U.	17,300	0	0	0	17,300	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	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	330,000	0	165,000	0	0	165,000	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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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
Hampshire C.	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	8,500	0	0	0	8,500	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.	0	0	0	0	0	0	0	0	0	0	0
MI State U.	59,680	12,960	21,600	4,320	4,320	8,480	0	8,000	0	0	0
MI Technological U.	23,507	0	0	0	0	0	0	23,507	0	0	0
Oakland U.	61,748	0	0	0	0	61,748	0	0	0	0	0
Wayne State U.	0	0	0	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 Tech U.	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.	12,390	0	7,560	0	1,050	0	840	2,940	0	0	0
U. MN	0	0	0	0	0	0	0	0	0	0	0
Winona State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Carleton C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Macalester C.	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.	3,000	3,000	0	0	0	0	0	0	0	0	0
U. MS	9,700	0	0	0	0	9,700	0	0	0	0	0
U. MS Medical Ctr.	0	0	0	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
Missouri											
Public											
Lincoln U.	800	800	0	0	0	0	0	0	0	0	0
MO State U.	0	0	0	0	0	0	0	0	0	0	0
MO U. of Science and Technology	0	0	0	0	0	0	0	0	0	0	0
U. MO Columbia	80,300	5,300	75,000	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
Kansas City U. of Medicine and Biosciences	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	0	0	0	0	0	0	0	0	0	0	0
Montana											
Public											
MT State U. Billings	0	0	0	0	0	0	0	0	0	0	0
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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Nebraska											
Public											
U. NE Lincoln	23,000	0	8,000	0	0	0	0	15,000	0	0	0
U. NE Omaha	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
Private											
Creighton U.	0	0	0	0	0	0	0	0	0	0	0
Nevada											
Public											
Desert Research Institute	952	0	0	0	952	0	0	0	0	0	0
U. NV, Las Vegas	0	0	0	0	0	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.	10,500	0	0	0	0	10,500	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	64,500	0	64,500	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.	320,000	0	0	50,000	0	0	0	0	270,000	0	0
Rider U.	0	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	1,000	0	0	0	500	0	0	500	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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	42,800	0	9,800	0	0	0	23,000	10,000	0	0	0
New York											
Public											
CUNY, The City C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn 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 Queens C.	3,000	0	0	0	0	0	0	3,000	0	0	0
CUNY York C.	0	0	0	0	0	0	0	0	0	0	0
SUNY Albany	0	0	0	0	0	0	0	0	0	0	0
SUNY Binghamton	45,000	0	4,500	0	22,500	0	0	9,000	0	0	9,000
SUNY Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY Stony Brook	45,000	0	0	45,000	0	0	0	0	0	0	0
SUNY C. Buffalo	2,222	0	643	0	0	0	0	1,030	0	0	550
SUNY C. Geneseo	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Oswego	3,595	1,670	0	0	0	0	0	1,119	0	0	806
SUNY C. of Environmental Science and Forestry	85,000	0	85,000	0	0	0	0	0	0	0	0
SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
SUNY Downstate Medical Ctr.	100,000	0	100,000	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	10,700	0	5,000	0	0	0	0	5,000	0	0	700
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.	3,000	0	0	0	2,250	0	0	750	0	0	0
Colgate U.	0	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	0	0	0	0	0	0	0	0	0	0	0
Cornell U.	679,270	7,125	655,700	2,850	3,705	3,620	0	3,420	1,425	1,425	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 C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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.	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
St. John's U.	0	0	0	0	0	0	0	0	0	0	0
Syracuse U.	5,000	0	5,000	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.	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.	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.	2,400	2,400	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.	67,577	3,200	0	0	1,615	0	0	62,763	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	39,500	0	0	35,000	4,500	0	0	0	0	0	0
U. NC Greensboro	26,000	0	26,000	0	0	0	0	0	0	0	0
U. NC Wilmington	67,200	4,300	30,000	0	0	0	0	0	32,900	0	0
Winston-Salem State U.	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.	3,551	0	0	0	3,551	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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
North Dakota											
Public											
ND State U.	19,950	11,450	0	0	8,500	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.	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.	20,000	0	0	0	0	0	0	20,000	0	0	0
Miami U.	0	0	0	0	0	0	0	0	0	0	0
Northeastern OH Universities C. of Medicine	30,000	0	30,000	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
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	6,394	0	6,394	0	0	0	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
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.	0	0	0	0	0	0	0	0	0	0	0
U. OK	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Tulsa	30,097	0	0	13,987	16,110	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	0	0	0	0	0	0	0	0	0	0	0
OR Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
OR State U.	81,000	8,000	63,000	0	0	10,000	0	0	0	0	0
Portland State U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
U. OR	56,500	0	14,000	500	11,000	0	0	8,000	23,000	0	0
Private											
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
PA State U.	27,365	23,000	0	0	0	0	0	0	4,365	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh	433,000	0	315,000	0	0	118,000	0	0	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Arcadia U.	0	0	0	0	0	0	0	0	0	0	0
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.	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.	26,300	0	26,300	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
La Salle U.	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
Philadelphia C. of Osteopathic Medicine	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	80,000	0	0	0	80,000	0	0	0	0	0	0
U. of the Sciences in 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
Rhode Island											
Public											
U. RI	50,990	0	5,100	0	0	45,890	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Private											
Brown 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
Coastal Carolina U.	4,683	0	2,650	0	0	333	0	1,700	0	0	0
Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
SC State U.	105,000	0	0	10,000	15,000	0	0	0	0	0	80,000
U. SC	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
Clafin U.	0	0	0	0	0	0	0	0	0	0	0
South Dakota											
Public											
Black Hills State U.	3,246	0	2,346	0	0	0	0	900	0	0	0
SD School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0
SD State U.	4,400	0	0	2,200	2,200	0	0	0	0	0	0
U. SD, The	0	0	0	0	0	0	0	0	0	0	0
Private											
Sinte Gleska U.	413	0	0	0	0	0	0	0	0	0	413
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.	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	0	0	0	0	0	0	0	0	0	0	0
U. TN	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 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.	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Texas											
Public											
Lamar U.	8,500	0	0	0	8,500	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 U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	21,998	19,215	2,783	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.	39,887	0	4,887	0	0	35,000	0	0	0	0	0
TX Woman's U.	0	0	0	0	0	0	0	0	0	0	0
U. Houston	70,000	0	0	0	0	70,000	0	0	0	0	0
U. North TX	0	0	0	0	0	0	0	0	0	0	0
U. North TX Health Science Ctr. Fort Worth	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	0	0	0	0	0	0	0	0	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	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 Health Science Ctr. Houston	155,000	0	0	0	0	155,000	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.	254,000	0	254,000	0	0	0	0	0	0	0	0
U. TX Medical Branch Galveston	90,000	0	90,000	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 of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr. Dallas	13,500	0	13,500	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	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
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.	0	0	0	0	0	0	0	0	0	0	0
Utah											
Public											
U. UT	75,190	0	70,700	0	4,490	0	0	0	0	0	0
UT State U.	4,782	4,472	0	0	310	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	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											
C. of William and Mary	4,182	4,182	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.	1,700	0	1,700	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.	12,198	0	0	0	0	12,198	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
VA Tech	193,064	54,275	29,575	0	99,914	9,300	0	0	0	0	0
Private											
Eastern VA Medical School	16,242	0	13,806	0	0	2,436	0	0	0	0	0
Hampton U.	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

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
U. WA	0	0	0	0	0	0	0	0	0	0	0
WA State U.	172,917	0	131,255	41,662	0	0	0	0	0	0	0
Western WA U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Fairmont State U.	0	0	0	0	0	0	0	0	0	0	0
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.	0	0	0	0	0	0	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	211,999	0	0	0	0	121,195	0	0	0	0	90,804
U. WI Milwaukee	104,787	12,248	19,255	0	15,674	0	0	57,610	0	0	0
U. WI Oshkosh	2,371	0	0	0	0	0	0	713	1,658	0	0
Private											
Marquette U.	0	0	0	0	0	0	0	0	0	0	0
Medical C. WI	0	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
Wyoming											
Public											
U. WY	107,581	0	20,000	0	0	0	0	87,581	0	0	0
Guam											
Public											
U. GU	0	0	0	0	0	0	0	0	0	0	0

TABLE 34. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and field: Planned to start 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 sciences
Puerto Rico											
Public											
U. PR Cayey	0	0	0	0	0	0	0	0	0	0	0
U. PR Humacao	5,578	0	0	0	0	0	0	5,578	0	0	0
U. PR Mayaguez Campus	2,000	0	0	0	2,000	0	0	0	0	0	0
U. PR Medical Sciences Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Rio Piedras Campus	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
Virgin Islands											
Public											
U. Virgin Islands	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. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Scottsdale	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	0	0	0	0	0	0	0	0	0	0	0
California											
Buck Institute for Age Research	39,800	0	39,800	0	0	0	0	0	0	0	0
Burnham Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	0	0	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Los Angeles	0	0	0	0	0	0	0	0	0	0	0
City of Hope Beckman Research Institute	0	0	0	0	0	0	0	0	0	0	0
Doheny Eye Institute	0	0	0	0	0	0	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
House Ear Institute	0	0	0	0	0	0	0	0	0	0	0
Human Biomolecular Research Institute	0	0	0	0	0	0	0	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	0	0	0	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	8,500	0	8,500	0	0	0	0	0	0	0	0
La Jolla Bioengineering Institute	0	0	0	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	0	0	0	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Public Health Institute	0	0	0	0	0	0	0	0	0	0	0
RAND Corp.	1,500	0	0	0	0	0	0	0	0	0	1,500
Salk Institute for Biological Studies	0	0	0	0	0	0	0	0	0	0	0
Scientific Analysis Corp.	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
Smith-Kettlewell Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
SRI International	0	0	0	0	0	0	0	0	0	0	0

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Torrey Pines Institute for Molecular Studies											
	0	0	0	0	0	0	0	0	0	0	0
Vaccine Research Institute of San Diego											
	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit											
	0	0	0	0	0	0	0	0	0	0	0
National Jewish Medical and Research Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Hartford Hospital											
	3,500	0	0	0	0	0	0	0	3,500	0	0
Haskins Labs.											
	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Alfred I. duPont Hospital for Children											
	300	0	300	0	0	0	0	0	0	0	0
District of Columbia											
Carnegie Institution of Washington											
	0	0	0	0	0	0	0	0	0	0	0
Children's National Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution											
	0	0	0	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute											
	0	0	0	0	0	0	0	0	0	0	0
Jaeb Ctr. for Health Research, Inc.											
	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus											
	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Pacific Health Research Institute											
	0	0	0	0	0	0	0	0	0	0	0
Queen's Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Illinois											
American Dental Association Foundation											
	0	0	0	0	0	0	0	0	0	0	0
Children's Memorial Hospital											
	0	0	0	0	0	0	0	0	0	0	0
NorthShore U. HealthSystem											
	0	0	0	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago											
	0	0	0	0	0	0	0	0	0	0	0
Indiana											
Memorial Hospital South Bend											
	500	0	0	0	0	500	0	0	0	0	0

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Kansas											
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Ochsner Clinic Foundation	12,000	0	8,000	0	0	4,000	0	0	0	0	0
Maine											
Jackson Lab.	10,354	0	10,354	0	0	0	0	0	0	0	0
ME Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Mt. Desert Island Biological Lab.	4,000	0	4,000	0	0	0	0	0	0	0	0
Maryland											
Friends Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Medstar Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Massachusetts											
Beth Israel Deaconess Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Brigham and Women's Hospital	0	0	0	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Boston	0	0	0	0	0	0	0	0	0	0	0
Dana-Farber Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Forsyth Institute	0	0	0	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	0	0	0	0	0	0	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0	0	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0	0	0	0	0	0	0
Marine Biological Lab.	0	0	0	0	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	0	0	0	0	0	0	0	0	0	0	0
MA General Hospital	0	0	0	0	0	0	0	0	0	0	0

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
McLean Hospital	0	0	0	0	0	0	0	0	0	0	0
National Bureau of Economic Research	0	0	0	0	0	0	0	0	0	0	0
Schepens Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
Tufts-New England Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Whitehead Institute for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	0	0	0	0	0	0	0	0	0	0	0
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic MN Campus	0	0	0	0	0	0	0	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Children's Mercy Hospital	1,500	0	1,500	0	0	0	0	0	0	0	0
Stowers Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	365	0	365	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
New Mexico											
Lovelace Respiratory Research Institute	472	0	472	0	0	0	0	0	0	0	0
Mind Research Network, The	0	0	0	0	0	0	0	0	0	0	0
New York											
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Cold Spring Harbor Lab.	0	0	0	0	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	0	0	0	0	0	0	0	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0	0	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0	0	0	0	0	0	0
NY Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
NY State Psychiatric Institute	0	0	0	0	0	0	0	0	0	0	0
NY Structural Biology Ctr.	0	0	0	0	0	0	0	0	0	0	0
Ordway Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Population Council	0	0	0	0	0	0	0	0	0	0	0
Riverside Research Institute	0	0	0	0	0	0	0	0	0	0	0
Roswell Park Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Sloan-Kettering Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Trudeau Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Wadsworth Ctr.	0	0	0	0	0	0	0	0	0	0	0
Winifred Masterson Burke Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	0	0	0	0	0	0	0	0	0	0	0
Hamner Institutes, The	0	0	0	0	0	0	0	0	0	0	0
RTI International	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	90,000	0	90,000	0	0	0	0	0	0	0	0
Oklahoma											
OK Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0	0	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0	0	0	0	0	0	0
OR Research Institute	17,885	0	0	0	0	0	0	0	17,885	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0	0	0	0	0	0	0
Providence Portland Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	13,100	0	13,100	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0	0	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	0	0	0	0	0	0	0	0	0	0	0
Wistar Institute	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	0	0	0	0	0	0	0	0	0	0	0
Miriam Hospital	0	0	0	0	0	0	0	0	0	0	0
RI Hospital	0	0	0	0	0	0	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Women & Infants Hospital	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	0	0	0	0	0	0	0	0	0	0	0
Texas											
Baylor Research Institute	0	0	0	0	0	0	0	0	0	0	0
Scott & White Memorial Hospital	2,400	0	2,400	0	0	0	0	0	0	0	0
Southwest Foundation for Biomedical Research	0	0	0	0	0	0	0	0	0	0	0
TX Heart Institute	0	0	0	0	0	0	0	0	0	0	0

TABLE 35. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Utah											
UT Artificial Heart Institute	0	0	0	0	0	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0	0	0	0	0	0	0
Ctr. for Health Studies	0	0	0	0	0	0	0	0	0	0	0
Fred Hutchinson Cancer Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Infectious Disease Research Institute	0	0	0	0	0	0	0	0	0	0	0
Institute for Systems Biology	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Research Institute	0	0	0	0	0	0	0	0	0	0	0
Puget Sound Blood Ctr.	900	0	900	0	0	0	0	0	0	0	0
Seattle Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Seattle Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
BloodCenter of WI	3,000	0	3,000	0	0	0	0	0	0	0	0
Marshfield Clinic	0	0	0	0	0	0	0	0	0	0	0

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 36. Costs for new construction of science and engineering research space in academic institutions, by geographic region and time of construction: FY 2006–11

(Costs in millions of dollars)

Geographic region	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
United States	5,923.5	7,406.8	8,443.2	11,485.4	3,072.7
Midwest	657.1	887.2	1,414.0	2,030.7	1,389.2
Northeast	1,595.2	2,073.8	2,573.0	2,455.2	1,009.8
South	1,902.6	2,906.5	2,357.4	3,987.5	234.8
West	1,766.7	1,478.9	2,091.1	3,012.0	436.4

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 37. Costs for new construction of science and engineering research space in biomedical institutions, by geographic region and time of construction: FY 2006–11

(Costs in millions of dollars)

Geographic region	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
United States	1,278.8	247.8	215.0	979.2	74.8
Midwest	164.8	0.0	95.6	5.0	0.0
Northeast	587.6	28.0	31.4	604.5	60.5
South	16.7	53.7	18.5	181.6	13.9
West	509.7	166.1	69.4	188.0	0.4

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Alabama</b>					
Public					
AL State U.	20,000	0	0	0	0
Auburn U.	0	32,697	16,997	5,350	0
U. AL, The	0	0	140,000	4,500	25,000
U. AL Birmingham, The	0	5,065	3,164	0	0
U. AL Huntsville, The	0	0	0	0	0
U. South AL	15,300	8,000	0	0	0
Private					
Oakwood U.	na	0	0	0	0
Tuskegee U.	3,836	0	0	0	0
<b>Alaska</b>					
Public					
U. AK Fairbanks	NA	0	196,000	100,000	0
<b>Arizona</b>					
Public					
AZ State U.	0	0	174,675	0	0
Northern AZ U.	0	0	0	0	0
U. AZ	18,605	4,446	50,105	0	0
<b>Arkansas</b>					
Public					
AR State U.	0	0	1,500	24,000	0
U. AR for Medical Sciences	0	13,491	0	0	0
U. AR Little Rock	0	5,400	14,400	0	0
U. AR main campus	8,300	48,800	0	0	0
U. AR Pine Bluff	0	0	0	0	0
U. Central AR	0	0	0	0	13,555
<b>California</b>					
Public					
CA Polytechnic State U., San Luis Obispo	788	0	22,087	851	20,000
CA State Polytechnic U., Pomona	461	0	0	0	0
CA State U., Bakersfield	4,000	1,210	0	0	15,000
CA State U., Chico	0	0	0	0	0
CA State U., Dominguez Hills	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0
CA State U., Fresno	0	0	15,000	0	0
CA State U., Fullerton	0	0	0	0	10,000
CA State U., Long Beach	0	17,500	0	0	0
CA State U., Los Angeles	0	8,833	0	0	0
CA State U., Monterey Bay	0	0	0	1,500	0
CA State U., Northridge	9,700	0	0	0	0
CA State U., Sacramento	0	0	0	85,000	0
CA State U., San Bernardino	0	0	3,110	0	0
San Diego State U.	0	0	0	0	0
San Francisco State U.	NA	2,119	0	0	0
San Jose State U.	0	0	0	0	0
U. CA, Berkeley	1,811	178,506	207,181	20,000	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
U. CA, Davis	463,085	0	16,000	277,001	0
U. CA, Irvine	133,707	56,830	0	96,709	0
U. CA, Los Angeles	155,378	0	4,314	0	0
U. CA, Merced	0	0	0	0	0
U. CA, Riverside	49,371	80,856	0	0	0
U. CA, San Diego	73,608	0	264,859	89,230	0
U. CA, San Francisco	135,000	275,590	200,000	592,073	0
U. CA, Santa Barbara	10,793	12,239	75,000	0	90,000
U. CA, Santa Cruz	0	77,491	0	0	0
Private					
C. R. Drew U. Medicine and Science	0	0	31,000	0	0
CA Institute of Technology	45,622	35,250	0	0	0
Claremont Graduate U.	0	0	0	0	0
Harvey Mudd C.	0	0	0	0	0
Loma Linda U.	0	2,854	0	0	0
Loyola Marymount U.	0	0	0	50,000	0
Occidental C.	0	0	0	0	0
Pomona C.	0	0	0	0	0
Santa Clara U.	0	0	0	0	0
Stanford U.	118,762	189,185	156,340	123,240	55,000
U. Redlands	NA	0	0	0	0
U. San Francisco	0	0	0	0	0
U. Southern CA	0	36,800	9,480	0	0
U. of the Pacific	13,000	6,600	0	0	0
Western U. of Health Sciences	315	5,507	0	0	0
Colorado					
Public					
CO School of Mines	0	0	8,550	28,500	0
CO State U.	5,549	55,083	0	0	0
U. CO Boulder	0	13,377	33,683	110,600	0
U. CO Colorado Springs	5,026	0	0	14,570	0
U. CO Denver and Health Sciences Ctr.	0	59,480	37,721	48,164	0
U. Northern CO	0	0	0	0	0
Private					
U. Denver	0	0	0	0	0
Connecticut					
Public					
Southern CT State U.	NA	0	13,199	0	0
U. CT	0	0	13,747	29,326	0
Private					
U. Hartford	0	0	0	0	0
Wesleyan U.	0	0	0	0	130,000
Yale U.	17,025	33,492	0	1,056,000	0
Delaware					
Public					
DE State U.	0	0	0	0	0
U. DE	2,723	0	153,000	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
District of Columbia					
Public					
U. DC	0	0	0	0	0
Private					
American U.	0	10,500	0	0	30,000
George Washington U.	0	0	0	0	0
Georgetown U.	0	0	104,910	0	0
Howard U.	0	0	55,000	16,000	0
Florida					
Public					
FL A&M U.	0	0	0	31,735	0
FL Atlantic U.	641	21,877	0	0	0
FL Gulf Coast U.	0	4,362	0	0	0
FL International U.	0	13,101	34,052	450	0
FL State U.	0	85,000	0	0	0
U. Central FL	0	202,244	0	0	0
U. FL	82,556	58,006	0	47,000	0
U. North FL	NA	0	40,000	0	0
U. South FL	430	25,877	0	236,195	0
U. West FL	0	12,000	0	0	0
Private					
Embry-Riddle Aeronautical U.	0	0	0	0	0
FL Institute of Technology	0	4,484	0	0	0
Nova Southeastern U.	0	0	22,600	0	0
U. Miami	180,000	8,400	66,000	0	0
Georgia					
Public					
Albany State U.	0	0	0	0	0
Fort Valley State U.	0	19,278	0	0	0
GA Institute of Technology	56,376	1,100	22,000	260,000	0
GA Southern U.	0	0	29,600	0	0
GA State U.	1,371	44,629	0	0	0
Medical C. GA	0	0	16,689	0	0
Savannah State U.	0	0	0	0	0
U. GA	2,290	19,920	0	0	0
Private					
Clark Atlanta U.	0	0	0	0	0
Emory U.	0	130,522	0	0	0
Mercer U.	0	0	0	0	0
Morehouse C.	0	0	0	0	0
Morehouse School of Medicine	0	0	0	0	0
Spelman C.	0	0	0	0	0
Hawaii					
Public					
U. HI Hilo	0	2,000	0	0	0
U. HI Manoa	11,000	22,500	0	35,000	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Idaho</b>					
Public					
Boise State U.	0	0	0	0	2,230
ID State U.	0	0	0	0	0
U. ID	3,440	0	0	84,512	0
<b>Illinois</b>					
Public					
Chicago State U.	0	0	0	0	0
IL State U.	0	0	0	0	0
Northeastern IL U.	na	0	0	0	0
Northern IL U.	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	60,574	0
Southern IL U. Edwardsville	0	0	33,683	0	0
U. IL Chicago	0	0	0	171,754	42,655
U. IL Springfield	0	252	0	0	0
U. IL Urbana-Champaign	96,800	82,000	100,500	390,000	273,000
Western IL U.	0	0	0	0	0
Private					
Bradley U.	0	0	0	0	0
DePaul U.	25,380	0	0	0	0
IL Institute of Technology	0	0	0	0	0
Loyola U. Chicago	0	0	0	0	0
Midwestern U.	1,488	56,200	0	0	0
Northwestern U.	67,980	0	17,050	228,000	0
Rosalind Franklin U. of Medicine & Science	0	0	0	0	0
Rush U.	0	0	0	0	0
U. Chicago	29,000	0	200,000	200,000	0
<b>Indiana</b>					
Public					
Ball State U.	0	0	0	0	0
IN State U.	0	0	0	0	0
IN U.	37,655	7,000	111,500	60,000	0
Purdue U.	33,225	0	70,400	0	0
Private					
Rose-Hulman Institute of Technology	0	0	0	0	0
U. of Notre Dame	26,528	20,000	0	0	0
<b>Iowa</b>					
Public					
IA State U.	14,914	80,931	22,592	0	0
U. IA	0	70,944	123,842	28,000	0
U. Northern IA	0	0	0	39,500	0
Private					
Des Moines U.	na	0	0	0	0
Palmer C. of Chiropractic	na	0	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Kansas</b>					
Public					
KS State U.	0	1,000	4,587	0	40,000
Pittsburg State U.	5,200	0	0	0	0
U. KS	13,711	3,000	25,000	0	0
Wichita State U.	12,137	0	0	0	0
<b>Kentucky</b>					
Public					
KY State U.	0	2,600	0	0	0
Morehead State U.	0	4,084	28,000	0	0
Murray State U.	10,400	0	0	37,535	0
Northern KY U.	0	0	0	0	0
U. KY	79,119	7,498	35,329	853,734	0
U. Louisville	108,630	0	0	369,962	0
Western KY U.	0	5,950	0	4,500	0
<b>Louisiana</b>					
Public					
LA State U. and A&M C.	0	11,600	0	229,852	0
LA State U. Health Sciences Ctr. New Orleans	0	0	30,808	118,976	0
LA State U. Shreveport	na	0	55,000	0	0
LA Tech U.	900	4,000	0	0	0
Northwestern State U.	na	0	0	0	0
Southeastern LA U.	0	0	0	0	0
Southern U. and A&M C. Baton Rouge	0	0	0	0	0
U. LA Lafayette	0	0	0	0	0
U. LA Monroe	0	2,724	0	0	0
U. New Orleans	0	0	0	0	0
Private					
Dillard U.	na	0	0	0	0
Tulane U.	52,210	25,897	0	15,000	0
Xavier U. LA	0	4,000	0	0	7,000
<b>Maine</b>					
Public					
U. ME	1,300	6,869	2,583	0	0
U. Southern ME	1,157	326	2,600	0	0
Private					
Colby C.	0	0	0	5,361	0
U. New England	NA	4,000	0	16,500	0
<b>Maryland</b>					
Public					
Morgan State U.	0	0	0	0	0
Towson U.	0	9,000	0	18,160	0
U. Baltimore	NA	2,948	0	0	0
U. MD Baltimore	0	0	0	269,000	0
U. MD Baltimore County	0	0	0	51,600	0
U. MD Ctr. for Environmental Science	0	0	0	0	0
U. MD College Park	7,803	0	132,299	114,500	46,800

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
U. MD Eastern Shore	0	0	0	116,625	0
Private					
Johns Hopkins U.	6,582	24,320	17,300	34,000	32,000
Massachusetts					
Public					
U. MA Amherst	12,968	82,622	0	35,000	0
U. MA Boston	750	0	130,600	0	0
U. MA Dartmouth	0	0	0	0	0
U. MA Lowell	0	0	0	0	0
U. MA Worcester	0	28,600	330,000	0	0
Private					
Amherst C.	0	0	0	0	0
Boston C.	0	0	0	0	0
Boston U.	197,500	0	0	0	0
Brandeis U.	57,980	0	0	44,380	0
Clark U.	0	0	0	0	0
Hampshire C.	0	0	0	0	0
Harvard U.	8,904	0	8,500	0	0
MA Institute of Technology	NA	373,500	0	0	0
Mt. Holyoke C.	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0
Northeastern U.	0	0	0	0	0
Smith C.	0	21,500	0	0	0
Tufts U.	0	38,207	0	0	0
Wellesley C.	0	0	0	0	0
Williams C.	0	0	0	0	0
Woods Hole Oceanographic Institution	0	0	0	10,127	0
Worcester Polytechnic Institute	19,250	0	0	0	0
Michigan					
Public					
Eastern MI U.	0	0	0	0	0
Grand Valley State U.	3,000	380	0	20,000	0
MI State U.	6,666	19,550	59,680	83,600	0
MI Technological U.	0	1,307	23,507	0	0
Oakland U.	0	0	61,748	0	0
Wayne State U.	11,214	0	0	180,000	0
Western MI U.	0	0	0	0	0
Private					
Calvin C.	0	0	0	0	0
Hope C.	0	0	0	0	0
Kettering U.	0	2,700	0	0	0
Lawrence Tech U.	5,900	0	0	0	0
Minnesota					
Public					
MN State U. Mankato	na	0	0	0	0
St. Cloud State U.	4,633	0	12,390	0	0
U. MN	58,774	100,915	0	0	0
Winona State U.	na	0	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Private					
Carleton C.	0	0	0	0	0
Macalester C.	0	0	0	0	0
Northwestern Health Sciences U.	na	0	0	0	0
St. Olaf C.	na	0	0	0	0
Mississippi					
Public					
Alcorn State U.	13,000	0	600	0	0
Jackson State U.	NA	0	0	0	0
MS State U.	6,704	989	3,000	0	0
U. MS	0	2,834	9,700	0	0
U. MS Medical Ctr.	na	0	0	0	0
U. Southern MS	0	0	0	0	18,000
Private					
Tougaloo C.	na	0	0	0	0
Missouri					
Public					
Lincoln U.	0	0	800	0	0
MO State U.	0	0	0	4,000	0
MO U. of Science and Technology	17,402	0	0	124,435	0
U. MO Columbia	9,080	18,382	80,300	16,133	215,548
U. MO Kansas City	0	0	0	91,500	0
U. MO St. Louis	38,500	0	0	0	0
Private					
A.T. Still U. of Health Sciences	0	0	0	0	0
Kansas City U. of Medicine and Biosciences	0	0	0	0	0
St. Louis U.	0	0	0	0	0
Washington U. St. Louis	0	22,859	0	80,000	0
Montana					
Public					
MT State U. Billings	na	0	0	0	0
MT State U. Bozeman	24,000	4,000	24,000	0	0
MT Tech of The U. MT	0	522	0	16,000	0
U. MT, The	0	3,609	0	0	0
Nebraska					
Public					
U. NE Lincoln	7,450	44,058	23,000	42,000	0
U. NE Omaha	0	0	0	0	0
U. NE Medical Ctr.	73,088	2,487	0	0	0
Private					
Creighton U.	0	0	0	0	0
Nevada					
Public					
Desert Research Institute	23,340	0	952	0	0
U. NV, Las Vegas	61,740	0	0	0	0
U. NV, Reno	0	30,000	0	110,000	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>New Hampshire</b>					
Public					
Plymouth State U.	na	0	0	0	0
U. NH	14,907	10,844	0	0	0
Private					
Dartmouth C.	NA	96,898	10,500	15,000	0
<b>New Jersey</b>					
Public					
Montclair State U.	NA	0	0	0	0
NJ Institute of Technology	0	0	0	0	0
Rowan U.	0	0	0	0	0
Rutgers, The State U. NJ	22,130	33,634	64,500	592,850	438,000
U. of Medicine and Dentistry NJ	39,067	0	0	0	0
Private					
Monmouth U.	0	0	0	0	0
Princeton U.	166,400	0	320,000	176,000	0
Rider U.	0	0	0	0	0
Seton Hall U.	0	0	0	0	0
Stevens Institute of Technology	0	0	1,000	2,000	2,500
<b>New Mexico</b>					
Public					
NM Highlands U.	0	0	0	0	0
NM Institute of Mining and Technology	0	3,000	0	0	0
NM State U.	0	1,525	0	0	0
U. NM	17,096	0	42,800	11,587	0
<b>New York</b>					
Public					
CUNY, The City C.	1,500	0	0	0	0
CUNY Baruch C.	0	0	0	0	0
CUNY Brooklyn C.	0	0	0	0	0
CUNY C. Staten Island	0	0	0	0	0
CUNY Graduate Ctr.	0	0	0	0	0
CUNY Herbert H. Lehman C.	0	76,781	0	52,669	0
CUNY Hunter C.	0	0	0	0	0
CUNY Queens C.	6,798	0	3,000	0	0
CUNY York C.	0	0	0	0	0
SUNY Albany	25,900	0	0	0	0
SUNY Binghamton	0	58,110	45,000	92,513	1,690
SUNY Buffalo	0	95,335	0	0	0
SUNY Stony Brook	42,750	66,582	45,000	15,000	100,000
SUNY C. Buffalo	0	0	2,222	0	0
SUNY C. Geneseo	0	0	0	0	0
SUNY C. Old Westbury	0	0	0	0	0
SUNY C. Oswego	0	0	3,595	0	0
SUNY C. of Environmental Science and Forestry	0	0	85,000	0	0
SUNY C. of Optometry	0	0	0	0	0
SUNY Downstate Medical Ctr.	0	0	100,000	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
SUNY Upstate Medical U.	0	0	72,000	0	0
Private					
Albany C. of Pharmacy	0	800	10,700	0	0
Albany Medical C.	0	8,500	0	0	0
Alfred U.	0	0	0	0	0
Barnard C.	0	0	0	0	0
Clarkson U.	0	596	3,000	0	0
Colgate U.	0	0	0	0	0
Columbia U. in the City of New York	157,609	0	0	8,400	0
Cornell U.	190,232	141,030	679,270	25,000	241,694
Fordham U.	0	0	0	2,000	0
Hamilton C.	23,641	0	0	0	0
Hobart and William Smith C.	na	0	0	0	0
Ithaca C.	0	0	0	0	0
Mt. Sinai School of Medicine	15,101	267,840	0	0	0
New School, The	0	980	0	0	0
NY Institute of Technology	0	0	0	500	0
NY Medical C.	0	0	0	0	0
NY U.	108,503	0	0	0	0
Pace U.	na	0	0	0	0
Polytechnic U.	0	0	0	0	0
Rensselaer Polytechnic Institute	0	6,400	0	0	0
Rochester Institute of Technology	0	0	0	0	0
Rockefeller U., The	0	35,303	0	0	0
St. John's U.	0	0	0	0	0
Syracuse U.	90,300	0	5,000	0	0
Teachers C., Columbia U.	0	0	0	0	0
Union C.	0	4,342	0	0	0
U. Rochester	36,081	71,400	0	0	0
Vassar C.	na	0	0	0	0
Yeshiva U.	2,870	0	0	0	0
North Carolina					
Public					
Appalachian State U.	0	0	0	0	0
East Carolina U.	0	485	527	9,839	0
Elizabeth City State U.	na	0	0	8,000	0
Fayetteville State U.	na	0	0	0	0
NC Agricultural and Technical State U.	0	0	2,400	0	0
NC Central U.	10,854	650	0	32,500	0
NC State U.	39,713	0	67,577	87,320	0
U. NC Asheville	8,800	0	0	0	0
U. NC Chapel Hill	155,903	277,649	0	0	0
U. NC Charlotte	9,749	76,000	39,500	0	0
U. NC Greensboro	0	0	26,000	0	0
U. NC Wilmington	0	3,325	67,200	43,000	0
Winston-Salem State U.	0	0	0	0	0
Private					
Davidson C.	na	0	0	30,000	0
Duke U.	17,400	0	3,551	115,330	0
Shaw U.	0	0	0	0	0
Wake Forest U.	0	0	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
North Dakota					
Public					
ND State U.	0	11,757	19,950	40,000	0
U. ND	6,600	0	0	0	0
Ohio					
Public					
Bowling Green State U.	0	0	0	0	0
Central State U.	0	3,214	0	0	0
Cleveland State U.	0	0	0	0	108,500
Kent State U.	NA	0	20,000	0	0
Miami U.	0	0	0	0	0
Northeastern OH Universities C. of Medicine	0	0	30,000	0	0
OH State U.	0	0	0	0	0
OH U.	1,310	8,209	0	0	0
U. Cincinnati	278	0	0	0	0
U. Toledo	0	0	6,394	0	30,000
Wright State U.	6,191	0	0	0	0
Youngstown State U.	0	0	0	0	16,000
Private					
Case Western Reserve U.	0	0	0	0	0
U. Dayton	1,105	0	0	0	0
Oklahoma					
Public					
Langston U.	0	0	0	0	0
OK State U.	NA	77,000	0	0	0
U. OK	0	126,910	0	60,000	0
Private					
U. Tulsa	0	0	30,097	0	0
Oregon					
Public					
OR Health & Science U.	1,999	2,088	0	0	0
OR Institute of Technology	12,600	0	0	0	0
OR State U.	0	0	81,000	0	0
Portland State U.	1,200	0	0	0	0
U. OR	11,849	0	56,500	0	0
Private					
Lewis and Clark C.	na	0	0	0	0
Reed C.	0	0	0	0	0
Pennsylvania					
Public					
PA State U.	50,475	90,878	27,365	165,920	16,000
Temple U.	70,000	0	0	0	0
U. Pittsburgh	NA	10,971	433,000	0	0
West Chester U. PA	na	0	0	0	0
Private					
Arcadia U.	na	0	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Bryn Mawr C.	0	0	0	0	0
Bucknell U.	NA	0	0	0	0
Carnegie Mellon U.	49,854	0	0	0	0
Dickinson C.	na	0	0	15,000	0
Drexel U.	NA	7,581	26,300	0	0
Duquesne U.	0	0	0	0	0
Franklin & Marshall C.	40,000	0	0	0	0
Haverford C.	na	0	0	0	0
La Salle U.	na	0	0	0	0
Lafayette C.	0	0	0	0	0
Lehigh U.	0	20,900	0	0	0
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0
Salus U.	0	0	0	0	0
St. Francis U.	1,000	0	0	0	0
St. Joseph's U.	0	0	0	0	0
Swarthmore C.	0	0	0	0	0
Thomas Jefferson U.	NA	0	0	0	0
U. PA	0	323,325	80,000	70,000	0
U. of the Sciences in Philadelphia	NA	0	0	0	0
Villanova U.	NA	0	0	NA	NA
Rhode Island					
Public					
U. RI	12,513	0	50,990	0	77,000
Private					
Brown U.	0	0	0	0	0
South Carolina					
Public					
Clemson U.	9,870	0	0	0	0
Coastal Carolina U.	0	0	4,683	2,940	0
Medical U. SC	0	112,251	0	12,000	0
SC State U.	0	2,500	105,000	0	0
U. SC	69,824	550	0	0	0
Private					
Benedict C.	0	0	0	0	0
Clafin U.	na	0	0	40,000	0
South Dakota					
Public					
Black Hills State U.	0	0	3,246	0	0
SD School of Mines and Technology	0	21,028	0	0	0
SD State U.	0	11,467	4,400	0	0
U. SD, The	0	0	0	0	0
Private					
Sinte Gleska U.	na	0	413	0	0
Tennessee					
Public					
East TN State U.	1,820	0	0	0	9,685
Middle TN State U.	0	0	0	0	0
TN State U.	0	0	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
TN Technological U.	0	0	0	0	0
U. Memphis, The	0	0	0	64,457	20,915
U. TN	10,000	0	0	0	0
U. TN Chattanooga	0	0	0	0	3,500
U. TN Martin	0	0	0	0	0
Private					
Fisk U.	0	0	0	0	0
Meharry Medical C.	0	0	0	0	0
Vanderbilt U.	54,710	0	0	25,000	0
Texas					
Public					
Lamar U.	0	0	8,500	0	0
Prairie View A&M U.	NA	0	0	0	0
Sam Houston State U.	0	0	0	0	0
Stephen F. Austin State U.	0	300	0	0	9,000
Sul Ross State U.	0	0	0	0	0
Tarleton State U.	0	5,000	0	0	0
TX A&M U.	NA	NA	NA	NA	NA
TX A&M U. Commerce	na	0	0	0	0
TX A&M U. Corpus Christi	0	0	0	0	0
TX A&M U. Kingsville	826	1,089	21,998	0	0
TX A&M U. System Health Science Ctr.	0	92,594	0	0	0
TX Southern U.	0	0	0	0	0
TX State U. San Marcos	1,398	1,070	0	0	0
TX Tech U.	10,000	0	0	0	0
TX Tech U. Health Sciences Ctr.	11,603	0	39,887	95,000	0
TX Woman's U.	0	0	0	0	0
U. Houston	0	15,053	70,000	0	0
U. North TX	NA	33,658	0	0	0
U. North TX Health Science Ctr. Fort Worth	3,003	0	0	90,000	0
U. TX Arlington	0	57,881	0	0	0
U. TX Austin	0	0	0	0	0
U. TX Brownsville	na	26,227	0	0	0
U. TX Dallas	0	0	0	0	0
U. TX El Paso	25,762	28,199	0	20,000	0
U. TX San Antonio	22,342	0	0	0	0
U. TX Health Science Ctr. Houston	0	76,022	155,000	146,000	0
U. TX Health Science Ctr. San Antonio	0	150,000	0	0	0
U. TX M.D. Anderson Cancer Ctr.	136,630	0	254,000	0	0
U. TX Medical Branch Galveston	6,221	0	90,000	0	0
U. TX Pan American	0	0	0	87,000	0
U. TX of the Permian Basin	na	18,099	0	0	0
U. TX Southwestern Medical Ctr. Dallas	21,960	195,700	13,500	22,750	0
U. TX Tyler	na	0	0	0	0
West TX A&M U.	0	0	0	0	0
Private					
Baylor C. of Medicine	50,732	0	0	0	0
Baylor U.	0	792	0	0	0
Rice U.	46,400	24,696	0	0	0
Southern Methodist U.	7,200	2,383	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
TX Christian U.	0	0	0	0	0
Trinity U.	0	0	0	0	0
Utah					
Public					
U. UT	19,858	131,920	75,190	209,778	237,500
UT State U.	22,586	82,720	4,782	0	0
Private					
Brigham Young U.	0	0	0	0	0
Vermont					
Public					
U. VT	520	46,985	0	18,820	0
Private					
Middlebury C.	na	0	0	0	0
Virginia					
Public					
C. of William and Mary	12,824	5,737	4,182	32,246	0
George Mason U.	36,800	48,300	0	22,000	0
James Madison U.	425	0	1,700	0	0
Norfolk State U.	0	0	0	0	0
Old Dominion U.	24,570	10,566	22,203	0	0
U. VA	74,550	160,250	0	0	0
VA Commonwealth U.	83,341	7,727	12,198	0	0
VA State U.	0	0	0	0	0
VA Tech	86,860	94,000	193,064	0	0
Private					
Eastern VA Medical School	0	0	16,242	0	0
Hampton U.	0	4,351	0	0	0
Washington					
Public					
Central WA U.	0	1,600	0	0	0
Eastern WA U.	0	0	0	0	0
U. WA	104,492	55,623	0	0	0
WA State U.	57,300	0	172,917	864,250	0
Western WA U.	16,277	1,271	0	0	0
Private					
Whitman C.	na	0	0	0	0
West Virginia					
Public					
Fairmont State U.	na	0	0	0	0
Marshall U.	4,500	278	0	0	10,000
WV State U.	0	0	0	0	0
WV U.	78,017	0	0	0	0
Private					
Wheeling Jesuit U.	0	0	0	0	0

TABLE 38. Costs for new construction of science and engineering research space in academic institutions, by state, control, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Wisconsin					
Public					
U. WI Eau Claire	0	0	0	0	11,877
U. WI Green Bay	0	0	0	0	0
U. WI La Crosse	0	0	0	0	0
U. WI Madison	NA	254,693	211,999	92,240	535,000
U. WI Milwaukee	0	0	104,787	20,000	76,000
U. WI Oshkosh	0	0	2,371	0	0
Private					
Marquette U.	0	14,000	0	0	0
Medical C. WI	0	0	0	0	0
Milwaukee School of Engineering	0	0	0	0	0
Wyoming					
Public					
U. WY	6,980	0	107,581	0	0
Guam					
Public					
U. GU	0	0	0	0	2,500
Puerto Rico					
Public					
U. PR Cayey	na	0	0	0	0
U. PR Humacao	0	0	5,578	0	0
U. PR Mayaguez Campus	1,800	0	2,000	0	0
U. PR Medical Sciences Campus	NA	353	0	0	0
U. PR Rio Piedras Campus	0	60,000	0	0	0
Private					
Ponce School of Medicine	0	0	0	0	0
Universidad Central Del Caribe	NA	0	0	0	0
Virgin Islands					
Public					
U. Virgin Islands	0	0	0	0	0

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

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 39. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Arizona</b>					
Banner Alzheimer's Institute	na	0	0	0	353
Mayo Clinic Scottsdale	NA	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0
Sun Health Research Institute	5,372	0	0	0	0
<b>Arkansas</b>					
AR Children's Hospital Research Institute	0	0	0	0	0
<b>California</b>					
Buck Institute for Age Research	0	0	39,800	0	0
Burnham Institute for Medical Research	1,774	67,068	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	0	0	0	0
Cedars-Sinai Medical Ctr.	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	35,000	0
Children's Hospital Los Angeles	0	0	0	0	0
City of Hope Beckman Research Institute	75,986	36,000	0	15,082	0
Doheny Eye Institute	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	0	0	0	0	0
House Ear Institute	20,328	0	0	0	0
Human Biomolecular Research Institute	na	0	0	0	0
Huntington Medical Research Institutes	0	0	0	50,000	0
J. David Gladstone Institutes, The	0	0	0	0	0
John Wayne Cancer Institute	NA	0	0	0	0
Kaiser Permanente Division of Research	0	0	8,500	0	0
La Jolla Bioengineering Institute	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	0	1,610	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	0	6,917	0	37,921	0
Northern CA Cancer Ctr.	0	0	0	0	0
Public Health Institute	NA	0	0	0	0
RAND Corp.	0	0	1,500	0	0
Salk Institute for Biological Studies	0	0	0	50,000	0
Scientific Analysis Corp.	0	0	0	0	0
Scripps Research Institute, The	251,888	0	0	0	0
Smith-Kettlewell Eye Research Institute	0	0	0	0	0
SRI International	0	3,000	0	0	0
Torrey Pines Institute for Molecular Studies	13,365	0	0	0	0
Vaccine Research Institute of San Diego	0	0	0	0	0
<b>Colorado</b>					
Kaiser Permanente Clinical Research Unit	0	0	0	0	0
National Jewish Medical and Research Ctr.	0	0	0	0	0
<b>Connecticut</b>					
Hartford Hospital	0	0	3,500	0	0
Haskins Labs.	0	0	0	0	0

TABLE 39. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Delaware</b>					
Alfred I. duPont Hospital for Children	0	0	300	0	0
<b>District of Columbia</b>					
Carnegie Institution of Washington	0	0	0	0	0
Children's National Medical Ctr.	7,644	0	0	20,000	0
<b>Florida</b>					
Foundation for Applied Molecular Evolution	na	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute	0	0	0	14,119	0
Jaeb Ctr. for Health Research, Inc.	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus	250	0	0	0	0
Mt. Sinai Medical Ctr.	na	0	0	0	0
<b>Hawaii</b>					
Pacific Health Research Institute	0	0	0	0	0
Queen's Medical Ctr.	0	0	0	0	0
<b>Illinois</b>					
American Dental Association Foundation	0	0	0	0	0
Children's Memorial Hospital	0	0	0	0	0
NorthShore U. HealthSystem	0	0	0	0	0
Rehabilitation Institute Chicago	0	0	0	0	0
<b>Indiana</b>					
Memorial Hospital South Bend	na	0	500	0	0
<b>Kansas</b>					
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0
<b>Louisiana</b>					
Children's Hospital	0	0	0	0	0
Ochsner Clinic Foundation	NA	0	12,000	0	0
<b>Maine</b>					
Jackson Lab.	0	0	10,354	18,375	0
ME Medical Ctr.	13,000	0	0	0	0
Mt. Desert Island Biological Lab.	3,649	0	4,000	0	0
<b>Maryland</b>					
Friends Research Institute, Inc.	NA	0	0	0	0
J. Craig Venter Institute	0	0	0	50,166	0
Kennedy Krieger Research Institute, Inc.	0	25,864	0	0	0
Medstar Health Research Institute	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0
<b>Massachusetts</b>					
Beth Israel Deaconess Medical Ctr.	77,000	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0

TABLE 39. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Brigham and Women's Hospital	0	0	0	0	0
Charles Stark Draper Lab.	na	6,090	0	0	0
Children's Hospital Boston	0	0	0	0	0
Dana-Farber Cancer Institute	8,600	6,220	0	8,150	0
Forsyth Institute	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	14,600	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0
Marine Biological Lab.	NA	692	0	45,000	0
MA Eye and Ear Infirmary	0	0	0	0	0
MA General Hospital	3,000	0	0	512,000	0
McLean Hospital	0	0	0	0	0
National Bureau of Economic Research	NA	0	0	0	0
Schepens Eye Research Institute	0	0	0	0	0
Tufts-New England Medical Ctr.	0	0	0	0	0
Whitehead Institute for Biomedical Research	632	0	0	0	0
Michigan					
Henry Ford Health System	0	0	0	0	0
Van Andel Research Institute	110,440	0	0	0	0
William Beaumont Hospital, Research Institute	0	0	0	0	0
Minnesota					
Health Partners Research Foundation	0	0	0	0	0
Mayo Clinic MN Campus	8,440	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0
Missouri					
Children's Mercy Hospital	0	0	1,500	0	0
Stowers Institute for Medical Research	0	0	0	0	0
Montana					
McLaughlin Research Institute	0	804	365	0	0
Nevada					
NV Cancer Institute	na	50,040	0	0	0
New Jersey					
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0
Kessler Foundation Research Ctr.	na	0	0	0	0
New Mexico					
Lovelace Respiratory Research Institute	3,546	0	472	0	0
Mind Research Network, The	na	0	0	0	0
New York					
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0

TABLE 39. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Beth Israel Medical Ctr.	0	0	0	0	0
Cold Spring Harbor Lab.	50,000	900	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	15,000	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0
Montefiore Medical Ctr.	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0
NY Blood Ctr.	0	0	0	0	0
NY State Psychiatric Institute	0	0	0	0	0
NY Structural Biology Ctr.	0	0	0	0	0
Ordway Research Institute, Inc.	0	0	0	0	0
Population Council	NA	0	0	0	0
Riverside Research Institute	0	0	0	0	0
Roswell Park Cancer Institute	0	0	0	0	0
Sloan-Kettering Institute for Cancer Research	122,000	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0
Trudeau Institute, Inc.	0	12,600	0	0	0
Wadsworth Ctr.	NA	0	0	0	0
Winifred Masterson Burke Medical Research Institute	0	0	0	0	0
North Carolina					
Family Health International	0	0	0	0	0
Hamner Institutes, The	na	3,000	0	0	0
RTI International	NA	0	0	0	0
Ohio					
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	0 8,250	0 0	0 90,000	0 5,000	0 0
Oklahoma					
OK Medical Research Foundation	1,723	15,550	0	0	0
Oregon					
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0
OR Research Institute	0	0	17,885	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0
Providence Portland Medical Ctr.	NA	0	0	0	0
Pennsylvania					
Allegheny-Singer Research Institute	0	0	0	0	0
Children's Hospital Philadelphia	143,000	0	0	0	0

TABLE 39. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Children's Hospital Pittsburgh UPMC	124,200	0	0	0	0
Fox Chase Cancer Ctr.	na	0	13,100	0	0
Lankenau Institute for Medical Research	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0
Weis Ctr. for Research Geisinger Clinic	NA	0	0	0	10,000
Wistar Institute	0	0	0	0	50,000
Rhode Island					
Butler Hospital	0	0	0	0	0
Miriam Hospital	0	0	0	0	0
RI Hospital	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0
Women & Infants Hospital	0	0	0	0	0
South Carolina					
Spartanburg Regional Medical Ctr.	0	0	0	0	0
Tennessee					
St. Jude Children's Research Hospital	420	0	0	0	0
Texas					
Baylor Research Institute	0	0	0	0	0
Scott & White Memorial Hospital	2,680	6,700	2,400	40,000	11,000
Southwest Foundation for Biomedical Research	658	0	0	24,382	0
TX Heart Institute	na	0	0	11,000	0
Utah					
UT Artificial Heart Institute	0	0	0	0	0
Washington					
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0
Ctr. for Health Studies	0	0	0	0	0
Fred Hutchinson Cancer Research Ctr.	0	0	0	0	0
Infectious Disease Research Institute	NA	0	0	0	0
Institute for Systems Biology	0	0	0	0	0
Pacific Northwest Research Institute	NA	0	0	0	0
Puget Sound Blood Ctr.	0	0	900	0	0
Seattle Biomedical Research Institute	0	0	0	0	0
Seattle Children's Hospital	100,000	0	0	0	0
Swedish Medical Ctr./First Hill	806	0	0	0	0

TABLE 39. Costs for new construction of science and engineering research space in biomedical institutions, by state, institution, and time of construction: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Wisconsin					
BloodCenter of WI	0	0	3,000	0	0
Marshfield Clinic	2,069	0	0	0	0

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

NOTES: Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 40. Costs for new construction of science and engineering research space in academic institutions, by field: FY 1986–2005

(Costs in millions of dollars)

Field	FY 1986	FY 1988	FY 1990	FY 1992	FY 1994	FY 1996	FY 1999	FY 2003	FY 2005
All research space	2,051	2,464	2,940 r	2,812	2,768	3,110	3,222	7,388.7	6,030.3
Agricultural sciences	150	152	175	210	150	273	224	142.3	170.9
Biological sciences	463	577	832	633	614	582	781	1,944.7	2,000.4
Computer sciences	61	65	40	47	46	21	75	338.4	122.0
Earth, atmospheric, and ocean sciences	57	82	170	123	33	172	149	194.2	99.1
Engineering	430	388	395	286	575	332	416	1,055.3	873.4
Mathematics	2	8	12	10	2	9	13	9.3	15.6
Medical sciences	505	648	807	999	647	1,043	881	2,256.0	2,075.0
Physical sciences	182	401	430	337	426	381	419	782.4	398.9
Psychology	23	25	NA	16	42	77	49	73.3	91.7
Social sciences	38	48	NA	44	112	75	55	148.4	78.9
Other sciences	139	70	79	106	122	145	159	444.4	104.5
Research animal space	na	na	na	na	na	na	223	731.9	657.4

na = not applicable; question was not asked. NA = not available. r = revised from previously published data.

NOTES: Fields of science were updated in FY 2007 to reflect National Center for Education Statistics 2000 Classification of Instructional Programs. This table displays field name as collected in prior years. These data may not be comparable to data collected by field in FY 2007 and later years. Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals. This question on construction costs was not asked for FY 2000–01; therefore, no data are reported. Only construction projects costing over \$250,000 for a single field were reported for FY 2002–05; construction projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 41. Costs for new construction of science and engineering research space in biomedical institutions, by field: FY 1999–2005

(Costs in millions of dollars)

Field	FY 1999	FY 2003	FY 2005
All research space	1,114.2	1,609.8	477.0
Agricultural sciences	0.0	0.0	0.3
Biological sciences	587.8	1,101.4	289.8
Computer sciences	0.0	0.5	0.0
Earth, atmospheric, and ocean sciences	0.0	0.0	8.2
Engineering	0.0	0.0	6.6
Mathematics	0.0	0.0	0.0
Medical sciences	504.3	355.5	163.3
Physical sciences	0.0	10.0	7.2
Psychology	0.6	0.0	1.4
Social sciences	15.4	0.0	0.0
Other sciences	6.2	142.4	0.3
Research animal space	100.7	169.1	80.7

NOTES: Fields of science were updated in FY 2007 to reflect National Center for Education Statistics 2000 Classification of Instructional Programs. This table displays field name as collected in prior years. These data may not be comparable to data collected by field in FY 2007 and later years. Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals. This question on construction costs was not asked for FY 2000–01; therefore, no data are reported. Only construction projects costing over \$250,000 for a single field were reported for FY 2002–05; construction projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 42. Costs for repair and renovation of science and engineering research space in academic institutions, by field and time of repair and renovation: FY 2008–11

(Costs in millions of dollars)

Field	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
			Included in institutional plan	Not included in institutional plan
All research space	3,015.8	3,606.1	5,812.3	3,147.3
Agricultural and natural resources sciences	144.8	76.7	241.1	442.9
Biological and biomedical sciences	1,061.1	1,386.7	1,642.7	710.5
Computer and information sciences	34.2	35.8	79.6	99.0
Engineering	438.8	442.9	653.4	404.4
Health and clinical sciences	702.4	838.2	1,426.4	531.4
Mathematics and statistics	10.7	18.4	82.9	60.3
Physical sciences				
Earth, atmospheric, and ocean sciences	78.3	102.9	350.4	148.6
Astronomy, chemistry, and physics	408.7	430.5	794.4	383.2
Psychology	47.5	142.8	256.5	114.6
Social sciences	45.0	55.7	165.2	147.2
Other sciences	44.3	75.6	119.7	105.1
Research animal space	285.1	266.2	303.6	245.3

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 43. Costs for repair and renovation of science and engineering research space in biomedical institutions, by field and time of repair and renovation: FY 2008–11

(Costs in millions of dollars)

Field	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
			Included in institutional plan	Not included in institutional plan
All research space	383.4	323.0	463.6	197.4
Agricultural and natural resources sciences	0.3	0.0	8.9	7.3
Biological and biomedical sciences	315.7	270.5	416.9	146.0
Computer and information sciences	6.0	6.7	27.6	0.0
Engineering	2.3	4.2	4.3	0.0
Health and clinical sciences	43.3	34.4	3.9	40.2
Mathematics and statistics	0.0	0.0	0.0	0.0
Physical sciences				
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	4.0	3.3	1.5	2.9
Psychology	1.2	0.7	0.0	1.1
Social sciences	0.4	1.0	0.0	0.0
Other sciences	10.3	2.1	0.4	0.0
Research animal space	73.2	80.4	151.2	48.7

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 44. Costs for repair and renovation of science and engineering research space in academic and biomedical institutions, by field and time of repair and renovation: FY 2006–11

(Costs in millions of dollars)

Field	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
All research space	3,713.4	3,399.2	3,929.1	6,276.0	3,344.8
Agricultural and natural resources sciences	107.5	145.2	76.7	250.0	450.2
Biological and biomedical sciences	1,175.3	1,376.8	1,657.2	2,059.6	856.5
Computer and information sciences	59.2	40.3	42.5	107.3	99.0
Engineering	243.2	441.1	447.1	657.8	404.4
Health and clinical sciences	1,430.5	745.6	872.6	1,430.3	571.6
Mathematics and statistics	13.3	10.7	18.4	82.9	60.3
Physical sciences					
Earth, atmospheric, and ocean sciences	88.0	78.3	102.9	350.4	148.6
Astronomy, chemistry, and physics	418.0	412.7	433.8	795.8	386.1
Psychology	79.3	48.7	143.5	256.5	115.7
Social sciences	43.5	45.4	56.7	165.2	147.2
Other sciences	55.5	54.6	77.7	120.1	105.1
Research animal space	269.0	358.2	346.6	454.8	294.0

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 45. Costs for repair and renovation of science and engineering research space, by type of institution and time of repair and renovation: 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	Planned to start in FY 2010 or FY 2011	Deferred projects	
					Included in institutional plan	Not included in institutional plan
All academic	2,445.9	3,361.6	3,015.8	3,606.1	5,812.3	3,147.3
Doctorate granting	2,385.1	3,276.2	2,920.8	3,459.4	5,603.7	3,056.3
Nondoctorate granting	60.8	85.4	95.0	146.7	208.7	91.0
Public	1,364.4	1,924.5	1,651.0	2,381.6	4,957.1	2,729.4
Private	1,081.6	1,437.1	1,364.8	1,224.5	855.3	417.9
Medical schools	909.6	1,083.3	920.3	1,082.8	1,552.8	449.9
All biomedical	242.3	351.8	383.4	323.0	463.6	197.4
Research institutions	144.2	158.3	170.0	171.6	312.4	171.0
Hospitals	98.1	193.5	213.4	151.4	151.2	26.4

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 46. Costs for repair and renovation of science and engineering research animal space, by type of institution and time of repair and renovation: 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	Planned to start in FY 2010 or FY 2011	Deferred projects	
					Included in institutional plan	Not included in institutional plan
All academic	207.0	178.6	285.1	266.2	303.6	245.3
Doctorate granting	204.6	178.2	281.2	258.5	299.7	218.8
Nondoctorate granting	2.4	0.4	3.9	7.7	3.9	26.4
Public	79.6	99.1	174.5	181.9	274.5	171.0
Private	127.4	79.5	110.5	84.3	29.2	74.3
All biomedical	48.0	90.4	73.2	80.4	151.2	48.7
Research institutions	32.3	42.5	38.7	46.3	82.0	37.8
Hospitals	15.7	47.9	34.5	34.1	69.2	10.9

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 47. Costs for repair and renovation of science and engineering research space in academic institutions, by field and geographic region: Started in FY 2008 or FY 2009

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	3,015.8	615.5	1,243.5	642.8	511.6
Agricultural and natural resources sciences	144.8	71.4	27.5	24.1	21.9
Biological and biomedical sciences	1,061.1	163.7	538.1	231.3	126.3
Computer and information sciences	34.2	7.0	9.8	8.7	8.7
Engineering	438.8	90.3	117.9	145.2	85.4
Health and clinical sciences	702.4	115.5	272.5	152.9	161.2
Mathematics and statistics	10.7	2.1	4.5	1.5	2.6
Physical sciences					
Earth, atmospheric, and ocean sciences	78.3	18.3	36.3	9.7	14.0
Astronomy, chemistry, and physics	408.7	131.1	179.0	39.8	58.6
Psychology	47.5	9.7	24.5	8.9	4.4
Social sciences	45.0	2.4	10.5	12.0	20.2
Other sciences	44.3	4.2	22.9	8.8	8.4

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 48. Costs for repair and renovation of science and engineering research space in biomedical institutions, by field and geographic region: Started in FY 2008 or FY 2009

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	383.4	65.9	170.0	58.7	88.9
Agricultural and natural resources sciences	0.3	0.0	0.3	0.0	0.0
Biological and biomedical sciences	315.7	43.8	147.7	51.5	72.8
Computer and information sciences	6.0	1.0	0.8	2.5	1.8
Engineering	2.3	0.0	0.0	0.0	2.3
Health and clinical sciences	43.3	21.1	11.6	2.3	8.2
Mathematics and statistics	0.0	0.0	0.0	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	4.0	0.0	0.0	2.0	2.0
Psychology	1.2	0.0	0.8	0.4	0.0
Social sciences	0.4	0.0	0.4	0.0	0.0
Other sciences	10.3	0.0	8.5	0.0	1.8

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
<b>Alabama</b>											
Public											
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U.	0	0	0	0	0	0	0	0	0	0	0
U. AL, The	707	0	0	0	707	0	0	0	0	0	0
U. AL Birmingham, The	5,087	0	1,827	0	0	3,260	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Oakwood U.	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
<b>Alaska</b>											
Public											
U. AK Fairbanks	9,000	0	9,000	0	0	0	0	0	0	0	0
<b>Arizona</b>											
Public											
AZ State U.	7,449	0	1,604	0	1,940	687	0	1,257	1,961	0	0
Northern AZ U.	500	0	500	0	0	0	0	0	0	0	0
U. AZ	2,918	0	0	0	0	2,918	0	0	0	0	0
<b>Arkansas</b>											
Public											
AR State U.	0	0	0	0	0	0	0	0	0	0	0
U. AR for Medical Sciences	2,267	0	1,697	0	0	571	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
<b>California</b>											
Public											
CA Polytechnic State U., San Luis Obispo	0	0	0	0	0	0	0	0	0	0	0
CA State Polytechnic U., Pomona	463	0	0	0	463	0	0	0	0	0	0
CA State U., Bakersfield	1,025	0	450	325	0	0	0	250	0	0	0
CA State U., Chico	0	0	0	0	0	0	0	0	0	0	0
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	667	333	0	0	0	333	0	0	0	0	0
CA State U., Fullerton	900	0	900	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	787	0	491	0	0	0	0	296	0	0	0
San Diego State U.	1,400	0	1,400	0	0	0	0	0	0	0	0
San Francisco State U.	3,210	0	0	779	559	0	779	1,094	0	0	0
San Jose State U.	0	0	0	0	0	0	0	0	0	0	0
U. CA, Berkeley	19,534	0	2,088	0	4,237	0	0	9,062	0	617	3,530
U. CA, Davis	57,272	10,300	0	0	0	46,972	0	0	0	0	0
U. CA, Irvine	8,999	0	7,292	0	0	0	0	1,707	0	0	0
U. CA, Los Angeles	9,524	0	3,164	0	1,160	3,747	0	346	428	680	0
U. CA, Merced	7,447	0	7,447	0	0	0	0	0	0	0	0
U. CA, Riverside	15,535	0	1,979	0	0	0	0	0	691	12,865	0
U. CA, San Diego	16,121	0	0	3,740	3,781	5,530	610	2,459	0	0	0
U. CA, San Francisco	7,631	0	3,461	0	0	3,439	0	0	0	0	731
U. CA, Santa Barbara	11,770	0	2,123	0	5,842	0	0	721	0	0	3,084
U. CA, Santa Cruz	3,721	0	816	0	1,840	0	0	1,065	0	0	0
Private											
C. R. Drew U. Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
CA Institute of Technology	24,993	0	835	0	21,953	0	0	2,204	0	0	0
Claremont Graduate U.	400	0	0	0	0	0	0	0	400	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.	0	0	0	0	0	0	0	0	0	0	0
Pomona C.	14,336	0	14,336	0	0	0	0	0	0	0	0
Santa Clara U.	3,485	0	0	0	720	0	0	1,309	0	1,457	0
Stanford U.	51,436	0	0	0	6,274	32,543	0	12,243	0	375	0
U. Redlands	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	10,151	0	5,176	0	272	0	0	4,703	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

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Colorado											
Public											
CO School of Mines	1,900	0	0	0	1,900	0	0	0	0	0	0
CO State U.	4,896	1,601	650	0	430	1,255	0	0	0	0	960
U. CO Boulder	0	0	0	0	0	0	0	0	0	0	0
U. CO Colorado Springs	0	0	0	0	0	0	0	0	0	0	0
U. CO Denver and Health Sciences Ctr.	25,424	0	4,480	0	290	20,655	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	450	0	450	0	0	0	0	0	0	0	0
Connecticut											
Public											
Southern CT State U.	0	0	0	0	0	0	0	0	0	0	0
U. CT	52,515	0	0	0	0	51,565	0	0	950	0	0
Private											
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	1,050	0	300	0	0	0	0	250	500	0	0
Yale U.	141,291	4,389	1,548	0	3,659	111,106	0	14,390	2,894	3,306	0
Delaware											
Public											
DE State U.	0	0	0	0	0	0	0	0	0	0	0
U. DE	7,968	389	881	0	834	0	0	1,490	4,373	0	0
District of Columbia											
Public											
U. DC	0	0	0	0	0	0	0	0	0	0	0
Private											
American U.	3,100	0	0	0	0	0	0	0	0	3,100	0
George Washington U.	345	0	345	0	0	0	0	0	0	0	0
Georgetown U.	1,940	0	1,290	0	0	650	0	0	0	0	0
Howard U.	1,385	0	831	0	554	0	0	0	0	0	0
Florida											
Public											
FL A&M U.	1,400	1,400	0	0	0	0	0	0	0	0	0
FL Atlantic U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	1,317	0	0	0	0	298	0	1,019	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	390	0	0	0	0	390	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	4,985	0	0	0	801	2,856	0	1,328	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	17,051	0	7,127	0	0	9,924	0	0	0	0	0
Georgia											
Public											
Albany State U.	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	0	0	0	0	0	0	0	0	0	0	0
GA Institute of Technology	22,500	0	0	2,400	18,900	0	0	0	1,200	0	0
GA Southern U.	6,841	0	0	0	0	6,841	0	0	0	0	0
GA State U.	6,181	0	1,739	0	0	0	0	2,915	1,526	0	0
Medical C. GA	9,248	0	9,248	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0
U. GA	2,800	0	1,400	0	0	0	0	1,400	0	0	0
Private											
Clark Atlanta U.	0	0	0	0	0	0	0	0	0	0	0
Emory U.	2,942	0	0	0	0	0	0	1,794	496	653	0
Mercer U.	1,663	0	0	0	0	764	0	0	0	0	899
Morehouse C.	0	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	354	0	354	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	26,768	346	4,844	0	0	284	1,174	16,006	600	3,514	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Idaho											
Public											
Boise State U.	1,100	0	450	0	0	0	0	650	0	0	0
ID State U.	2,214	0	693	0	315	948	0	0	0	258	0
U. ID	9,320	3,884	3,191	337	1,909	0	0	0	0	0	0
Illinois											
Public											
Chicago 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
Northeastern IL 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	3,776	0	1,447	0	0	1,942	0	387	0	0	0
U. IL Springfield	0	0	0	0	0	0	0	0	0	0	0
U. IL Urbana-Champaign	15,620	3,150	3,700	350	1,650	260	300	5,400	260	550	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	2,331	0	2,331	0	0	0	0	0	0	0	0
Midwestern U.	4,390	0	4,390	0	0	0	0	0	0	0	0
Northwestern U.	54,673	0	13,441	0	2,500	19,038	0	15,592	512	500	3,089
Rosalind Franklin U. of Medicine & Science	0	0	0	0	0	0	0	0	0	0	0
Rush U.	1,000	0	1,000	0	0	0	0	0	0	0	0
U. Chicago	63,173	0	20,000	0	0	30,000	0	13,173	0	0	0
Indiana											
Public											
Ball State U.	0	0	0	0	0	0	0	0	0	0	0
IN State U.	1,631	0	0	0	0	0	0	0	1,631	0	0
IN U.	9,921	0	443	0	1,512	7,966	0	0	0	0	0
Purdue U.	44,468	0	28,550	0	1,408	0	1,500	12,000	0	0	1,010
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. of Notre Dame	4,683	0	689	0	473	0	0	3,521	0	0	0
Iowa											
Public											
IA State U.	1,105	0	1,105	0	0	0	0	0	0	0	0
U. IA	23,834	0	7,778	0	872	317	0	10,123	4,233	512	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Des Moines U.	0	0	0	0	0	0	0	0	0	0	0
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	4,154	0	2,837	0	1,065	252	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
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.	887	0	612	0	0	275	0	0	0	0	0
Northern KY U.	0	0	0	0	0	0	0	0	0	0	0
U. KY	11,376	1,197	4,393	0	0	1,612	0	4,174	0	0	0
U. Louisville	8,700	0	5,990	0	2,710	0	0	0	0	0	0
Western KY U.	2,773	0	0	0	2,773	0	0	0	0	0	0
Louisiana											
Public											
LA State U. and A&M C.	23,417	11,035	2,552	1,880	7,220	0	380	350	0	0	0
LA State U. Health Sciences											
Ctr. New Orleans	6,038	0	4,237	0	0	1,802	0	0	0	0	0
LA State U. Shreveport	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	3,000	0	0	0	3,000	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

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. LA Monroe	0	0	0	0	0	0	0	0	0	0	0
U. New Orleans	2,326	0	0	0	1,440	0	0	0	0	0	887
Private											
Dillard U.	0	0	0	0	0	0	0	0	0	0	0
Tulane U.	12,399	0	9,783	0	0	2,208	0	408	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											
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.	755	0	0	0	0	0	0	755	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD Baltimore	1,125	0	500	0	0	625	0	0	0	0	0
U. MD Baltimore County	713	0	0	0	313	0	0	0	0	401	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD College Park	9,084	290	905	0	1,986	3,839	0	1,774	0	290	0
U. MD Eastern Shore	1,060	1,060	0	0	0	0	0	0	0	0	0
Private											
Johns Hopkins U.	27,716	0	9,623	1,882	13,111	1,200	0	0	0	0	1,900
Massachusetts											
Public											
U. MA Amherst	34,291	7,080	10,086	4,632	4,876	485	1,232	5,076	476	349	0
U. MA Boston	6,073	0	0	0	0	690	0	0	0	0	5,383
U. MA Dartmouth	2,230	0	1,480	0	0	0	0	750	0	0	0
U. MA Lowell	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	13,301	0	8,247	0	0	5,054	0	0	0	0	0
Private											
Amherst C.	0	0	0	0	0	0	0	0	0	0	0
Boston C.	20,801	0	3,400	0	0	0	0	16,000	1,401	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Boston U.	34,051	0	0	532	502	7,157	0	25,562	298	0	0
Brandeis U.	5,100	0	3,500	0	0	0	0	1,200	400	0	0
Clark U.	0	0	0	0	0	0	0	0	0	0	0
Hampshire C.	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	108,061	0	67,451	300	5,426	0	0	27,140	5,893	1,852	0
MA Institute of Technology	13,946	0	2,700	0	11,246	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.	15,265	0	1,642	0	3,167	665	0	8,145	1,647	0	0
Smith C.	285	0	285	0	0	0	0	0	0	0	0
Tufts U.	40,717	0	6,341	0	959	33,417	0	0	0	0	0
Wellesley C.	1,003	0	506	0	0	0	0	496	0	0	0
Williams C.	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	2,333	0	0	0	0	0	0	2,333	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.	1,500	0	0	0	0	0	0	1,500	0	0	0
MI State U.	8,353	257	2,397	0	2,780	1,367	0	1,552	0	0	0
MI Technological U.	0	0	0	0	0	0	0	0	0	0	0
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	29,836	0	381	1,955	0	500	0	27,000	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 Tech U.	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.	5,000	0	0	0	0	4,000	0	1,000	0	0	0
U. MN	12,931	5,170	0	0	1,409	6,352	0	0	0	0	0
Winona State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Carleton C.	710	0	0	0	0	0	0	0	0	710	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Macalester C.	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.	250	0	0	0	0	0	250	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.	8,936	6,322	2,614	0	0	0	0	0	0	0	0
U. MS	8,970	0	5,370	0	0	3,600	0	0	0	0	0
U. MS Medical Ctr.	821	0	0	0	0	821	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
Missouri											
Public											
Lincoln U.	0	0	0	0	0	0	0	0	0	0	0
MO State U.	6,150	0	2,860	0	0	0	0	3,290	0	0	0
MO U. of Science and Technology	694	0	0	0	274	0	0	420	0	0	0
U. MO Columbia	31,501	2,339	760	0	24,671	1,527	0	589	1,615	0	0
U. MO Kansas City	10,257	0	0	0	0	10,257	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
Kansas City U. of Medicine and Biosciences	0	0	0	0	0	0	0	0	0	0	0
St. Louis U.	2,200	0	1,000	0	0	1,200	0	0	0	0	0
Washington U. St. Louis	21,752	0	12,701	0	3,578	1,555	0	3,534	385	0	0
Montana											
Public											
MT State U. Billings	0	0	0	0	0	0	0	0	0	0	0
MT State U. Bozeman	2,100	0	0	0	2,100	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	447	0	447	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Nebraska											
Public											
U. NE Lincoln	97,066	45,967	1,840	0	34,716	13,463	0	1,081	0	0	0
U. NE Omaha	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
Private											
Creighton U.	3,975	0	0	0	0	3,975	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	962	0	415	0	250	297	0	0	0	0	0
U. NV, Reno	3,390	1,518	0	0	1,330	0	0	542	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.	3,898	0	3,898	0	0	0	0	0	0	0	0
New Jersey											
Public											
Montclair State U.	4,450	0	0	0	0	3,800	0	650	0	0	0
NJ Institute of Technology	1,800	0	0	0	1,800	0	0	0	0	0	0
Rowan U.	2,035	0	0	0	2,035	0	0	0	0	0	0
Rutgers, The State U. NJ	6,100	2,430	577	0	850	1,798	0	446	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.	20,561	0	1,956	0	8,307	0	752	9,280	0	266	0
Rider U.	0	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	656	0	0	256	0	0	0	400	0	0	0
Stevens Institute of Technology	750	0	0	0	250	0	0	500	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
NM Institute of Mining and Technology	2,500	0	0	0	1,250	0	0	1,250	0	0	0
NM State U.	4,106	0	0	0	0	0	0	4,106	0	0	0
U. NM	5,510	0	2,500	0	0	2,760	0	0	250	0	0
New York											
Public											
CUNY, The City C.	1,750	0	0	0	1,750	0	0	0	0	0	0
CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn C.	2,601	1,401	0	0	0	0	0	900	0	0	300
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.	2,200	0	1,200	0	0	0	0	0	1,000	0	0
CUNY Queens C.	1,100	0	0	0	0	0	0	800	300	0	0
CUNY York C.	0	0	0	0	0	0	0	0	0	0	0
SUNY Albany	46,500	0	0	0	31,000	0	0	0	0	0	15,500
SUNY Binghamton	18,880	0	714	0	4,209	0	0	13,659	298	0	0
SUNY Buffalo	3,154	0	0	1,261	0	1,893	0	0	0	0	0
SUNY Stony Brook	12,157	0	5,319	0	0	4,497	296	2,045	0	0	0
SUNY C. Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Geneseo	15,062	0	0	0	0	0	0	15,062	0	0	0
SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Oswego	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 Downstate Medical Ctr.	21,185	0	21,185	0	0	0	0	0	0	0	0
SUNY Upstate Medical U.	19,622	0	19,622	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.	2,066	0	2,066	0	0	0	0	0	0	0	0
Alfred U.	1,723	0	0	0	1,723	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.	673	0	0	0	0	0	0	312	361	0	0
Columbia U. in the City of New York	16,023	0	931	1,554	1,372	0	0	12,165	0	0	0
Cornell U.	118,226	851	98,565	0	8,704	1,584	0	3,405	3,411	1,706	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 C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	27,000	0	27,000	0	0	0	0	0	0	0	0
New School, The	250	0	0	250	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.	348	0	348	0	0	0	0	0	0	0	0
NY U.	22,945	0	6,100	0	0	845	0	14,000	2,000	0	0
Pace U.	7,375	0	7,375	0	0	0	0	0	0	0	0
Polytechnic U.	0	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	6,400	0	0	0	6,400	0	0	0	0	0	0
Rochester Institute of Technology	416	0	0	0	416	0	0	0	0	0	0
Rockefeller U., The	146,257	0	145,759	0	0	499	0	0	0	0	0
St. John's U.	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.	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	25,231	0	3,188	0	695	20,924	0	423	0	0	0
Vassar C.	250	0	0	0	0	0	0	250	0	0	0
Yeshiva U.	11,063	0	5,132	0	0	4,262	0	0	0	0	1,668
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.	268	0	0	0	0	0	0	268	0	0	0
Fayetteville State U.	400	0	0	0	0	0	0	400	0	0	0
NC Agricultural and Technical State U.	16,736	0	6,636	0	10,100	0	0	0	0	0	0
NC Central U.	950	0	950	0	0	0	0	0	0	0	0
NC State U.	4,675	1,467	1,012	0	579	1,617	0	0	0	0	0
U. NC Asheville	0	0	0	0	0	0	0	0	0	0	0
U. NC Chapel Hill	10,210	0	10,210	0	0	0	0	0	0	0	0
U. NC Charlotte	6,050	0	0	0	6,050	0	0	0	0	0	0
U. NC Greensboro	288	0	0	0	0	288	0	0	0	0	0
U. NC Wilmington	5,000	0	5,000	0	0	0	0	0	0	0	0
Winston-Salem State U.	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.	71,030	0	13,287	0	3,300	49,314	0	4,837	0	292	0
Shaw U.	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	4,841	0	0	0	0	4,841	0	0	0	0	0

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TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
North Dakota											
Public											
ND State U.	326	0	0	0	0	326	0	0	0	0	0
U. ND	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	2,215	0	766	507	0	263	0	679	0	0	0
Central State U.	250	0	0	0	250	0	0	0	0	0	0
Cleveland State U.	6,220	260	2,000	0	0	0	0	3,960	0	0	0
Kent State U.	0	0	0	0	0	0	0	0	0	0	0
Miami U.	10,727	0	10,727	0	0	0	0	0	0	0	0
Northeastern OH Universities C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
OH State U.	2,884	0	2,117	0	767	0	0	0	0	0	0
OH U.	2,829	0	1,006	0	1,083	740	0	0	0	0	0
U. Cincinnati	0	0	0	0	0	0	0	0	0	0	0
U. Toledo	7,025	0	3,250	0	2,875	0	0	900	0	0	0
Wright State U.	6,625	0	2,400	0	0	0	0	4,225	0	0	0
Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Case Western Reserve U.	3,520	0	1,187	0	0	2,333	0	0	0	0	0
U. Dayton	2,351	0	0	0	2,351	0	0	0	0	0	0
Oklahoma											
Public											
Langston U.	0	0	0	0	0	0	0	0	0	0	0
OK State U.	0	0	0	0	0	0	0	0	0	0	0
U. OK	517	0	517	0	0	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.	38,300	0	24,600	0	0	13,700	0	0	0	0	0
OR Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
OR State U.	20,952	783	4,230	0	15,565	0	0	375	0	0	0
Portland State U.	6,534	284	1,963	0	291	0	0	3,997	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. OR	1,539	0	652	0	400	0	0	487	0	0	0
Private											
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
PA State U.	0	0	0	0	0	0	0	0	0	0	0
Temple U.	3,700	0	0	0	1,200	2,500	0	0	0	0	0
U. Pittsburgh	56,880	0	27,553	0	5,908	1,266	0	21,680	474	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Arcadia U.	0	0	0	0	0	0	0	0	0	0	0
Bryn Mawr C.	3,106	0	741	385	0	0	383	1,597	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	14,677	0	10,794	263	1,242	0	0	1,080	1,298	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	1,600	0	1,600	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
La Salle U.	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.	4,000	0	0	0	0	0	0	4,000	0	0	0
Philadelphia C. of Osteopathic Medicine	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.	1,060	0	0	0	0	0	0	260	800	0	0
Swarthmore C.	0	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	4,280	0	4,280	0	0	0	0	0	0	0	0
U. PA	48,278	0	17,481	0	7,067	14,550	640	5,530	0	3,009	0
U. of the Sciences in 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
Rhode Island											
Public											
U. RI	1,694	0	0	0	0	1,694	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Private											
Brown U.	14,193	0	7,074	318	2,271	0	1,190	3,341	0	0	0
South Carolina											
Public											
Clemson U.	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0	0
Medical U. SC	2,043	0	310	0	0	1,733	0	0	0	0	0
SC State U.	0	0	0	0	0	0	0	0	0	0	0
U. SC	14,573	0	4,003	0	3,500	2,123	0	4,634	0	314	0
Private											
Benedict C.	0	0	0	0	0	0	0	0	0	0	0
Clafin U.	3,500	0	500	0	0	0	0	3,000	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.	14,139	2,322	1,817	0	0	3,800	0	6,200	0	0	0
U. SD, The	15,780	0	6,731	0	0	0	0	9,049	0	0	0
Private											
Sinte Gleska U.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
Public											
East TN State U.	350	0	350	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.	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	4,600	0	0	0	4,600	0	0	0	0	0	0
U. TN	0	0	0	0	0	0	0	0	0	0	0
U. TN Chattanooga	1,085	0	500	0	255	0	0	330	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.	4,548	0	848	0	1,700	0	0	500	0	1,500	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Texas											
Public											
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 U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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.	2,500	0	2,500	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	926	0	0	0	253	0	0	0	0	673	0
TX Tech U.	13,300	0	0	1,800	11,500	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	3,212	0	3,212	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	3,904	0	0	0	3,904	0	0	0	0	0	0
U. North TX	6,708	0	2,029	0	4,680	0	0	0	0	0	0
U. North TX Health Science Ctr. Fort Worth	3,300	0	3,300	0	0	0	0	0	0	0	0
U. TX Arlington	1,378	0	466	0	912	0	0	0	0	0	0
U. TX Austin	13,704	0	2,421	399	3,755	940	0	1,109	689	2,778	1,613
U. TX Brownsville	0	0	0	0	0	0	0	0	0	0	0
U. TX Dallas	13,000	0	6,500	0	0	6,500	0	0	0	0	0
U. TX El Paso	34,162	0	11,000	0	21,400	0	0	1,262	500	0	0
U. TX San Antonio	1,562	0	908	269	0	0	0	0	0	385	0
U. TX Health Science Ctr. Houston	2,898	0	0	0	0	2,898	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	13,753	0	0	0	0	13,753	0	0	0	0	0
U. TX M.D. Anderson Cancer Ctr.	16,424	0	16,424	0	0	0	0	0	0	0	0
U. TX Medical Branch Galveston	26,659	0	10,530	0	0	16,129	0	0	0	0	0
U. TX Pan American	1,020	0	0	0	750	0	0	270	0	0	0
U. TX of the Permian Basin	0	0	0	0	0	0	0	0	0	0	0
U. TX Southwestern Medical Ctr. Dallas	34,926	0	26,804	0	0	8,122	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	3,000	0	0	0	0	0	0	0	0	0	3,000
Private											
Baylor C. of Medicine	560	0	560	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Baylor U.	2,312	501	501	0	0	0	1,022	288	0	0	0
Rice U.	2,025	0	843	0	0	0	0	1,182	0	0	0
Southern Methodist U.	0	0	0	0	0	0	0	0	0	0	0
TX Christian U.	5,300	0	2,000	0	800	0	0	1,500	0	1,000	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0
Utah											
Public											
U. UT	24,296	0	3,666	0	8,132	12,498	0	0	0	0	0
UT State U.	3,293	894	1,240	0	0	0	0	1,160	0	0	0
Private											
Brigham Young U.	0	0	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	5,070	2,123	0	0	536	1,823	0	588	0	0	0
Private											
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0
Virginia											
Public											
C. of William and Mary	4,126	0	0	0	0	0	0	4,126	0	0	0
George Mason U.	310	0	310	0	0	0	0	0	0	0	0
James Madison U.	420	0	0	0	420	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	1,615	0	250	0	0	0	0	1,365	0	0	0
VA Commonwealth U.	1,720	0	0	0	0	1,020	0	700	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
VA Tech	0	0	0	0	0	0	0	0	0	0	0
Private											
Eastern VA Medical School	12,664	0	12,664	0	0	0	0	0	0	0	0
Hampton U.	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

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
U. WA	11,531	619	737	0	818	9,356	0	0	0	0	0
WA State U.	12,542	659	3,803	3,400	0	1,680	0	3,000	0	0	0
Western WA U.	1,302	0	610	0	0	0	0	691	0	0	0
Private											
Whitman C.	870	0	430	0	0	0	0	440	0	0	0
West Virginia											
Public											
Fairmont State U.	0	0	0	0	0	0	0	0	0	0	0
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.	8,365	0	7,400	0	558	0	0	407	0	0	0
Private											
Wheeling Jesuit U.	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
Public											
U. WI Eau Claire	930	0	0	0	930	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	32,258	10,137	0	3,975	0	0	0	17,500	647	0	0
U. WI Milwaukee	4,950	0	0	0	2,780	300	0	1,870	0	0	0
U. WI Oshkosh	0	0	0	0	0	0	0	0	0	0	0
Private											
Marquette U.	281	0	0	0	0	0	0	281	0	0	0
Medical C. WI	16,711	0	16,711	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	803	438	0	0	365	0	0	0	0	0	0
Guam											
Public											
U. GU	0	0	0	0	0	0	0	0	0	0	0

TABLE 49. Costs for repair and renovation of science and engineering research space in academic institutions, by state, control, institution, and field: Started in FY 2008 or FY 2009

(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 sciences
Puerto Rico											
Public											
U. PR Cayey	0	0	0	0	0	0	0	0	0	0	0
U. PR Humacao	0	0	0	0	0	0	0	0	0	0	0
U. PR Mayaguez Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	356	0	0	0	0	356	0	0	0	0	0
U. PR Rio Piedras Campus	720	0	720	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	1,000	0	1,000	0	0	0	0	0	0	0	0
Virgin Islands											
Public											
U. Virgin Islands	299	0	0	0	0	0	0	299	0	0	0

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

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Scottsdale	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	1,465	0	1,465	0	0	0	0	0	0	0	0
California											
Buck Institute for Age Research	1,904	0	1,904	0	0	0	0	0	0	0	0
Burnham Institute for Medical Research	1,515	0	1,515	0	0	0	0	0	0	0	0
CA Pacific Medical Ctr. Pacific Campus	750	0	750	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Los Angeles	0	0	0	0	0	0	0	0	0	0	0
City of Hope Beckman Research Institute	0	0	0	0	0	0	0	0	0	0	0
Doheny Eye Institute	3,200	0	0	0	0	3,200	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	340	0	340	0	0	0	0	0	0	0	0
House Ear Institute	0	0	0	0	0	0	0	0	0	0	0
Human Biomolecular Research Institute	0	0	0	0	0	0	0	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	1,563	0	1,563	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	0	0	0	0	0	0	0	0	0	0	0
La Jolla Bioengineering Institute	0	0	0	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	0	0	0	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Public Health Institute	0	0	0	0	0	0	0	0	0	0	0
RAND Corp.	0	0	0	0	0	0	0	0	0	0	0
Salk Institute for Biological Studies	11,894	0	11,894	0	0	0	0	0	0	0	0
Scientific Analysis Corp.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	8,773	0	8,773	0	0	0	0	0	0	0	0
Smith-Kettlewell Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
SRI International	6,415	0	365	1,750	2,300	0	0	2,000	0	0	0

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Torrey Pines Institute for Molecular Studies											
	0	0	0	0	0	0	0	0	0	0	0
Vaccine Research Institute of San Diego											
	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit											
	0	0	0	0	0	0	0	0	0	0	0
National Jewish Medical and Research Ctr.											
	1,163	0	728	0	0	434	0	0	0	0	0
Connecticut											
Hartford Hospital											
	0	0	0	0	0	0	0	0	0	0	0
Haskins Labs.											
	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Alfred I. duPont Hospital for Children											
	363	0	363	0	0	0	0	0	0	0	0
District of Columbia											
Carnegie Institution of Washington											
	0	0	0	0	0	0	0	0	0	0	0
Children's National Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution											
	0	0	0	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute											
	6,619	0	5,381	0	0	0	0	1,238	0	0	0
Jaeb Ctr. for Health Research, Inc.											
	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus											
	830	0	580	0	0	250	0	0	0	0	0
Mt. Sinai Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Pacific Health Research Institute											
	0	0	0	0	0	0	0	0	0	0	0
Queen's Medical Ctr.											
	650	0	0	0	0	650	0	0	0	0	0
Illinois											
American Dental Association Foundation											
	0	0	0	0	0	0	0	0	0	0	0
Children's Memorial Hospital											
	0	0	0	0	0	0	0	0	0	0	0
NorthShore U. HealthSystem											
	0	0	0	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago											
	0	0	0	0	0	0	0	0	0	0	0
Indiana											
Memorial Hospital South Bend											
	0	0	0	0	0	0	0	0	0	0	0

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Kansas											
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0	0	0	0	0	0	0
Louisiana											
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Ochsner Clinic Foundation	465	0	465	0	0	0	0	0	0	0	0
Maine											
Jackson Lab.	3,542	0	3,542	0	0	0	0	0	0	0	0
ME Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Mt. Desert Island Biological Lab.	0	0	0	0	0	0	0	0	0	0	0
Maryland											
Friends Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Medstar Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Massachusetts											
Beth Israel Deaconess Medical Ctr.	21,214	0	21,214	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Brigham and Women's Hospital	19,600	0	19,600	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Boston	3,995	0	3,995	0	0	0	0	0	0	0	0
Dana-Farber Cancer Institute	13,178	0	13,178	0	0	0	0	0	0	0	0
Forsyth Institute	0	0	0	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	495	0	0	0	0	495	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0	0	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	1,360	0	1,360	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0	0	0	0	0	0	0
Marine Biological Lab.	25,667	293	25,374	0	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	261	0	261	0	0	0	0	0	0	0	0
MA General Hospital	16,048	0	16,048	0	0	0	0	0	0	0	0

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
McLean Hospital	1,600	0	0	0	0	1,600	0	0	0	0	0
National Bureau of Economic Research	0	0	0	0	0	0	0	0	0	0	0
Schepens Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
Tufts-New England Medical Ctr.	1,984	0	0	0	0	1,984	0	0	0	0	0
Whitehead Institute for Biomedical Research	4,018	0	4,018	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	1,642	0	1,642	0	0	0	0	0	0	0	0
Van Andel Research Institute	0	0	0	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	4,500	0	1,225	0	0	3,275	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic MN Campus	11,434	0	6,300	954	0	4,180	0	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Children's Mercy Hospital	0	0	0	0	0	0	0	0	0	0	0
Stowers Institute for Medical Research	19,165	0	19,165	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	3,643	0	3,643	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
New Mexico											
Lovelace Respiratory Research Institute	8,593	0	8,593	0	0	0	0	0	0	0	0
Mind Research Network, The	385	0	0	0	0	0	0	0	0	0	385
New York											
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Cold Spring Harbor Lab.	0	0	0	0	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	0	0	0	0	0	0	0	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0	0	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	550	0	0	0	0	550	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0	0	0	0	0	0	0
NY Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
NY State Psychiatric Institute	9,510	0	3,810	760	0	3,800	0	0	760	380	0
NY Structural Biology Ctr.	850	0	850	0	0	0	0	0	0	0	0
Ordway Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Population Council	0	0	0	0	0	0	0	0	0	0	0
Riverside Research Institute	0	0	0	0	0	0	0	0	0	0	0
Roswell Park Cancer Institute	23,831	0	12,488	0	0	2,888	0	0	0	0	8,455
Sloan-Kettering Institute for Cancer Research	1,182	0	1,182	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Trudeau Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Wadsworth Ctr.	2,752	0	2,752	0	0	0	0	0	0	0	0
Winifred Masterson Burke Medical Research Institute	6,700	0	6,700	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	0	0	0	0	0	0	0	0	0	0	0
Hamner Institutes, The	0	0	0	0	0	0	0	0	0	0	0
RTI International	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	24,219	0	11,553	0	0	12,666	0	0	0	0	0
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Oklahoma											
OK Medical Research Foundation	351	0	351	0	0	0	0	0	0	0	0

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0	0	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0	0	0	0	0	0	0
OR Research Institute	0	0	0	0	0	0	0	0	0	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0	0	0	0	0	0	0
Providence Portland Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	1,019	0	1,019	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	3,056	0	3,056	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	252	0	252	0	0	0	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0	0	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	0	0	0	0	0	0	0	0	0	0	0
Wistar Institute	3,891	0	3,891	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	0	0	0	0	0	0	0	0	0	0	0
Miriam Hospital	0	0	0	0	0	0	0	0	0	0	0
RI Hospital	0	0	0	0	0	0	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Women & Infants Hospital	253	0	0	0	0	253	0	0	0	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	4,027	0	1,924	0	0	1,371	0	405	328	0	0
Texas											
Baylor Research Institute	3,790	0	3,535	0	0	254	0	0	0	0	0
Scott & White Memorial Hospital	28,000	0	26,000	2,000	0	0	0	0	0	0	0
Southwest Foundation for Biomedical Research	922	0	922	0	0	0	0	0	0	0	0
TX Heart Institute	0	0	0	0	0	0	0	0	0	0	0

TABLE 50. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Started in FY 2008 or FY 2009

(Costs in thousands of dollars)

State 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 sciences
Utah											
UT Artificial Heart Institute	0	0	0	0	0	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0	0	0	0	0	0	0
Ctr. for Health Studies	1,409	0	0	0	0	0	0	0	0	0	1,409
Fred Hutchinson Cancer Research Ctr.	4,486	0	580	0	0	3,906	0	0	0	0	0
Infectious Disease Research Institute	0	0	0	0	0	0	0	0	0	0	0
Institute for Systems Biology	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Research Institute	0	0	0	0	0	0	0	0	0	0	0
Puget Sound Blood Ctr.	0	0	0	0	0	0	0	0	0	0	0
Seattle Biomedical Research Institute	1,900	0	1,900	0	0	0	0	0	0	0	0
Seattle Children's Hospital	30,000	0	30,000	0	0	0	0	0	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
BloodCenter of WI	0	0	0	0	0	0	0	0	0	0	0
Marshfield Clinic	0	0	0	0	0	0	0	0	0	0	0

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 51. Costs for repair and renovation of science and engineering research space in academic institutions, by field and geographic region: Planned to start in FY 2010 or FY 2011

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	3,606.1	635.4	1,490.8	706.3	735.8
Agricultural and natural resources sciences	76.7	13.4	38.9	16.2	7.1
Biological and biomedical sciences	1,386.7	190.7	610.0	347.5	210.9
Computer and information sciences	35.8	6.0	18.3	8.5	0.0
Engineering	442.9	96.8	236.9	78.9	30.4
Health and clinical sciences	838.2	152.3	208.1	123.5	354.2
Mathematics and statistics	18.4	13.8	2.5	2.2	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	102.9	11.7	19.8	5.6	65.8
Astronomy, chemistry, and physics	430.5	130.2	178.8	67.2	48.3
Psychology	142.8	10.0	73.4	47.7	11.7
Social sciences	55.7	4.4	37.3	6.8	7.1
Other sciences	75.6	6.1	67.0	2.3	0.3

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 52. Costs for repair and renovation of science and engineering research space in biomedical institutions, by field and geographic region: Planned to start in FY 2010 or FY 2011

(Costs in millions of dollars)

Field	United States	Midwest	Northeast	South	West
All research space	323.0	8.7	167.5	78.7	68.0
Agricultural and natural resources sciences	0.0	0.0	0.0	0.0	0.0
Biological and biomedical sciences	270.5	6.9	164.2	38.4	61.0
Computer and information sciences	6.7	0.0	0.0	6.3	0.4
Engineering	4.2	0.3	0.0	3.6	0.4
Health and clinical sciences	34.4	0.5	2.3	28.3	3.3
Mathematics and statistics	0.0	0.0	0.0	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	3.3	0.0	0.0	0.3	3.0
Psychology	0.7	0.0	0.7	0.0	0.0
Social sciences	1.0	0.0	0.3	0.7	0.0
Other sciences	2.1	1.1	0.0	1.0	0.0

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 53. 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 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 sciences
<b>Alabama</b>											
Public											
AL State U.	0	0	0	0	0	0	0	0	0	0	0
Auburn U.	341	0	0	0	0	0	0	341	0	0	0
U. AL, The	1,088	0	0	0	0	0	0	600	0	488	0
U. AL Birmingham, The	921	0	307	0	0	614	0	0	0	0	0
U. AL Huntsville, The	0	0	0	0	0	0	0	0	0	0	0
U. South AL	0	0	0	0	0	0	0	0	0	0	0
Private											
Oakwood U.	0	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	0	0	0	0	0	0	0	0	0	0	0
<b>Alaska</b>											
Public											
U. AK Fairbanks	0	0	0	0	0	0	0	0	0	0	0
<b>Arizona</b>											
Public											
AZ State U.	6,145	0	0	0	0	600	0	1,020	4,525	0	0
Northern AZ U.	0	0	0	0	0	0	0	0	0	0	0
U. AZ	5,680	0	0	0	0	5,680	0	0	0	0	0
<b>Arkansas</b>											
Public											
AR State U.	1,500	500	500	0	500	0	0	0	0	0	0
U. AR for Medical Sciences	782	0	782	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
<b>California</b>											
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
CA State U., Dominguez Hills	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
CA State U., East Bay	0	0	0	0	0	0	0	0	0	0	0
CA State U., Fresno	1,300	0	0	0	0	1,300	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	500	0	0	0	0	0	0	500	0	0	0
CA State U., Sacramento	3,400	0	0	0	0	3,000	0	0	0	400	0
CA State U., San Bernardino	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	69,853	0	61,002	0	0	1,633	0	600	0	6,618	0
U. CA, Davis	32,960	0	0	0	0	32,960	0	0	0	0	0
U. CA, Irvine	0	0	0	0	0	0	0	0	0	0	0
U. CA, Los Angeles	260,132	0	40,230	0	0	219,902	0	0	0	0	0
U. CA, Merced	0	0	0	0	0	0	0	0	0	0	0
U. CA, Riverside	21,525	0	12,500	0	0	0	0	9,025	0	0	0
U. CA, San Diego	1,929	0	0	0	260	0	0	1,669	0	0	0
U. CA, San Francisco	62,239	0	38,748	0	0	23,491	0	0	0	0	0
U. CA, Santa Barbara	1,496	0	439	0	0	0	0	757	0	0	300
U. CA, Santa Cruz	2,798	0	0	0	2,798	0	0	0	0	0	0
Private											
C. R. Drew U. Medicine and Science	300	0	0	0	0	300	0	0	0	0	0
CA Institute of Technology	57,300	0	5,600	0	5,000	0	0	46,700	0	0	0
Claremont Graduate U.	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.	2,000	0	0	0	2,000	0	0	0	0	0	0
Occidental C.	760	0	760	0	0	0	0	0	0	0	0
Pomona C.	0	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	732	0	0	0	732	0	0	0	0	0	0
Stanford U.	14,020	0	370	0	2,000	1,445	0	3,920	6,285	0	0
U. Redlands	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	4,992	0	330	0	845	1,459	0	2,060	299	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

TABLE 53. 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 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 sciences
Colorado											
Public											
CO School of Mines	1,505	733	0	0	0	0	0	772	0	0	0
CO State U.	0	0	0	0	0	0	0	0	0	0	0
U. CO Boulder	0	0	0	0	0	0	0	0	0	0	0
U. CO Colorado Springs	17,085	0	0	0	0	0	0	17,085	0	0	0
U. CO Denver and Health Sciences Ctr.	769	0	0	0	0	769	0	0	0	0	0
U. Northern CO	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Denver	300	0	300	0	0	0	0	0	0	0	0
Connecticut											
Public											
Southern CT State U.	10,945	2,650	4,947	0	0	0	0	3,348	0	0	0
U. CT	10,425	2,525	7,900	0	0	0	0	0	0	0	0
Private											
U. Hartford	0	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	1,500	0	1,500	0	0	0	0	0	0	0	0
Yale U.	127,536	0	300	0	5,000	120,675	0	0	0	1,561	0
Delaware											
Public											
DE State U.	0	0	0	0	0	0	0	0	0	0	0
U. DE	23,679	0	433	5,163	270	0	0	312	17,500	0	0
District of Columbia											
Public											
U. DC	250	250	0	0	0	0	0	0	0	0	0
Private											
American U.	0	0	0	0	0	0	0	0	0	0	0
George Washington U.	22,670	0	22,670	0	0	0	0	0	0	0	0
Georgetown U.	7,311	0	2,416	0	0	4,345	0	550	0	0	0
Howard U.	1,125	0	0	0	750	0	0	375	0	0	0
Florida											
Public											
FL A&M U.	48,275	0	8,500	0	16,000	0	0	0	23,775	0	0
FL Atlantic U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0	0
FL International U.	2,170	0	1,446	0	0	376	0	347	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	1,750	0	0	0	0	1,750	0	0	0	0	0
U. North FL	0	0	0	0	0	0	0	0	0	0	0
U. South FL	3,483	500	950	0	0	1,083	0	950	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	6,769	0	4,726	0	0	2,042	0	0	0	0	0
Georgia											
Public											
Albany State U.	0	0	0	0	0	0	0	0	0	0	0
Fort Valley State U.	1,800	0	1,800	0	0	0	0	0	0	0	0
GA Institute of Technology	15,000	0	0	0	15,000	0	0	0	0	0	0
GA Southern U.	0	0	0	0	0	0	0	0	0	0	0
GA State U.	3,623	0	658	0	0	250	0	1,558	908	250	0
Medical C. GA	688	0	688	0	0	0	0	0	0	0	0
Savannah State U.	0	0	0	0	0	0	0	0	0	0	0
U. GA	1,096	0	1,096	0	0	0	0	0	0	0	0
Private											
Clark Atlanta U.	0	0	0	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
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	31,221	769	17,165	0	0	393	0	12,894	0	0	0

TABLE 53. 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 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 sciences
Idaho											
Public											
Boise State U.	4,200	0	3,900	0	0	0	0	300	0	0	0
ID State U.	0	0	0	0	0	0	0	0	0	0	0
U. ID	2,801	0	250	0	1,704	0	0	847	0	0	0
Illinois											
Public											
Chicago 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
Northeastern IL 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	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	17,950	2,500	1,500	750	2,500	3,500	0	6,900	300	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	5,346	0	2,000	0	0	0	550	0	2,796	0	0
Midwestern U.	0	0	0	0	0	0	0	0	0	0	0
Northwestern U.	18,362	0	4,616	0	300	6,167	0	3,278	0	0	4,000
Rosalind Franklin U. of Medicine & Science	490	0	490	0	0	0	0	0	0	0	0
Rush U.	850	0	850	0	0	0	0	0	0	0	0
U. Chicago	86,777	0	30,000	4,383	0	30,000	10,035	12,359	0	0	0
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.	66,500	0	10,000	0	0	56,500	0	0	0	0	0
Purdue U.	6,495	0	0	0	3,000	0	1,500	1,995	0	0	0
Private											
Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
U. of Notre Dame	1,182	0	462	0	0	0	0	720	0	0	0
Iowa											
Public											
IA State U.	738	413	325	0	0	0	0	0	0	0	0
U. IA	9,114	0	6,694	0	0	1,849	0	572	0	0	0
U. Northern IA	0	0	0	0	0	0	0	0	0	0	0
Private											
Des Moines U.	400	0	0	0	0	0	0	0	0	0	400
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	40,948	0	40,948	0	0	0	0	0	0	0	0
Wichita State U.	0	0	0	0	0	0	0	0	0	0	0
Kentucky											
Public											
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	17,752	2,490	5,916	0	1,500	4,216	0	3,630	0	0	0
U. Louisville	5,652	0	5,652	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	5,897	0	1,565	0	0	4,331	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
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	27,200	0	25,000	0	0	0	0	2,200	0	0	0
U. LA Lafayette	600	0	0	0	0	0	0	0	600	0	0

TABLE 53. 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 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 sciences
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.	1,739	0	989	0	0	0	0	375	375	0	0
Xavier U. LA	0	0	0	0	0	0	0	0	0	0	0
Maine											
Public											
U. ME	5,301	0	500	500	4,301	0	0	0	0	0	0
U. Southern ME	0	0	0	0	0	0	0	0	0	0	0
Private											
Colby C.	0	0	0	0	0	0	0	0	0	0	0
U. New England	1,500	0	1,500	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.	1,030	0	340	0	0	0	0	690	0	0	0
U. Baltimore	0	0	0	0	0	0	0	0	0	0	0
U. MD Baltimore	657	0	300	0	0	357	0	0	0	0	0
U. MD Baltimore County	300	0	0	0	0	0	0	0	300	0	0
U. MD Ctr. for Environmental Science	0	0	0	0	0	0	0	0	0	0	0
U. MD College Park	9,185	0	1,585	0	4,300	0	0	1,465	1,835	0	0
U. MD Eastern Shore	1,615	560	0	0	0	0	0	1,055	0	0	0
Private											
Johns Hopkins U.	29,166	0	17,687	750	7,000	3,100	0	379	0	0	250
Massachusetts											
Public											
U. MA Amherst	14,391	476	0	0	0	805	0	13,111	0	0	0
U. MA Boston	300	0	0	0	0	0	0	0	300	0	0
U. MA Dartmouth	0	0	0	0	0	0	0	0	0	0	0
U. MA Lowell	0	0	0	0	0	0	0	0	0	0	0
U. MA Worcester	25,500	0	15,300	0	10,200	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

TABLE 53. 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 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 sciences
Boston U.	10,417	0	4,850	775	0	1,132	0	3,660	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
Hampshire C.	0	0	0	0	0	0	0	0	0	0	0
Harvard U.	130,844	0	100,209	2,100	13,900	0	350	11,535	1,400	1,350	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.	25,818	0	5,494	0	2,540	5,740	0	9,740	2,040	264	0
Smith C.	26,000	0	3,350	0	0	0	825	2,600	5,925	0	13,300
Tufts U.	0	0	0	0	0	0	0	0	0	0	0
Wellesley C.	1,500	0	1,500	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.	15,269	0	5,441	0	0	0	0	7,032	2,796	0	0
Grand Valley State U.	0	0	0	0	0	0	0	0	0	0	0
MI State U.	2,275	0	0	0	1,525	0	0	750	0	0	0
MI Technological U.	0	0	0	0	0	0	0	0	0	0	0
Oakland U.	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	1,011	0	0	0	0	1,011	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 Tech U.	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	14,588	742	0	0	7,325	5,400	0	450	0	671	0
Winona State U.	0	0	0	0	0	0	0	0	0	0	0
Private											
Carleton C.	1,310	0	0	0	0	0	0	550	0	760	0

TABLE 53. 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 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 sciences
Macalester C.	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.	4,000	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.	0	0	0	0	0	0	0	0	0	0	0
U. MS	5,370	0	4,190	0	0	1,180	0	0	0	0	0
U. MS Medical Ctr.	14,355	0	14,355	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
Missouri											
Public											
Lincoln U.	0	0	0	0	0	0	0	0	0	0	0
MO State U.	0	0	0	0	0	0	0	0	0	0	0
MO U. of Science and Technology	8,534	0	0	0	7,034	0	0	0	0	0	1,500
U. MO Columbia	121,440	0	8,500	0	62,940	0	0	50,000	0	0	0
U. MO Kansas City	2,250	0	400	0	0	0	0	800	800	250	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
Kansas City U. of Medicine and Biosciences	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	17,460	0	14,560	0	2,900	0	0	0	0	0	0
Montana											
Public											
MT State U. Billings	0	0	0	0	0	0	0	0	0	0	0
MT State U. Bozeman	0	0	0	0	0	0	0	0	0	0	0
MT Tech of The U. MT	2,000	0	0	0	0	2,000	0	0	0	0	0
U. MT, The	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
Nebraska											
Public											
U. NE Lincoln	7,409	5,000	0	0	0	0	0	909	0	1,500	0
U. NE Omaha	0	0	0	0	0	0	0	0	0	0	0
U. NE Medical Ctr.	18,019	0	7,208	0	0	10,811	0	0	0	0	0
Private											
Creighton U.	480	0	0	0	0	480	0	0	0	0	0
Nevada											
Public											
Desert Research Institute	254	0	0	0	0	0	0	254	0	0	0
U. NV, Las Vegas	450	450	0	0	0	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	9,750	0	0	0	0	0	0	9,750	0	0	0
Private											
Dartmouth C.	4,050	0	2,050	0	2,000	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	10,860	4,185	0	0	5,000	0	0	925	0	750	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.	35,089	0	6,604	0	12,395	0	0	15,540	550	0	0
Rider U.	0	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	1,000	0	250	0	500	0	0	250	0	0	0
New Mexico											
Public											
NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
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	0	0	0	0	0	0	0	0	0	0	0
New York											
Public											
CUNY, The City C.	18,700	0	8,044	0	6,000	0	0	0	0	0	4,656
CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn C.	6,000	0	3,000	0	0	0	0	3,000	0	0	0
CUNY C. Staten Island	20,000	0	10,000	0	0	0	0	10,000	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	250	0	0	0	0	0	250	0	0
CUNY Queens C.	6,500	0	0	0	0	2,000	0	4,000	500	0	0
CUNY York C.	0	0	0	0	0	0	0	0	0	0	0
SUNY Albany	137,270	0	7,500	0	89,300	0	0	0	0	0	40,470
SUNY Binghamton	1,823	0	0	0	1,440	0	0	383	0	0	0
SUNY Buffalo	21,200	0	0	12,200	0	9,000	0	0	0	0	0
SUNY Stony Brook	36,893	0	4,784	791	3,000	12,987	1,235	12,414	1,199	483	0
SUNY C. Buffalo	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Geneseo	22,000	0	0	0	0	0	0	0	6,000	16,000	0
SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0	0
SUNY C. Oswego	1,558	0	0	0	0	0	0	1,558	0	0	0
SUNY C. of Environmental Science and Forestry	8,500	0	8,500	0	0	0	0	0	0	0	0
SUNY C. of Optometry	2,835	0	0	0	0	0	0	0	0	0	2,835
SUNY Downstate Medical Ctr.	25,000	0	25,000	0	0	0	0	0	0	0	0
SUNY Upstate Medical U.	8,200	0	8,200	0	0	0	0	0	0	0	0
Private											
Albany C. of Pharmacy	10,700	0	5,000	0	0	0	0	5,000	0	0	700
Albany Medical C.	250	0	250	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.	1,400	0	0	0	0	0	0	1,400	0	0	0
Columbia U. in the City of New York	2,235	0	354	950	0	0	0	360	571	0	0
Cornell U.	76,831	22,647	21,454	950	2,985	3,964	0	2,671	6,775	15,385	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 C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
Ithaca C.	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	30,000	0	30,000	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.	8,655	0	8,655	0	0	0	0	0	0	0	0
NY U.	48,000	0	0	0	0	1,000	0	47,000	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	119,403	0	119,403	0	0	0	0	0	0	0	0
St. John's U.	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.	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	9,081	0	5,521	0	1,343	1,483	0	733	0	0	0
Vassar C.	0	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	10,750	3,110	0	0	0	4,021	0	0	0	0	3,619
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.	650	0	0	0	0	0	650	0	0	0	0
NC Central U.	0	0	0	0	0	0	0	0	0	0	0
NC State U.	3,069	900	1,439	0	730	0	0	0	0	0	0
U. NC Asheville	342	0	0	0	0	0	0	0	0	0	342
U. NC Chapel Hill	0	0	0	0	0	0	0	0	0	0	0
U. NC Charlotte	816	0	0	0	0	0	0	816	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
Winston-Salem State U.	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.	23,167	0	15,917	0	0	6,920	0	0	0	330	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

TABLE 53. 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 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 sciences
North Dakota											
Public											
ND State U.	6,491	1,675	0	0	0	0	1,335	0	2,437	1,044	0
U. ND	0	0	0	0	0	0	0	0	0	0	0
Ohio											
Public											
Bowling Green State U.	1,250	0	1,250	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.	30,000	0	10,000	0	0	0	0	20,000	0	0	0
Miami U.	16,200	0	0	0	0	0	0	16,200	0	0	0
Northeastern OH Universities C. of Medicine											
	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.	6,531	0	0	745	0	686	0	5,100	0	0	0
U. Cincinnati	50,606	0	26,312	0	670	22,787	0	837	0	0	0
U. Toledo	4,276	464	3,813	0	0	0	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.	268	0	0	0	0	268	0	0	0	0	0
U. Dayton	625	0	0	0	625	0	0	0	0	0	0
Oklahoma											
Public											
Langston U.	0	0	0	0	0	0	0	0	0	0	0
OK State U.	10,000	0	10,000	0	0	0	0	0	0	0	0
U. OK	0	0	0	0	0	0	0	0	0	0	0
Private											
U. Tulsa	0	0	0	0	0	0	0	0	0	0	0
Oregon											
Public											
OR Health & Science U.	61,900	0	18,700	0	0	43,200	0	0	0	0	0
OR Institute of Technology	0	0	0	0	0	0	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

TABLE 53. 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 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 sciences
U. OR	3,387	0	2,752	0	250	0	0	385	0	0	0
Private											
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania											
Public											
PA State U.	3,012	0	1,506	0	0	1,506	0	0	0	0	0
Temple U.	0	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh	233,539	0	104,456	0	70,000	27,209	0	31,874	0	0	0
West Chester U. PA	0	0	0	0	0	0	0	0	0	0	0
Private											
Arcadia U.	690	0	690	0	0	0	0	0	0	0	0
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.	2,600	0	1,100	0	0	0	0	1,500	0	0	0
Dickinson C.	0	0	0	0	0	0	0	0	0	0	0
Drexel U.	0	0	NA	NA	NA	NA	0	NA	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
La Salle U.	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.	500	0	0	0	500	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	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.	450	0	450	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	42,025	0	23,352	0	5,460	10,713	0	2,500	0	0	0
U. of the Sciences in 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
Rhode Island											
Public											
U. RI	1,500	0	0	0	0	0	0	1,500	0	0	0
Private											
Brown U.	95,880	0	47,550	0	975	0	0	0	47,000	355	0

TABLE 53. 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 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 sciences
South Carolina											
Public											
Clemson U.	0	0	0	0	0	0	0	0	0	0	0
Coastal Carolina U.	1,000	0	0	0	0	0	0	1,000	0	0	0
Medical U. SC	9,057	0	7,407	0	0	1,650	0	0	0	0	0
SC State U.	0	0	0	0	0	0	0	0	0	0	0
U. SC	6,750	0	1,705	0	4,000	0	0	1,045	0	0	0
Private											
Benedict C.	0	0	0	0	0	0	0	0	0	0	0
Clafin U.	1,500	0	0	0	0	0	0	0	0	0	1,500
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.	500	0	0	0	500	0	0	0	0	0	0
U. SD, The	0	0	0	0	0	0	0	0	0	0	0
Private											
Sinte Gleska U.	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.	0	0	0	0	0	0	0	0	0	0	0
TN Technological U.	1,500	0	0	0	0	0	0	1,500	0	0	0
U. Memphis, The	0	0	0	0	0	0	0	0	0	0	0
U. TN	0	0	0	0	0	0	0	0	0	0	0
U. TN Chattanooga	250	0	0	0	250	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.	20,500	0	20,500	0	0	0	0	0	0	0	0
Vanderbilt U.	3,400	0	0	0	1,900	0	0	700	300	500	0

TABLE 53. 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 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 sciences
Texas											
Public											
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.	800	0	0	0	0	0	0	800	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 U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	761	0	761	0	0	0	0	0	0	0	0
TX A&M U. System Health Science Ctr.	2,165	0	0	0	0	2,165	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.	3,021	0	3,021	0	0	0	0	0	0	0	0
TX Tech U. Health Sciences Ctr.	5,091	0	4,807	0	0	285	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. North TX	18,100	0	7,800	0	9,100	0	0	1,200	0	0	0
U. North TX Health Science Ctr. Fort Worth	7,400	0	7,400	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	3,007	0	830	0	1,175	315	0	687	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	3,000	0	0	0	0	0	0	3,000	0	0	0
U. TX San Antonio	1,328	0	0	889	0	0	0	439	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	4,100	0	0	0	0	4,100	0	0	0	0	0
U. TX M.D. Anderson Cancer Ctr.	16,000	0	16,000	0	0	0	0	0	0	0	0
U. TX Medical Branch Galveston	136,774	0	86,374	0	0	50,400	0	0	0	0	0
U. TX Pan American	500	0	0	0	500	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 Southwestern Medical Ctr. Dallas	8,274	0	6,716	0	0	1,557	0	0	0	0	0
U. TX Tyler	0	0	0	0	0	0	0	0	0	0	0
West TX A&M U.	2,998	2,998	0	0	0	0	0	0	0	0	0
Private											
Baylor C. of Medicine	8,000	0	8,000	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
Baylor U.	27,937	3,192	1,863	1,576	6,247	853	1,426	7,049	716	5,015	0
Rice U.	1,536	0	633	0	474	0	0	429	0	0	0
Southern Methodist U.	0	0	0	0	0	0	0	0	0	0	0
TX Christian U.	1,300	0	0	0	0	1,000	0	300	0	0	0
Trinity U.	0	0	0	0	0	0	0	0	0	0	0
Utah											
Public											
U. UT	2,430	0	343	0	0	0	0	2,087	0	0	0
UT State U.	2,399	488	0	0	1,386	0	0	0	525	0	0
Private											
Brigham Young U.	0	0	0	0	0	0	0	0	0	0	0
Vermont											
Public											
U. VT	8,970	3,120	0	0	0	5,850	0	0	0	0	0
Private											
Middlebury C.	0	0	0	0	0	0	0	0	0	0	0
Virginia											
Public											
C. of William and Mary	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.	1,107	0	0	0	0	0	0	1,107	0	0	0
U. VA	8,275	0	0	0	0	6,075	0	2,200	0	0	0
VA Commonwealth U.	17,426	0	828	0	0	16,598	0	0	0	0	0
VA State U.	0	0	0	0	0	0	0	0	0	0	0
VA Tech	31,400	0	0	0	0	0	0	31,400	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
Washington											
Public											
Central WA U.	9,000	0	0	0	9,000	0	0	0	0	0	0
Eastern WA U.	0	0	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
U. WA	11,374	619	896	0	0	9,859	0	0	0	0	0
WA State U.	4,210	2,915	660	0	335	0	0	300	0	0	0
Western WA U.	1,099	0	0	0	699	0	0	400	0	0	0
Private											
Whitman C.	0	0	0	0	0	0	0	0	0	0	0
West Virginia											
Public											
Fairmont State U.	0	0	0	0	0	0	0	0	0	0	0
Marshall U.	3,956	0	0	0	0	3,956	0	0	0	0	0
WV State U.	0	0	0	0	0	0	0	0	0	0	0
WV U.	10,101	0	7,412	0	0	2,689	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	4,900	2,300	0	0	2,600	0	0	0	0	0	0
U. WI Milwaukee	8,500	0	0	0	2,135	500	0	5,615	250	0	0
U. WI Oshkosh	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	4,416	0	4,416	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	19,712	1,032	3,750	0	1,880	2,350	0	10,700	0	0	0
Guam											
Public											
U. GU	1,124	1,124	0	0	0	0	0	0	0	0	0

TABLE 53. 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 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 sciences
Puerto Rico											
Public											
U. PR Cayey	0	0	0	0	0	0	0	0	0	0	0
U. PR Humacao	300	0	0	0	0	0	0	300	0	0	0
U. PR Mayaguez Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Medical Sciences Campus	0	0	0	0	0	0	0	0	0	0	0
U. PR Rio Piedras Campus	36,400	0	27,600	3,000	0	0	0	5,800	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
Virgin Islands											
Public											
U. Virgin Islands	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. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Arizona											
Banner Alzheimer's Institute	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Scottsdale	0	0	0	0	0	0	0	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Arkansas											
AR Children's Hospital Research Institute	0	0	0	0	0	0	0	0	0	0	0
California											
Buck Institute for Age Research	0	0	0	0	0	0	0	0	0	0	0
Burnham Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	0	0	0	0	0	0	0	0	0	0
Cedars-Sinai Medical Ctr.	800	0	0	0	0	800	0	0	0	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Los Angeles	1,074	0	1,074	0	0	0	0	0	0	0	0
City of Hope Beckman Research Institute	2,000	0	2,000	0	0	0	0	0	0	0	0
Doheny Eye Institute	0	0	0	0	0	0	0	0	0	0	0
Ernest Gallo Clinic and Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
House Ear Institute	0	0	0	0	0	0	0	0	0	0	0
Human Biomolecular Research Institute	0	0	0	0	0	0	0	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0	0	0	0	0	0	0
J. David Gladstone Institutes, The	0	0	0	0	0	0	0	0	0	0	0
John Wayne Cancer Institute	0	0	0	0	0	0	0	0	0	0	0
Kaiser Permanente Division of Research	500	0	0	0	0	500	0	0	0	0	0
La Jolla Bioengineering Institute	0	0	0	0	0	0	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	0	0	0	0	0	0	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Northern CA Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
Public Health Institute	0	0	0	0	0	0	0	0	0	0	0
RAND Corp.	0	0	0	0	0	0	0	0	0	0	0
Salk Institute for Biological Studies	8,571	0	8,571	0	0	0	0	0	0	0	0
Scientific Analysis Corp.	0	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	7,728	0	7,728	0	0	0	0	0	0	0	0
Smith-Kettlewell Eye Research Institute	0	0	0	0	0	0	0	0	0	0	0
SRI International	9,750	0	6,000	375	375	0	0	3,000	0	0	0

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Torrey Pines Institute for Molecular Studies											
	0	0	0	0	0	0	0	0	0	0	0
Vaccine Research Institute of San Diego											
	0	0	0	0	0	0	0	0	0	0	0
Colorado											
Kaiser Permanente Clinical Research Unit											
	0	0	0	0	0	0	0	0	0	0	0
National Jewish Medical and Research Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Connecticut											
Hartford Hospital											
	0	0	0	0	0	0	0	0	0	0	0
Haskins Labs.											
	0	0	0	0	0	0	0	0	0	0	0
Delaware											
Alfred I. duPont Hospital for Children											
	300	0	300	0	0	0	0	0	0	0	0
District of Columbia											
Carnegie Institution of Washington											
	0	0	0	0	0	0	0	0	0	0	0
Children's National Medical Ctr.											
	21,000	0	21,000	0	0	0	0	0	0	0	0
Florida											
Foundation for Applied Molecular Evolution											
	0	0	0	0	0	0	0	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute											
	1,000	0	1,000	0	0	0	0	0	0	0	0
Jaeb Ctr. for Health Research, Inc.											
	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus											
	0	0	0	0	0	0	0	0	0	0	0
Mt. Sinai Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Hawaii											
Pacific Health Research Institute											
	0	0	0	0	0	0	0	0	0	0	0
Queen's Medical Ctr.											
	0	0	0	0	0	0	0	0	0	0	0
Illinois											
American Dental Association Foundation											
	0	0	0	0	0	0	0	0	0	0	0
Children's Memorial Hospital											
	0	0	0	0	0	0	0	0	0	0	0
NorthShore U. HealthSystem											
	0	0	0	0	0	0	0	0	0	0	0
Rehabilitation Institute Chicago											
	250	0	0	0	250	0	0	0	0	0	0
Indiana											
Memorial Hospital South Bend											
	500	0	0	0	0	500	0	0	0	0	0

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
<b>Kansas</b>											
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0	0	0	0	0	0	0
<b>Louisiana</b>											
Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Ochsner Clinic Foundation	0	0	0	0	0	0	0	0	0	0	0
<b>Maine</b>											
Jackson Lab.	1,000	0	1,000	0	0	0	0	0	0	0	0
ME Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Mt. Desert Island Biological Lab.	470	0	470	0	0	0	0	0	0	0	0
<b>Maryland</b>											
Friends Research Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0	0	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	20,756	0	0	0	0	20,756	0	0	0	0	0
Medstar Health Research Institute	0	0	0	0	0	0	0	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
<b>Massachusetts</b>											
Beth Israel Deaconess Medical Ctr.	500	0	500	0	0	0	0	0	0	0	0
Boston Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Boston Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Brigham and Women's Hospital	31,850	0	31,850	0	0	0	0	0	0	0	0
Charles Stark Draper Lab.	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Boston	51,482	0	51,482	0	0	0	0	0	0	0	0
Dana-Farber Cancer Institute	5,636	0	5,636	0	0	0	0	0	0	0	0
Forsyth Institute	15,000	0	15,000	0	0	0	0	0	0	0	0
Frontier Science & Technology Research Foundation, Inc.	0	0	0	0	0	0	0	0	0	0	0
Hebrew Senior Life	0	0	0	0	0	0	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	500	0	500	0	0	0	0	0	0	0	0
Joslin Diabetes Ctr.	0	0	0	0	0	0	0	0	0	0	0
Marine Biological Lab.	0	0	0	0	0	0	0	0	0	0	0
MA Eye and Ear Infirmary	0	0	0	0	0	0	0	0	0	0	0
MA General Hospital	16,269	0	16,269	0	0	0	0	0	0	0	0

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
McLean Hospital	0	0	0	0	0	0	0	0	0	0	0
National Bureau of Economic Research	0	0	0	0	0	0	0	0	0	0	0
Schepens Eye Research Institute	499	0	499	0	0	0	0	0	0	0	0
Tufts-New England Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Whitehead Institute for Biomedical Research	695	0	695	0	0	0	0	0	0	0	0
Michigan											
Henry Ford Health System	0	0	0	0	0	0	0	0	0	0	0
Van Andel Research Institute	3,801	0	3,801	0	0	0	0	0	0	0	0
William Beaumont Hospital, Research Institute	0	0	0	0	0	0	0	0	0	0	0
Minnesota											
Health Partners Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Mayo Clinic MN Campus	2,940	0	2,940	0	0	0	0	0	0	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0	0	0	0	0	0	0
Missouri											
Children's Mercy Hospital	0	0	0	0	0	0	0	0	0	0	0
Stowers Institute for Medical Research	0	0	0	0	0	0	0	0	0	0	0
Montana											
McLaughlin Research Institute	365	0	365	0	0	0	0	0	0	0	0
Nevada											
NV Cancer Institute	28,000	0	28,000	0	0	0	0	0	0	0	0
New Jersey											
Ctr. for Molecular Medicine and Immunology	0	0	0	0	0	0	0	0	0	0	0
Kessler Foundation Research Ctr.	265	0	0	0	0	265	0	0	0	0	0
New Mexico											
Lovelace Respiratory Research Institute	472	0	472	0	0	0	0	0	0	0	0
Mind Research Network, The	0	0	0	0	0	0	0	0	0	0	0
New York											
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0	0	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Cold Spring Harbor Lab.	0	0	0	0	0	0	0	0	0	0	0
Feinstein Institute for Medical Research, The	0	0	0	0	0	0	0	0	0	0	0
Hauptman-Woodward Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0	0	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0	0	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0	0	0	0	0	0	0
Montefiore Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0	0	0	0	0	0	0
NY Blood Ctr.	800	0	800	0	0	0	0	0	0	0	0
NY State Psychiatric Institute	11,200	0	10,180	0	0	0	0	0	690	330	0
NY Structural Biology Ctr.	0	0	0	0	0	0	0	0	0	0	0
Ordway Research Institute, Inc.	4,000	0	4,000	0	0	0	0	0	0	0	0
Population Council	0	0	0	0	0	0	0	0	0	0	0
Riverside Research Institute	0	0	0	0	0	0	0	0	0	0	0
Roswell Park Cancer Institute	7,000	0	7,000	0	0	0	0	0	0	0	0
Sloan-Kettering Institute for Cancer Research	1,600	0	1,600	0	0	0	0	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	0	0	0	0	0	0	0
Trudeau Institute, Inc.	0	0	0	0	0	0	0	0	0	0	0
Wadsworth Ctr.	2,735	0	2,735	0	0	0	0	0	0	0	0
Winifred Masterson Burke Medical Research Institute	0	0	0	0	0	0	0	0	0	0	0
North Carolina											
Family Health International	0	0	0	0	0	0	0	0	0	0	0
Hamner Institutes, The	2,500	0	2,500	0	0	0	0	0	0	0	0
RTI International	6,613	0	1,993	0	2,937	0	0	275	0	555	853
Ohio											
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Oklahoma											
OK Medical Research Foundation	2,800	0	2,800	0	0	0	0	0	0	0	0

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Oregon											
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0	0	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	0	0	0	0	0	0	0
OR Research Institute	0	0	0	0	0	0	0	0	0	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0	0	0	0	0	0	0
Providence Portland Medical Ctr.	3,500	0	3,500	0	0	0	0	0	0	0	0
Pennsylvania											
Allegheny-Singer Research Institute	0	0	0	0	0	0	0	0	0	0	0
Children's Hospital Philadelphia	2,250	0	2,250	0	0	0	0	0	0	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0	0	0	0	0	0	0
Fox Chase Cancer Ctr.	1,200	0	1,200	0	0	0	0	0	0	0	0
Lankenau Institute for Medical Research	8,500	0	8,500	0	0	0	0	0	0	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0	0	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	0	0	0	0	0	0	0	0	0	0	0
Wistar Institute	0	0	0	0	0	0	0	0	0	0	0
Rhode Island											
Butler Hospital	0	0	0	0	0	0	0	0	0	0	0
Miriam Hospital	0	0	0	0	0	0	0	0	0	0	0
RI Hospital	2,000	0	0	0	0	2,000	0	0	0	0	0
Roger Williams Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Women & Infants Hospital	0	0	0	0	0	0	0	0	0	0	0
South Carolina											
Spartanburg Regional Medical Ctr.	0	0	0	0	0	0	0	0	0	0	0
Tennessee											
St. Jude Children's Research Hospital	500	0	250	0	0	250	0	0	0	0	0
Texas											
Baylor Research Institute	1,771	0	1,071	0	0	700	0	0	0	0	0
Scott & White Memorial Hospital	12,800	0	2,800	5,000	0	5,000	0	0	0	0	0
Southwest Foundation for Biomedical Research	1,808	0	1,808	0	0	0	0	0	0	0	0
TX Heart Institute	0	0	0	0	0	0	0	0	0	0	0

TABLE 54. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and field: Planned to start in FY 2010 or FY 2011

(Costs in thousands of dollars)

State 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 sciences
Utah											
UT Artificial Heart Institute	0	0	0	0	0	0	0	0	0	0	0
Washington											
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0	0	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	0	0	0	0	0	0	0	0	0	0	0
Ctr. for Health Studies	0	0	0	0	0	0	0	0	0	0	0
Fred Hutchinson Cancer Research Ctr.	4,000	0	2,000	0	0	2,000	0	0	0	0	0
Infectious Disease Research Institute	0	0	0	0	0	0	0	0	0	0	0
Institute for Systems Biology	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Research Institute	0	0	0	0	0	0	0	0	0	0	0
Puget Sound Blood Ctr.	900	0	900	0	0	0	0	0	0	0	0
Seattle Biomedical Research Institute	0	0	0	0	0	0	0	0	0	0	0
Seattle Children's Hospital	0	0	0	0	0	0	0	0	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0	0	0	0	0	0	0
Wisconsin											
BloodCenter of WI	0	0	0	0	0	0	0	0	0	0	0
Marshfield Clinic	1,000	0	0	0	0	0	0	0	0	0	1,000

NOTES: Details may not add to totals due to rounding. Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 55. Costs for repair and renovation of science and engineering research space in academic institutions, by geographic region and time of repair and renovation: FY 2006–11

(Costs in millions of dollars)

Geographic region	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
United States	3,361.6	3,015.8	3,606.1	5,812.3	3,147.3
Midwest	510.2	615.5	635.4	1,502.3	1,093.9
Northeast	1,133.4	1,243.5	1,490.8	1,183.0	876.6
South	1,183.4	642.8	706.3	1,609.6	471.9
West	534.7	511.6	735.8	1,516.5	667.1

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 56. Costs for repair and renovation of science and engineering research space in biomedical institutions, by geographic region and time of repair and renovation: FY 2006–11

(Costs in millions of dollars)

Geographic region	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
United States	351.8	383.4	323.0	463.6	197.4
Midwest	80.3	65.9	8.7	0.0	0.3
Northeast	155.4	170.0	167.5	279.1	132.6
South	16.0	58.7	78.7	101.4	12.6
West	100.1	88.9	68.0	83.1	51.9

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Alabama</b>					
Public					
AL State U.	0	0	0	0	0
Auburn U.	NA	0	341	0	0
U. AL, The	0	707	1,088	700	6,750
U. AL Birmingham, The	2,945	5,087	921	1,012	0
U. AL Huntsville, The	0	0	0	0	0
U. South AL	0	0	0	0	0
Private					
Oakwood U.	na	0	0	0	0
Tuskegee U.	11,529	0	0	0	0
<b>Alaska</b>					
Public					
U. AK Fairbanks	NA	9,000	0	0	0
<b>Arizona</b>					
Public					
AZ State U.	2,366	7,449	6,145	0	0
Northern AZ U.	750	500	0	0	9,782
U. AZ	11,685	2,918	5,680	0	0
<b>Arkansas</b>					
Public					
AR State U.	403	0	1,500	6,755	0
U. AR for Medical Sciences	0	2,267	782	0	0
U. AR Little Rock	3,000	0	0	0	0
U. AR main campus	6,165	0	0	0	0
U. AR Pine Bluff	0	0	0	0	0
U. Central AR	0	0	0	0	0
<b>California</b>					
Public					
CA Polytechnic State U., San Luis Obispo	1,650	0	0	0	0
CA State Polytechnic U., Pomona	0	463	0	52,500	0
CA State U., Bakersfield	0	1,025	0	0	500
CA State U., Chico	0	0	0	0	0
CA State U., Dominguez Hills	0	0	0	0	0
CA State U., East Bay	0	0	0	0	0
CA State U., Fresno	0	667	1,300	1,500	0
CA State U., Fullerton	800	900	0	3,500	4,250
CA State U., Long Beach	0	0	0	3,500	0
CA State U., Los Angeles	0	0	0	0	0
CA State U., Monterey Bay	0	0	0	0	2,000
CA State U., Northridge	921	0	500	0	0
CA State U., Sacramento	0	0	3,400	0	0
CA State U., San Bernardino	1,254	787	0	0	0
San Diego State U.	1,877	1,400	0	0	0
San Francisco State U.	NA	3,210	0	0	10,757
San Jose State U.	0	0	0	0	13,800
U. CA, Berkeley	20,055	19,534	69,853	122,434	126,212

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
U. CA, Davis	110,181	57,272	32,960	378,858	0
U. CA, Irvine	10,265	8,999	0	53,581	0
U. CA, Los Angeles	5,790	9,524	260,132	0	0
U. CA, Merced	1,225	7,447	0	0	0
U. CA, Riverside	4,102	15,535	21,525	0	0
U. CA, San Diego	18,353	16,121	1,929	29,369	0
U. CA, San Francisco	68,852	7,631	62,239	183,655	0
U. CA, Santa Barbara	11,850	11,770	1,496	75,273	95,000
U. CA, Santa Cruz	14,078	3,721	2,798	0	0
Private					
C. R. Drew U. Medicine and Science	0	0	300	0	0
CA Institute of Technology	10,212	24,993	57,300	0	0
Claremont Graduate U.	0	400	0	0	0
Harvey Mudd C.	0	0	0	0	0
Loma Linda U.	600	0	0	0	0
Loyola Marymount U.	250	0	2,000	0	0
Occidental C.	277	0	760	0	760
Pomona C.	0	14,336	0	0	0
Santa Clara U.	962	3,485	732	0	0
Stanford U.	52,542	51,436	14,020	20,750	70,000
U. Redlands	NA	0	0	0	0
U. San Francisco	0	0	0	0	0
U. Southern CA	9,784	10,151	4,992	0	0
U. of the Pacific	0	0	0	0	0
Western U. of Health Sciences	315	0	0	0	0
Colorado					
Public					
CO School of Mines	956	1,900	1,505	0	0
CO State U.	500	4,896	0	0	0
U. CO Boulder	0	0	0	13,521	0
U. CO Colorado Springs	0	0	17,085	22,700	0
U. CO Denver and Health Sciences Ctr.	6,552	25,424	769	7,433	0
U. Northern CO	0	0	0	0	0
Private					
U. Denver	0	450	300	0	0
Connecticut					
Public					
Southern CT State U.	NA	0	10,945	0	0
U. CT	314	52,515	10,425	94,543	7,560
Private					
U. Hartford	0	0	0	0	0
Wesleyan U.	580	1,050	1,500	0	9,500
Yale U.	187,441	141,291	127,536	218,100	0
Delaware					
Public					
DE State U.	1,763	0	0	0	0
U. DE	32,183	7,968	23,679	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
District of Columbia					
Public					
U. DC	0	0	250	0	0
Private					
American U.	0	3,100	0	0	10,000
George Washington U.	67,600	345	22,670	0	0
Georgetown U.	16,505	1,940	7,311	0	0
Howard U.	550	1,385	1,125	4,000	0
Florida					
Public					
FL A&M U.	3,000	1,400	48,275	67,826	0
FL Atlantic U.	0	0	0	0	0
FL Gulf Coast U.	251	0	0	0	0
FL International U.	2,607	1,317	2,170	1,925	0
FL State U.	0	0	0	0	0
U. Central FL	0	0	0	0	0
U. FL	4,100	390	1,750	0	1,750
U. North FL	NA	0	0	0	0
U. South FL	4,349	4,985	3,483	28,600	0
U. West FL	0	0	0	0	0
Private					
Embry-Riddle Aeronautical U.	0	0	0	0	0
FL Institute of Technology	0	0	0	0	0
Nova Southeastern U.	0	0	0	0	0
U. Miami	28,800	17,051	6,769	0	5,785
Georgia					
Public					
Albany State U.	0	0	0	0	0
Fort Valley State U.	0	0	1,800	0	0
GA Institute of Technology	6,400	22,500	15,000	50,000	0
GA Southern U.	0	6,841	0	0	0
GA State U.	5,466	6,181	3,623	7,613	0
Medical C. GA	800	9,248	688	0	0
Savannah State U.	1,146	0	0	0	0
U. GA	1,685	2,800	1,096	25,079	0
Private					
Clark Atlanta U.	0	0	0	0	15,267
Emory U.	7,055	2,942	0	0	0
Mercer U.	0	1,663	0	0	0
Morehouse C.	2,256	0	0	0	0
Morehouse School of Medicine	0	354	0	0	0
Spelman C.	0	0	0	0	0
Hawaii					
Public					
U. HI Hilo	0	0	0	0	0
U. HI Manoa	19,184	26,768	31,221	195,500	205,000

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Idaho</b>					
Public					
Boise State U.	727	1,100	4,200	0	8,800
ID State U.	0	2,214	0	0	0
U. ID	1,732	9,320	2,801	4,068	0
<b>Illinois</b>					
Public					
Chicago State U.	0	0	0	0	0
IL State U.	0	0	0	0	0
Northeastern IL U.	na	0	0	0	0
Northern IL U.	0	0	0	0	0
Southern IL U. Carbondale	0	0	0	87,302	0
Southern IL U. Edwardsville	0	0	0	0	0
U. IL Chicago	13,768	3,776	0	73,842	26,613
U. IL Springfield	350	0	0	0	0
U. IL Urbana-Champaign	15,120	15,620	17,950	191,100	189,300
Western IL U.	0	0	0	0	0
Private					
Bradley U.	0	0	0	0	0
DePaul U.	0	0	0	0	0
IL Institute of Technology	0	0	0	0	0
Loyola U. Chicago	803	2,331	5,346	0	0
Midwestern U.	0	4,390	0	0	0
Northwestern U.	50,907	54,673	18,362	93,745	0
Rosalind Franklin U. of Medicine & Science	250	0	490	0	0
Rush U.	750	1,000	850	0	0
U. Chicago	78,488	63,173	86,777	85,939	73,615
<b>Indiana</b>					
Public					
Ball State U.	0	0	0	0	0
IN State U.	0	1,631	0	0	1,857
IN U.	10,980	9,921	66,500	51,300	0
Purdue U.	15,160	44,468	6,495	309,312	0
Private					
Rose-Hulman Institute of Technology	0	0	0	0	0
U. of Notre Dame	5,484	4,683	1,182	0	0
<b>Iowa</b>					
Public					
IA State U.	1,708	1,105	738	0	36,457
U. IA	7,861	23,834	9,114	29,210	1,160
U. Northern IA	2,370	0	0	43,100	0
Private					
Des Moines U.	na	0	400	0	0
Palmer C. of Chiropractic	na	0	0	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>Kansas</b>					
Public					
KS State U.	0	0	0	0	2,000
Pittsburg State U.	0	0	0	2,895	0
U. KS	2,976	4,154	40,948	0	0
Wichita State U.	0	0	0	0	0
<b>Kentucky</b>					
Public					
KY State U.	0	0	0	0	0
Morehead State U.	0	0	0	0	0
Murray State U.	321	887	0	6,000	0
Northern KY U.	0	0	0	0	0
U. KY	16,925	11,376	17,752	290,666	277,134
U. Louisville	2,674	8,700	5,652	139,930	0
Western KY U.	0	2,773	0	0	0
<b>Louisiana</b>					
Public					
LA State U. and A&M C.	0	23,417	0	80,277	0
LA State U. Health Sciences Ctr. New Orleans	6,800	6,038	5,897	394	0
LA State U. Shreveport	na	0	0	0	0
LA Tech U.	0	3,000	0	0	0
Northwestern State U.	na	0	0	0	0
Southeastern LA U.	4,205	0	0	0	0
Southern U. and A&M C. Baton Rouge	0	0	27,200	0	0
U. LA Lafayette	0	0	600	0	0
U. LA Monroe	3,768	0	0	0	0
U. New Orleans	0	2,326	0	0	0
Private					
Dillard U.	na	0	0	0	0
Tulane U.	3,350	12,399	1,739	19,300	0
Xavier U. LA	0	0	0	0	7,850
<b>Maine</b>					
Public					
U. ME	0	0	5,301	0	0
U. Southern ME	0	0	0	9,494	0
Private					
Colby C.	0	0	0	0	0
U. New England	NA	0	1,500	0	0
<b>Maryland</b>					
Public					
Morgan State U.	0	0	0	0	0
Towson U.	0	755	1,030	11,250	0
U. Baltimore	NA	0	0	0	0
U. MD Baltimore	0	1,125	657	294,000	0
U. MD Baltimore County	0	713	300	33,000	0
U. MD Ctr. for Environmental Science	0	0	0	0	0
U. MD College Park	11,654	9,084	9,185	45,110	101,750

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
U. MD Eastern Shore	900	1,060	1,615	0	0
Private					
Johns Hopkins U.	22,755	27,716	29,166	16,300	0
Massachusetts					
Public					
U. MA Amherst	18,897	34,291	14,391	36,070	13,560
U. MA Boston	760	6,073	300	23,800	0
U. MA Dartmouth	0	2,230	0	21,150	0
U. MA Lowell	0	0	0	0	0
U. MA Worcester	40,000	13,301	25,500	3,000	67,000
Private					
Amherst C.	0	0	0	0	0
Boston C.	7,618	20,801	0	0	0
Boston U.	15,741	34,051	10,417	6,100	0
Brandeis U.	0	5,100	0	2,900	18,950
Clark U.	0	0	0	0	0
Hampshire C.	0	0	0	402	0
Harvard U.	109,420	108,061	130,844	24,612	0
MA Institute of Technology	NA	13,946	0	0	0
Mt. Holyoke C.	0	0	0	0	0
New England C. of Optometry	0	0	0	0	0
Northeastern U.	5,200	15,265	25,818	0	0
Smith C.	2,760	285	26,000	19,000	0
Tufts U.	12,347	40,717	0	0	0
Wellesley C.	0	1,003	1,500	0	0
Williams C.	0	0	0	0	0
Woods Hole Oceanographic Institution	6,719	2,333	0	12,700	0
Worcester Polytechnic Institute	0	0	0	0	0
Michigan					
Public					
Eastern MI U.	0	0	15,269	0	0
Grand Valley State U.	0	1,500	0	0	0
MI State U.	8,199	8,353	2,275	75,145	0
MI Technological U.	0	0	0	0	0
Oakland U.	0	0	0	0	9,928
Wayne State U.	13,710	29,836	1,011	0	0
Western MI U.	0	0	0	0	0
Private					
Calvin C.	0	0	0	359	0
Hope C.	0	0	0	0	0
Kettering U.	7,500	0	0	0	0
Lawrence Tech U.	0	0	0	0	0
Minnesota					
Public					
MN State U. Mankato	na	0	0	0	0
St. Cloud State U.	0	5,000	0	0	0
U. MN	85,222	12,931	14,588	0	0
Winona State U.	na	0	0	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Private					
Carleton C.	807	710	1,310	0	0
Macalester C.	0	0	0	0	0
Northwestern Health Sciences U.	na	0	0	0	0
St. Olaf C.	na	250	0	0	0
Mississippi					
Public					
Alcorn State U.	13,000	0	4,000	0	0
Jackson State U.	NA	0	0	0	0
MS State U.	2,419	8,936	0	0	0
U. MS	3,000	8,970	5,370	0	0
U. MS Medical Ctr.	na	821	14,355	0	0
U. Southern MS	0	0	0	0	0
Private					
Tougaloo C.	na	0	0	0	0
Missouri					
Public					
Lincoln U.	0	0	0	0	0
MO State U.	12,000	6,150	0	0	0
MO U. of Science and Technology	914	694	8,534	2,992	0
U. MO Columbia	8,363	31,501	121,440	17,426	395,789
U. MO Kansas City	1,072	10,257	2,250	84,000	0
U. MO St. Louis	5,250	0	0	0	0
Private					
A.T. Still U. of Health Sciences	0	0	0	0	0
Kansas City U. of Medicine and Biosciences	0	0	0	0	0
St. Louis U.	5,496	2,200	0	0	0
Washington U. St. Louis	41,794	21,752	17,460	65,000	0
Montana					
Public					
MT State U. Billings	na	0	0	350	0
MT State U. Bozeman	2,583	2,100	0	8,000	0
MT Tech of The U. MT	0	0	2,000	24,000	0
U. MT, The	965	447	0	0	0
Nebraska					
Public					
U. NE Lincoln	15,740	97,066	7,409	59,135	207,145
U. NE Omaha	0	0	0	0	0
U. NE Medical Ctr.	1,340	0	18,019	0	0
Private					
Creighton U.	6,263	3,975	480	0	0
Nevada					
Public					
Desert Research Institute	468	0	254	12,870	0
U. NV, Las Vegas	0	962	450	0	0
U. NV, Reno	3,351	3,390	0	18,000	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>New Hampshire</b>					
Public					
Plymouth State U.	na	0	0	0	0
U. NH	403	0	9,750	0	9,200
Private					
Dartmouth C.	NA	3,898	4,050	15,000	0
<b>New Jersey</b>					
Public					
Montclair State U.	NA	4,450	0	0	0
NJ Institute of Technology	0	1,800	0	0	0
Rowan U.	250	2,035	0	0	0
Rutgers, The State U. NJ	10,734	6,100	10,860	58,100	178,753
U. of Medicine and Dentistry NJ	3,473	0	0	162,000	0
Private					
Monmouth U.	0	0	0	0	0
Princeton U.	16,306	20,561	35,089	1,200	0
Rider U.	0	0	0	0	0
Seton Hall U.	0	656	0	0	0
Stevens Institute of Technology	1,000	750	1,000	750	750
<b>New Mexico</b>					
Public					
NM Highlands U.	0	0	0	0	0
NM Institute of Mining and Technology	0	2,500	0	0	0
NM State U.	1,830	4,106	0	0	0
U. NM	8,473	5,510	0	0	0
<b>New York</b>					
Public					
CUNY, The City C.	24,585	1,750	18,700	0	0
CUNY Baruch C.	0	0	0	0	0
CUNY Brooklyn C.	0	2,601	6,000	0	0
CUNY C. Staten Island	0	17,000	20,000	500	0
CUNY Graduate Ctr.	0	0	0	0	0
CUNY Herbert H. Lehman C.	519	0	0	0	0
CUNY Hunter C.	600	2,200	500	0	0
CUNY Queens C.	0	1,100	6,500	0	0
CUNY York C.	0	0	0	0	0
SUNY Albany	15,552	46,500	137,270	0	0
SUNY Binghamton	4,581	18,880	1,823	21,340	104,436
SUNY Buffalo	2,351	3,154	21,200	78,447	0
SUNY Stony Brook	17,845	12,157	36,893	15,000	192,192
SUNY C. Buffalo	0	0	0	0	0
SUNY C. Geneseo	14,453	15,062	22,000	0	0
SUNY C. Old Westbury	0	0	0	0	0
SUNY C. Oswego	0	0	1,558	0	0
SUNY C. of Environmental Science and Forestry	0	0	8,500	0	0
SUNY C. of Optometry	0	0	2,835	0	0
SUNY Downstate Medical Ctr.	275	21,185	25,000	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
SUNY Upstate Medical U.	29,902	19,622	8,200	17,295	0
Private					
Albany C. of Pharmacy	0	0	10,700	0	0
Albany Medical C.	650	2,066	250	0	0
Alfred U.	0	1,723	0	2,104	0
Barnard C.	314	0	0	9,000	0
Clarkson U.	0	0	0	3,850	2,050
Colgate U.	0	673	1,400	0	0
Columbia U. in the City of New York	31,504	16,023	2,235	12,000	5,000
Cornell U.	78,500	118,226	76,831	51,251	85,754
Fordham U.	1,100	0	0	5,000	0
Hamilton C.	0	0	0	0	0
Hobart and William Smith C.	na	0	0	0	0
Ithaca C.	0	0	0	0	0
Mt. Sinai School of Medicine	47,000	27,000	30,000	0	0
New School, The	0	250	0	0	0
NY Institute of Technology	1,200	0	0	0	0
NY Medical C.	0	348	8,655	12,000	0
NY U.	120,559	22,945	48,000	4,622	0
Pace U.	na	7,375	0	0	25,000
Polytechnic U.	0	0	0	0	0
Rensselaer Polytechnic Institute	7,902	6,400	0	10,000	0
Rochester Institute of Technology	0	416	0	0	0
Rockefeller U., The	9,209	146,257	119,403	2,000	0
St. John's U.	6,050	0	0	0	0
Syracuse U.	2,241	0	0	0	0
Teachers C., Columbia U.	0	0	0	0	0
Union C.	1,200	0	0	10,000	18,000
U. Rochester	20,954	25,231	9,081	23,124	46,792
Vassar C.	na	250	0	400	0
Yeshiva U.	0	11,063	10,750	0	0
North Carolina					
Public					
Appalachian State U.	0	0	0	0	0
East Carolina U.	0	0	0	0	0
Elizabeth City State U.	na	268	0	0	0
Fayetteville State U.	na	400	0	0	10,850
NC Agricultural and Technical State U.	13,665	16,736	650	0	0
NC Central U.	0	950	0	0	0
NC State U.	25,682	4,675	3,069	21,634	0
U. NC Asheville	0	0	342	0	0
U. NC Chapel Hill	50,786	10,210	0	0	0
U. NC Charlotte	595	6,050	816	0	0
U. NC Greensboro	11,625	288	0	0	0
U. NC Wilmington	0	5,000	0	19,000	0
Winston-Salem State U.	0	0	0	0	0
Private					
Davidson C.	na	0	0	10,000	0
Duke U.	18,028	71,030	23,167	12,994	0
Shaw U.	0	0	0	0	0
Wake Forest U.	0	4,841	0	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
<b>North Dakota</b>					
Public					
ND State U.	0	326	6,491	10,058	0
U. ND	0	0	0	0	0
<b>Ohio</b>					
Public					
Bowling Green State U.	0	2,215	1,250	13,009	0
Central State U.	0	250	0	0	0
Cleveland State U.	0	6,220	0	5,000	12,300
Kent State U.	NA	0	30,000	0	0
Miami U.	5,175	10,727	16,200	0	0
Northeastern OH Universities C. of					
Medicine	0	0	0	0	0
OH State U.	5,349	2,884	15,555	0	0
OH U.	0	2,829	6,531	0	0
U. Cincinnati	1,884	0	50,606	24,635	19,598
U. Toledo	10,598	7,025	4,276	7,904	8,449
Wright State U.	3,914	6,625	0	0	0
Youngstown State U.	0	0	0	0	0
Private					
Case Western Reserve U.	23,430	3,520	268	491	0
U. Dayton	1,000	2,351	625	0	0
<b>Oklahoma</b>					
Public					
Langston U.	0	0	0	0	0
OK State U.	NA	0	10,000	0	0
U. OK	3,325	517	0	0	0
Private					
U. Tulsa	250	0	0	0	0
<b>Oregon</b>					
Public					
OR Health & Science U.	12,450	38,300	61,900	7,000	0
OR Institute of Technology	0	0	0	0	0
OR State U.	8,000	20,952	0	499	0
Portland State U.	925	6,534	0	17,989	0
U. OR	2,133	1,539	3,387	0	0
Private					
Lewis and Clark C.	na	0	0	0	0
Reed C.	0	0	0	0	0
<b>Pennsylvania</b>					
Public					
PA State U.	40,688	0	3,012	5,535	19,700
Temple U.	19,900	3,700	0	0	0
U. Pittsburgh	NA	56,880	233,539	148,253	0
West Chester U. PA	na	0	0	0	884
Private					
Arcadia U.	na	0	690	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Bryn Mawr C.	0	3,106	0	0	0
Bucknell U.	NA	0	0	0	0
Carnegie Mellon U.	20,197	14,677	2,600	0	0
Dickinson C.	na	0	0	0	0
Drexel U.	NA	1,600	0	0	0
Duquesne U.	0	0	0	0	0
Franklin & Marshall C.	0	0	0	0	0
Haverford C.	na	0	0	0	10,000
La Salle U.	na	0	0	0	0
Lafayette C.	0	0	0	0	0
Lehigh U.	0	4,000	500	0	0
Philadelphia C. of Osteopathic Medicine	1,850	0	0	0	0
Salus U.	0	0	0	0	0
St. Francis U.	0	0	0	0	0
St. Joseph's U.	850	1,060	450	6,250	250
Swarthmore C.	0	0	0	0	0
Thomas Jefferson U.	NA	4,280	0	0	0
U. PA	81,667	48,278	42,025	7,255	0
U. of the Sciences in Philadelphia	NA	0	0	0	0
Villanova U.	NA	0	NA	NA	NA
Rhode Island					
Public					
U. RI	0	1,694	1,500	0	56,306
Private					
Brown U.	19,362	14,193	95,880	0	0
South Carolina					
Public					
Clemson U.	0	0	0	0	0
Coastal Carolina U.	0	0	1,000	0	0
Medical U. SC	12,568	2,043	9,057	16,567	0
SC State U.	0	0	0	0	0
U. SC	6,582	14,573	6,750	0	0
Private					
Benedict C.	0	0	0	0	0
Clafin U.	na	3,500	1,500	0	2,000
South Dakota					
Public					
Black Hills State U.	0	0	500	0	0
SD School of Mines and Technology	0	0	0	0	0
SD State U.	710	14,139	500	0	0
U. SD, The	0	15,780	0	0	0
Private					
Sinte Gleska U.	na	0	0	0	0
Tennessee					
Public					
East TN State U.	0	350	0	0	11,556
Middle TN State U.	0	0	0	0	0
TN State U.	0	0	0	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
TN Technological U.	0	0	1,500	0	0
U. Memphis, The	4,218	4,600	0	15,166	0
U. TN	16,379	0	0	0	0
U. TN Chattanooga	0	1,085	250	0	3,500
U. TN Martin	0	0	0	0	0
Private					
Fisk U.	0	0	0	0	0
Meharry Medical C.	14,000	0	20,500	0	0
Vanderbilt U.	7,476	4,548	3,400	0	0
Texas					
Public					
Lamar U.	1,790	0	0	0	0
Prairie View A&M U.	NA	0	0	2,500	0
Sam Houston State U.	0	0	0	0	0
Stephen F. Austin State U.	0	0	800	0	0
Sul Ross State U.	0	0	0	0	0
Tarleton State U.	0	0	0	0	0
TX A&M U.	NA	NA	NA	NA	NA
TX A&M U. Commerce	na	0	0	0	0
TX A&M U. Corpus Christi	0	0	0	0	0
TX A&M U. Kingsville	2,268	0	761	0	0
TX A&M U. System Health Science Ctr.	5,160	2,500	2,165	0	0
TX Southern U.	0	0	0	0	0
TX State U. San Marcos	0	926	0	0	0
TX Tech U.	610	13,300	3,021	0	0
TX Tech U. Health Sciences Ctr.	0	3,212	5,091	0	0
TX Woman's U.	0	0	0	0	2,750
U. Houston	8,240	3,904	0	0	0
U. North TX	NA	6,708	18,100	2,500	0
U. North TX Health Science Ctr. Fort Worth	0	3,300	7,400	0	0
U. TX Arlington	406	1,378	0	0	0
U. TX Austin	5,655	13,704	3,007	0	0
U. TX Brownsville	na	0	0	0	0
U. TX Dallas	17,431	13,000	0	0	0
U. TX El Paso	3,363	34,162	3,000	26,500	3,000
U. TX San Antonio	407	1,562	1,328	1,603	0
U. TX Health Science Ctr. Houston	0	2,898	0	0	0
U. TX Health Science Ctr. San Antonio	5,548	13,753	4,100	8,000	748
U. TX M.D. Anderson Cancer Ctr.	444,323	16,424	16,000	0	0
U. TX Medical Branch Galveston	1,078	26,659	136,774	1,116	0
U. TX Pan American	500	1,020	500	0	0
U. TX of the Permian Basin	na	0	0	0	0
U. TX Southwestern Medical Ctr. Dallas	29,375	34,926	8,274	48,240	0
U. TX Tyler	na	0	0	0	0
West TX A&M U.	3,466	3,000	2,998	0	0
Private					
Baylor C. of Medicine	10,375	560	8,000	0	0
Baylor U.	978	2,312	27,937	31,982	0
Rice U.	7,496	2,025	1,536	0	0
Southern Methodist U.	6,000	0	0	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
TX Christian U.	3,000	5,300	1,300	5,500	0
Trinity U.	0	0	0	0	0
Utah					
Public					
U. UT	7,297	24,296	2,430	0	9,500
UT State U.	2,992	3,293	2,399	300	0
Private					
Brigham Young U.	0	0	0	0	0
Vermont					
Public					
U. VT	2,034	5,070	8,970	9,108	0
Private					
Middlebury C.	na	0	0	0	0
Virginia					
Public					
C. of William and Mary	5,545	4,126	0	27,023	2,466
George Mason U.	600	310	0	62,500	0
James Madison U.	14,200	420	0	0	0
Norfolk State U.	0	0	0	0	0
Old Dominion U.	0	0	1,107	0	0
U. VA	10,615	1,615	8,275	86,000	0
VA Commonwealth U.	17,389	1,720	17,426	0	0
VA State U.	0	0	0	0	0
VA Tech	0	0	31,400	0	0
Private					
Eastern VA Medical School	962	12,664	0	0	0
Hampton U.	0	0	8,000	0	0
Washington					
Public					
Central WA U.	8,000	0	9,000	0	0
Eastern WA U.	0	0	0	0	0
U. WA	48,322	11,531	11,374	125,691	0
WA State U.	2,964	12,542	4,210	110,350	103,000
Western WA U.	785	1,302	1,099	0	0
Private					
Whitman C.	na	870	0	0	0
West Virginia					
Public					
Fairmont State U.	na	0	0	0	0
Marshall U.	0	0	3,956	4,020	0
WV State U.	0	0	0	0	0
WV U.	6,329	8,365	10,101	36,398	0
Private					
Wheeling Jesuit U.	0	0	0	0	0

TABLE 57. 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 2006–11

(Costs in thousands of dollars)

State, control, and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Wisconsin					
Public					
U. WI Eau Claire	500	930	0	0	1,694
U. WI Green Bay	0	0	0	0	0
U. WI La Crosse	0	0	0	0	0
U. WI Madison	NA	32,258	4,900	80,000	0
U. WI Milwaukee	0	4,950	8,500	44,440	80,000
U. WI Oshkosh	0	0	0	0	0
Private					
Marquette U.	7,000	281	0	0	0
Medical C. WI	500	16,711	4,416	0	0
Milwaukee School of Engineering	0	0	0	0	0
Wyoming					
Public					
U. WY	1,550	803	19,712	0	0
Guam					
Public					
U. GU	0	0	1,124	0	2,000
Puerto Rico					
Public					
U. PR Cayey	na	0	0	0	0
U. PR Humacao	0	0	300	0	0
U. PR Mayaguez Campus	0	0	0	0	0
U. PR Medical Sciences Campus	NA	356	0	0	0
U. PR Rio Piedras Campus	0	720	36,400	600	35,800
Private					
Ponce School of Medicine	0	0	0	0	0
Universidad Central Del Caribe	NA	1,000	0	250	0
Virgin Islands					
Public					
U. Virgin Islands	0	299	0	0	0

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

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 58. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and time of repair and renovation: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in	Started in	Planned to start in	Deferred projects	
	FY 2006 or FY 2007	FY 2008 or FY 2009	FY 2010 or FY 2011	Included in institutional plan	Not included in institutional plan
<b>Arizona</b>					
Banner Alzheimer's Institute	na	0	0	0	5,177
Mayo Clinic Scottsdale	NA	0	0	0	0
St. Joseph's Hospital and Medical Ctr.	0	0	0	0	0
Sun Health Research Institute	0	0	0	0	0
<b>Arkansas</b>					
AR Children's Hospital Research Institute	0	1,465	0	0	0
<b>California</b>					
Buck Institute for Age Research	5,444	1,904	0	0	0
Burnham Institute for Medical Research	560	1,515	0	0	0
CA Pacific Medical Ctr. Pacific Campus	0	750	0	0	0
Cedars-Sinai Medical Ctr.	0	0	800	0	0
Children's Hospital & Research Ctr. Oakland	0	0	0	3,372	0
Children's Hospital Los Angeles	5,850	0	1,074	18,587	0
City of Hope Beckman Research Institute	27,214	0	2,000	8,000	0
Doheny Eye Institute	0	3,200	0	0	0
Ernest Gallo Clinic and Research Ctr.	654	340	0	0	0
House Ear Institute	0	0	0	0	10,961
Human Biomolecular Research Institute	na	0	0	0	0
Huntington Medical Research Institutes	0	0	0	0	0
J. David Gladstone Institutes, The	0	1,563	0	0	7,443
John Wayne Cancer Institute	NA	0	0	0	0
Kaiser Permanente Division of Research	0	0	500	0	523
La Jolla Bioengineering Institute	0	0	0	0	0
La Jolla Institute for Allergy and Immunology	0	0	0	0	0
Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr.	0	0	0	6,221	0
Northern CA Cancer Ctr.	0	0	0	0	0
Public Health Institute	NA	0	0	0	0
RAND Corp.	700	0	0	0	0
Salk Institute for Biological Studies	0	11,894	8,571	28,000	6,000
Scientific Analysis Corp.	0	0	0	0	0
Scripps Research Institute, The	9,264	8,773	7,728	0	10,000
Smith-Kettlewell Eye Research Institute	0	0	0	0	0
SRI International	600	6,415	9,750	0	0
Torrey Pines Institute for Molecular Studies	0	0	0	0	0
Vaccine Research Institute of San Diego	0	0	0	0	0
<b>Colorado</b>					
Kaiser Permanente Clinical Research Unit	0	0	0	0	0
National Jewish Medical and Research Ctr.	4,550	1,163	0	0	0
<b>Connecticut</b>					
Hartford Hospital	0	0	0	0	0
Haskins Labs.	0	0	0	0	0
<b>Delaware</b>					
Alfred I. duPont Hospital for Children	5,091	363	300	0	0

TABLE 58. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and time of repair and renovation: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
District of Columbia					
Carnegie Institution of Washington	0	0	0	0	0
Children's National Medical Ctr.	363	0	21,000	0	0
Florida					
Foundation for Applied Molecular Evolution	na	0	0	0	0
H. Lee Moffitt Cancer Ctr. and Research Institute	3,509	6,619	1,000	21,500	0
Jaeb Ctr. for Health Research, Inc.	0	0	0	0	0
Mayo Clinic Jacksonville, FL Campus	0	830	0	1,115	0
Mt. Sinai Medical Ctr.	na	0	0	0	0
Hawaii					
Pacific Health Research Institute	0	0	0	0	0
Queen's Medical Ctr.	0	650	0	0	0
Illinois					
American Dental Association Foundation	0	0	0	0	0
Children's Memorial Hospital	0	0	0	0	0
NorthShore U. HealthSystem	0	0	0	0	0
Rehabilitation Institute Chicago	0	0	250	0	0
Indiana					
Memorial Hospital South Bend	na	0	500	0	0
Kansas					
Via Christi Regional Medical Ctr. St. Francis Campus	0	0	0	0	0
Louisiana					
Children's Hospital	0	0	0	0	0
Ochsner Clinic Foundation	NA	465	0	0	0
Maine					
Jackson Lab.	6,501	3,542	1,000	575	0
ME Medical Ctr.	250	0	0	0	0
Mt. Desert Island Biological Lab.	0	0	470	0	0
Maryland					
Friends Research Institute, Inc.	NA	0	0	0	0
J. Craig Venter Institute	0	0	0	0	0
Kennedy Krieger Research Institute, Inc.	0	0	20,756	0	0
Medstar Health Research Institute	250	0	0	0	0
Pacific Institute for Research and Evaluation	0	0	0	0	0
Massachusetts					
Beth Israel Deaconess Medical Ctr.	3,185	21,214	500	0	0
Boston Biomedical Research Institute	0	0	0	0	0
Boston Medical Ctr.	2,548	0	0	0	0
Brigham and Women's Hospital	6,460	19,600	31,850	0	0
Charles Stark Draper Lab.	na	0	0	0	0
Children's Hospital Boston	41,149	3,995	51,482	0	0

TABLE 58. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and time of repair and renovation: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Dana-Farber Cancer Institute	44,000	13,178	5,636	1,035	0
Forsyth Institute	0	0	15,000	0	0
Frontier Science & Technology Research Foundation, Inc.	0	495	0	0	0
Hebrew Senior Life	0	0	0	0	0
Immune Disease Institute/CBR Institute for Biomedical Research	641	1,360	500	0	0
Joslin Diabetes Ctr.	0	0	0	0	0
Marine Biological Lab.	NA	25,667	0	73,000	0
MA Eye and Ear Infirmary	0	261	0	0	0
MA General Hospital	21,000	16,048	16,269	38,500	0
McLean Hospital	6,350	1,600	0	0	5,000
National Bureau of Economic Research	NA	0	0	0	0
Schepens Eye Research Institute	0	0	499	0	0
Tufts-New England Medical Ctr.	0	1,984	0	0	0
Whitehead Institute for Biomedical Research	0	4,018	695	0	0
<b>Michigan</b>					
Henry Ford Health System	0	1,642	0	0	0
Van Andel Research Institute	0	0	3,801	0	0
William Beaumont Hospital, Research Institute	0	4,500	0	0	300
<b>Minnesota</b>					
Health Partners Research Foundation	0	0	0	0	0
Mayo Clinic MN Campus	28,664	11,434	2,940	0	0
Minneapolis Medical Research Foundation	0	0	0	0	0
<b>Missouri</b>					
Children's Mercy Hospital	3,099	0	0	0	0
Stowers Institute for Medical Research	1,383	19,165	0	0	0
<b>Montana</b>					
McLaughlin Research Institute	0	3,643	365	0	0
<b>Nevada</b>					
NV Cancer Institute	na	0	28,000	13,000	0
<b>New Jersey</b>					
Ctr. for Molecular Medicine and Immunology	0	0	0	15,000	45,000
Kessler Foundation Research Ctr.	na	0	265	0	0
<b>New Mexico</b>					
Lovelace Respiratory Research Institute	2,668	8,593	472	0	0
Mind Research Network, The	na	385	0	0	0
<b>New York</b>					
Aaron Diamond AIDS Research Ctr.	0	0	0	0	0
Beth Israel Medical Ctr.	0	0	0	0	0
Cold Spring Harbor Lab.	0	0	0	0	0
Feinstein Institute for Medical Research, The	2,500	0	0	0	0

TABLE 58. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and time of repair and renovation: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in	Started in	Planned to start in	Deferred projects	
	FY 2006 or FY 2007	FY 2008 or FY 2009	FY 2010 or FY 2011	Included in institutional plan	Not included in institutional plan
Hauptman-Woodward Medical Research Institute	0	0	0	0	0
Hospital for Special Surgery	0	0	0	0	0
Institute for Basic Research in Developmental Disabilities	0	0	0	0	0
Ludwig Institute for Cancer Research	0	0	0	0	0
Montefiore Medical Ctr.	500	550	0	0	0
National Development and Research Institutes, Inc.	0	0	0	0	0
NY Blood Ctr.	0	0	800	0	0
NY State Psychiatric Institute	5,450	9,510	11,200	45,400	0
NY Structural Biology Ctr.	0	850	0	0	0
Ordway Research Institute, Inc.	0	0	4,000	0	0
Population Council	NA	0	0	0	0
Riverside Research Institute	0	0	0	0	0
Roswell Park Cancer Institute	0	23,831	7,000	0	0
Sloan-Kettering Institute for Cancer Research	1,543	1,182	1,600	96,901	0
St. Luke's-Roosevelt Institute for Health Sciences	0	0	0	0	46,000
Trudeau Institute, Inc.	0	0	0	0	0
Wadsworth Ctr.	NA	2,752	2,735	0	0
Winifred Masterson Burke Medical Research Institute	0	6,700	0	0	0
North Carolina					
Family Health International	0	0	0	0	0
Hamner Institutes, The	na	0	2,500	0	0
RTI International	NA	0	6,613	3,414	0
Ohio					
Cincinnati Children's Hospital Medical Ctr. Research Institute at Nationwide Children's Hospital	279	24,219	0	0	0
	13,300	0	0	0	0
Oklahoma					
OK Medical Research Foundation	0	351	2,800	6,000	0
Oregon					
Kaiser Permanente Ctr. for Health Research	0	0	0	0	0
Legacy Emanuel Hospital and Health Ctr.	0	0	0	0	8,100
OR Research Institute	0	0	0	0	0
OR Social Learning Ctr., Inc.	0	0	0	0	0
Providence Portland Medical Ctr.	NA	0	3,500	0	0
Pennsylvania					
Allegheny-Singer Research Institute	0	0	0	0	0
Children's Hospital Philadelphia	516	1,019	2,250	0	0
Children's Hospital Pittsburgh UPMC	0	0	0	0	0
Fox Chase Cancer Ctr.	na	3,056	1,200	0	10,500
Lankenau Institute for Medical Research	0	252	8,500	0	0
Monell Chemical Senses Ctr.	0	0	0	0	0
Weis Ctr. For Research Geisinger Clinic	NA	0	0	0	721

TABLE 58. Costs for repair and renovation of science and engineering research space in biomedical institutions, by state, institution, and time of repair and renovation: FY 2006–11

(Costs in thousands of dollars)

State and institution	Started in FY 2006 or FY 2007	Started in FY 2008 or FY 2009	Planned to start in FY 2010 or FY 2011	Deferred projects	
				Included in institutional plan	Not included in institutional plan
Wistar Institute	1,200	3,891	0	0	20,000
Rhode Island					
Butler Hospital	0	0	0	0	0
Miriam Hospital	0	0	0	0	0
RI Hospital	2,000	0	2,000	0	0
Roger Williams Medical Ctr.	300	0	0	0	0
Women & Infants Hospital	666	253	0	0	0
South Carolina					
Spartanburg Regional Medical Ctr.	0	0	0	0	0
Tennessee					
St. Jude Children's Research Hospital	782	4,027	500	0	0
Texas					
Baylor Research Institute	2,523	3,790	1,771	0	0
Scott & White Memorial Hospital	0	28,000	12,800	35,000	10,000
Southwest Foundation for Biomedical Research	0	922	1,808	16,095	0
TX Heart Institute	na	0	0	0	0
Utah					
UT Artificial Heart Institute	0	0	0	0	0
Washington					
Battelle Ctrs. for Public Health Research and Evaluation	0	0	0	0	0
Benaroya Research Institute at Virginia Mason	3,800	0	0	3,009	0
Ctr. for Health Studies	0	1,409	0	0	0
Fred Hutchinson Cancer Research Ctr.	4,893	4,486	4,000	2,500	2,000
Infectious Disease Research Institute	NA	0	0	0	0
Institute for Systems Biology	0	0	0	0	0
Pacific Northwest Research Institute	NA	0	0	0	0
Puget Sound Blood Ctr.	460	0	900	0	0
Seattle Biomedical Research Institute	390	1,900	0	0	0
Seattle Children's Hospital	25,000	30,000	0	0	0
Swedish Medical Ctr./First Hill	0	0	0	0	0
Wisconsin					
BloodCenter of WI	0	0	0	0	0
Marshfield Clinic	0	0	1,000	0	0

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

NOTES: Some states do not appear in the table because these states either did not have any institutions included in the survey population or the institutions included in the population did not respond to the survey. These data are unadjusted; the totals of these data will not match the totals in tables with weighted and imputed data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 59. Costs for repair and renovation of science and engineering research space in academic institutions, by field: FY 1986–2005

(Costs in millions of dollars)

Field	FY 1986	FY 1988	FY 1990	FY 1992	FY 1994	FY 1996	FY 1999	FY 2003	FY 2005
All research space	838	1,010	795 r	837	1,058	1,325	1,792	2,211.8	2,445.9
Agricultural sciences	20	23	35	14	72	50	40	41.8	42.8
Biological sciences	224	202	258	224	228	364	522	603.6	536.9
Computer sciences	17	9	21	4	8	12	24	34.9	27.6
Earth, atmospheric, and ocean sciences	21	18	16	31	35	52	84	58.6	82.0
Engineering	141	361	82	139	150	208	333	198.6	310.9
Mathematics	4	11	6	2	6	5	21	12.1	13.0
Medical sciences	226	185	219	262	285	272	347	668.0	926.9
Physical sciences	105	165	151	134	192	244	218	403.9	291.8
Psychology	14	11	NA	10	28	65	33	63.4	52.5
Social sciences	36	8	NA	10	40	40	107	77.2	66.8
Other sciences	30	17	6	7	12	11	64	49.7	94.7
Research animal space	na	na	na	na	na	na	65	186.0	207.0

na = not applicable; question was not asked. NA = not available. r = revised from previously published data.

NOTES: Fields of science were updated in FY 2007 to reflect National Center for Education Statistics 2000 Classification of Instructional Programs. This table displays field name as collected in prior years. These data may not be comparable to data collected by field in FY 2007 and later years. Details may not add to totals due to rounding. Research animal space is listed separately and is also included in individual field totals. This question on repair and renovation costs was not asked for FY 2000–01; therefore, no data are reported. Only repair and renovation projects costing over \$250,000 for a single field were reported for FY 2002–05; repair and renovation projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 60. Costs for repair and renovation of science and engineering research space in biomedical institutions, by field: FY 1999–2005

(Costs in millions of dollars)

Field	FY 1999	FY 2003	FY 2005
All research space	244.7	149.5	242.3
Agricultural sciences	17.1	0.0	0.0
Biological sciences	125.7	64.7	132.2
Computer sciences	0.0	0.3	1.7
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0
Engineering	6.5	3.6	2.9
Mathematics	0.0	0.0	0.0
Medical sciences	72.4	72.5	95.8
Physical sciences	0.7	4.0	2.2
Psychology	22.1	0.0	0.9
Social sciences	0.2	3.4	6.1
Other sciences	0.0	1.1	0.7
Research animal space	28.4	29.1	48.0

NOTES: Fields of science were updated in FY 2007 to reflect National Center for Education Statistics 2000 Classification of Instructional Programs. This table displays field name as collected in prior years. These data may not be comparable to data collected by field in FY 2007 and later years. Details may not add to totals due to rounding. Research animal space is listed separately and is also included in the individual field totals. This question on repair and renovation costs was not asked for FY 2000–01; therefore, no data are reported. Only repair and renovation projects costing over \$250,000 for a single field were reported for FY 2002–05; repair and renovation projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 61. Institutions with science and engineering repair and renovation or new construction projects, by type of institution: Started in FY 2008 or FY 2009

Type of institution	All institutions	Institutions with repair/renovation projects		Institutions with new construction projects	
		Number	Percent	Number	Percent
All academic	520	266	51	171	33
Doctorate granting	340	229	67	140	41
Nondoctorate granting	180	37	20	31	17
Public	336	180	54	129	38
Private	184	86	47	43	23
Medical schools	138	88	64	36	26
All biomedical	171	61	36	17	10
Research institutions	120	38	32	15	12
Hospitals	51	23	44	2	4

NOTE: Percentages are based on unrounded numbers.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 62. Institutions with repair and renovation or new construction projects of research animal space, by type of institution: Started in FY 2008 or FY 2009

Type of institution	All institutions	Institutions with repair/renovation projects		Institutions with new construction projects	
		Number	Percent	Number	Percent
All academic	520	103	20	64	12
Doctorate granting	340	97	28	54	16
Nondoctorate granting	180	7	4	10	5
Public	336	68	20	47	14
Private	184	35	19	16	9
All biomedical	171	36	21	7	4
Research institutions	120	23	19	5	4
Hospitals	51	13	25	2	4

NOTE: Percentages are based on unrounded numbers.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 63. Source of funds for new construction of science and engineering research space, by type of institution: FY 2008 or FY 2009

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State/local	
All academic	7,406.8	235.9	2,697.0	4,473.8
Doctorate granting	7,082.4	225.7	2,515.0	4,341.7
Nondoctorate granting	324.4	10.2	182.0	132.1
Public	5,298.2	186.6	2,556.4	2,555.1
Private	2,108.6	49.3	140.6	1,918.7
All biomedical	247.8	6.1	87.3	154.4
Research institutions	233.1	6.1	87.3	139.7
Hospitals	14.7	0.0	0.0	14.7

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

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 64. Source of funds for repair and renovation of science and engineering research space, by type of institution: FY 2008 or FY 2009

(Funds in millions of dollars)

Type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State/local	
All academic	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
Public	1,651.0	58.9	707.7	884.4
Private	1,364.8	15.3	38.8	1,310.8
All biomedical	383.4	11.1	51.9	320.4
Research institutions	170.0	9.1	22.1	138.8
Hospitals	213.4	2.0	29.8	181.6

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

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 65. 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 1986–2009

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State/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	7,406.8	235.9	2,697.0	4,473.8
Doctorate granting	7,082.4	225.7	2,515.0	4,341.7
Nondoctorate granting	324.4	10.2	182.0	132.1

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

NOTES: Details may not add to totals due to rounding. This 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 a single field were reported for FY 2002–09; construction projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 66. Source of funds for new construction of science and engineering research space in biomedical institutions, by year of project start and type of institution: FY 1990–2009

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State/local	
FY 1990–91	278.2	17.5	2.3	258.3
Research institutions	117.0	17.5	2.3	97.1
Hospitals	161.2	0.0	0.0	161.2
FY 1992–93	443.2	15.2	15.8	412.2
Research institutions	180.1	12.6	0.0	167.5
Hospitals	263.1	2.6	15.8	244.5
FY 1994–95	261.6	0.0	0.0	261.6
Research institutions	67.3	0.0	0.0	67.3
Hospitals	194.3	0.0	0.0	194.3
FY 1996–97	613.0	9.0	103.5	500.5
Research institutions	450.0	9.0	103.5	337.5
Hospitals	163.0	0.0	0.0	163.0
FY 1998–99 <sup>b</sup>	906.9	12.6	0.8	452.8
Research institutions	330.9	8.7	0.8	271.4
Hospitals	576.1	3.9	0.0	181.4
FY 2002–03	1,609.8	74.5	42.4	1,492.9
Research institutions	1,106.7	24.4	42.4	1,039.9
Hospitals	503.1	50.1	0.0	453.0
FY 2004–05	477.0	25.3	9.7	442.0
Research institutions	255.0	12.6	9.2	233.2
Hospitals	222.0	12.7	0.5	208.8
FY 2006–07	1,283.8	14.1	260.1	1,009.6
Research institutions	766.3	10.8	260.1	495.5
Hospitals	517.4	3.3	0.0	514.2
FY 2008–09	247.8	6.1	87.3	154.4
Research institutions	233.1	6.1	87.3	139.7
Hospitals	14.7	0.0	0.0	14.7

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

<sup>b</sup>Some institutions provided total dollars for new construction but did not provide the dollars for the specific sources of the funds. The dollars for new construction at these institutions are included in the total figures but not in the specific funding sources. Therefore, the dollars from specific funding sources will not total to the dollars from all sources.

NOTES: Details may not add to totals due to rounding. This 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 a single field were reported for FY 2002–09; construction projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 67. 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 1986–2009

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State/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

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

NOTES: Details may not add to totals due to rounding. This question on repair and renovation costs was not asked for FY 2000–01; therefore, no data are reported. Only repair and renovation projects costing over \$250,000 for a single field were reported for FY 2002–09; repair and renovation projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 68. Source of funds for repair and renovation of science and engineering research space in biomedical institutions, by year of project start and type of institution: FY 1990–2009

(Funds in millions of dollars)

Year of project start and type of institution	All sources	Government		Institutional funds and other sources <sup>a</sup>
		Federal	State/local	
FY 1990–91	80.2	7.2	1.0	72.0
Research institutions	30.1	5.7	0.0	24.4
Hospitals	50.1	1.5	1.0	47.6
FY 1992–93	169.6	4.1	2.6	162.8
Research institutions	37.6	1.5	0.0	36.1
Hospitals	132.0	2.6	2.6	126.7
FY 1994–95	161.1	1.9	2.2	157.1
Research institutions	31.3	0.7	2.2	28.4
Hospitals	129.9	1.3	0.0	128.6
FY 1996–97	133.0	13.5	1.6	117.9
Research institutions	81.0	13.0	1.6	66.4
Hospitals	52.0	0.5	0.0	51.5
FY 1998–99	171.2	7.1	1.8	162.8
Research institutions	100.6	5.2	1.8	94.1
Hospitals	70.6	2.0	0.0	68.6
FY 2002–03	149.5	15.2	4.1	130.2
Research institutions	76.7	8.3	4.1	64.4
Hospitals	72.8	7.0	0.0	65.9
FY 2004–05	242.3	22.9	2.9	216.6
Research institutions	144.2	17.2	1.9	125.2
Hospitals	98.1	5.7	1.0	91.4
FY 2006–07	351.8	21.3	7.5	323.0
Research institutions	158.3	15.5	0.0	142.8
Hospitals	193.5	5.8	7.5	180.3
FY 2008–09	383.4	11.1	51.9	320.4
Research institutions	170.0	9.1	22.1	138.8
Hospitals	213.4	2.0	29.8	181.6

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

NOTES: Details may not add to totals due to rounding. This question on repair and renovation costs was not asked for FY 2000–01; therefore, no data are reported. Only repair and renovation projects costing over \$250,000 for a single field were reported for FY 2002–09; repair and renovation projects costing over \$100,000 were reported in previous cycles.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 69. 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 2009

(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	23,517.8	11,485.4	5,812.3	3,072.7	3,147.3
Agricultural and natural resources sciences	1,808.6	708.6	241.1	416.0	442.9
Biological and biomedical sciences	6,588.9	3,543.7	1,642.7	692.1	710.5
Computer and information sciences	535.0	335.4	79.6	21.0	99.0
Engineering	3,224.5	1,702.5	653.4	464.2	404.4
Health and clinical sciences	5,826.6	3,027.6	1,426.4	841.2	531.4
Mathematics and statistics	258.0	112.9	82.9	1.9	60.3
Physical sciences					
Earth, atmospheric, and ocean sciences	1,014.8	344.8	350.4	170.9	148.6
Astronomy, chemistry, and physics	2,534.4	1,060.9	794.4	296.0	383.2
Psychology	667.3	203.3	256.5	92.8	114.6
Social sciences	550.5	161.3	165.2	76.8	147.2
Other sciences	509.3	284.5	119.7	0.0	105.1
Research animal space	1,456.6	730.1	303.6	177.6	245.3

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 70. Estimated costs of deferred projects to construct or repair and renovate science and engineering research space in biomedical institutions, by field and type of project: FY 2009

(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	1,715.0	979.2	463.6	74.8	197.4
Agricultural and natural resources sciences	32.9	16.7	8.9	0.0	7.3
Biological and biomedical sciences	1,511.8	880.9	416.9	67.9	146.0
Computer and information sciences	39.2	11.6	27.6	0.0	0.0
Engineering	10.4	6.0	4.3	0.0	0.0
Health and clinical sciences	99.8	48.9	3.9	6.8	40.2
Mathematics and statistics	0.0	0.0	0.0	0.0	0.0
Physical sciences					
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0	0.0
Astronomy, chemistry, and physics	4.3	0.0	1.5	0.0	2.9
Psychology	16.1	15.0	0.0	0.0	1.1
Social sciences	0.0	0.0	0.0	0.0	0.0
Other sciences	0.4	0.0	0.4	0.0	0.0
Research animal space	390.2	162.6	151.2	27.7	48.7

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 71. Estimated costs of deferred projects to construct or repair and renovate science and engineering research space, by type of institution and project: FY 2009

(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 academic	23,517.8	11,485.4	5,812.3	3,072.7	3,147.3
Doctorate granting	22,530.2	10,886.6	5,603.7	2,983.6	3,056.3
Nondoctorate granting	987.6	598.8	208.7	89.1	91.0
Public	19,305.3	9,052.6	4,957.1	2,566.2	2,729.4
Private	4,212.5	2,432.7	855.3	506.6	417.9
Medical schools	5,423.8	3,114.1	1,552.8	307.0	449.9
All biomedical	1,715.0	979.2	463.6	74.8	197.4
Research institutions	917.0	372.7	312.4	60.9	171.0
Hospitals	798.1	606.5	151.2	13.9	26.4

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 72. Estimated costs of deferred projects to construct or repair and renovate research animal space, by type of institution and project: FY 2009

(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 academic	1,456.6	730.1	303.6	177.6	245.3
Doctorate granting	1,401.6	708.8	299.7	174.2	218.8
Nondoctorate granting	55.0	21.3	3.9	3.4	26.4
Public	1,095.1	551.7	274.5	97.9	171.0
Private	361.5	178.4	29.2	79.7	74.3
All biomedical	390.2	162.6	151.2	27.7	48.7
Research institutions	206.0	71.1	82.0	15.0	37.8
Hospitals	184.2	91.5	69.2	12.6	10.9

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 73. Total bandwidth, by type of institution: FY 2009  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	0	0	0	0	0	2	3	0
Less than 1.6 mb	0	0	0	0	0	4	5	0
1.6 to 9 mb	0	0	0	0	0	13	17	6
10 mb	1	0	2	0	2	6	7	2
11 to 45 mb	6	2	13	4	8	13	11	16
46 to 99 mb	6	4	11	5	9	9	5	16
100 mb	7	3	14	4	11	16	17	14
101 to 155 mb	8	6	12	6	11	10	9	14
156 to 622 mb	22	21	23	21	23	6	5	6
623 to 999 mb	5	7	1	6	4	1	1	2
1 to 2.4 gb	25	27	23	29	18	17	16	18
2.5 to 9 gb	5	7	0	6	3	2	3	2
10 gb	4	6	0	5	2	1	1	0
More than 10 gb	11	17	0	13	7	1	0	2
Other	0	0	0	0	0	1	1	0
Number of institutions	495	329	166	321	174	163	114	49

DSL = digital subscriber line; ISDN = integrated services digital network; gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. Data for some institutions show no bandwidth; these institutions may have DSL, modem, or ISDN connections. Total includes bandwidth to commodity Internet (Internet1), Internet2, and National LambdaRail.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 74. Total bandwidth, by type of institution: FY 2010 (estimated)  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	0	0	0	0	0	2	3	0
Less than 1.6 mb	0	0	0	0	0	3	4	0
1.6 to 9 mb	0	0	0	0	0	12	15	6
10 mb	1	0	2	0	2	5	6	2
11 to 45 mb	3	1	7	3	5	12	12	12
46 to 99 mb	5	3	10	4	6	7	4	14
100 mb	5	2	11	3	10	11	11	12
101 to 155 mb	6	5	8	4	8	7	6	8
156 to 622 mb	24	20	33	22	29	14	14	14
623 to 999 mb	4	5	2	3	5	2	2	4
1 to 2.4 gb	25	25	25	30	16	18	17	20
2.5 to 9 gb	6	8	1	6	5	4	4	2
10 gb	7	10	1	9	4	1	0	2
More than 10 gb	14	21	1	16	10	1	1	2
Other	0	0	0	0	0	1	1	0
Number of institutions	494	329	165	320	174	163	114	49

DSL = digital subscriber line; ISDN = integrated services digital network; gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. Data for some institutions show no bandwidth; these institutions may have DSL, modem, or ISDN connections. Total includes bandwidth to commodity Internet (Internet1), Internet2, and National LambdaRail.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 75. Total bandwidth at academic institutions: FY 2005–09 and FY 2010 (estimated)  
(Percent distribution)

Speed	FY 2005	FY 2007	FY 2009	FY 2010 (estimated)
No bandwidth	0	0	0	0
Less than 1.6 mb	2	*	0	0
1.6 to 9 mb	3	2	0	0
10 mb	1	*	1	1
11 to 45 mb	23	13	6	3
46 to 99 mb	16	14	6	5
100 mb	3	7	7	5
101 to 155 mb	9	10	8	6
156 to 622 mb	18	17	22	24
623 to 999 mb	3	4	5	4
1 to 2.4 gb <sup>a</sup>	15	24	25	25
2.5 to 9 gb <sup>a</sup>	4	4	5	6
10 gb	*	2	4	7
More than 10 gb	2	4	11	14
Other	*	0	0	0
Number of institutions	449	448	495	494

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

<sup>a</sup>FY 2005 data include breakdowns of 1 to 2.5 gb and 2.6 to 9 gb. The response codes on the FY 2005 survey varied slightly from the FY 2007 and FY 2009 surveys. In FY 2005, the potential response categories were "1 to 2.5 gb" and "2.6 to 9 gb."

NOTES: Details may not add to 100% due to rounding. Total bandwidth for FY 2009 and FY 2010 includes National LambdaRail bandwidth.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 76. Bandwidth to commodity Internet (Internet1), by type of institution: FY 2009  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	1	1	2	1	2	3	4	0
Less than 1.6 mb	0	0	0	0	0	4	5	2
1.6 to 9 mb	*	1	0	0	1	14	18	6
10 mb	1	0	3	*	2	7	8	4
11 to 45 mb	7	2	17	7	9	14	13	16
46 to 99 mb	8	7	10	7	9	10	5	20
100 mb	9	6	16	7	14	17	17	16
101 to 155 mb	9	6	14	6	14	9	10	8
156 to 622 mb	31	36	22	34	27	6	6	6
623 to 999 mb	5	8	0	7	3	2	2	2
1 to 2.4 gb	22	25	16	26	15	11	10	14
2.5 to 9 gb	3	5	0	3	4	2	3	2
10 gb	2	2	0	2	0	1	0	2
More than 10 gb	1	1	0	1	0	0	0	0
Other	0	0	0	0	0	0	0	0
Number of institutions	495	329	166	321	174	163	114	49

\* = greater than 0, but less than 0.5%.

DSL = digital subscriber line; ISDN = integrated services digital network; gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. Data for some institutions show no bandwidth; these institutions may have DSL, modem, or ISDN connections.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 77. Bandwidth to commodity Internet (Internet1), by type of institution: FY 2010 (estimated)  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	1	1	2	1	2	4	4	2
Less than 1.6 mb	0	0	0	0	0	3	4	0
1.6 to 9 mb	*	*	0	0	1	13	16	6
10 mb	1	*	2	*	2	6	7	4
11 to 45 mb	5	2	11	5	5	13	14	10
46 to 99 mb	6	5	9	6	7	9	4	18
100 mb	6	4	11	3	12	11	10	14
101 to 155 mb	9	8	12	7	13	8	8	8
156 to 622 mb	32	32	33	32	32	15	15	14
623 to 999 mb	6	9	1	8	3	2	2	2
1 to 2.4 gb	24	27	17	28	16	14	13	16
2.5 to 9 gb	5	7	1	4	6	2	3	2
10 gb	3	4	0	4	1	1	0	2
More than 10 gb	1	1	0	1	0	0	0	0
Other	0	0	0	0	0	0	0	0
Number of institutions	495	329	166	321	174	163	114	49

\* = greater than 0, but less than 0.5%.

DSL = digital subscriber line; ISDN = integrated services digital network; gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. Data for some institutions show no bandwidth; these institutions may have DSL, modem, or ISDN connections.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 78. Bandwidth to Internet2, by type of institution: FY 2009  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	25	13	50	17	41	71	78	53
Less than 1.6 mb	*	*	0	*	0	0	0	0
1.6 to 9 mb	1	*	1	1	1	1	1	0
10 mb	1	2	1	2	1	2	2	4
11 to 45 mb	9	9	9	9	10	4	3	8
46 to 99 mb	5	4	6	4	6	2	0	6
100 mb	5	5	6	7	3	2	1	6
101 to 155 mb	4	5	3	5	4	2	3	0
156 to 622 mb	11	13	7	11	10	2	2	2
623 to 999 mb	4	6	1	6	2	1	1	2
1 to 2.4 gb	21	24	15	25	14	11	9	16
2.5 to 9 gb	2	3	0	3	1	1	2	0
10 gb	7	10	0	8	5	1	0	2
More than 10 gb	3	5	0	4	2	0	0	0
Other	0	0	0	0	0	0	0	0
Number of institutions	494	329	165	320	174	163	114	49

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 79. Bandwidth to Internet2, by type of institution: FY 2010 (estimated)  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	22	11	46	13	39	71	78	53
Less than 1.6 mb	*	*	0	*	0	0	0	0
1.6 to 9 mb	*	*	1	1	0	1	1	0
10 mb	1	1	1	1	0	2	2	4
11 to 45 mb	9	9	10	9	10	4	3	8
46 to 99 mb	6	5	7	5	7	1	0	4
100 mb	5	5	4	6	3	2	1	4
101 to 155 mb	4	4	4	4	4	2	3	2
156 to 622 mb	11	13	7	11	10	2	2	2
623 to 999 mb	4	5	1	5	2	1	1	2
1 to 2.4 gb	20	22	18	24	13	10	8	16
2.5 to 9 gb	3	4	1	4	2	2	3	0
10 gb	10	15	0	12	7	1	0	4
More than 10 gb	4	6	1	6	2	0	0	0
Other	0	0	0	0	0	0	0	0
Number of institutions	493	329	164	319	174	163	114	49

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 80. Bandwidth to National LambdaRail, by type of institution: FY 2009  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	66	57	82	59	78	90	89	92
Less than 1.6 mb	*	0	1	*	0	0	0	0
1.6 to 9 mb	*	*	0	*	0	1	2	0
10 mb	1	1	1	1	1	1	0	2
11 to 45 mb	2	2	2	2	1	1	0	2
46 to 99 mb	2	2	2	2	1	1	0	2
100 mb	2	2	1	2	1	1	0	2
101 to 155 mb	1	1	1	1	0	0	0	0
156 to 622 mb	4	4	4	5	2	1	1	0
623 to 999 mb	1	2	0	2	1	0	0	0
1 to 2.4 gb	11	13	7	12	7	6	8	0
2.5 to 9 gb	1	1	0	*	2	1	1	0
10 gb	8	12	0	10	5	0	0	0
More than 10 gb	2	3	0	2	2	0	0	0
Other	*	0	1	*	0	0	0	0
Number of institutions	495	329	166	321	174	163	114	49

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. National LambdaRail (NLR) is an advanced optical network infrastructure for research and education. NLR enables cutting-edge exploration in the sciences and network research.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 81. Bandwidth to National LambdaRail, by type of institution: FY 2010 (estimated)  
(Percent distribution)

Speed	Academic institutions					Biomedical institutions		
	All academic	Highest degree granted		Control		All biomedical	Research institutions	Hospitals
		Doctorate	Nondoctorate	Public	Private			
No bandwidth	63	55	79	55	78	89	88	92
Less than 1.6 mb	*	0	1	*	0	0	0	0
1.6 to 9 mb	*	*	0	*	0	1	2	0
10 mb	1	1	1	1	1	1	0	2
11 to 45 mb	2	2	3	3	1	1	0	2
46 to 99 mb	2	2	2	3	2	0	0	0
100 mb	1	1	0	1	0	1	0	2
101 to 155 mb	2	2	2	2	1	1	0	2
156 to 622 mb	4	4	4	4	2	1	1	0
623 to 999 mb	1	1	0	1	1	0	0	0
1 to 2.4 gb	10	11	7	13	5	6	8	0
2.5 to 9 gb	1	2	0	1	2	1	2	0
10 gb	10	15	0	12	6	0	0	0
More than 10 gb	3	5	1	4	2	0	0	0
Other	*	0	1	*	0	0	0	0
Number of institutions	494	329	165	320	174	163	114	49

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

NOTES: Details may not add to 100% due to rounding. National LambdaRail (NLR) is an advanced optical network infrastructure for research and education. NLR enables cutting-edge exploration in the sciences and network research.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 82. Institutions with high-performance network connections, by type of institution: FY 2005–09  
(Percent)

Type of institution	Internet2	National LambdaRail	A federal government research network	State or regional high-performance network	Other
FY 2005					
All academic	68	10	11	na	12
Doctorate granting	82	11	13	na	15
Nondoctorate granting	38	7	6	na	6
Public	73	11	12	na	14
Private	58	8	9	na	9
All biomedical	24	2	1	na	3
Research institutions	19	1	1	na	3
Hospitals	35	4	2	na	2
FY 2007					
All academic	70	25	11	55	3
Doctorate granting	81	32	13	59	4
Nondoctorate granting	46	10	4	43	1
Public	75	29	12	61	3
Private	61	17	8	41	3
All biomedical	26	4	0	13	2
Research institutions	20	3	0	10	3
Hospitals	37	6	0	19	2
FY 2009					
All academic	75	34	13	60	8
Doctorate granting	87	43	17	70	9
Nondoctorate granting	51	18	6	39	5
Public	83	41	16	73	7
Private	59	22	8	36	10
All biomedical	29	10	2	15	1
Research institutions	22	11	1	16	1
Hospitals	47	8	4	14	2

na = not applicable; data were not collected in FY 2005.

NOTES: 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 (NLR) is an advanced optical network infrastructure for research and education. NLR enables cutting-edge exploration in the sciences and network research. An institution may have a connection to more than one high-performance network.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 83. Highest desktop port speed, by type of institution: FY 2003–09  
(Percent distribution)

Type of institution	Number of institutions	Speed			
		10 mb or less	100 mb	1 gb or more	Other
FY 2003					
All academic	425	*	60	38	2
Doctorate granting	302	0	53	46	1
Nondoctorate granting	123	1	77	19	3
Public	280	0	58	40	3
Private	145	1	64	34	1
All biomedical	178	6	66	25	2
Research institutions	125	7	65	25	2
Hospitals	53	4	70	25	2
FY 2005					
All academic	447	0	34	65	1
Doctorate granting	311	0	26	73	1
Nondoctorate granting	136	0	51	48	1
Public	299	0	32	67	1
Private	148	0	36	62	2
All biomedical	175	3	50	46	1
Research institutions	121	5	52	42	1
Hospitals	54	0	44	56	0
FY 2007					
All academic	449	*	22	76	2
Doctorate granting	313	*	13	85	1
Nondoctorate granting	136	0	43	54	2
Public	302	0	22	77	2
Private	147	1	24	73	1
All biomedical	163	4	36	58	2
Research institutions	109	6	38	55	2
Hospitals	54	2	31	65	2
FY 2009					
All academic	494	*	17	82	1
Doctorate granting	328	0	13	87	*
Nondoctorate granting	166	1	25	72	2
Public	320	0	17	83	1
Private	174	1	17	81	1
All biomedical	163	4	23	73	1
Research institutions	114	4	21	75	1
Hospitals	49	4	27	69	0

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 84. Speed of the highest proportion of desktop ports, by type of institution: FY 2003–09  
(Percent distribution)

Type of institution	Number of institutions	Speed			
		10 mb or less	100 mb	1 gb or more	Other
FY 2003					
All academic	425	28	72	1	0
Doctorate granting	302	29	70	1	0
Nondoctorate granting	123	24	75	1	0
Public	280	29	71	*	0
Private	145	26	72	1	0
All biomedical	178	22	76	1	1
Research institutions	125	18	80	1	1
Hospitals	53	34	66	0	0
FY 2005					
All academic	447	13	83	3	*
Doctorate granting	311	14	84	2	*
Nondoctorate granting	136	11	82	7	0
Public	299	14	83	3	0
Private	148	10	85	4	1
All biomedical	175	14	81	5	1
Research institutions	121	9	84	6	1
Hospitals	54	24	72	4	0
FY 2007					
All academic	449	8	85	7	0
Doctorate granting	313	9	85	7	0
Nondoctorate granting	136	7	85	8	0
Public	302	8	85	7	0
Private	147	7	84	8	0
All biomedical	163	10	78	12	0
Research institutions	109	8	79	13	0
Hospitals	54	13	76	11	0
FY 2009					
All academic	494	5	78	17	*
Doctorate granting	328	7	76	18	0
Nondoctorate granting	166	2	82	15	1
Public	320	6	78	15	*
Private	174	3	76	20	0
All biomedical	163	7	60	33	0
Research institutions	114	4	62	33	0
Hospitals	49	14	55	31	0

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 85. Institutions with dark fiber, by type of institution: FY 2005–09  
(Percent)

Type of institution	Owned at the end of FY 2005		Owned at the end of FY 2007		Owned at the end of FY 2009	
	To ISP	Between buildings	To ISP	Between buildings	To ISP	Between buildings
All academic	29	86	37	89	39	89
Doctorate granting	33	88	41	90	44	92
Nondoctorate granting	19	80	27	87	30	84
Public	30	87	37	92	43	92
Private	26	82	36	84	33	84
All biomedical	15	43	18	48	25	45
Research institutions	12	36	18	39	22	39
Hospitals	20	61	17	69	31	59

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/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 86. Highest internal network speeds, by type of institution: FY 2003–09  
(Percent distribution)

Speed	Academic institutions					All biomedical
	All academic	Highest degree granted		Control		
		Doctorate	Nondoctorate	Public	Private	
FY 2003						
10 mb or less	2	3	2	4	1	7
11 to 999 mb	64	55	88	64	68	76
1 to 2.5 gb	33	43	10	34	32	18
2.6 to 9 gb	0	0	0	0	0	0
10 gb	0	0	0	0	0	0
More than 10 gb	0	0	0	0	0	0
Other	0	0	0	0	0	0
Number of institutions	425	302	123	280	145	179
FY 2005						
10 mb or less	0	0	1	1	0	6
11 to 999 mb	46	38	64	44	49	64
1 to 2.5 gb	50	56	35	51	47	28
2.6 to 9 gb	1	1	0	1	1	3
10 gb	3	4	0	3	2	1
More than 10 gb	*	*	0	*	0	0
Other	0	0	0	0	0	0
Number of institutions	449	312	137	301	148	175
FY 2007						
10 mb or less	1	1	1	1	1	6
11 to 999 mb	24	18	39	24	26	45
1 to 2.4 gb	61	63	55	61	61	42
2.5 to 9 gb	2	2	1	2	2	2
10 gb	10	13	3	11	9	4
More than 10 gb	1	2	0	2	1	1
Other	1	1	1	*	1	1
Number of institutions	449	313	136	302	147	163
FY 2009						
10 mb or less	1	*	1	1	1	7
11 to 999 mb	18	13	28	19	16	34
1 to 2.4 gb	58	55	63	55	63	48
2.5 to 9 gb	2	3	1	2	3	1
10 gb	18	24	5	20	13	7
More than 10 gb	3	4	1	3	3	2
Other	1	1	1	1	1	1
Number of institutions	494	328	166	321	173	163

\* = greater than 0, but less than 0.5%.

gb = gigabits per second; mb = megabits per second.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.

TABLE 87. Wireless connections, by building area coverage and type of institution: FY 2009  
(Percent distribution)

Percentage of building area coverage	Academic institutions					All biomedical
	All academic	Highest degree granted		Control		
		Doctorate	Nondoctorate	Public	Private	
Total	100	100	100	100	100	100
None	0	0	0	0	0	9
10 or less	1	1	2	1	2	9
11 to 20	4	3	5	4	3	4
21 to 30	4	4	4	4	4	6
31 to 40	6	5	8	7	4	4
41 to 50	10	10	9	10	9	6
51 to 60	6	7	5	6	7	3
61 to 70	10	11	8	10	10	7
71 to 80	11	11	11	10	13	9
81 to 90	14	13	15	16	10	9
91 to 100	33	33	33	30	38	35
Number of institutions	493	327	166	320	173	163

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 88. Centrally administered high-performance computing, by type of institution and computing architecture: FY 2009

Type of institution	Number of institutions	Number of institutions with HPC	Type of architecture			
			Clusters	MPP	SMP	Other
All academic	494	136	128	24	26	34
Doctorate granting	329	129	122	23	25	34
Nondoctorate granting	165	7	6	1	1	0
Public	320	96	92	15	20	24
Private	174	40	36	9	6	10
All biomedical	163	21	21	1	7	3

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 a distinct organizational unit with a staff and a budget; the unit has a stated mission that includes supporting the HPC needs of faculty and researchers. Institutions may have HPC of more than one type of architecture.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 89. Peak theoretical performance of the fastest centrally administered high-performance computing systems in academic institutions, by computing architecture: FY 2009

Architecture	Number of institutions	Peak theoretical performance			
		1 teraflop	2 teraflops	3 teraflops	Greater than 3 teraflops
Clusters	128	8	19	15	86
Massively parallel processors	24	4	4	3	13
Symmetric multiprocessors	26	7	8	1	10

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 90. Centrally administered high-performance computing (HPC) architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2009

(Speed in teraflops)

State, control, and institution	Architecture					
	Clusters		Massively parallel processors (MPP)		Symmetric multiprocessors (SMP)	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
<b>Alabama</b>						
Public						
AL State U.	1	1	NA	NA	NA	NA
U. AL, The	1	1	NA	NA	NA	NA
U. AL Birmingham, The	5	8	3	3	NA	NA
<b>Alaska</b>						
Public						
U. AK Fairbanks	33	51	33	42	NA	NA
<b>Arizona</b>						
Public						
U. AZ	16	16	NA	NA	4	4
<b>Arkansas</b>						
Public						
U. AR Little Rock	6	6	NA	NA	NA	NA
U. AR main campus	11	12	NA	NA	NA	NA
<b>California</b>						
Public						
U. CA, Berkeley	4	4	NA	NA	NA	NA
U. CA, Davis	5	5	NA	NA	NA	NA
U. CA, Irvine	3	5	NA	NA	NA	NA
U. CA, Los Angeles	16	16	NA	NA	NA	NA
U. CA, Riverside	1	1	1	1	NA	NA
U. CA, San Diego	29	55	21	41	9	9
Private						
CA Institute of Technology	19	25	NA	NA	NA	NA
Stanford U.	21	50	NA	NA	NA	NA
U. Southern CA	72	72	NA	NA	2	2
<b>Colorado</b>						
Public						
CO School of Mines	23	23	NA	NA	NA	NA
<b>Connecticut</b>						
Public						
U. CT	2	2	NA	NA	NA	NA
Private						
Wesleyan U.	4	4	NA	NA	NA	NA
<b>Florida</b>						
Public						
FL Atlantic U.	NA	NA	NA	NA	NA	NA
FL State U.	16	16	NA	NA	NA	NA
U. Central FL	6	6	NA	NA	NA	NA
U. FL	10	12	NA	NA	NA	NA
U. South FL	15	15	NA	NA	NA	NA

TABLE 90. Centrally administered high-performance computing (HPC) architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2009

(Speed in teraflops)

State, control, and institution	Architecture					
	Clusters		Massively parallel processors (MPP)		Symmetric multiprocessors (SMP)	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Private						
Embry-Riddle Aeronautical U.	2	2	NA	NA	NA	NA
Nova Southeastern U.	NA	NA	1	1	1	1
U. Miami	4	4	12	12	NA	NA
Georgia						
Public						
Albany State U.	1	1	NA	NA	NA	NA
GA Institute of Technology	7	16	NA	NA	7	16
GA State U.	7	14	NA	NA	4	4
U. GA	10	15	NA	NA	NA	NA
Private						
Emory U.	3	3	NA	NA	NA	NA
Illinois						
Public						
U. IL Urbana-Champaign	89	112	NA	NA	8	8
Private						
Northwestern U.	27	27	NA	NA	NA	NA
Indiana						
Public						
Ball State U.	3	3	NA	NA	3	3
IN State U.	1	1	NA	NA	NA	NA
IN U.	31	43	NA	NA	NA	NA
Purdue U.	77	129	NA	NA	NA	NA
Private						
U. of Notre Dame	5	5	5	5	NA	NA
Iowa						
Public						
IA State U.	6	11	NA	NA	NA	NA
Kansas						
Public						
Wichita State U.	2	2	NA	NA	NA	NA
Kentucky						
Public						
U. KY	13	13	NA	NA	1	1
U. Louisville	25	25	NA	NA	NA	NA
Louisiana						
Public						
LA State U. and A&M C.	15	22	NA	NA	NA	NA
LA Tech U.	1	1	1	1	NA	NA
Southern U. and A&M C. Baton Rouge	1	1	NA	NA	1	1
U. New Orleans	5	6	5	6	NA	NA

TABLE 90. Centrally administered high-performance computing (HPC) architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2009

(Speed in teraflops)

State, control, and institution	Architecture					
	Clusters		Massively parallel processors (MPP)		Symmetric multiprocessors (SMP)	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
<b>Maine</b>						
Public						
U. Southern ME	1	1	NA	NA	NA	NA
<b>Maryland</b>						
Public						
U. MD Baltimore County	NA	NA	NA	NA	NA	NA
U. MD College Park	15	15	NA	NA	15	15
<b>Massachusetts</b>						
Public						
U. MA Dartmouth	2	2	NA	NA	2	2
Private						
Amherst C.	5	5	NA	NA	NA	NA
Boston U.	3	3	6	6	NA	NA
Brandeis U.	4	4	NA	NA	NA	NA
Harvard U.	50	107	38	45	NA	NA
Tufts U.	5	5	NA	NA	NA	NA
<b>Michigan</b>						
Public						
MI State U.	10	12	NA	NA	NA	NA
Wayne State U.	5	5	NA	NA	NA	NA
<b>Minnesota</b>						
Public						
U. MN	97	127	NA	NA	3	3
<b>Mississippi</b>						
Public						
MS State U.	11	13	NA	NA	1	1
U. MS	2	3	1	1	1	1
<b>Missouri</b>						
Public						
MO U. of Science and Technology	2	2	NA	NA	NA	NA
U. MO Columbia	1	1	NA	NA	NA	NA
Private						
St. Louis U.	2	2	NA	NA	NA	NA
Washington U. St. Louis	20	33	NA	NA	NA	NA
<b>Nebraska</b>						
Public						
U. NE Lincoln	22	26	NA	NA	1	1
<b>Nevada</b>						
Public						
U. NV, Reno	3	3	NA	NA	NA	NA

TABLE 90. Centrally administered high-performance computing (HPC) architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2009

(Speed in teraflops)

State, control, and institution	Architecture					
	Clusters		Massively parallel processors (MPP)		Symmetric multiprocessors (SMP)	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
<b>New Hampshire</b>						
Public						
U. NH	10	12	NA	NA	NA	NA
Private						
Dartmouth C.	9	9	NA	NA	NA	NA
<b>New Jersey</b>						
Public						
NJ Institute of Technology	1	1	1	1	NA	NA
U. of Medicine and Dentistry NJ	5	7	NA	NA	NA	NA
Private						
Princeton U.	15	26	5	5	1	1
Seton Hall U.	2	2	2	2	2	2
Stevens Institute of Technology	134	134	NA	NA	NA	NA
<b>New Mexico</b>						
Public						
NM Institute of Mining and Technology	2	2	2	2	NA	NA
U. NM	2	5	NA	NA	NA	NA
<b>New York</b>						
Public						
CUNY C. Staten Island	3	3	3	3	NA	NA
CUNY Graduate Ctr.	1	1	NA	NA	NA	NA
CUNY Queens C.	1	1	1	1	1	1
SUNY Buffalo	20	20	NA	NA	NA	NA
SUNY Stony Brook	NA	NA	103	103	NA	NA
Private						
Columbia U. in the City of New York	3	3	NA	NA	NA	NA
Cornell U.	2	2	NA	NA	NA	NA
NY U.	12	28	NA	NA	NA	NA
Rensselaer Polytechnic Institute	70	100	91	96	NA	NA
Rochester Institute of Technology	NA	NA	NA	NA	NA	NA
U. Rochester	9	9	14	14	NA	NA
Yeshiva U.	3	3	NA	NA	NA	NA
<b>North Carolina</b>						
Public						
Elizabeth City State U.	7	7	NA	NA	NA	NA
NC State U.	9	9	NA	NA	NA	NA
U. NC Chapel Hill	29	31	NA	NA	1	1
U. NC Charlotte	2	4	NA	NA	NA	NA
Private						
Duke U.	15	15	NA	NA	NA	NA
Wake Forest U.	11	11	NA	NA	NA	NA
<b>North Dakota</b>						
Public						
ND State U.	2	2	NA	NA	NA	NA

TABLE 90. Centrally administered high-performance computing (HPC) architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2009

(Speed in teraflops)

State, control, and institution	Architecture					
	Clusters		Massively parallel processors (MPP)		Symmetric multiprocessors (SMP)	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
Ohio						
Public						
Bowling Green State U.	1	1	NA	NA	1	1
Miami U.	1	1	NA	NA	NA	NA
OH State U.	73	73	NA	NA	NA	NA
Private						
Case Western Reserve U.	3	3	NA	NA	NA	NA
U. Dayton	NA	NA	NA	NA	5	8
Oklahoma						
Public						
OK State U.	5	5	NA	NA	NA	NA
U. OK	35	35	NA	NA	NA	NA
Pennsylvania						
Public						
PA State U.	22	57	NA	NA	NA	NA
Temple U.	6	6	NA	NA	NA	NA
Private						
Duquesne U.	NA	NA	NA	NA	1	1
Lehigh U.	5	7	NA	NA	NA	NA
Thomas Jefferson U.	2	2	NA	NA	NA	NA
Rhode Island						
Private						
Brown U.	1	1	NA	NA	NA	NA
South Carolina						
Public						
Clemson U.	60	100	NA	NA	NA	NA
South Dakota						
Public						
SD State U.	2	2	NA	NA	NA	NA
Tennessee						
Public						
East TN State U.	4	4	NA	NA	NA	NA
U. Memphis, The	12	16	NA	NA	NA	NA
U. TN	8	11	1,030	1,196	NA	NA
Private						
Vanderbilt U.	7	7	NA	NA	NA	NA
Texas						
Public						
TX A&M U.	6	6	NA	NA	NA	NA
TX State U. San Marcos	3	4	NA	NA	NA	NA
TX Tech U.	25	28	NA	NA	NA	NA
U. TX Arlington	4	4	NA	NA	4	4
U. TX Austin	579	667	NA	NA	NA	NA

TABLE 90. Centrally administered high-performance computing (HPC) architectures in academic institutions, by state, control, institution, architecture, and speed: FY 2009

(Speed in teraflops)

State, control, and institution	Architecture					
	Clusters		Massively parallel processors (MPP)		Symmetric multiprocessors (SMP)	
	Speed of fastest	Speed of all HPC clusters	Speed of fastest	Speed of all MPP HPC	Speed of fastest	Speed of all SMP HPC
U. TX						
U. TX San Antonio	2	2	2	2	NA	NA
U. TX M.D. Anderson Cancer Ctr.	4	4	NA	NA	1	1
U. TX Tyler	7	7	NA	NA	NA	NA
Private						
Baylor U.	9	9	NA	NA	NA	NA
Rice U.	10	25	NA	NA	NA	NA
Utah						
Public						
U. UT	23	52	NA	NA	NA	NA
UT State U.	8	10	NA	NA	NA	NA
Private						
Brigham Young U.	29	29	NA	NA	NA	NA
Vermont						
Public						
U. VT	7	7	7	7	NA	NA
Virginia						
Public						
C. of William and Mary	2	2	NA	NA	NA	NA
Old Dominion U.	2	2	NA	NA	NA	NA
U. VA	2	2	NA	NA	NA	NA
VA Commonwealth U.	4	9	NA	NA	NA	NA
VA Tech	21	32	NA	NA	NA	NA
Washington						
Public						
Eastern WA U.	NA	NA	NA	NA	245	245
U. WA	4	4	NA	NA	NA	NA
WA State U.	2	3	NA	NA	NA	NA

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

NOTES: Only those institutions reporting centrally administered high-performance computing are reported. High-performance computing was defined as systems of 1 teraflop or faster.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 91. Academic institutions with external users of their centrally administered high-performance computing, by type of user: FY 2009

Type of institution	Number of institutions with HPC	Type of user				
		Colleges/ universities	Governments	Nonprofit organizations	Industry	Other
All academic	136	95	21	15	20	4
Doctorate granting	129	91	20	15	20	4
Nondoctorate granting	7	4	1	0	0	0
Public	96	72	14	10	15	3
Private	40	23	7	5	5	1

HPC = high-performance computing.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 92. Usable online storage for centrally administered high-performance computing, by type of institution: FY 2009  
(Percent distribution)

Terabytes	Academic institutions					All biomedical
	All academic	Highest degree granted		Control		
		Doctorate	Nondoctorate	Public	Private	
Less than 1	4	2	29	5	0	0
1 to 5	10	9	14	10	8	14
6 to 10	5	5	14	5	5	19
11 to 25	13	11	43	14	10	5
26 to 50	14	15	0	17	8	19
51 to 100	15	16	0	14	20	19
101 to 250	19	20	0	15	30	19
251 to 500	7	8	0	8	5	0
501 to 1,000	4	4	0	3	5	5
1,001 or more	6	6	0	6	5	0
Uncertain	4	4	0	3	5	0
Number of institutions	136	129	7	96	40	21

NOTES: Details may not add to 100% due to rounding. Percents are based on only those institutions with high-performance computing.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 93. Archival storage for centrally administered high-performance computing, by type of institution: FY 2009

Terabytes	Academic institutions					All biomedical
	All academic	Highest degree granted		Control		
		Doctorate	Nondoctorate	Public	Private	
None	59	55	4	42	17	7
Less than 100	40	38	2	30	10	9
101 to 250	11	11	0	7	4	2
251 to 500	5	5	0	3	2	1
501 to 750	2	2	0	1	1	1
751 to 1,000	1	1	0	0	1	0
1,001 to 5,000	6	6	0	4	2	1
5,001 to 10,000	2	2	0	2	0	0
10,001 or more	2	2	0	2	0	0
Uncertain	8	7	1	5	3	0
Number of institutions	136	129	7	96	40	21

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

TABLE 94. Science and engineering research space and centrally administered high-performance computing conditioned machine room space, by type of institution: FY 2009

(Net assignable square feet in thousands)

Type of institution	Research space	Conditioned machine room space
All academic	118,413	413
Doctorate granting	118,088	408
Nondoctorate granting	326	6
Public	92,671	336
Private	25,742	77
All biomedical	6,949	38

NOTES: Details may not add to totals due to rounding. Total research space is based on only those institutions with high-performance computing. Conditioned machine rooms are specifically designed to house computing systems and are engineered to keep processors at a cool temperature so they can run efficiently and effectively.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.

## Appendix A. Technical Notes

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During the production of this report, the America COMPETES Reauthorization Act of 2010 was signed into law. Section 505 of the bill renames the Division of Science Resources Statistics as the National Center for Science and Engineering Statistics (NCSES). The Center retains its reporting line to the Directorate for Social, Behavioral and Economic Sciences within the National Science Foundation (NSF). The new name signals the central role of NCSES in the collection, interpretation, analysis, and dissemination of objective data on the science and engineering enterprise.

### Scope of Survey

The data presented in these tables are collected biennially through NSF's congressionally mandated Survey of Science and Engineering Research Facilities (Facilities Survey). The survey originated in 1986 in response to 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) has cosponsored all cycles of the survey.

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

### Population

The FY 2009 population consisted of 520 research-performing academic institutions and 171 nonprofit biomedical research 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 2008 NSF Survey of Research and Development Expenditures at Universities and Colleges. Military institutions, Veterans Administration institutions, and federally funded research and development centers were excluded. The biomedical institution frame was a list of nonprofit biomedical research organizations and hospitals in the United States that received at least \$1 million in NIH research funding in FY 2008.

### Changes from the Previous Cycle

The 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 addition, the following changes were made:

- The question on total bandwidth was modified to include bandwidth to the National LambdaRail and a separate question was added to ask specifically about bandwidth to the National LambdaRail.
- The question on number of commodity Internet connections was removed.
- The question on type of cable for desktop ports was removed.
- A number of follow-up questions on high-performance computing architectures and use for administrative functions were removed.

### Historical Changes and Data Comparability

Since these data were first collected in 1986, changes have been made to the population, the sample, and the survey questions.

#### **FY 2007**

- The fields of science and engineering (S&E) were updated to reflect the National Center for Education Statistics 2000 Classification of Instructional Programs. Data

- collected by field in FY 2007 and later years may not be comparable to prior years.
- The definition of medical school was expanded to include schools that award the doctor of osteopathic medicine (DO) degree.
- Deferred projects were limited to projects estimated to be \$250,000 or more for at least one field of S&E.
- Questions on high-performance computing (HPC) architectures and their associated storage were added.
- The question on leased space, maximum speed of any Internet connection, and the number and availability of high performance computing was deleted.

### **FY 2005**

- A process was instituted whereby at the end of each data collection, new construction data are analyzed for instances of double counting. See "Comparability of Statistics," in appendix A of NSF publication *Science and Engineering Research Facilities: FY 2005*, for more detail. When necessary the previous survey cycle's new construction data are revised in the current year's detailed statistical tables.
- Discovery of duplications in the reporting of new construction projects resulted in revisions to FY 2003 data related to new construction and source of funding for new construction. Data shown in the FY 2005 tables reflect the revised data.
- Research space was not broken out by categories of space: laboratory, laboratory support, offices, and other research space.
- Research animal space was no longer broken out into housing and laboratory space.
- Questions on indirect costs from federal grants/contracts were deleted.
- Questions on the Computing and Networking section of the survey were significantly revised. Most of the FY 2003 questions were replaced with more current questions to reflect changing technology. However, the topics covered in the section generally remained the same (e.g., networking, high-performance computing, wireless coverage).

### **FY 2003**

- The survey used an extensively redesigned questionnaire. Questions asking about all medical school data replaced questions about biological sciences and medical sciences inside or outside a medical school. A new section on networking and computing capacity was added. To the extent possible, the survey was redesigned for comparability over time. A more comprehensive description of the redesigned survey can be found in *Redesign of Survey of Science and Engineering Research Facilities: 2003*.
- Research space was broken out by categories of space: laboratory, laboratory support, offices, and other research space.
- The threshold for reporting repair and renovation and construction projects was raised from \$100,000 to \$250,000.
- The definition of research-performing institutions was changed to institutions having at least \$1 million in R&D expenditures or as having received at least \$1 million in NIH funding. In FY 2001 the minimum threshold for both types of institutions was \$150,000.

### **FY 2001**

- Only questions one and two of the prior surveys were asked.

### **FY 1999**

- The minimum level of R&D expenditures for eligible research-performing academic institutions was increased from institutions with at least \$50,000 in R&D expenditures to institutions with at least \$150,000 in R&D expenditures (except HBCUs). For

biomedical organizations the minimum level in NIH funding received increased from at least \$50,000 to at least \$150,000 in funding.

- A census of eligible institutions was surveyed. In prior years, eligible institutions were sampled using a stratified sampling design.
- The animal research facilities survey questions changed over survey cycles to correspond to the changes in the issues associated with animal research facilities. For the 1999 cycle, most of the animal research facilities questions were modeled after the general S&E survey questions regarding the amount of space, the condition of space, the new construction and repair/renovation of space; and the costs of new construction and repair/renovation.

## **Analytic Definitions**

Several analytic subgroups are presented in the table data. These subgroups are defined as follows:

*Geographic regions.* States and the District of Columbia may be divided into the four U.S. geographic regions defined by the U.S. Census Bureau. These are categorized as follows:

- Northeast: CT, ME, MA, NH, NJ, NY, PA, RI, VT
- Midwest: IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI
- South: AL, AR, DE, DC, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV
- West: AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY

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.

*EPSCoR.* States may be grouped according to their eligibility for NSF funding. States are eligible for the NSF Experimental Program to Stimulate Competitive Research (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. The following states are currently eligible for this program:

- AL, AK, AR, DE, HI, ID, KS, KY, LA, ME, MS, MT, NH, NM, NE, NV, ND, OK, RI, SC, SD, TN, VT, WV, WY, U.S. Virgin Islands, and Puerto Rico

*IDeA.* NIH sponsors the Institutional Development Award (IDeA) program. This program was established in 1993 in order to enhance the competitiveness for research funding of institutions located in states with historically low aggregate success rates for NIH grant applications. The goal is to broaden the geographic distribution of NIH funding for health research. The following states are currently eligible for this program:

- AK, AR, DE, HI, ID, KS, KY, LA, ME, MS, MT, NH, NM, NE, NV, ND, OK, RI, SC, SD, VT, WV, WY, and Puerto Rico

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

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

## **Response Rate**

The FY 2009 Facilities Survey was mailed to academic and biomedical institutions in October 2009, and data collection ended in April 2010. Of the 520 academic institutions, 95% returned surveys. Of the 171 biomedical organizations, 95% returned surveys. The overall response rate was 95%.

## **Weighting**

The FY 2009 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 2009 Facilities Survey, 95% of all eligible institutions responded.

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

The FY 2009 Facilities Survey Detailed Statistical Tables contain two sets of data. Tables 1–72 in this report display data collected by part 1 of the survey (research space). Data in those tables are weighted according to the previously described procedures, except for the data on condition of research space and the data presented by state (i.e., tables 10, 11, 17, 18, 21, 22, 30, 31, 34, 35, 38, 39, 49, 50, 53, 54, 57, and 58). Tables 73–94 of this report display data collected by part 2 of the survey (computing and networking). The data collected by part 2 of the survey are not weighted due to potential measurement error within the survey responses. It is believed that substantially greater measurement error may exist in the computing and networking data because of the rapidly changing nature and variability of this data. Likewise, item nonresponse is not imputed for questions relating to computing and networking.

## **Item Nonresponse**

For most questions collected by part 1 of the survey, 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. There was no item nonresponse for biomedical data. Therefore, imputation was done only for academic data.

A set of core predictors was used for imputing most items. The core predictors for academic institutions were institutional control (public or private), highest degree granted (doctorate or nondoctorate), existence of a medical school, FY 2008 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 and control (i.e., public versus private) and individual institution tables are based on unimputed data.

## **Comparability of Statistics**

This section summarizes major survey improvements and changes in procedures and practices that may have affected the comparability of statistics produced from the Facilities Survey over time.

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. Using this information, it was possible to compare the new construction projects reported by each institution in FY 2007 with the projects that the same institution reported in FY 2009 to determine whether any appeared to be duplicates.

This comparison identified 22 projects with the same or similar characteristics. Contact with

the relevant institutions indicated that the status of three projects needed to be updated for the FY 2007 survey. With the approval of each institution, these projects were deleted from their FY 2007 new construction data.

Also, the data on the source of funding for new construction projects was revised to reflect the deletion of these projects. The three new construction projects that were removed from the FY 2007 data affected the records of three institutions. For all of these institutions, the removal eliminated all new construction projects reported; as a result, all funds reported by source for new construction were also deleted.

## **Data Definitions**

*Research* is all sponsored science and engineering R&D activities that are separately budgeted and accounted for. 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* includes the following examples: controlled-environment space, such as clean or white rooms; technical support space, such as preparation areas and carpentry and machine shops; laboratories, including computer laboratories and behavior observation rooms; core laboratories that serve other laboratories; laboratories and associated support areas used for research animals, including procedure rooms, bench space, animal production colonies, holding rooms, germ-free rooms, surgical facilities, and recovery rooms; space for clinical trial research; offices, to the extent that they are used for research activities including administrative activities for specific research projects; space with fixed (built-in) equipment, such as fume hoods; space with nonfixed equipment costing \$1 million or more each, such as MRIs; and leased space that is used for 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.

*Gross square feet* is based on the floor area of a structure within the outside faces of the exterior walls.

*Biosafety level (BL)* designates a typology of animal research and is measured at four levels: BL-1 involves working with defined and characterized strains of viable microorganisms not-known to cause disease in healthy adult humans; BL-2 involves working with the broad spectrum of indigenous moderate-risk agents present in the community and associated with human disease of varying severity; BL-3 involves working with indigenous or exotic agents with a potential for respiratory transmission and that may cause serious and potentially lethal infection; and BL-4 involves working with dangerous and exotic agents that pose a high individual risk of life threatening disease, that may be transmitted via the aerosol route, and for which there is no available vaccine or therapy.

*Repairs and renovations* refer to activities such as fixing up facilities in deteriorated condition, capital improvements on facilities, conversion of facilities, and the building out of shell space.

*New construction* refers to construction of a new building or additions to an existing building.

*Completion costs* include those for planning, site preparation, construction, fixed equipment, and building infrastructure, such as plumbing, lighting, air exchange, and safety systems either in the building or within 5 feet of the building foundation. Costs of nonfixed equipment are included only if they equal or exceed \$1 million.

*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.

*Current program commitments* are all research activities of an institution that are budgeted, approved, and funded. They include current faculty and staff or those to whom offers have been made; grants awarded, whether research has actually begun; and programs that have been approved.

*Deferred projects* are those that (1) are not funded and (2) are not scheduled for FY 2010 or FY 2011. 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.

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

*Commodity Internet* is the general public, multiuse network often called the "Internet."

*Internet2* is a high-performance backbone network managed by the Internet2 consortium of academia, industry, and government.

*Centrally administered high-performance computing (HPC)* is computing of teraflop or more managed by a distinct organizational unit with a staff and a budget; the unit has a stated mission that includes supporting the HPC needs of faculty and researchers.

## **Data Availability**

Data published in this report are available online at <http://www.nsf.gov/statistics/facilities/>. Data are also available for this and other surveys from the WebCASPAR database system, which can be accessed via the Web at <https://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 "NSF Survey of Science and Engineering Research Facilities (Not Weighted or Imputed)" in the WebCASPAR database system.

## **Technical Table**

### **Table Title**

- A-1 Changes in the fields of science between the FY 2005 and the FY 2007 Survey of Science and Engineering Research Facilities

TABLE A-1. Changes in the fields of science between the FY 2005 and the FY 2007 Survey of Science and Engineering Research Facilities

Classification in FY 2005	Classification in FY 2007	Changes in subfields	
		Added in FY 2007	Deleted from FY 2005
Agricultural sciences	Agricultural sciences and natural resources sciences	Food science and technology Plant science Agricultural economics Natural resources conservation and research Fishing and fisheries sciences Forestry Wildlife and wildlands science Natural resources economics	Agricultural production operations Aquaculture International agriculture Landscape architecture Agricultural chemistry
Biological sciences	Biological and biomedical sciences	Biotechnology	Nutrition science Biogeography Physical anthropology
Computer sciences	Computer and information sciences	Information sciences Computer science Computer software and media applications Computer systems networking and telecommunications	Management information systems, general
Engineering	Engineering	Construction Forest Industrial Manufacturing Operations research Surveying Geological/geophysical	Wood science and wood products Architecture Systems science and theory Aerodynamics Space technology Petroleum refining process Hydraulic Sanitary and environmental Power Marine and ocean engineering systems Welding
Medical sciences	Health and clinical sciences	Advanced/graduate dentistry and oral sciences Allied health diagnostic, interventions and treatment professions Medical clinical sciences/graduate medical studies Veterinary biomedical and clinical sciences Medical illustration and informatics Kinesiology and exercise science	Radiation biology/radiobiology Gerontology Health and medical administrative services Health professions and related clinical sciences, other Anesthesiology Cardiology Colon and rectal surgery Dental/oral surgery Dermatology Family medicine Gastroenterology General survey Geriatric medicine Internal medicine Medical programs, other

TABLE A-1. Changes in the fields of science between the FY 2005 and the FY 2007 Survey of Science and Engineering Research Facilities

Classification in FY 2005	Classification in FY 2007	Changes in subfields	
		Added in FY 2007	Deleted from FY 2005
			Neonatal-perinatal medicine Neurological surgery Neurology Nuclear medicine Nuclear radiology Obstetrics and gynecology Oncology Ophthalmology Orthopedics/orthopedic survey Otorhinolaryngology Pediatrics Physical and rehabilitative medicine Plastic surgery Preventive medicine Psychiatry Thoracic surgery Urology
Mathematical sciences	Mathematics and statistics		Operations research Mathematics and computer science Foundations and logic
Physical Sciences	Physical Sciences	Atmospheric sciences and meteorology Geological and earth sciences/geosciences	Gamma ray Neutrino Optical and radio X-ray Organo-metallic chemistry Pharmaceutical chemistry Chemical physics Condensed matter Nuclear structure Other physical sciences
Psychology	Psychology	Cognitive psychology and psycholinguistics Community Psychology Comparative psychology Counseling psychology Developmental and child Psychology Industrial and organizational psychology Personality Psychology Physiological psychology/psychobiology Psychometrics and quantitative psychology Clinical child psychology Environmental psychology Neuropsychology	Art therapy/therapist Animal behavior

TABLE A-1. Changes in the fields of science between the FY 2005 and the FY 2007 Survey of Science and Engineering Research Facilities

Classification in FY 2005	Classification in FY 2007	Changes in subfields	
		Added in FY 2007	Deleted from FY 2005
		Health psychology Psychopharmacology Family psychology Forensic psychology Psychology, other	
Social sciences	Social sciences	Criminology Forensic science and technology Criminalistics and criminal science Criminal justice/police science	Agricultural economics Business/managerial economics Public administration Public policy analysis Public administration and social service professions Area, ethnic, cultural and gender studies Linguistics Community organizations and advocacy Industrial economics Labor economics Public finance and fiscal policy Quantitative economics Resource economics Comparative government Legal systems Political theory Regional studies Anthropology Demography and population studies Comparative and historical sociology Complex organizations Cultural and social structure Group interactions social problems and welfare theory Archeology Geography and cartography
Other sciences	Other sciences		

NOTES: Earth, atmospheric, and ocean sciences (environmental) was deleted as a field; its subfields were added to physical sciences. Environmental science was previously associated with earth, atmospheric, and ocean sciences (environmental), although environmental science was not actually listed as a subfield. Environmental science is now under agricultural and natural resources sciences. The changes in the fields of science between the FY 2005 and FY 2007 survey cycles of the Survey of Science and Engineering Research Facilities are based on updates that the National Center for Education Statistics made in their 2000 Classification of Instructional Programs.

## **Appendix B. Survey Instruments**

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FY 2009 Survey of Science and Engineering Research Facilities

- Part 1: Research Space
- Part 2: Computing and Networking Capacity



National Science Foundation  
National Institutes of Health



# FY 2009 Survey of Science and Engineering Research Facilities

## Part 1: Research Space

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 for academic institutions or 7 hours for biomedical institutions, 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](mailto: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](mailto:facilitiesurvey@westat.com) or call 1-888-811-1838. The survey director at the National Science Foundation is Dr. Leslie Christovich.

**Please complete and submit this survey 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 on the World Wide Web. Go to [www.facilitiesurvey.org](http://www.facilitiesurvey.org) to access the web version of the questionnaire. You will need to click on “Part 1 and Coordinator Tools” 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, 7, 8, 10, 12F, 15, 18, 21, and 24) 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

There are no changes to Part 1 of the survey since the previous cycle.

## 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 2009. See page 2 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 2009?**

*(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 2009, how much net assignable square feet was used for research (based on the definition of research space on page 2) 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 space is equivalent to functional category 2 (Research) for facilities inventory systems based on the U.S. Department of Education classification (FICM classification), the Western Interstate Commission for Higher Education (WICHE classification), and the National Association of College and University Business Officers (NACUBO classification).

**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 29–30 for crosswalk of NSF 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 2009	
<b>a. Agricultural sciences and natural resources sciences</b>		
Agricultural economics	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 150px; border-bottom: 1px solid black;"></div> <span>NASF</span> </div> <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2009	
Animal sciences		
Fishing and fisheries sciences		
Food science and technology		
Forestry		
Natural resources conservation and research (includes environmental science)		
Natural resources economics		
Plant sciences	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 150px; border-bottom: 1px solid black;"></div> <span>NASF</span> </div> <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2009	
Soil sciences		
Wildlife and wildlands science		
<b>b. Biological and biomedical sciences</b>		
Anatomical sciences		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 150px; border-bottom: 1px solid black;"></div> <span>NASF</span> </div> <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2009
Animal biology		
Biochemistry		
Bioinformatics		
Biology		
Biomathematics		
Biophysics		
Biotechnology		
Botany		
Cell biology		
Cellular biology		
Ecology		
Evolution		
Genetics		
Human nutrition		
Immunology		
Microbiological sciences		
Molecular biology		
Pathology		
Pharmacology		
Physiology		
Plant biology		
Population biology		
Toxicology		
Zoology		
Biological and biomedical sciences, other		
<b>c. Computer and information sciences</b>		
Computer science	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 150px; border-bottom: 1px solid black;"></div> <span>NASF</span> </div> <input type="checkbox"/> Check this box if no research space in this field at the end of FY 2009	
Computer software and media applications		
Computer systems networking and telecommunications		
Information science		

**Field of S&E***(Include research animal space.)***Net assignable square feet  
of research space at end of  
FY 2009****d. Engineering**

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

 NASF

 Check this box if no  
research space in this field at  
the end of FY 2009
**e. Health and clinical sciences**

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

 NASF

 Check this box if no  
research space in this field at  
the end of FY 2009
**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 2009

**Field of S&E**

*(Include research animal space.)*

**Net assignable square feet  
of research space at end of  
FY 2009**

**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 2009

**Group 2:** Astronomy, astrophysics, chemistry, and physics

\_\_\_\_\_ NASF

Check this box if no research space in this field at the end of FY 2009

**h. Psychology**

Clinical child psychology  
Clinical psychology  
Cognitive psychology  
Community psychology  
Comparative psychology  
Counseling psychology  
Developmental and child psychology  
Educational psychology  
Environmental psychology  
Experimental psychology  
Family psychology  
Forensic psychology  
Geropsychology

Health psychology  
Industrial and organizational psychology  
Personality psychology  
Physiological psychology  
Psychobiology  
Psycholinguistics  
Psychometrics  
Psychopharmacology  
Quantitative psychology  
School psychology  
Social psychology  
Psychology, other

\_\_\_\_\_ NASF

Check this box if no research space in this field at the end of FY 2009

**i. Social sciences**

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

Geography and cartography  
International relations and affairs  
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 2009

**j. Other sciences**

Use this category when multidisciplinary, interdisciplinary, or other aspects make classification under one primary field impossible.

\_\_\_\_\_ NASF

*(Please describe.)* \_\_\_\_\_

Check this box if no research space in this field at the end of FY 2009

### Question 3: Research animal space

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

3. At the end of your FY 2009, 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 2009, 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 2009?

**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 2009, what percentage of the research NASF reported in Question 2 fell into each of the four condition categories below? Include research animal space.

<b>Superior condition</b>	Suitable for the most scientifically competitive research in this field over the next 2 years (your FY 2010 and FY 2011)
<b>Satisfactory condition</b>	Suitable for continued use over the next 2 years (your FY 2010 and FY 2011) for most levels of research in this field, but may require minor repairs or renovation
<b>Requires renovation</b>	Will no longer be suitable for current research without undergoing major renovation within the next 2 years (your FY 2010 and FY 2011)
<b>Requires replacement</b>	Should stop using space for current research within the next 2 years (your FY 2010 and FY 2011)

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, and physics .....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
h. Psychology.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
i. Social sciences .....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%
j. Other sciences.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%

## Question 7: Condition of research animal space

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

7. At the end of your FY 2009, what percentage of the research animal space reported in Question 3 fell into each of the four condition categories below?

**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.

<b>Superior condition</b>	Suitable for the most scientifically competitive research in this field over the next 2 years (your FY 2010 and FY 2011)
<b>Satisfactory condition</b>	Suitable for continued use over the next 2 years (your FY 2010 and FY 2011) for most levels of research in this field, but may require minor repairs or renovation
<b>Requires renovation</b>	Will no longer be suitable for current research without undergoing major renovation within the next 2 years (your FY 2010 and FY 2011)
<b>Requires replacement</b>	Should stop using space for current research within the next 2 years (your FY 2010 and FY 2011)

	<i>Mark "X" if no research animal space</i>	<b>Percent of net assignable square feet</b>				Total
		<i>(The percentages should sum to 100.)</i>				
		Superior condition	Satisfactory condition	Requires renovation	Requires replacement	
All space for research animals regardless of S&E field.....	<input type="checkbox"/>	_____ %	_____ %	_____ %	_____ %	100%

## Question 8: Biosafety level of research animal facilities

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

8. For each type of animal listed below, please indicate which types of biosafety level (BL) facilities were available at your institution at the end of your FY 2009.

### Biosafety Levels (BL)

All research animal facilities are BL-1 or higher, depending on the type of research performed.

- BL-1** Involves working with defined and characterized strains of viable microorganisms not known to cause disease in healthy adult humans
- BL-2** Involves working with the broad spectrum of indigenous moderate-risk agents present in the community and associated with human disease of varying severity
- BL-3** Involves working with indigenous or exotic agents with a potential for respiratory transmission, and which may cause serious and potentially lethal infection
- BL-4** Involves working with dangerous and exotic agents that pose a high individual risk of life-threatening disease, that may be transmitted via the aerosol route, and for which there is no available vaccine or therapy

If your institution did *not* have research animal facilities, check this box and go to Question 9.....

Type of animal	Mark "X" if no facilities for this type of animal	Biosafety levels at end of FY 2009			
		BL-1	BL-2	BL-3	BL-4
<i>(Check all that apply for each row.)</i>					
<b>Non-mammals</b>					
a. Fish/Aquatic species.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Birds.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Amphibians.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Reptiles.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Insects.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Other non-mammals ( <i>Please specify.</i> ).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>					
<b>Mammals</b>					
g. Rats, guinea pigs, or other rodents.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Cats, dogs, or rabbits.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Pigs, sheep, cattle, or goats.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Non-human primates.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Other mammals ( <i>Please specify.</i> ).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>					

Note: For additional information on biosafety levels, see the report Biosafety in Microbiological and Biomedical Laboratories, 5<sup>th</sup> Edition, 2007, U.S. Department of Health and Human Services.

## Question 9: Repairs and renovations started in FY 2008 and FY 2009

9. Please provide the completion costs for repair and renovation of S&E research facilities that started during your FY 2008 or FY 2009. 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 12.....

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

<b>Field of S&amp;E</b> (Include costs for research animal space.)	<b>Completion costs for projects started in FY 2008 or FY 2009</b>
a. Agricultural sciences and natural resources sciences .....	\$ <input type="text"/>
b. Biological and biomedical sciences .....	\$ <input type="text"/>
c. Computer and information sciences .....	\$ <input type="text"/>
d. Engineering.....	\$ <input type="text"/>
e. Health and clinical sciences.....	\$ <input type="text"/>
f. Mathematics and statistics .....	\$ <input type="text"/>
g. Physical sciences .....	\$ <input type="text"/>
Group 1: Atmospheric, earth, and geological sciences; meteorology; and oceanography .....	\$ <input type="text"/>
Group 2: Astronomy, astrophysics, chemistry, and physics .....	\$ <input type="text"/>
h. Psychology.....	\$ <input type="text"/>
i. Social sciences .....	\$ <input type="text"/>
j. Other sciences (Please describe.) .....	\$ <input type="text"/>

**Question 10: For research animal facilities only: repairs and renovations in FY 2008 and FY 2009**

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

10. How much of the completion costs for repair and renovation of research facilities as reported in Question 9 was for research animal facilities?

Research animal portion of the costs included in Question 9 (*If none, enter "0."*) .....\$

**Question 11: For medical schools only: repairs and renovations in FY 2008 and FY 2009**

11. *If your institution had a medical school*, how much of the completion costs for repair and renovation of research facilities as reported in Question 9 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 12.....

Medical school portion of the costs included in Question 9 (*If none, enter "0."*) .....\$

## Question 12: New construction started in FY 2008 and FY 2009

12. Please provide the total number of new construction projects that included S&E research facilities that started during your FY 2008 or FY 2009. 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 page 2 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 13 .....

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 12

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Please complete this form for **each** new construction project that started during your FY 2008 or FY 2009. 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.

12A. What is the name of this project? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

12B. During which of your fiscal years did the physical work of new construction begin for this project?

FY 2008.....

FY 2009.....

12C. 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 page 2 of the survey questionnaire) .....  NASF

Research facilities are defined on page 2 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 12

Page 2 of 4

- 12D. 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 page 2 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 12

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- 12E. 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.

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

Please make additional copies of this form as needed.

## Individual Project Form for Question 12

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

- 12F. How much of the completion costs and NASF reported in Question 12E 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 12E (If none, enter "0.").....	\$ <input type="text"/>	<input type="text"/> NASF

- 12G. **If your institution has a medical school**, how much of the completion costs and NASF reported in Question 12E 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 13.....

	Completion costs	Net assignable square feet
Medical school portion included in Question 12E (If none, enter "0.").....	\$ <input type="text"/>	<input type="text"/> NASF

### Question 13: Sources of project funding

13. 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 2008 or FY 2009 as reported in Question 9 and Question 12E.

*Total costs reported in column 1* should match the sum of the costs for repair and renovation of research facilities reported in Question 9 on page 12.

*Total costs reported in column 2* should match the sum of the costs for new construction as reported in Question 12E on all Individual Project Form(s).

<b>Source of funding</b>	<b>Completion costs</b>	
	(1) For repairs and renovations reported in Question 9	(2) For new construction reported in Question 12E (all project forms)
a. Federal government .....	\$ <input style="width: 100px;" type="text"/>	\$ <input style="width: 100px;" type="text"/>
b. State or local government .....	\$ <input style="width: 100px;" type="text"/>	\$ <input style="width: 100px;" 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 style="width: 100px;" type="text"/>	\$ <input style="width: 100px;" type="text"/>
<b>Total</b>	<b>\$</b> <input style="width: 100px;" type="text"/>	<b>\$</b> <input style="width: 100px;" type="text"/>

## Question 14: Planned repairs and renovations to start in FY 2010 and FY 2011

14. 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 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 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 17.....

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

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

**Question 15: For research animal facilities only: planned repairs and renovations in FY 2010 and FY 2011**

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

15. How much of the completion costs for planned repair and renovation of research facilities as reported in Question 14 will be for research animal facilities?

Research animal portion of the costs  
included in Question 14 (*If none, enter "0."*)..... \$

**Question 16: For medical schools only: planned repairs and renovations in FY 2010 and FY 2011**

16. *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 14 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 17 .....

Medical school portion of the costs  
included in Question 14 (*If none, enter "0."*)..... \$

## Question 17: Planned new construction to start in FY 2010 and FY 2011

17. 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 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 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 20 .....

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

### Planned new construction scheduled to start in FY 2010 or FY 2011

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, 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 sciences (Please describe.).....	\$ <input type="text"/>	<input type="text"/>	NASF

**Question 18: For research animal facilities only: planned new construction in FY 2010 and FY 2011**

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

18. How much of the completion costs and NASF for the planned new construction of research facilities as reported in Question 17 will be for research animal facilities?

	<b>Completion costs</b>	<b>Net assignable square feet</b>
Research animal portion included in Question 17 ( <i>If none, enter "0."</i> ) .....	\$ <input type="text"/>	<input type="text"/> NASF

**Question 19: For medical schools only: planned new construction in FY 2010 and FY 2011**

19. *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 17 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 20.....

	<b>Completion costs</b>	<b>Net assignable square feet</b>
Medical school portion included in Question 17 ( <i>If none, enter "0."</i> ) .....	\$ <input type="text"/>	<input type="text"/> NASF

## Question 20: Deferred repairs and renovations

20. 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 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. 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 2010 or FY 2011. 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 23 .....

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, 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 sciences ( <i>Please describe.</i> ).....	\$ <input type="text"/>	\$ <input type="text"/>

**Question 21: For research animal facilities only: deferred repairs and renovations**

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

21. How much of the estimated costs for deferred repair and renovation of research facilities as reported in Question 20 would be for research animal facilities?

	<b>For projects included in your institutional plan</b>	<b>For projects <i>not</i> included in your institutional plan</b>
Research animal portion of the costs included in Question 20 ( <i>If none, enter "0."</i> ).....	\$ <input type="text"/>	\$ <input type="text"/>

**Question 22: For medical schools only: deferred repairs and renovations**

22. *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 20 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 23 .....

	<b>For projects included in your institutional plan</b>	<b>For projects <i>not</i> included in your institutional plan</b>
Medical school portion of the costs included in Question 20 ( <i>If none, enter "0."</i> ).....	\$ <input type="text"/>	\$ <input type="text"/>

## Question 23: Deferred new construction

23. 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 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. 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 2010 or FY 2011. 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 26.....

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 <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, 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 sciences ( <i>Please describe.</i> ).....	\$ <input type="text"/>	\$ <input type="text"/>



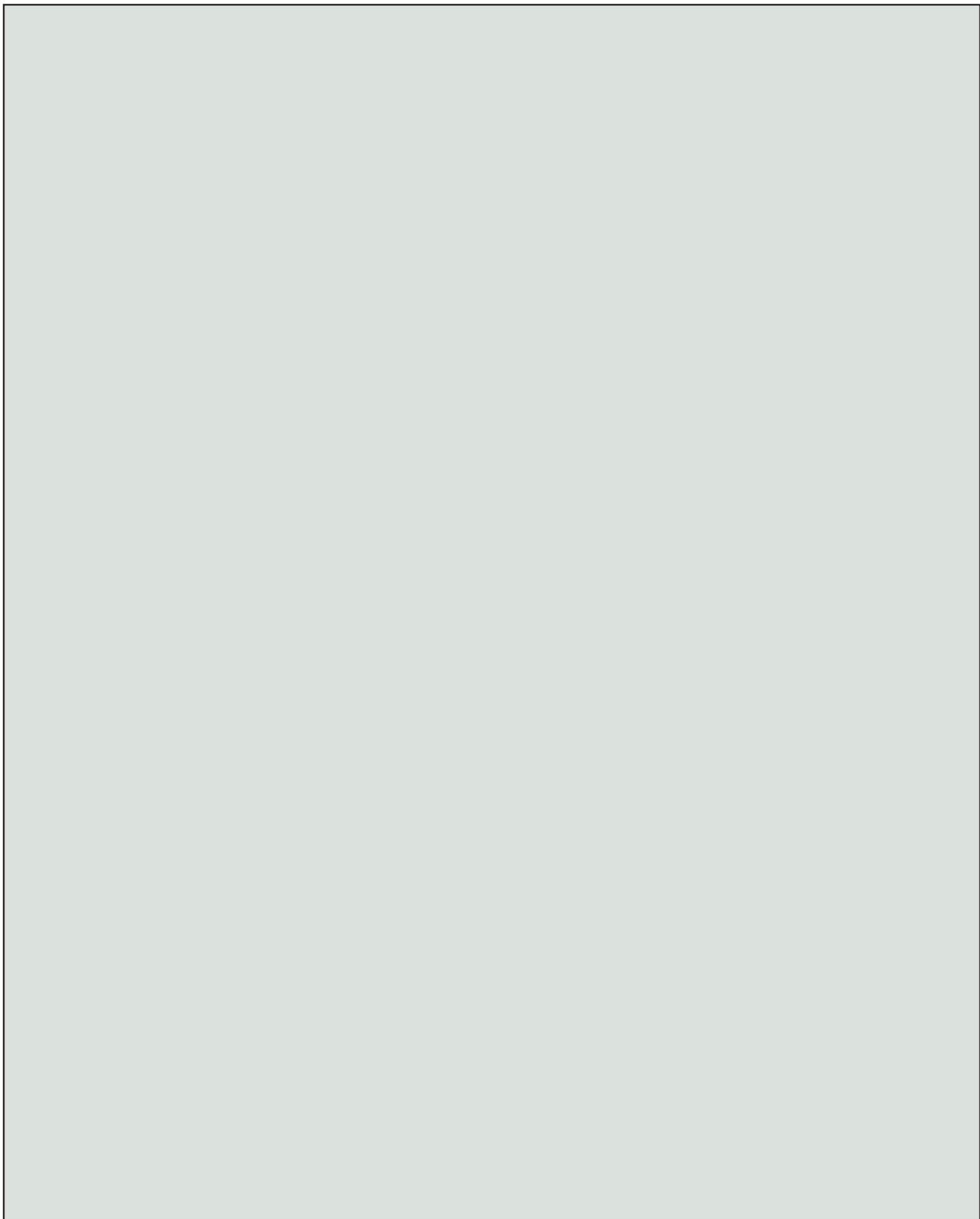
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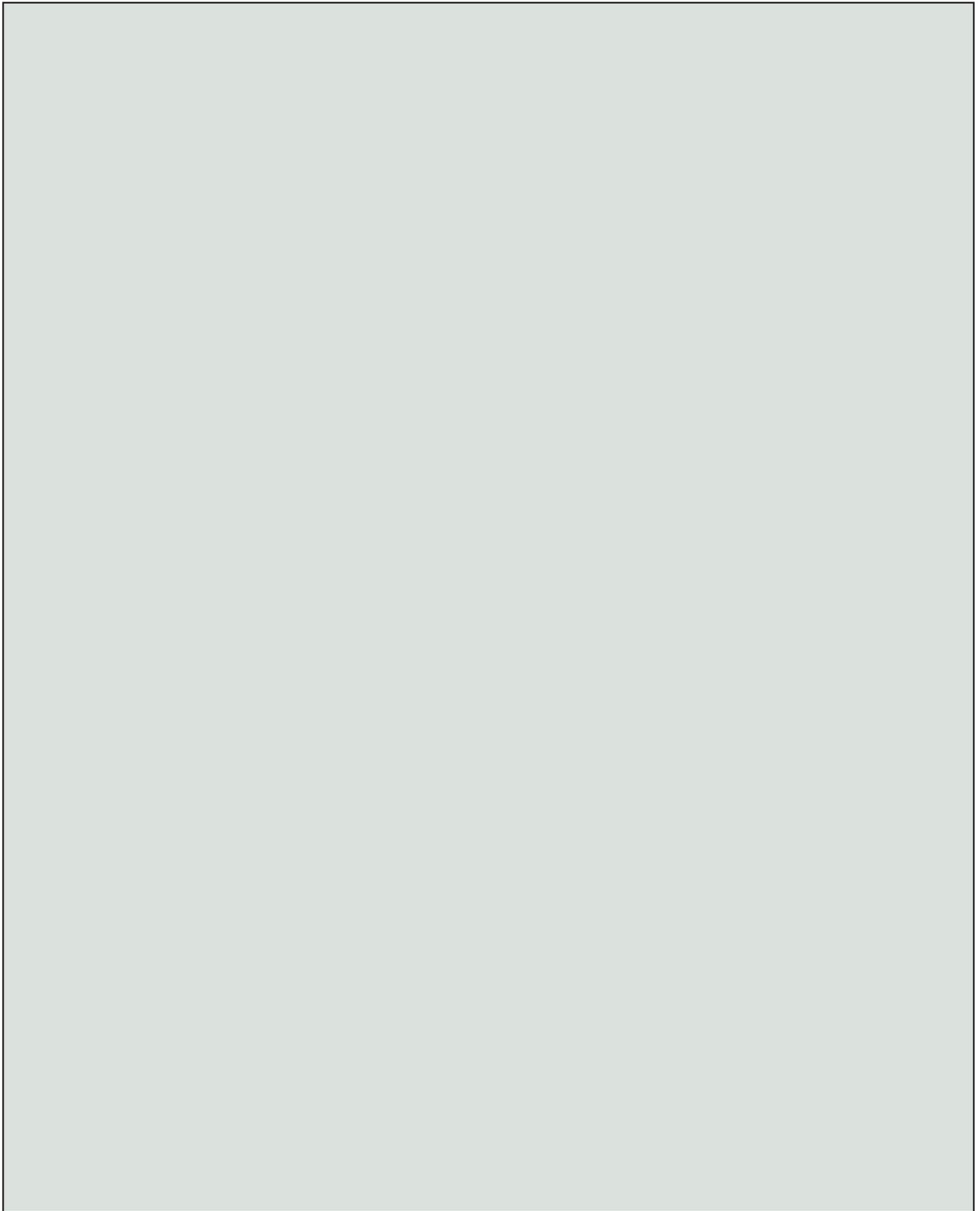
**Crosswalk of NSF Fields of S&E  
to the National Center for Education Statistics (NCES)  
2000 Classification of Instructional Programs (CIP)**

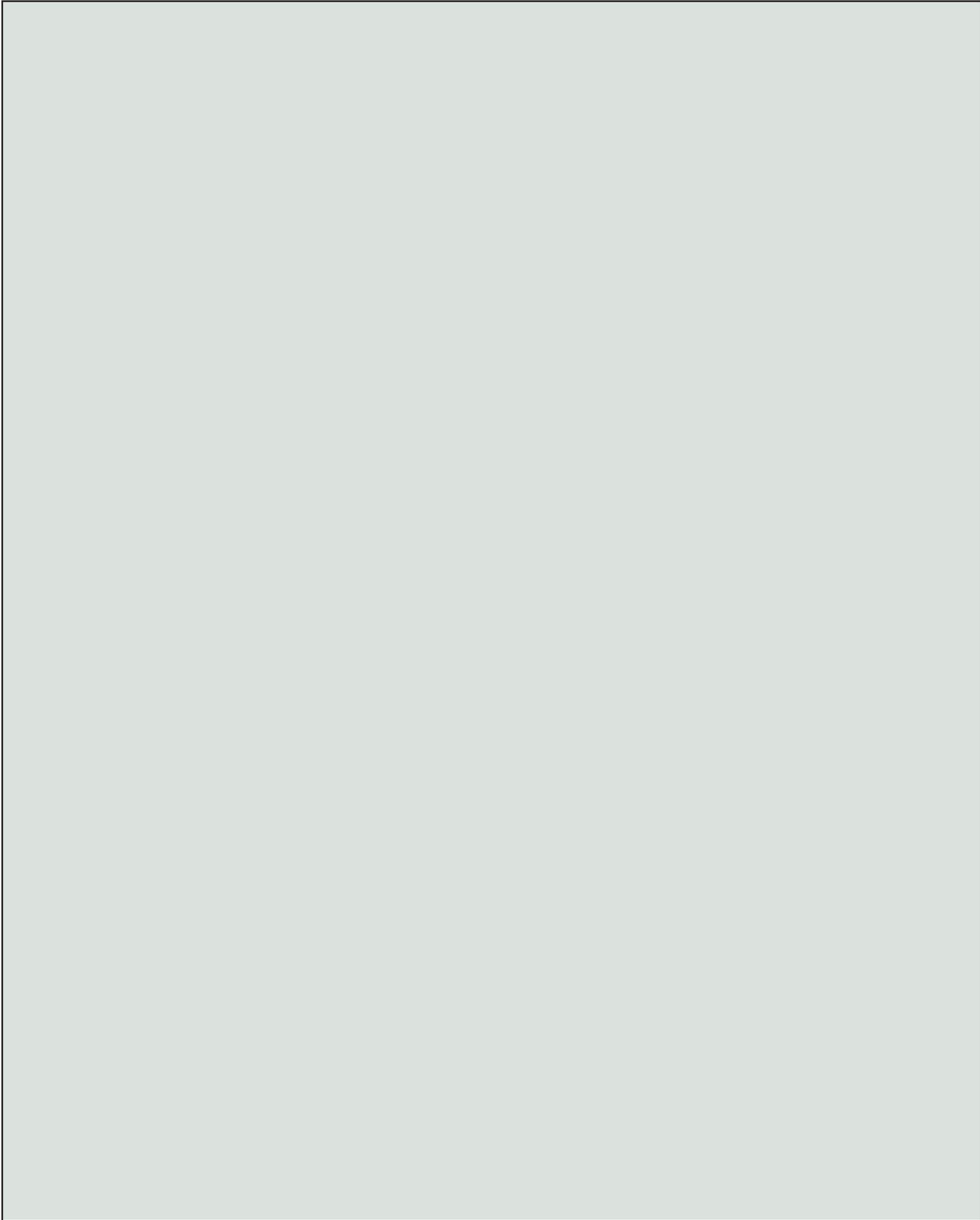
<b>NSF field of S&amp;E</b>	<b>NCES CIP 2000 classification</b>			
<b>Agricultural sciences and natural resources sciences</b>	01.09	Animal sciences	03.05	Forestry
	01.10	Food science and technology	03.06	Wildlife and wildlands science and management
	01.11	Plant sciences		
	01.12	Soil sciences		Also include:
	03.01	Natural resources conservation and research (includes environmental science)	01.0103	Agricultural economics
			03.0204	Natural resources economics
	03.03	Fishing and fisheries sciences and management		
<b>Biological and biomedical sciences</b>	26.01	Biology, general	26.10	Pharmacology and toxicology
	26.02	Biochemistry, biophysics and molecular biology	26.11	Biostatistics and bioinformatics
	26.03	Botany/plant biology	26.12	Biotechnology
	26.04	Cell/cellular biology and anatomical sciences	26.13	Ecology, evolution and population biology
	26.05	Microbiological sciences and immunology	26.99	Biological and biomedical sciences, other
	26.07	Zoology/animal biology		
	26.08	Genetics		Also include:
	26.09	Physiology, pathology, and related sciences	19.0504	Human nutrition
<b>Computer and information sciences</b>	11.01	Computer and information sciences, general	11.08	Computer software and media applications
	11.04	Information science/studies	11.09	Computer systems networking and telecommunications
	11.07	Computer science		
<b>Engineering</b>	14.01	Engineering, general	14.20	Metallurgical engineering
	14.02	Aerospace, aeronautical and astronautical engineering	14.21	Mining and mineral engineering
	14.03	Agricultural/biological engineering and bioengineering	14.22	Naval architecture and marine engineering
	14.04	Architectural engineering	14.23	Nuclear engineering
	14.05	Biomedical/medical engineering	14.24	Ocean engineering
	14.06	Ceramic sciences and engineering	14.25	Petroleum engineering
	14.07	Chemical engineering	14.27	Systems engineering
	14.08	Civil engineering	14.28	Textile sciences and engineering
	14.09	Computer engineering, general	14.31	Materials science
	14.10	Electrical, electronics and communications engineering	14.32	Polymer/plastics engineering
	14.11	Engineering mechanics	14.33	Construction engineering
	14.12	Engineering physics	14.34	Forest engineering
	14.13	Engineering science	14.35	Industrial engineering
	14.14	Environmental/environmental health engineering	14.36	Manufacturing engineering
	14.18	Materials engineering	14.37	Operations research
	14.19	Mechanical engineering	14.38	Surveying engineering
			14.39	Geological/geophysical engineering
			14.99	Engineering, other
	<b>Health and clinical sciences</b>	51.02	Communication disorders sciences and services	51.19
51.04		Dentistry	51.20	Pharmacy, pharmaceutical sciences, and administration
51.05		Advanced/graduate dentistry and oral sciences	51.21	Podiatric medicine/podiatry
51.09		Allied health diagnostic, intervention, and treatment professions	51.22	Public health
51.10		Clinical/medical laboratory science and allied professions	51.23	Rehabilitation and therapeutic professions
51.12		Medicine	51.24	Veterinary medicine
51.14		Medical clinical sciences/graduate medical studies	51.25	Veterinary biomedical and clinical sciences
51.16		Nursing	51.27	Medical illustration and informatics
51.17		Optometry		Also include:
			31.0505	Kinesiology and exercise science

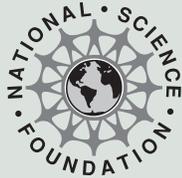
<b>NSF field of S&amp;E</b>	<b>NCES CIP 2000 classification</b>				
<b>Mathematics and statistics</b>	27.01	Mathematics	27.05	Statistics	
	27.03	Applied mathematics	27.99	Mathematics and statistics, other	
<b>Physical sciences</b>	<b>Group 1</b>				
	40.04	Atmospheric sciences and meteorology			
	40.06	Geological and earth sciences/geosciences (includes oceanography)			
	-----				
	<b>Group 2</b>				
	40.01	Physical sciences, general			
	40.02	Astronomy and astrophysics			
	40.05	Chemistry			
	40.08	Physics			
	40.99	Physical sciences, other			
<b>Psychology</b>	42.01	Psychology, general	42.17	School psychology	
	42.02	Clinical psychology	42.18	Educational psychology	
	42.03	Cognitive psychology and psycholinguistics	42.19	Psychometrics and quantitative psychology	
	42.04	Community psychology	42.20	Clinical child psychology	
	42.05	Comparative psychology	42.21	Environmental psychology	
	42.06	Counseling psychology	42.22	Geropsychology	
	42.07	Developmental and child psychology	42.23	Health psychology	
	42.08	Experimental psychology	42.24	Psychopharmacology	
	42.09	Industrial and organizational psychology	42.25	Family psychology	
	42.10	Personality psychology	42.26	Forensic psychology	
	42.11	Physiological psychology/psychobiology	42.99	Psychology, other	
	42.16	Social psychology			
	<b>Social sciences</b>	45.01	Social sciences, general	45.11	Sociology
		45.02	Anthropology	45.12	Urban studies/affairs
45.03		Archeology	45.99	Social sciences, other	
45.04		Criminology			
45.05		Demography and population studies	Also include:		
45.06		Economics	43.0106	Forensic science and technology	
45.07		Geography and cartography	43.0107	Criminal justice/police science	
45.09		International relations and affairs	43.0111	Criminalistics and criminal science	
45.10		Political science and government			
<b>Other sciences</b>		Use this category when multidisciplinary, interdisciplinary, or other aspects make classification under one primary 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  
National Institutes of Health



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

### FY 2009 Survey of Science and Engineering Research Facilities

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

Name:

Telephone:

Title/position:

E-mail address:

Please complete the questionnaire and submit it 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](http://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 of Westat via e-mail at [facilitiesurvey@westat.com](mailto:facilitiesurvey@westat.com) or call 1-888-811-1838. The survey director at the National Science Foundation is Dr. Leslie Christovich.

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 1 on total bandwidth** has been modified to include bandwidth to the National LambdaRail.
- **Question 3 on bandwidth to the National LambdaRail** has been added.
- **15 questions from the last survey cycle have been deleted** (question numbers shown below refer to those appearing in the FY 2007 survey):
  - Commodity internet connections (Question 4)
  - Type of desktop port cable (Question 8)
  - High-performance computing clusters (Questions 14-19)
  - High-performance computing architectures (Questions 21, 23, 25, and 26)
  - High-performance computing and administrative functions (Questions 27, 33, and 35)

## Question 1: Total bandwidth

1. At the end of your FY 2009, what was your institution's total bandwidth to the commodity internet (Internet1), Internet2, and the National LambdaRail (NLR)? What is your estimate of this total for your institution at the end of your FY 2010?

**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 (NLR)** is an advanced optical network infrastructure for research and education. NLR 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;
- Burstable bandwidth;
- Standard modems (57,600 bps or slower);
- DSL (Digital Subscriber Lines), communication over copper wires;
- Cable modems;
- ISDN (Integrated Services Digital Network), a communications standard for sending voice, video, and data over telephone lines.

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

### Total bandwidth

(Mark one "X" for each column.)

Speed	At end of FY 2009	Estimated at end of FY 2010
a. <i>No bandwidth to commodity internet, Internet2, or National LambdaRail</i> .....	<input type="checkbox"/>	<input type="checkbox"/>
b. Less than 1.6 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
c. 1.6 to 9 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
d. 10 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
e. 11 to 45 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
f. 46 to 99 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
g. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
h. 101 to 155 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
i. 156 to 622 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
j. 623 to 999 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
k. 1 to 2.4 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
l. 2.5 to 9 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
m. 10 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
n. More than 10 gigabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
o. Other ( <i>Please specify</i> ).....	<input type="checkbox"/>	<input type="checkbox"/>
<input style="width: 100%; height: 15px;" type="text"/>		
<input style="width: 100%; height: 15px;" type="text"/>		

## Question 2: Internet2 bandwidth

Questions 2–11 include networking capacity for: research, instruction, and residence halls.

2. At the end of your FY 2009, what was your institution’s bandwidth to Internet2? What is your estimate of the bandwidth to Internet2 at the end of your FY 2010?

**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 2009	Estimated at end of FY 2010
a. <i>No bandwidth to Internet2</i> .....	<input type="checkbox"/>	<input type="checkbox"/>
b. Less than 1.6 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
c. 1.6 to 9 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
d. 10 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
e. 11 to 45 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
f. 46 to 99 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
g. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
h. 101 to 155 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
i. 156 to 622 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
j. 623 to 999 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
k. 1 to 2.4 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
l. 2.5 to 9 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
m. 10 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
n. More than 10 gigabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
o. Other ( <i>Please specify</i> ).....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		

### Question 3: National LambdaRail (NLR) bandwidth

3. At the end of your FY 2009, what was your institution's bandwidth to National LambdaRail (NLR)? What is your estimate of the bandwidth to National LambdaRail at the end of your FY 2010?

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

**National LambdaRail (NLR)** is an advanced optical network infrastructure for research and education. NLR 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 2009	Estimated at end of FY 2010
a. <i>No bandwidth to National LambdaRail</i> .....	<input type="checkbox"/>	<input type="checkbox"/>
b. Less than 1.6 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
c. 1.6 to 9 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
d. 10 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
e. 11 to 45 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
f. 46 to 99 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
g. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
h. 101 to 155 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
i. 156 to 622 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
j. 623 to 999 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
k. 1 to 2.4 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
l. 2.5 to 9 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
m. 10 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
n. More than 10 gigabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
o. Other ( <i>Please specify.</i> ).....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		

## Question 4: Commodity internet (Internet1) bandwidth

4. At the end of your FY 2009, what was your institution's bandwidth to the commodity internet (Internet1)? What is your estimate of the bandwidth to the commodity internet at the end of your FY 2010?

**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."

Please do not include:

- Redundant connections, which are not normally active but available if a failure occurs with the active connection;
- Burstable bandwidth;
- Standard modems (57,600 bps or slower);
- DSL (Digital Subscriber Lines), communication over copper wires;
- Cable modems;
- ISDN (Integrated Services Digital Network), a communications standard for sending voice, video, and data over telephone lines.

### Bandwidth for commodity internet

(Mark one "X" for each column.)

Speed	At end of FY 2009	Estimated at end of FY 2010
a. No bandwidth to commodity internet .....	<input type="checkbox"/>	<input type="checkbox"/>
b. Less than 1.6 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
c. 1.6 to 9 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
d. 10 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
e. 11 to 45 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
f. 46 to 99 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
g. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
h. 101 to 155 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
i. 156 to 622 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
j. 623 to 999 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
k. 1 to 2.4 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
l. 2.5 to 9 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
m. 10 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
n. More than 10 gigabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
o. Other (Please specify.).....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		
<input type="text"/>		

## Question 5: Bandwidth through consortia

5. At the end of your FY 2009, 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 2010?

A **consortium** is a collaboration of any combination of educational institutions (e.g., university system, K-12), 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.)*

<b>Fiscal year</b>	<b>Yes</b>	<b>No</b>
a. Bandwidth through consortia at the end of FY 2009.....	<input type="checkbox"/>	<input type="checkbox"/>
b. Bandwidth through consortia at the end of FY 2010.....	<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 2010.*

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## Question 6: High-performance network connections

6. At the end of your FY 2009, did your institution have connections to any of the following high-performance networks? Do you expect to have connections to any of these networks at the end of your FY 2010?

A **high-performance network** is characterized by high bandwidth, low latency, and low rates of packet loss. Additionally, a high-performance network is able to support delay-sensitive, bandwidth-intensive applications such as distributed computing, real-time access, and control of remote instrumentation.

**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 (NLR)** is an advanced optical network infrastructure for research and education. NLR enables cutting-edge exploration in the sciences and network research.

**ESnet** is the Department of Energy's Energy Sciences Network.

**NREN** is the NASA Research and Education Network.

(Mark one "X" for each row.)

At the end of FY 2009	Yes	No
a. Internet2.....	<input type="checkbox"/>	<input type="checkbox"/>
b. National LambdaRail.....	<input type="checkbox"/>	<input type="checkbox"/>
c. Federal government research network (e.g., Department of Energy ESnet, NASA NREN).....	<input type="checkbox"/>	<input type="checkbox"/>
d. State or regional high-performance network .....	<input type="checkbox"/>	<input type="checkbox"/>
e. Other (Please specify.).....	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>		
<hr/>		

Estimated at the end of FY 2010	Yes	No
f. Internet2.....	<input type="checkbox"/>	<input type="checkbox"/>
g. National LambdaRail.....	<input type="checkbox"/>	<input type="checkbox"/>
h. Federal government research network (e.g., Department of Energy ESnet, NASA NREN).....	<input type="checkbox"/>	<input type="checkbox"/>
i. State or regional high-performance network .....	<input type="checkbox"/>	<input type="checkbox"/>
j. Other (Please specify.).....	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>		
<hr/>		

## Question 7: Desktop port connections

7. At the end of your FY 2009, 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 2010? 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 2009	Estimated at end of FY 2010
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 or more .....	<input type="text"/> %	<input type="text"/> %
d. Other ( <i>Please specify.</i> ).....	<input type="text"/> %	<input type="text"/> %
<input type="text"/>		
<b>Total</b>	<b>100%</b>	<b>100%</b>

## Question 8: Dark fiber

8. At the end of your FY 2009, 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 2010?

**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 2009	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 2010	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 9: Speed on your network

9. At the end of your FY 2009, 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 2010?

(Mark one "X" for each column.)

Speed	At end of FY 2009	Estimated at end of FY 2010
a. Less than 1.6 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
b. 1.6 to 9 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
c. 10 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
d. 11 to 45 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
e. 46 to 99 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
f. 100 megabits/second.....	<input type="checkbox"/>	<input type="checkbox"/>
g. 101 to 155 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
h. 156 to 622 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
i. 623 to 999 megabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
j. 1 to 2.4 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
k. 2.5 to 9 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
l. 10 gigabits/second .....	<input type="checkbox"/>	<input type="checkbox"/>
m. More than 10 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 12: Architectures for centrally administered high-performance computing (HPC) of 1 teraflop or faster

12. At the end of your FY 2009, 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?

**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. For example, if you have 2 clusters of ½ teraflop and 1 cluster of 1 teraflop, report information for the 1 teraflop system. Or, if you have 3 clusters of ½ teraflop each, then you would report that you have no high-performance computing with a cluster architecture.*

**Had at end of FY 2009**

(Mark one "X" for each row.)

**Centrally administered HPC architectures**

	Yes	No
a. <b>Cluster</b> ..... This architecture uses multiple commodity systems with an Ethernet based or high-performance interconnect network to perform as a single system.	<input type="checkbox"/>	<input type="checkbox"/>
b. <b>Massively parallel processors (MPP)</b> ..... This architecture uses multiple processors within a single system with a high-performance interconnect network. Each processor uses its own memory and operating system.	<input type="checkbox"/>	<input type="checkbox"/>
c. <b>Symmetric multiprocessors (SMP)</b> ..... This architecture uses multiple processors sharing the same memory and operating system to simultaneously work on individual pieces of a program.	<input type="checkbox"/>	<input type="checkbox"/>
d. <b>Parallel vector processors (PVP)</b> ..... 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. <b>Experimental/Emerging architecture</b> ( <i>Please describe.</i> ) ..... This architecture uses technologies not currently in common use for HPC systems (e.g., an accelerator-based architecture). <input style="width: 100%;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. <b>Special purpose architecture</b> ( <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. <input style="width: 100%;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. <b>Other architecture</b> ( <i>Please describe.</i> ) ..... <input style="width: 100%;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Question 13: HPC centrally administered resources**

13. In Question 12 (a–g), did you report having any centrally administered high-performance computing of 1 teraflop or faster at the end of your FY 2009?

Yes (Check this box and go to Question 14).....

No (Check this box and go to Question 24).....

**Question 14: Centrally administered clusters of 1 teraflop or faster**

14. At the end of your FY 2009, 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 with an Ethernet based or high-performance interconnect network 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. For example, if you have one cluster system at ½ teraflop and another at 1 ½ teraflops, report only the one at 1 ½ teraflops.

*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 15 .....

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 15: Centrally administered MPP of 1 teraflop or faster

15. At the end of your FY 2009, 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 high-performance interconnect network. Each processor uses its own memory and operating system.

*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. For example, if you have one MPP system at ½ teraflop and another at 1 ½ teraflops, report only the one at 1 ½ teraflops.

*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 16.....

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 16: Centrally administered SMP of 1 teraflop or faster

16. At the end of your FY 2009, 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.

*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. For example, if you have one SMP system at ½ teraflop and another at 1 ½ teraflops, report only the one at 1 ½ teraflops.

*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 17.....

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 17: Centrally administered experimental/emerging computing systems of 1 teraflop or faster**

17. At the end of your FY 2009, 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 (e.g., an accelerator-based architecture).

If your institution did not administer any such systems, check this box and go to Question 18 .....

Number of experimental/emerging computing systems of 1 teraflop or faster .....

**Question 18: Centrally administered special purpose computing systems of 1 teraflop or faster**

18. At the end of your FY 2009, 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 problem.

If your institution did not administer any such systems, check this box and go to Question 19 .....

Number of special purpose computing systems of 1 teraflop or faster .....

**Question 19: External users of centrally administered HPC of 1 teraflop or faster**

19. During your FY 2009, which types of external users listed below used any of your institution's centrally administered HPC of 1 teraflop or faster?

**Used HPC during  
FY 2009**

*(Mark one "X" for each row.)*

<b>Type of external user</b>	Yes	No	Uncertain
a. <b>Colleges and universities</b> ..... Include public and private academic institutions and systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. <b>Governments</b> ..... Include local, state, and regional jurisdictions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. <b>Non-profit organizations</b> ..... 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. <b>Industry</b> ..... Include for-profit companies, either publicly or privately held.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. <b>Other</b> <i>(Please describe.)</i> ..... <input type="text"/> <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Question 20: Usable online storage for centrally administered HPC of 1 teraflop or faster**

20. At the end of your FY 2009, what was the total of the **usable** online storage available for centrally administered HPC?

**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.*) .....
- l. Uncertain .....

## Question 21: Usable shared storage for centrally administered HPC of 1 teraflop or faster

21. At the end of your FY 2009, how much of the usable online storage reported in Question 20 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.*).....
- l. Uncertain .....

**Question 22: Archival storage for centrally administered HPC of 1 teraflop or faster**

22. At the end of your FY 2009, what was the total archival storage available specifically for centrally administered HPC? *Do not* include backup storage.

**Archival storage** is off-line, typically long-term storage for files and data that 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.*).....
- j. Uncertain .....

**Question 23: Conditioned machine room space for centrally administered HPC of 1 teraflop or faster**

23. At the end of your FY 2009, what was the total net assignable square feet (NASF) of conditioned machine room space for all centrally administered HPC at your institution?

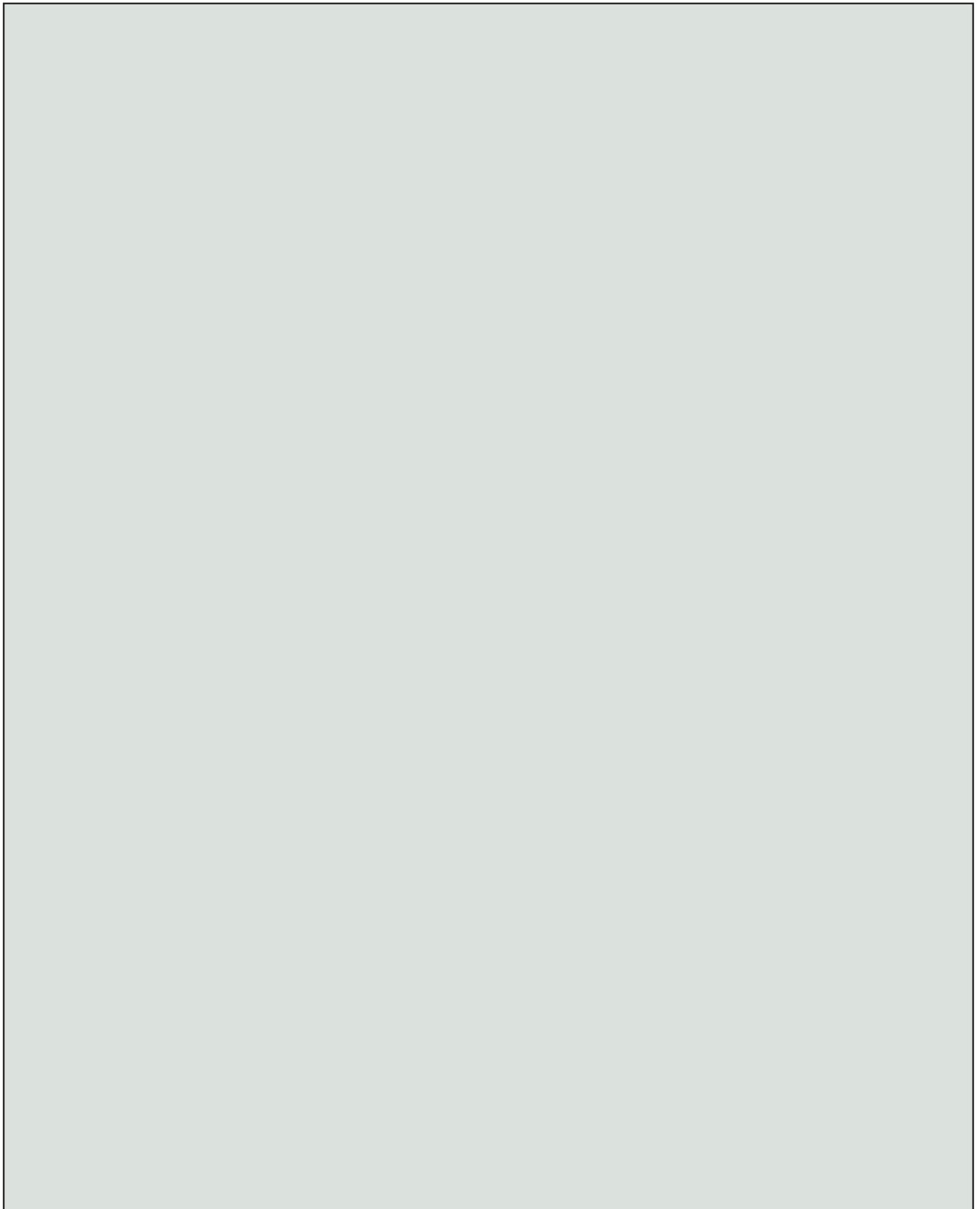
**Net assignable square feet (NASF)** is the sum of all areas on all floors of a building assigned to, or available to be assigned to, an occupant for a specific use, such as research or instruction. NASF is measured from the inside faces of walls.

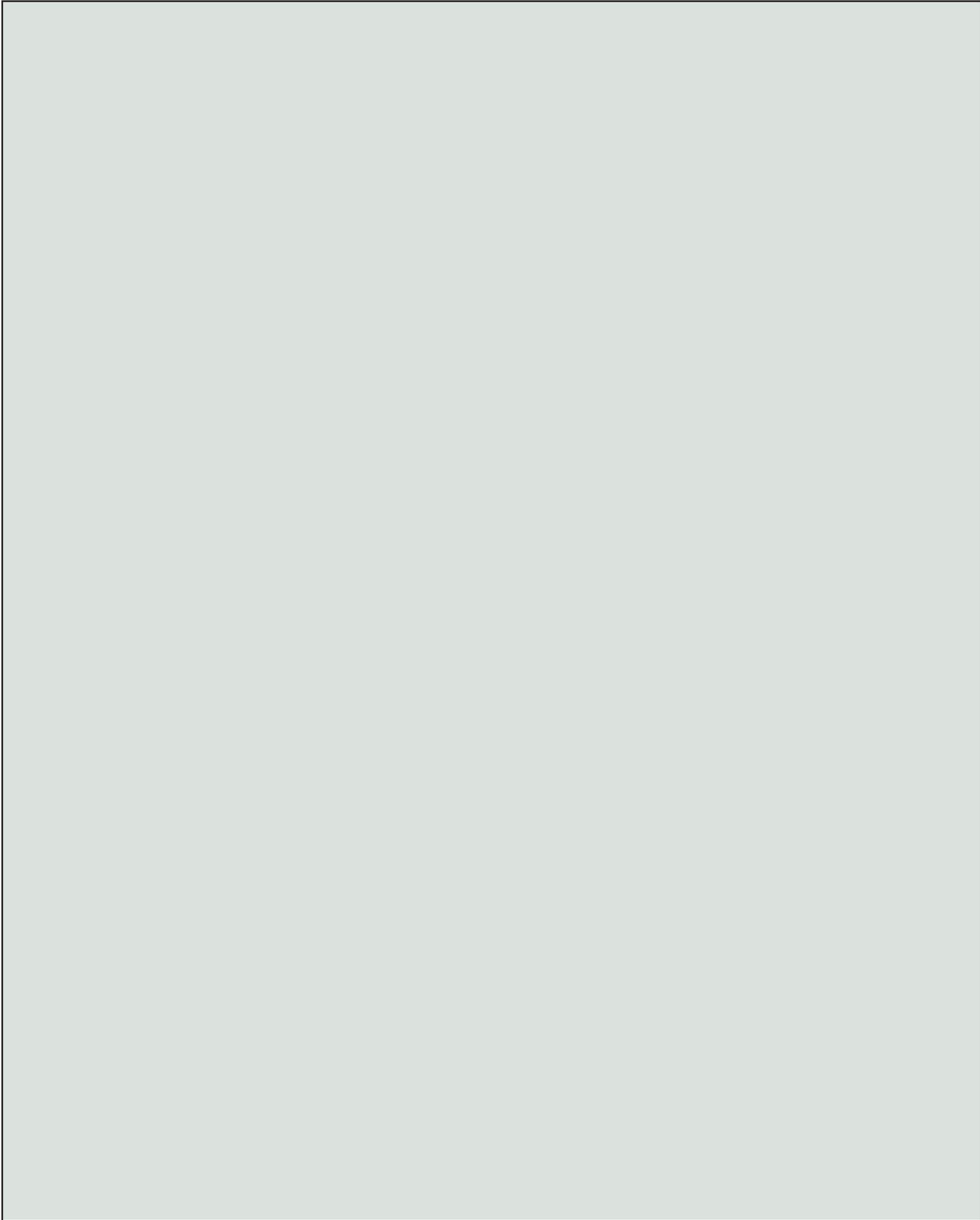
**Conditioned machine rooms** are specifically designed to house computing systems and are engineered to keep processors at a cool temperature so they can run efficiently and effectively.

Conditioned machine room space .....  NASF



***Thank you. This is the end of Part 2. Please submit this part of the survey according to the arrangements you made with your institutional coordinator (named on the label on the front cover of the survey questionnaire).***





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