



Academic Research and Development Expenditures: Fiscal Year 2006

Detailed Statistical Tables | NSF 08-300 | November 2007

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General Notes

The data presented in this report were compiled from the National Science Foundation (NSF) fiscal year 2006 Survey of Research and Development Expenditures at Universities and Colleges. The survey collects the separately budgeted R&D expenditures in science and engineering (S&E) fields reported by universities and colleges. Unless noted differently, expenditures analyzed in this report refer to S&E R&D activities only. Non-S&E expenditures are reported separately and are not included in the overall expenditures totals. Terms used in institutional accounting procedures are incorporated throughout the tables and are defined below.

Separately budgeted R&D expenditures include all funds expended for activities that are specifically organized to produce research outcomes. These activities are either commissioned by an agency external to the institution or are separately budgeted by an organizational unit within the institution. *Expenditures* are funds actually spent by an institution during its fiscal year. *Separately budgeted R&D equipment purchased from current funds* includes all research equipment purchased under sponsored research project awards.

Federally funded research and development centers (FFRDCs) are R&D-performing organizations that range in organizational structure from traditional contractor-owned/contractor-operated or government-owned/contractor-operated to structures in which degrees of contractor/government control and ownership vary. FFRDCs are formed to achieve particular federal R&D objectives that cannot be met as effectively by existing organizations.

Imputation and *imputed data* refer to the computerized process by which NSF develops estimates of data when institutions do not provide information upon request. Estimates are based primarily on key data items reported in prior-year surveys. When these key data items are not available, estimates are derived from data of respondent institutions that have similar characteristics, including highest degree granted and type of institutional control (public or private). In this publication, the letter "i" is used to identify imputed data. The letter "e" is used when institutional respondents indicated that their data were estimated or when data required slight mathematical adjustments.

Data presented in trend tables were compiled from the most recently completed survey cycle. Prior-year data have been reviewed for consistency with current-year responses and, when necessary, revised in consultation with institutional respondents.

Institutions revise data from previous years when important changes occur in reporting practices and program classifications, and only the latest tables incorporate such changes. For accurate historical data, use only the most recently published detailed statistical tables.

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TABLE 1. R&D expenditures at universities and colleges, by source of funds: FY 1953–2006
(Dollars in millions)

Fiscal year	All R&D expenditures	Source of funds				
		Federal government	State and local government	Industry	Institutional funds	All other sources
1953	255	138	37	19	35	26
1954	290	160	42	22	38	28
1955	312	169	47	25	41	30
1956	372	213	53	29	43	34
1957	410	229	60	34	49	38
1958	456	254	68	39	53	42
1959	526	306	76	39	58	47
1960	646	405	85	40	64	52
1961	763	500	95	40	70	58
1962	904	613	106	40	79	66
1963	1,081	760	118	41	89	73
1964	1,275	917	132	40	103	83
1965	1,474	1,073	143	41	124	93
1966	1,715	1,261	156	42	148	108
1967	1,921	1,409	164	48	181	119
1968	2,149	1,572	172	55	218	132
1969	2,225	1,600	197	60	223	145
1970	2,335	1,647	219	61	243	165
1971	2,500	1,724	255	70	274	177
1972	2,630	1,795	269	74	305	187
1973	2,884	1,985	295	84	318	202
1974	3,022	2,032	308	95	368	219
1975	3,409	2,288	332	113	417	259
1976	3,729	2,512	364	123	446	285
1977	4,067	2,726	374	139	514	314
1978 ^a	4,625	3,059	414	170	623	359
1979	5,366	3,598	472	193	735	368
1980	6,063	4,098	491	236	835	403
1981	6,847	4,571	546	291	1,004	435
1982	7,324	4,768	616	337	1,111	491
1983	7,882	4,989	626	389	1,302	576
1984	8,620	5,431	690	475	1,411	613
1985	9,687	6,064	752	560	1,617	694
1986	10,928	6,712	915	700	1,869	732
1987	12,153	7,343	1,023	790	2,168	828
1988	13,463	8,193	1,106	872	2,356	935
1989	14,977	8,991	1,224	994	2,698	1,071
1990	16,286	9,638	1,324	1,127	3,006	1,191
1991	17,585	10,234	1,474	1,204	3,367	1,307
1992	18,818	11,093	1,491	1,279	3,547	1,409
1993	19,951	11,957	1,559	1,360	3,589	1,486
1994	21,030	12,650	1,555	1,422	3,828	1,575
1995	22,174	13,333	1,690	1,489	4,048	1,614
1996	23,049	13,842	1,812	1,605	4,171	1,619
1997	24,373	14,316	1,910	1,737	4,698	1,712
1998	25,859	15,153	1,944	1,888	5,003	1,870
1999	27,534	16,103	2,022	2,033	5,381	1,995
2000	30,073	17,538	2,200	2,156	5,924	2,254
2001	32,811	19,233	2,321	2,219	6,614	2,425

TABLE 1. R&D expenditures at universities and colleges, by source of funds: FY 1953–2006
(Dollars in millions)

Fiscal year	All R&D expenditures	Source of funds				
		Federal government	State and local government	Industry	Institutional funds	All other sources
2002	36,394	21,864	2,506	2,191	7,133	2,700
2003	40,087	24,759	2,646	2,162	7,663	2,857
2004	43,242	27,631	2,879	2,129	7,752	2,852
2005	45,777	29,191	2,942	2,294	8,258	3,093
2006	47,760	30,033	3,016	2,428	9,062	3,221

^a FY 1978 data are estimated based on data collected from doctorate-granting institutions only.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 2. R&D expenditures at universities and colleges, by character of work: FY 1953–2006

(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
1953	255	110	43.1	145	56.9
1954	290	136	46.9	154	53.1
1955	312	159	51.0	153	49.0
1956	372	200	53.8	172	46.2
1957	410	240	58.5	170	41.5
1958	456	281	61.6	175	38.4
1959	526	343	65.2	183	34.8
1960	646	433	67.0	213	33.0
1961	763	536	70.2	227	29.8
1962	904	659	72.9	245	27.1
1963	1,081	814	75.3	267	24.7
1964	1,275	1,003	78.7	272	21.3
1965	1,474	1,138	77.2	336	22.8
1966	1,715	1,303	76.0	412	24.0
1967	1,921	1,457	75.8	464	24.2
1968	2,149	1,650	76.8	499	23.2
1969	2,225	1,711	76.9	514	23.1
1970	2,335	1,796	76.9	539	23.1
1971	2,500	1,914	76.6	586	23.4
1972	2,630	2,022	76.9	608	23.1
1973	2,884	2,053	71.2	831	28.8
1974	3,022	2,153	71.2	869	28.8
1975	3,409	2,410	70.7	999	29.3
1976	3,729	2,549	68.4	1,180	31.6
1977	4,067	2,800	68.8	1,267	31.2
1978 ^a	4,625	na	na	na	na
1979	5,366	3,619	67.4	1,747	32.6
1980	6,063	4,036	66.6	2,026	33.4
1981	6,847	4,594	67.1	2,253	32.9
1982	7,324	4,879	66.6	2,445	33.4
1983	7,882	5,303	67.3	2,579	32.7
1984	8,620	5,733	66.5	2,887	33.5
1985	9,687	6,556	67.7	3,131	32.3
1986	10,928	7,492	68.6	3,435	31.4
1987	12,153	8,393	69.1	3,760	30.9
1988	13,463	8,894	66.1	4,569	33.9
1989	14,977	9,792	65.4	5,185	34.6
1990	16,286	10,643	65.4	5,643	34.6
1991	17,585	11,606	66.0	5,979	34.0
1992	18,818	12,516	66.5	6,302	33.5
1993	19,951	13,303	66.7	6,648	33.3
1994	21,030	13,989	66.5	7,042	33.5
1995	22,174	14,811	66.8	7,362	33.2
1996	23,049	15,481	67.2	7,568	32.8
1997	24,373	16,602	68.1	7,772	31.9
1998	25,859	19,051	73.7	6,808	26.3
1999	27,534	20,368	74.0	7,166	26.0
2000	30,073	22,456	74.7	7,617	25.3
2001	32,811	24,387	74.3	8,424	25.7
2002	36,394	27,312	75.0	9,082	25.0

TABLE 2. R&D expenditures at universities and colleges, by character of work: FY 1953–2006

(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2003	40,087	29,997	74.8	10,090	25.2
2004	43,242	31,947	73.9	11,295	26.1
2005	45,777	34,348	75.0	11,429	25.0
2006	47,760	36,044	75.5	11,717	24.5

na = not applicable; separate data for basic research and applied research and development were not collected for FY 1978.

^a FY 1978 data are estimated based on data collected from doctorate-granting institutions only.

NOTES: R&D expenditures by character of work are based on estimates of basic research provided by universities and colleges. Because of rounding, detail may not add to total. The character of work estimation procedure was revised for FY 1998 and later years; hence, these data are not directly comparable with data for FY 1997 and earlier years.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 3. Federally financed R&D expenditures at universities and colleges, by character of work: FY 1953–2006

(Dollars in millions)

Fiscal year	All federal R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
1953	138	na	na	na	na
1954	160	na	na	na	na
1955	169	na	na	na	na
1956	213	na	na	na	na
1957	229	na	na	na	na
1958	254	na	na	na	na
1959	306	na	na	na	na
1960	405	na	na	na	na
1961	500	na	na	na	na
1962	613	na	na	na	na
1963	760	na	na	na	na
1964	917	na	na	na	na
1965	1,073	na	na	na	na
1966	1,261	na	na	na	na
1967	1,409	na	na	na	na
1968	1,572	na	na	na	na
1969	1,600	na	na	na	na
1970	1,647	na	na	na	na
1971	1,724	na	na	na	na
1972	1,795	1,420	79.1	375	20.9
1973	1,985	1,454	73.2	531	26.8
1974	2,032	1,523	75.0	509	25.0
1975	2,288	1,695	74.1	593	25.9
1976	2,512	1,841	73.3	671	26.7
1977	2,726	2,007	73.6	719	26.4
1978 ^a	3,059	na	na	na	na
1979	3,598	2,577	71.6	1,022	28.4
1980	4,098	2,861	69.8	1,237	30.2
1981	4,571	3,260	71.3	1,311	28.7
1982	4,768	3,402	71.3	1,367	28.7
1983	4,989	3,547	71.1	1,442	28.9
1984	5,431	3,830	70.5	1,601	29.5
1985	6,064	4,343	71.6	1,722	28.4
1986	6,712	4,868	72.5	1,844	27.5
1987	7,343	5,375	73.2	1,968	26.8
1988	8,193	5,678	69.3	2,515	30.7
1989	8,991	6,195	68.9	2,796	31.1
1990	9,638	6,648	69.0	2,990	31.0
1991	10,234	7,127	69.6	3,107	30.4
1992	11,093	7,718	69.6	3,375	30.4
1993	11,957	8,398	70.2	3,559	29.8
1994	12,650	8,878	70.2	3,772	29.8
1995	13,333	9,399	70.5	3,934	29.5
1996	13,842	9,868	71.3	3,974	28.7
1997	14,316	10,315	72.1	4,001	27.9
1998	15,153	11,856	78.2	3,296	21.8
1999	16,103	12,659	78.6	3,445	21.4
2000	17,538	13,840	78.9	3,698	21.1
2001	19,233	15,041	78.2	4,193	21.8
2002	21,864	17,214	78.7	4,650	21.3

TABLE 3. Federally financed R&D expenditures at universities and colleges, by character of work: FY 1953–2006

(Dollars in millions)

Fiscal year	All federal R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2003	24,759	19,531	78.9	5,228	21.1
2004	27,631	21,352	77.3	6,279	22.7
2005	29,191	22,888	78.4	6,303	21.6
2006	30,033	23,644	78.7	6,389	21.3

na = not applicable; separate data for federally financed basic research and applied research and development were not collected for these years.

^a FY 1978 data are estimated based on data collected from doctorate-granting institutions only.

NOTES: R&D expenditures by character of work are based on estimates of basic research provided by universities and colleges. Because of rounding, detail may not add to total. The character of work estimation procedure was revised for FY 1998 and later years; hence, these data are not directly comparable with data for FY 1997 and earlier years.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 4. R&D expenditures at universities and colleges, by source of funds and science and engineering field: FY 1999–2006

(Dollars in thousands)

Source and field	1999	2000	2001	2002	2003	2004	2005	2006
All R&D expenditures	27,534,145	30,072,979	32,811,229	36,393,689	40,086,969	43,242,403	45,777,167	47,760,402
Source of funds								
Federal government	16,103,436	17,538,286	19,233,421	21,863,925	24,758,853	27,630,624	29,191,369	30,033,156
State and local government	2,021,776	2,200,144	2,320,591	2,505,859	2,646,393	2,878,883	2,942,006	3,016,240
Industry	2,032,871	2,155,924	2,218,566	2,191,084	2,161,753	2,129,322	2,293,591	2,427,627
Institutional funds	5,381,441	5,924,206	6,613,534	7,132,526	7,662,630	7,751,579	8,257,650	9,062,058
All other sources	1,994,621	2,254,419	2,425,117	2,700,295	2,857,340	2,851,995	3,092,551	3,221,321
Field								
Science	23,272,817	25,518,154	27,792,169	30,872,031	34,094,044	36,932,526	39,039,106	40,684,220
Computer sciences	861,098	876,437	956,112	1,125,444	1,304,986	1,404,026	1,405,543	1,437,605
Environmental sciences	1,691,884	1,765,429	1,828,793	2,017,209	2,194,173	2,352,979	2,550,740	2,601,993
Atmospheric sciences	287,860	287,842	301,416	340,945	395,804	414,223	456,804	506,840
Earth sciences	545,584	563,034	555,095	640,386	723,960	827,908	919,072	897,423
Oceanography	604,183	633,031	672,706	718,148	769,831	778,866	812,134	839,974
Environmental sciences, nec	254,257	281,522	299,576	317,730	304,578	331,982	362,730	357,756
Life sciences	15,631,607	17,470,776	19,229,416	21,438,602	23,756,641	25,948,068	27,603,777	28,831,208
Agricultural sciences	2,036,004	2,177,436	2,322,073	2,450,004	2,555,137	2,695,406	2,656,772	2,793,682
Biological sciences	5,040,525	5,620,723	5,956,554	6,602,499	7,384,153	8,151,658	8,843,171	9,044,278
Medical sciences	8,003,101	8,986,479	10,190,871	11,487,764	12,779,239	14,036,803	14,877,270	15,807,740
Life sciences, nec	551,977	686,138	759,918	898,335	1,038,112	1,064,201	1,226,564	1,185,508
Mathematical sciences	313,654	341,605	359,944	388,241	427,987	448,491	494,533	530,226
Physical sciences	2,606,147	2,712,768	2,805,375	3,016,667	3,276,180	3,546,496	3,704,277	3,823,362
Astronomy	384,573	385,611	378,236	402,359	392,073	420,322	454,299	469,905
Chemistry	919,661	962,001	1,008,241	1,128,859	1,225,607	1,317,727	1,365,306	1,424,307
Physics	1,149,412	1,207,601	1,240,756	1,286,886	1,418,394	1,522,128	1,604,450	1,608,120
Physical sciences, nec	152,501	157,555	178,142	198,563	240,106	286,319	280,222	321,030
Psychology	464,723	516,837	583,340	672,918	769,767	782,476	825,925	874,831
Social sciences	1,252,167	1,299,372	1,443,791	1,596,458	1,674,571	1,675,724	1,684,913	1,703,365
Economics	266,494	255,331	271,784	284,075	313,468	317,210	324,441	338,513
Political sciences	200,375	230,023	255,368	283,166	304,412	308,298	323,544	316,569
Sociology	271,513	301,169	328,286	375,299	368,078	355,131	370,356	399,528
Social sciences, nec	513,785	512,849	588,353	653,918	688,613	695,085	666,572	648,755
Sciences, nec	451,537	534,930	585,398	616,492	689,739	774,266	769,398	881,630
Engineering	4,261,328	4,554,825	5,019,060	5,521,658	5,992,925	6,309,877	6,738,061	7,076,182
Aeronautical/astronautical engineering	260,589	256,758	339,218	343,022	402,144	432,478	440,501	381,167
Bioengineering/biomedical engineering	136,564	173,710	212,574	281,853	313,503	370,222	419,921	476,420
Chemical engineering	349,020	375,708	414,477	430,785	453,323	492,824	505,875	547,426
Civil engineering	529,288	600,920	664,216	717,042	775,914	788,895	787,739	858,005
Electrical engineering	1,016,893	1,118,101	1,163,683	1,305,958	1,400,721	1,437,254	1,581,079	1,613,939
Mechanical engineering	625,342	632,530	686,913	779,946	820,827	875,084	935,813	1,047,881
Metallurgical/materials engineering	384,010	399,350	452,795	467,970	548,232	565,336	611,944	643,662
Engineering, nec	959,622	997,748	1,085,184	1,195,082	1,278,261	1,347,784	1,455,189	1,507,682

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 5. Federally financed R&D expenditures at universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All federal R&D expenditures	16,103,436	17,538,286	19,233,421	21,863,925	24,758,853	27,630,624	29,191,369	30,033,156
Science	13,656,341	14,959,153	16,382,251	18,633,843	21,149,034	23,727,663	25,066,748	25,797,221
Computer sciences	583,322	583,658	644,302	770,302	936,961	1,025,005	1,022,180	1,015,337
Environmental sciences	1,102,635	1,134,250	1,186,562	1,291,382	1,445,846	1,595,921	1,726,648	1,763,173
Atmospheric sciences	223,164	223,016	232,973	250,014	297,470	320,505	358,442	406,430
Earth sciences	321,267	331,686	329,248	370,213	439,884	536,831	615,817	590,869
Oceanography	405,334	422,521	449,180	485,767	537,255	546,998	545,581	558,271
Environmental sciences, nec	152,870	157,027	175,161	185,388	171,237	191,587	206,808	207,603
Life sciences	8,958,519	10,069,385	11,201,325	12,856,348	14,652,129	16,666,730	17,692,646	18,268,028
Agricultural sciences	545,755	578,787	616,649	689,286	764,247	866,954	844,412	881,306
Biological sciences	3,225,283	3,658,668	3,874,313	4,424,024	5,018,940	5,743,290	6,198,560	6,239,560
Medical sciences	4,866,049	5,441,889	6,259,547	7,206,607	8,242,475	9,388,983	9,896,179	10,434,463
Life sciences, nec	321,432	390,041	450,816	536,431	626,467	667,503	753,495	712,699
Mathematical sciences	210,224	230,025	242,199	268,533	294,721	317,869	346,287	372,621
Physical sciences	1,863,638	1,915,799	1,973,527	2,131,722	2,356,324	2,568,946	2,675,022	2,704,818
Astronomy	272,719	276,766	260,002	277,644	271,513	289,181	310,815	317,407
Chemistry	617,451	631,453	660,432	736,953	819,409	920,990	948,640	973,740
Physics	868,776	902,135	927,103	975,381	1,088,474	1,169,347	1,233,377	1,212,751
Physical sciences, nec	104,692	105,445	125,990	141,744	176,928	189,428	182,190	200,920
Psychology	309,820	350,820	398,967	476,026	553,646	586,789	610,846	628,606
Social sciences	472,147	490,895	548,094	618,016	668,450	696,954	697,768	711,092
Economics	90,162	89,185	89,775	99,787	106,433	109,045	108,955	118,792
Political sciences	54,101	62,906	73,754	79,964	97,222	112,763	112,806	107,003
Sociology	122,030	137,026	148,575	178,335	179,630	181,769	193,198	216,319
Social sciences, nec	205,854	201,778	235,990	259,930	285,165	293,377	282,809	268,978
Sciences, nec	156,036	184,321	187,275	221,514	240,957	269,449	295,351	333,546
Engineering	2,447,095	2,579,133	2,851,170	3,230,082	3,609,819	3,902,961	4,124,621	4,235,935
Aeronautical/astronautical engineering	183,517	181,615	254,907	247,320	305,862	329,970	330,460	281,869
Bioengineering/biomedical engineering	72,261	90,787	120,898	167,332	190,493	235,943	255,397	294,487
Chemical engineering	179,939	196,325	214,859	230,157	248,053	268,095	295,266	312,683
Civil engineering	217,064	236,989	264,683	300,371	326,587	347,625	337,401	331,116
Electrical engineering	651,186	701,022	726,415	819,661	925,175	970,374	1,046,417	1,073,337
Mechanical engineering	388,553	383,421	416,476	508,059	532,603	587,754	626,818	684,403
Metallurgical/materials engineering	218,231	226,743	240,875	262,898	313,752	352,022	369,155	387,408
Engineering, nec	536,344	562,231	612,057	694,284	767,294	811,178	863,707	870,632

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 6. Nonfederally financed R&D expenditures at universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All nonfederal R&D expenditures	11,430,709	12,534,693	13,577,808	14,529,764	15,328,116	15,611,779	16,585,798	17,727,246
Science	9,616,476	10,559,001	11,409,918	12,238,188	12,945,010	13,204,863	13,972,358	14,886,999
Computer sciences	277,776	292,779	311,810	355,142	368,025	379,021	383,363	422,268
Environmental sciences	589,249	631,179	642,231	725,827	748,327	757,058	824,092	838,820
Atmospheric sciences	64,696	64,826	68,443	90,931	98,334	93,718	98,362	100,410
Earth sciences	224,317	231,348	225,847	270,173	284,076	291,077	303,255	306,554
Oceanography	198,849	210,510	223,526	232,381	232,576	231,868	266,553	281,703
Environmental sciences, nec	101,387	124,495	124,415	132,342	133,341	140,395	155,922	150,153
Life sciences	6,673,088	7,401,391	8,028,091	8,582,254	9,104,512	9,281,338	9,911,131	10,563,180
Agricultural sciences	1,490,249	1,598,649	1,705,424	1,760,718	1,790,890	1,828,452	1,812,360	1,912,376
Biological sciences	1,815,242	1,962,055	2,082,241	2,178,475	2,365,213	2,408,368	2,644,611	2,804,718
Medical sciences	3,137,052	3,544,590	3,931,324	4,281,157	4,536,764	4,647,820	4,981,091	5,373,277
Life sciences, nec	230,545	296,097	309,102	361,904	411,645	396,698	473,069	472,809
Mathematical sciences	103,430	111,580	117,745	119,708	133,266	130,622	148,246	157,605
Physical sciences	742,509	796,969	831,848	884,945	919,856	977,550	1,029,255	1,118,544
Astronomy	111,854	108,845	118,234	124,715	120,560	131,141	143,484	152,498
Chemistry	302,210	330,548	347,809	391,906	406,198	396,737	416,666	450,567
Physics	280,636	305,466	313,653	311,505	329,920	352,781	371,073	395,369
Physical sciences, nec	47,809	52,110	52,152	56,819	63,178	96,891	98,032	120,110
Psychology	154,903	166,017	184,373	196,892	216,121	195,687	215,079	246,225
Social sciences	780,020	808,477	895,697	978,442	1,006,121	978,770	987,145	992,273
Economics	176,332	166,146	182,009	184,288	207,035	208,165	215,486	219,721
Political sciences	146,274	167,117	181,614	203,202	207,190	195,535	210,738	209,566
Sociology	149,483	164,143	179,711	196,964	188,448	173,362	177,158	183,209
Social sciences, nec	307,931	311,071	352,363	393,988	403,448	401,708	383,763	379,777
Sciences, nec	295,501	350,609	398,123	394,978	448,782	504,817	474,047	548,084
Engineering	1,814,233	1,975,692	2,167,890	2,291,576	2,383,106	2,406,916	2,613,440	2,840,247
Aeronautical/astronautical engineering	77,072	75,143	84,311	95,702	96,282	102,508	110,041	99,298
Bioengineering/biomedical engineering	64,303	82,923	91,676	114,521	123,010	134,279	164,524	181,933
Chemical engineering	169,081	179,383	199,618	200,628	205,270	224,729	210,609	234,743
Civil engineering	312,224	363,931	399,533	416,671	449,327	441,270	450,338	526,889
Electrical engineering	365,707	417,079	437,268	486,297	475,546	466,880	534,662	540,602
Mechanical engineering	236,789	249,109	270,437	271,887	288,224	287,330	308,995	363,478
Metallurgical/materials engineering	165,779	172,607	211,920	205,072	234,480	213,314	242,789	256,254
Engineering, nec	423,278	435,517	473,127	500,798	510,967	536,606	591,482	637,050

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 7. R&D expenditures at public universities and colleges, by source of funds and science and engineering field: FY 1999–2006

(Dollars in thousands)

Source and field	1999	2000	2001	2002	2003	2004	2005	2006
All R&D expenditures	18,660,323	20,514,012	22,417,125	24,886,371	27,353,432	29,288,163	30,854,157	32,356,705
Source of funds								
Federal government	9,716,252	10,654,671	11,726,674	13,404,241	15,305,715	16,950,698	17,903,254	18,464,218
State and local government	1,844,655	2,005,297	2,084,818	2,254,754	2,360,055	2,592,585	2,643,534	2,712,609
Industry	1,339,691	1,439,677	1,477,266	1,468,780	1,456,455	1,452,410	1,534,405	1,663,158
Institutional funds	4,544,787	4,988,276	5,598,833	6,017,513	6,392,758	6,432,094	6,831,230	7,435,788
All other sources	1,214,938	1,426,091	1,529,534	1,741,083	1,838,449	1,860,376	1,941,734	2,080,932
Field								
Science	15,613,138	17,219,410	18,777,306	20,907,653	23,084,067	24,806,059	26,104,822	27,316,079
Computer sciences	488,772	526,616	572,724	666,103	826,070	901,708	883,695	889,693
Environmental sciences	1,357,871	1,424,340	1,488,168	1,649,651	1,783,496	1,895,290	2,069,732	2,104,267
Atmospheric sciences	236,304	234,125	246,696	286,214	330,531	332,713	395,677	422,191
Earth sciences	421,695	447,657	443,737	518,888	593,231	682,933	761,074	741,596
Oceanography	512,844	543,480	581,219	609,742	651,581	651,134	672,151	707,595
Environmental sciences, nec	187,028	199,078	216,516	234,807	208,153	228,510	240,830	232,885
Life sciences	10,268,810	11,485,676	12,625,503	14,102,041	15,591,765	16,859,342	17,809,840	18,645,465
Agricultural sciences	1,979,582	2,116,069	2,248,748	2,372,260	2,472,495	2,609,518	2,566,853	2,699,407
Biological sciences	3,201,517	3,587,604	3,716,807	4,166,188	4,710,102	4,972,161	5,380,745	5,504,869
Medical sciences	4,767,248	5,351,857	6,154,635	6,954,785	7,693,465	8,527,229	9,014,855	9,564,070
Life sciences, nec	320,463	430,146	505,313	608,808	715,703	750,434	847,387	877,119
Mathematical sciences	195,130	215,046	234,451	259,269	288,423	294,649	326,223	351,825
Physical sciences	1,677,169	1,804,045	1,874,628	2,035,776	2,187,802	2,363,254	2,492,044	2,620,223
Astronomy	230,757	244,324	244,215	267,672	261,439	269,694	304,459	326,688
Chemistry	623,270	673,395	715,559	826,705	894,223	956,396	995,141	1,033,373
Physics	755,095	809,628	831,827	851,032	930,475	1,001,584	1,057,932	1,076,164
Physical sciences, nec	68,047	76,698	83,027	90,367	101,665	135,580	134,512	183,998
Psychology	344,681	381,684	434,064	498,072	568,102	566,881	608,451	652,127
Social sciences	971,958	1,000,621	1,131,062	1,254,046	1,338,625	1,334,139	1,333,703	1,356,279
Economics	217,319	205,923	228,992	239,690	269,427	269,873	277,081	288,929
Political sciences	122,315	139,237	153,792	156,540	184,197	179,089	194,941	201,100
Sociology	202,862	223,837	249,516	298,499	291,289	277,068	285,054	310,415
Social sciences, nec	429,462	431,624	498,762	559,317	593,712	608,109	576,627	555,835
Sciences, nec	308,747	381,382	416,706	442,695	499,784	590,796	581,134	696,200
Engineering	3,047,185	3,294,602	3,639,819	3,978,718	4,269,365	4,482,104	4,749,335	5,040,626
Aeronautical/astronautical engineering	188,634	179,401	244,850	240,039	283,281	309,557	289,392	256,769
Bioengineering/biomedical engineering	79,067	106,507	134,764	184,944	185,512	213,435	231,588	276,336
Chemical engineering	254,752	272,616	300,275	317,474	334,813	371,335	387,310	405,584
Civil engineering	447,680	509,532	562,993	604,857	654,681	665,476	672,686	744,398
Electrical engineering	712,893	785,200	815,696	922,090	990,016	1,022,729	1,134,274	1,150,285
Mechanical engineering	414,864	419,293	453,830	521,758	543,909	586,123	612,859	691,052
Metallurgical/materials engineering	277,709	296,003	345,897	351,944	408,525	411,324	437,622	466,480
Engineering, nec	671,586	726,050	781,514	835,612	868,628	902,125	983,604	1,049,722

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 8. Federally financed R&D expenditures at public universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All federal R&D expenditures	9,716,252	10,654,671	11,726,674	13,404,241	15,305,715	16,950,698	17,903,254	18,464,218
Science	8,193,979	9,020,997	9,896,180	11,350,630	13,028,879	14,492,351	15,321,640	15,805,187
Computer sciences	285,441	306,282	335,434	396,942	547,429	602,869	583,143	553,192
Environmental sciences	824,538	852,978	906,485	990,485	1,117,352	1,211,685	1,328,665	1,357,804
Atmospheric sciences	176,327	174,976	185,260	202,386	240,651	245,182	303,530	331,097
Earth sciences	221,713	242,144	243,352	275,677	338,329	418,042	486,568	464,552
Oceanography	324,574	341,318	365,872	390,100	436,318	436,829	427,080	450,476
Environmental sciences, nec	101,924	94,540	112,001	122,322	102,054	111,632	111,487	111,679
Life sciences	5,241,285	5,861,381	6,502,276	7,539,088	8,671,070	9,782,467	10,384,143	10,752,894
Agricultural sciences	528,466	560,303	594,064	665,711	736,290	836,071	811,085	843,602
Biological sciences	1,857,214	2,138,897	2,198,806	2,553,769	2,957,896	3,239,940	3,492,724	3,545,656
Medical sciences	2,699,819	2,957,029	3,449,475	4,002,511	4,599,279	5,293,858	5,625,839	5,888,674
Life sciences, nec	155,786	205,152	259,931	317,097	377,605	412,598	454,495	474,962
Mathematical sciences	109,975	123,752	135,288	158,689	177,211	186,489	204,613	222,582
Physical sciences	1,056,903	1,138,514	1,182,757	1,303,548	1,431,067	1,561,461	1,650,321	1,691,465
Astronomy	128,862	144,690	138,807	155,902	155,418	158,603	179,654	190,868
Chemistry	382,771	411,309	439,201	509,855	567,755	637,649	662,973	671,832
Physics	512,840	547,503	559,801	590,930	652,752	706,420	753,870	745,924
Physical sciences, nec	32,430	35,012	44,948	46,861	55,142	58,789	53,824	82,841
Psychology	219,864	248,366	282,652	338,788	394,154	413,755	434,332	449,172
Social sciences	355,445	366,017	413,964	475,658	527,928	545,293	539,600	551,147
Economics	68,404	68,565	71,322	81,595	85,944	86,128	88,136	95,108
Political sciences	29,585	31,149	38,450	38,939	59,095	65,557	64,249	64,222
Sociology	84,473	97,361	110,328	138,276	137,834	136,061	142,676	165,501
Social sciences, nec	172,983	168,942	193,864	216,848	245,055	257,547	244,539	226,316
Sciences, nec	100,528	123,707	137,324	147,432	162,668	188,332	196,823	226,931
Engineering	1,522,273	1,633,674	1,830,494	2,053,611	2,276,836	2,458,347	2,581,614	2,659,031
Aeronautical/astronautical engineering	121,651	116,136	175,918	159,111	206,959	224,872	193,533	178,294
Bioengineering/biomedical engineering	29,590	41,335	63,826	96,984	93,090	118,821	120,159	147,100
Chemical engineering	119,598	130,777	141,520	152,033	167,626	182,600	213,111	215,635
Civil engineering	168,424	180,910	204,703	228,448	249,634	266,901	266,266	263,756
Electrical engineering	416,135	452,438	463,146	525,071	595,903	632,606	687,727	704,000
Mechanical engineering	223,369	218,523	240,245	306,792	318,507	354,561	366,706	392,367
Metallurgical/materials engineering	141,003	152,143	169,057	179,770	212,375	238,118	244,961	261,552
Engineering, nec	302,503	341,412	372,079	405,402	432,742	439,868	489,151	496,327

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 9. Nonfederally financed R&D expenditures at public universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All nonfederal R&D expenditures	8,944,071	9,859,341	10,690,451	11,482,130	12,047,717	12,337,465	12,950,903	13,892,487
Science	7,419,159	8,198,413	8,881,126	9,557,023	10,055,188	10,313,708	10,783,182	11,510,892
Computer sciences	203,331	220,334	237,290	269,161	278,641	298,839	300,552	336,501
Environmental sciences	533,333	571,362	581,683	659,166	666,144	683,605	741,067	746,463
Atmospheric sciences	59,977	59,149	61,436	83,828	89,880	87,531	92,147	91,094
Earth sciences	199,982	205,513	200,385	243,211	254,902	264,891	274,506	277,044
Oceanography	188,270	202,162	215,347	219,642	215,263	214,305	245,071	257,119
Environmental sciences, nec	85,104	104,538	104,515	112,485	106,099	116,878	129,343	121,206
Life sciences	5,027,525	5,624,295	6,123,227	6,562,953	6,920,695	7,076,875	7,425,697	7,892,571
Agricultural sciences	1,451,116	1,555,766	1,654,684	1,706,549	1,736,205	1,773,447	1,755,768	1,855,805
Biological sciences	1,344,303	1,448,707	1,518,001	1,612,419	1,752,206	1,732,221	1,888,021	1,959,213
Medical sciences	2,067,429	2,394,828	2,705,160	2,952,274	3,094,186	3,233,371	3,389,016	3,675,396
Life sciences, nec	164,677	224,994	245,382	291,711	338,098	337,836	392,892	402,157
Mathematical sciences	85,155	91,294	99,163	100,580	111,212	108,160	121,610	129,243
Physical sciences	620,266	665,531	691,871	732,228	756,735	801,793	841,723	928,758
Astronomy	101,895	99,634	105,408	111,770	106,021	111,091	124,805	135,820
Chemistry	240,499	262,086	276,358	316,850	326,468	318,747	332,168	361,541
Physics	242,255	262,125	272,026	260,102	277,723	295,164	304,062	330,240
Physical sciences, nec	35,617	41,686	38,079	43,506	46,523	76,791	80,688	101,157
Psychology	124,817	133,318	151,412	159,284	173,948	153,126	174,119	202,955
Social sciences	616,513	634,604	717,098	778,388	810,697	788,846	794,103	805,132
Economics	148,915	137,358	157,670	158,095	183,483	183,745	188,945	193,821
Political sciences	92,730	108,088	115,342	117,601	125,102	113,532	130,692	136,878
Sociology	118,389	126,476	139,188	160,223	153,455	141,007	142,378	144,914
Social sciences, nec	256,479	262,682	304,898	342,469	348,657	350,562	332,088	329,519
Sciences, nec	208,219	257,675	279,382	295,263	337,116	402,464	384,311	469,269
Engineering	1,524,912	1,660,928	1,809,325	1,925,107	1,992,529	2,023,757	2,167,721	2,381,595
Aeronautical/astronautical engineering	66,983	63,265	68,932	80,928	76,322	84,685	95,859	78,475
Bioengineering/biomedical engineering	49,477	65,172	70,938	87,960	92,422	94,614	111,429	129,236
Chemical engineering	135,154	141,839	158,755	165,441	167,187	188,735	174,199	189,949
Civil engineering	279,256	328,622	358,290	376,409	405,047	398,575	406,420	480,642
Electrical engineering	296,758	332,762	352,550	397,019	394,113	390,123	446,547	446,285
Mechanical engineering	191,495	200,770	213,585	214,966	225,402	231,562	246,153	298,685
Metallurgical/materials engineering	136,706	143,860	176,840	172,174	196,150	173,206	192,661	204,928
Engineering, nec	369,083	384,638	409,435	430,210	435,886	462,257	494,453	553,395

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 10. R&D expenditures at private universities and colleges, by source of funds and science and engineering field: FY 1999–2006

(Dollars in thousands)

Source and field	1999	2000	2001	2002	2003	2004	2005	2006
All R&D expenditures	8,873,822	9,558,967	10,394,104	11,507,318	12,733,537	13,954,240	14,923,010	15,403,697
Source of funds								
Federal government	6,387,184	6,883,615	7,506,747	8,459,684	9,453,138	10,679,926	11,288,115	11,568,938
State and local government	177,121	194,847	235,773	251,105	286,338	286,298	298,472	303,631
Industry	693,180	716,247	741,300	722,304	705,298	676,912	759,186	764,469
Institutional funds	836,654	935,930	1,014,701	1,115,013	1,269,872	1,319,485	1,426,420	1,626,270
All other sources	779,683	828,328	895,583	959,212	1,018,891	991,619	1,150,817	1,140,389
Field								
Science	7,659,679	8,298,744	9,014,863	9,964,378	11,009,977	12,126,467	12,934,284	13,368,141
Computer sciences	372,326	349,821	383,388	459,341	478,916	502,318	521,848	547,912
Environmental sciences	334,013	341,089	340,625	367,558	410,677	457,689	481,008	497,726
Atmospheric sciences	51,556	53,717	54,720	54,731	65,273	81,510	61,127	84,649
Earth sciences	123,889	115,377	111,358	121,498	130,729	144,975	157,998	155,827
Oceanography	91,339	89,551	91,487	108,406	118,250	127,732	139,983	132,379
Environmental sciences, nec	67,229	82,444	83,060	82,923	96,425	103,472	121,900	124,871
Life sciences	5,362,797	5,985,100	6,603,913	7,336,561	8,164,876	9,088,726	9,793,937	10,185,743
Agricultural sciences	56,422	61,367	73,325	77,744	82,642	85,888	89,919	94,275
Biological sciences	1,839,008	2,033,119	2,239,747	2,436,311	2,674,051	3,179,497	3,462,426	3,539,409
Medical sciences	3,235,853	3,634,622	4,036,236	4,532,979	5,085,774	5,509,574	5,862,415	6,243,670
Life sciences, nec	231,514	255,992	254,605	289,527	322,409	313,767	379,177	308,389
Mathematical sciences	118,524	126,559	125,493	128,972	139,564	153,842	168,310	178,401
Physical sciences	928,978	908,723	930,747	980,891	1,088,378	1,183,242	1,212,233	1,203,139
Astronomy	153,816	141,287	134,021	134,687	130,634	150,628	149,840	143,217
Chemistry	296,391	288,606	292,682	302,154	331,384	361,331	370,165	390,934
Physics	394,317	397,973	408,929	435,854	487,919	520,544	546,518	531,956
Physical sciences, nec	84,454	80,857	95,115	108,196	138,441	150,739	145,710	137,032
Psychology	120,042	135,153	149,276	174,846	201,665	215,595	217,474	222,704
Social sciences	280,209	298,751	312,729	342,412	335,946	341,585	351,210	347,086
Economics	49,175	49,408	42,792	44,385	44,041	47,337	47,360	49,584
Political sciences	78,060	90,786	101,576	126,626	120,215	129,209	128,603	115,469
Sociology	68,651	77,332	78,770	76,800	76,789	78,063	85,302	89,113
Social sciences, nec	84,323	81,225	89,591	94,601	94,901	86,976	89,945	92,920
Sciences, nec	142,790	153,548	168,692	173,797	189,955	183,470	188,264	185,430
Engineering	1,214,143	1,260,223	1,379,241	1,542,940	1,723,560	1,827,773	1,988,726	2,035,556
Aeronautical/astronautical engineering	71,955	77,357	94,368	102,983	118,863	122,921	151,109	124,398
Bioengineering/biomedical engineering	57,497	67,203	77,810	96,909	127,991	156,787	188,333	200,084
Chemical engineering	94,268	103,092	114,202	113,311	118,510	121,489	118,565	141,842
Civil engineering	81,608	91,388	101,223	112,185	121,233	123,419	115,053	113,607
Electrical engineering	304,000	332,901	347,987	383,868	410,705	414,525	446,805	463,654
Mechanical engineering	210,478	213,237	233,083	258,188	276,918	288,961	322,954	356,829
Metallurgical/materials engineering	106,301	103,347	106,898	116,026	139,707	154,012	174,322	177,182
Engineering, nec	288,036	271,698	303,670	359,470	409,633	445,659	471,585	457,960

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 11. Federally financed R&D expenditures at private universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All federal R&D expenditures	6,387,184	6,883,615	7,506,747	8,459,684	9,453,138	10,679,926	11,288,115	11,568,938
Science	5,462,362	5,938,156	6,486,071	7,283,213	8,120,155	9,235,312	9,745,108	9,992,034
Computer sciences	297,881	277,376	308,868	373,360	389,532	422,136	439,037	462,145
Environmental sciences	278,097	281,272	280,077	300,897	328,494	384,236	397,983	405,369
Atmospheric sciences	46,837	48,040	47,713	47,628	56,819	75,323	54,912	75,333
Earth sciences	99,554	89,542	85,896	94,536	101,555	118,789	129,249	126,317
Oceanography	80,760	81,203	83,308	95,667	100,937	110,169	118,501	107,795
Environmental sciences, nec	50,946	62,487	63,160	63,066	69,183	79,955	95,321	95,924
Life sciences	3,717,234	4,208,004	4,699,049	5,317,260	5,981,059	6,884,263	7,308,503	7,515,134
Agricultural sciences	17,289	18,484	22,585	23,575	27,957	30,883	33,327	37,704
Biological sciences	1,368,069	1,519,771	1,675,507	1,870,255	2,061,044	2,503,350	2,705,836	2,693,904
Medical sciences	2,166,230	2,484,860	2,810,072	3,204,096	3,643,196	4,095,125	4,270,340	4,545,789
Life sciences, nec	165,646	184,889	190,885	219,334	248,862	254,905	299,000	237,737
Mathematical sciences	100,249	106,273	106,911	109,844	117,510	131,380	141,674	150,039
Physical sciences	806,735	777,285	790,770	828,174	925,257	1,007,485	1,024,701	1,013,353
Astronomy	143,857	132,076	121,195	121,742	116,095	130,578	131,161	126,539
Chemistry	234,680	220,144	221,231	227,098	251,654	283,341	285,667	301,908
Physics	355,936	354,632	367,302	384,451	435,722	462,927	479,507	466,827
Physical sciences, nec	72,262	70,433	81,042	94,883	121,786	130,639	128,366	118,079
Psychology	89,956	102,454	116,315	137,238	159,492	173,034	176,514	179,434
Social sciences	116,702	124,878	134,130	142,358	140,522	151,661	158,168	159,945
Economics	21,758	20,620	18,453	18,192	20,489	22,917	20,819	23,684
Political sciences	24,516	31,757	35,304	41,025	38,127	47,206	48,557	42,781
Sociology	37,557	39,665	38,247	40,059	41,796	45,708	50,522	50,818
Social sciences, nec	32,871	32,836	42,126	43,082	40,110	35,830	38,270	42,662
Sciences, nec	55,508	60,614	49,951	74,082	78,289	81,117	98,528	106,615
Engineering	924,822	945,459	1,020,676	1,176,471	1,332,983	1,444,614	1,543,007	1,576,904
Aeronautical/astronautical engineering	61,866	65,479	78,989	88,209	98,903	105,098	136,927	103,575
Bioengineering/biomedical engineering	42,671	49,452	57,072	70,348	97,403	117,122	135,238	147,387
Chemical engineering	60,341	65,548	73,339	78,124	80,427	85,495	82,155	97,048
Civil engineering	48,640	56,079	59,980	71,923	76,953	80,724	71,135	67,360
Electrical engineering	235,051	248,584	263,269	294,590	329,272	337,768	358,690	369,337
Mechanical engineering	165,184	164,898	176,231	201,267	214,096	233,193	260,112	292,036
Metallurgical/materials engineering	77,228	74,600	71,818	83,128	101,377	113,904	124,194	125,856
Engineering, nec	233,841	220,819	239,978	288,882	334,552	371,310	374,556	374,305

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 12. Nonfederally financed R&D expenditures at private universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All nonfederal R&D expenditures	2,486,638	2,675,352	2,887,357	3,047,634	3,280,399	3,274,314	3,634,895	3,834,759
Science	2,197,317	2,360,588	2,528,792	2,681,165	2,889,822	2,891,155	3,189,176	3,376,107
Computer sciences	74,445	72,445	74,520	85,981	89,384	80,182	82,811	85,767
Environmental sciences	55,916	59,817	60,548	66,661	82,183	73,453	83,025	92,357
Atmospheric sciences	4,719	5,677	7,007	7,103	8,454	6,187	6,215	9,316
Earth sciences	24,335	25,835	25,462	26,962	29,174	26,186	28,749	29,510
Oceanography	10,579	8,348	8,179	12,739	17,313	17,563	21,482	24,584
Environmental sciences, nec	16,283	19,957	19,900	19,857	27,242	23,517	26,579	28,947
Life sciences	1,645,563	1,777,096	1,904,864	2,019,301	2,183,817	2,204,463	2,485,434	2,670,609
Agricultural sciences	39,133	42,883	50,740	54,169	54,685	55,005	56,592	56,571
Biological sciences	470,939	513,348	564,240	566,056	613,007	676,147	756,590	845,505
Medical sciences	1,069,623	1,149,762	1,226,164	1,328,883	1,442,578	1,414,449	1,592,075	1,697,881
Life sciences, nec	65,868	71,103	63,720	70,193	73,547	58,862	80,177	70,652
Mathematical sciences	18,275	20,286	18,582	19,128	22,054	22,462	26,636	28,362
Physical sciences	122,243	131,438	139,977	152,717	163,121	175,757	187,532	189,786
Astronomy	9,959	9,211	12,826	12,945	14,539	20,050	18,679	16,678
Chemistry	61,711	68,462	71,451	75,056	79,730	77,990	84,498	89,026
Physics	38,381	43,341	41,627	51,403	52,197	57,617	67,011	65,129
Physical sciences, nec	12,192	10,424	14,073	13,313	16,655	20,100	17,344	18,953
Psychology	30,086	32,699	32,961	37,608	42,173	42,561	40,960	43,270
Social sciences	163,507	173,873	178,599	200,054	195,424	189,924	193,042	187,141
Economics	27,417	28,788	24,339	26,193	23,552	24,420	26,541	25,900
Political sciences	53,544	59,029	66,272	85,601	82,088	82,003	80,046	72,688
Sociology	31,094	37,667	40,523	36,741	34,993	32,355	34,780	38,295
Social sciences, nec	51,452	48,389	47,465	51,519	54,791	51,146	51,675	50,258
Sciences, nec	87,282	92,934	118,741	99,715	111,666	102,353	89,736	78,815
Engineering	289,321	314,764	358,565	366,469	390,577	383,159	445,719	458,652
Aeronautical/astronautical engineering	10,089	11,878	15,379	14,774	19,960	17,823	14,182	20,823
Bioengineering/biomedical engineering	14,826	17,751	20,738	26,561	30,588	39,665	53,095	52,697
Chemical engineering	33,927	37,544	40,863	35,187	38,083	35,994	36,410	44,794
Civil engineering	32,968	35,309	41,243	40,262	44,280	42,695	43,918	46,247
Electrical engineering	68,949	84,317	84,718	89,278	81,433	76,757	88,115	94,317
Mechanical engineering	45,294	48,339	56,852	56,921	62,822	55,768	62,842	64,793
Metallurgical/materials engineering	29,073	28,747	35,080	32,898	38,330	40,108	50,128	51,326
Engineering, nec	54,195	50,879	63,692	70,588	75,081	74,349	97,029	83,655

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 13. R&D expenditures at historically black colleges and universities, by source of funds and science and engineering field: FY 1999–2006

(Dollars in thousands)

Source and field	1999	2000	2001	2002	2003	2004	2005	2006
All R&D expenditures	254,918	264,440	317,592	365,963	397,012	421,604	437,434	438,668
Source of funds								
Federal government	216,643	228,615	272,498	312,296	343,271	359,845	375,026	368,198
State and local government	6,877	10,738	11,736	17,916	17,958	21,305	19,335	21,475
Industry	5,388	6,073	6,938	9,679	9,299	15,617	9,648	11,488
Institutional funds	14,644	13,826	19,762	21,458	21,236	19,166	26,253	29,366
All other sources	11,366	5,188	6,658	4,614	5,248	5,671	7,172	8,141
Field								
Science	223,053	235,117	284,210	333,467	365,179	383,304	362,316	392,391
Computer sciences	15,916	14,554	19,968	13,381	12,625	11,280	12,138	9,425
Environmental sciences	11,327	11,218	13,336	11,898	23,741	37,890	16,948	34,983
Atmospheric sciences	1,871	4,031	1,718	3,110	10,495	24,431	580	17,248
Earth sciences	2,443	2,850	5,998	5,405	5,554	4,483	5,945	5,986
Oceanography	447	939	1,528	2,049	3,846	1,389	1,228	1,479
Environmental sciences, nec	6,566	3,398	4,092	1,334	3,846	7,587	9,195	10,270
Life sciences	124,574	139,775	167,393	205,012	236,762	244,402	241,250	244,528
Agricultural sciences	48,706	51,993	62,815	79,268	96,463	74,518	79,370	85,265
Biological sciences	45,581	48,761	63,524	74,936	79,705	84,678	87,187	87,023
Medical sciences	25,449	30,595	34,975	45,804	45,705	67,888	62,606	62,196
Life sciences, nec	4,838	8,426	6,079	5,004	14,889	17,318	12,087	10,044
Mathematical sciences	5,054	5,667	6,377	7,604	11,433	6,858	8,863	7,150
Physical sciences	48,920	40,714	44,715	46,995	45,704	43,349	43,643	49,713
Astronomy	4,567	4,304	2,399	2,149	2,793	2,174	1,718	1,845
Chemistry	22,985	14,157	14,510	16,106	17,207	17,659	17,435	19,637
Physics	20,800	22,191	26,759	25,072	23,960	22,211	23,584	27,075
Physical sciences, nec	568	62	1,047	3,668	1,744	1,305	906	1,156
Psychology	2,275	1,688	4,839	5,662	4,916	5,102	3,758	2,802
Social sciences	8,347	11,135	13,369	11,679	12,204	13,150	16,278	18,926
Economics	1,344	1,431	2,132	2,074	2,144	1,951	1,481	2,016
Political sciences	299	749	573	417	503	316	245	130
Sociology	2,877	4,253	4,128	4,191	3,878	3,640	4,826	7,033
Social sciences, nec	3,827	4,702	6,536	4,997	5,679	7,243	9,726	9,747
Sciences, nec	6,640	10,366	14,213	31,236	17,794	21,273	19,438	24,864
Engineering	31,865	29,323	33,382	32,496	31,833	38,300	75,118	46,277
Aeronautical/astronautical engineering	3,923	3,607	3,623	2,454	3,089	4,353	37,034	1,754
Bioengineering/biomedical engineering	56	882	918	144	110	144	80	81
Chemical engineering	2,637	2,965	3,292	2,824	2,896	2,883	5,783	6,880
Civil engineering	3,840	3,228	3,956	4,993	4,413	3,739	5,335	6,879
Electrical engineering	6,497	6,067	7,625	9,192	8,272	8,419	8,785	8,482
Mechanical engineering	8,186	6,705	7,264	6,843	6,010	8,738	6,529	5,855
Metallurgical/materials engineering	379	167	0	25	0	0	79	242
Engineering, nec	6,347	5,702	6,704	6,021	7,043	10,024	11,493	16,104

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 14. Federally financed R&D expenditures at historically black colleges and universities, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All federal R&D expenditures	216,643	228,615	272,498	312,296	343,271	359,845	375,026	368,198
Science	189,030	203,203	244,011	284,260	317,276	327,400	305,292	328,153
Computer sciences	13,780	12,795	18,590	12,145	12,078	10,825	11,026	8,010
Environmental sciences	8,182	9,310	10,826	9,532	21,130	36,823	15,412	32,991
Atmospheric sciences	1,818	3,991	1,541	2,872	10,357	24,335	395	17,052
Earth sciences	1,042	1,798	3,909	3,844	3,753	4,067	5,103	4,955
Oceanography	383	823	1,381	1,875	3,611	1,389	1,226	1,477
Environmental sciences, nec	4,939	2,698	3,995	941	3,409	7,032	8,688	9,507
Life sciences	109,349	122,299	145,378	179,741	207,991	205,425	201,969	201,782
Agricultural sciences	40,446	43,682	48,884	64,176	80,533	55,076	55,499	58,325
Biological sciences	42,388	45,332	59,798	72,532	75,554	80,562	82,409	81,371
Medical sciences	22,886	26,841	31,590	39,655	42,315	55,505	54,277	52,459
Life sciences, nec	3,629	6,444	5,106	3,378	9,589	14,282	9,784	9,627
Mathematical sciences	2,747	4,364	4,220	4,991	7,572	6,494	8,115	6,545
Physical sciences	43,851	36,454	40,416	41,538	40,640	38,744	37,981	44,231
Astronomy	4,209	3,873	1,938	1,683	2,145	1,683	1,145	1,230
Chemistry	21,215	12,990	13,522	14,262	16,036	16,803	16,388	17,989
Physics	17,920	19,585	24,047	22,098	21,132	19,096	19,650	23,874
Physical sciences, nec	507	6	909	3,495	1,327	1,162	798	1,138
Psychology	1,777	1,324	4,526	5,376	4,700	4,946	3,570	2,537
Social sciences	5,270	8,239	10,156	8,935	8,850	10,966	14,240	16,911
Economics	1,171	1,118	1,926	1,693	1,832	1,646	1,365	1,951
Political sciences	134	540	463	261	414	249	245	127
Sociology	1,490	3,374	3,521	3,406	3,070	3,081	4,169	6,759
Social sciences, nec	2,475	3,207	4,246	3,575	3,534	5,990	8,461	8,074
Sciences, nec	4,074	8,418	9,899	22,002	14,315	13,177	12,979	15,146
Engineering	27,613	25,412	28,487	28,036	25,995	32,445	69,734	40,045
Aeronautical/astronautical engineering	3,619	3,530	3,549	2,233	2,834	3,649	36,844	1,726
Bioengineering/biomedical engineering	56	567	469	136	110	144	80	71
Chemical engineering	2,166	2,752	3,090	2,452	2,505	2,547	5,410	6,322
Civil engineering	2,844	2,246	2,679	4,037	3,613	2,681	4,170	5,221
Electrical engineering	5,553	5,290	6,817	8,152	6,877	7,278	7,767	7,470
Mechanical engineering	7,423	6,189	6,679	5,808	4,650	7,329	5,329	4,650
Metallurgical/materials engineering	302	162	0	25	0	0	79	212
Engineering, nec	5,650	4,676	5,204	5,193	5,406	8,817	10,055	14,373

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 15. Nonfederally financed R&D expenditures at historically black colleges and universities, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All nonfederal R&D expenditures	38,275	35,825	45,094	53,667	53,741	61,759	62,408	70,470
Science	34,023	31,914	40,199	49,207	47,903	55,904	57,024	64,238
Computer sciences	2,136	1,759	1,378	1,236	547	455	1,112	1,415
Environmental sciences	3,145	1,908	2,510	2,366	2,611	1,067	1,536	1,992
Atmospheric sciences	53	40	177	238	138	96	185	196
Earth sciences	1,401	1,052	2,089	1,561	1,801	416	842	1,031
Oceanography	64	116	147	174	235	0	2	2
Environmental sciences, nec	1,627	700	97	393	437	555	507	763
Life sciences	15,225	17,476	22,015	25,271	28,771	38,977	39,281	42,746
Agricultural sciences	8,260	8,311	13,931	15,092	15,930	19,442	23,871	26,940
Biological sciences	3,193	3,429	3,726	2,404	4,151	4,116	4,778	5,652
Medical sciences	2,563	3,754	3,385	6,149	3,390	12,383	8,329	9,737
Life sciences, nec	1,209	1,982	973	1,626	5,300	3,036	2,303	417
Mathematical sciences	2,307	1,303	2,157	2,613	3,861	364	748	605
Physical sciences	5,069	4,260	4,299	5,457	5,064	4,605	5,662	5,482
Astronomy	358	431	461	466	648	491	573	615
Chemistry	1,770	1,167	988	1,844	1,171	856	1,047	1,648
Physics	2,880	2,606	2,712	2,974	2,828	3,115	3,934	3,201
Physical sciences, nec	61	56	138	173	417	143	108	18
Psychology	498	364	313	286	216	156	188	265
Social sciences	3,077	2,896	3,213	2,744	3,354	2,184	2,038	2,015
Economics	173	313	206	381	312	305	116	65
Political sciences	165	209	110	156	89	67	0	3
Sociology	1,387	879	607	785	808	559	657	274
Social sciences, nec	1,352	1,495	2,290	1,422	2,145	1,253	1,265	1,673
Sciences, nec	2,566	1,948	4,314	9,234	3,479	8,096	6,459	9,718
Engineering	4,252	3,911	4,895	4,460	5,838	5,855	5,384	6,232
Aeronautical/astronautical engineering	304	77	74	221	255	704	190	28
Bioengineering/biomedical engineering	0	315	449	8	0	0	0	10
Chemical engineering	471	213	202	372	391	336	373	558
Civil engineering	996	982	1,277	956	800	1,058	1,165	1,658
Electrical engineering	944	777	808	1,040	1,395	1,141	1,018	1,012
Mechanical engineering	763	516	585	1,035	1,360	1,409	1,200	1,205
Metallurgical/materials engineering	77	5	0	0	0	0	0	30
Engineering, nec	697	1,026	1,500	828	1,637	1,207	1,438	1,731

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 16. Total and federally financed R&D expenditures at historically black colleges and universities, ranked by FY 2006 total: FY 2003–06
(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	397,012	421,604	437,434	438,668	343,271	359,845	375,026	368,198
1	Jackson State U.	28,843	31,641	35,876	38,273	25,607	28,806	30,472	30,783
2	Howard U.	37,577	41,404	41,609	36,465	36,137	40,086	40,020	34,959
3	FL A&M U.	23,503	31,408	26,400	34,293	18,273	24,994	22,378	24,902
4	Meharry Medical C.	25,427	27,507	29,105	32,878	24,195	26,159	27,408	30,914
5	Hampton U.	18,673	31,645	42,969	28,705	18,417	31,443	42,792	28,584
6	Morehouse School of Medicine	27,154	33,317	30,652	28,378	24,382	23,331	24,213	25,156
7	NC Agricultural and Technical State U.	17,304	19,534	22,936	23,698	12,226	13,487	16,348	15,885
8	U. of the VI	15,762	17,874	16,735	17,495	10,772	11,598	12,213	12,518
9	AL A&M U.	36,856	17,429	16,075	14,431	30,343	12,023	12,005	7,537
10	TN State U.	14,306	15,255	14,669	14,096	10,280	11,277	10,446	10,216
11	Morgan State U.	7,493	8,580	9,544	13,523	6,232	7,227	8,126	12,199
12	Tuskegee U.	10,067	11,519	10,966	11,651	7,660	8,904	8,478	8,971
13	Prairie View A&M U.	11,193	10,989	11,810	11,444	7,886	7,965	8,464	9,067
14	Clark Atlanta U.	12,760	13,576	12,790	11,155	12,367	13,075	11,346	10,008
15	VA State U.	7,209	5,953	5,048	8,189	6,964	5,655	2,668	5,813
16	DE State U.	3,944	4,678 i	5,412	7,016	3,636	4,342 i	5,048	6,506
17	U. AR Pine Bluff	6,543	6,246	6,685	6,774	3,470	3,455	3,933	3,777
18	NC Central U.	4,121 i	4,945 i	5,769 i	6,597	4,101 i	4,932 i	5,763 i	6,597
19	Alcorn State U.	7,619	7,622	6,256	6,593	7,582	7,622	5,396	5,706
20	Morehouse C.	3,276 i	3,417 i	3,559	6,008	2,653 i	2,923 i	3,196	5,378
21	Fisk U.	3,000	5,000	6,000	6,000	3,000	5,000	6,000	6,000
22	Lincoln U. (Jefferson City, MO)	2,601	2,181	2,656	5,395	2,149	1,552	2,093	4,367
23	Norfolk State U.	4,532	6,200	6,758	5,144	4,404	6,054	6,055	4,621
24	U. DC	4,125	4,693	4,426	5,065	2,769	3,492	2,958	3,813
25	U. MD Eastern Shore	5,124	5,272	5,568	4,454	4,862	5,041	5,432	4,367
26	Langston U.	4,332	3,578	4,371	4,416	4,332	3,578	3,848	3,661
27	Southern U. and A&M C. all campuses	5,314 i	4,317	4,333 i	4,350	4,291 i	3,581	3,539 i	3,496
28	TX Southern U.	3,088	4,088	4,641	4,299	2,925	3,749	4,426	4,225
29	Xavier U. LA	5,515	5,585	4,784 i	3,982	5,036	5,226	4,505 i	3,783
30	SC State U.	3,225	3,548	3,796	3,796	2,198	2,418	2,587	2,587
31	KY State U.	6,395	3,298	3,044	3,340	6,395	3,298	3,044	3,254
32	Spelman C.	2,298	2,481	2,759	3,084	2,186	2,419	2,576	2,901
33	Ft. Valley State U.	2,892	2,596	2,497	2,570	2,798	2,558	2,492	2,570
34	WV State U.	975 i	1,433	2,537	2,467	934 i	1,403	2,128	1,867
35	Savannah State U.	2,150 i	2,094	2,421	2,342	2,150 i	2,094	2,421	2,342
36	Central State U.	1,169 i	1,372 i	1,579	2,320	1,060 i	1,319 i	1,579	2,263
37	Bowie State U.	2,206	1,883	2,033	1,951	2,206	1,883	2,033	1,951
38	AL State U.	1,633	1,688	1,900	1,900	1,449	1,683	1,685	1,685
39	Winston-Salem State U.	2,022 e	2,073 e	2,176 i	1,864 i	2,022 e	2,073 e	2,176 i	1,864 i
40	Shaw U.	1,261	1,270	1,864	1,815	1,033	1,033	1,727	1,800
41	Albany State U.	2,178	2,619	2,091	1,455	2,056	2,547	2,010	1,119
42	Benedict C.	1,071	1,035	1,494	1,314	1,002	1,020	1,399	1,201
43	Claffin U.	293	255	222	930	293	255	222	930
44	Jarvis Christian C.	335	247	ne	806	100	232	ne	553
45	MS Valley State U.	636	493	606	794	636	493	606	794
46	Elizabeth City State U.	1,103	1,044	929	703	1,103	1,032	888	590
47	Fayetteville State U.	586	166	821	632	546	161	711	554
48	Lincoln U. (Lincoln University, PA)	704	526	526	606	704	526	526	606

TABLE 16. Total and federally financed R&D expenditures at historically black colleges and universities, ranked by FY 2006 total: FY 2003–06
(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
49	Southern U. New Orleans	587	556	592	592	552	556	592	592
50	Grambling State U.	2,218	1,934	1,784	567	1,880	1,522	1,461	566
51	Oakwood C.	479 i	501 i	528 i	557 i	368 i	393 i	405 i	449 i
52	Tougaloo C.	789 i	680 i	571 i	461	417 i	422 i	427 i	434
53	Bluefield State C.	54	156	359	356	36	156	359	356
54	Cheyney U. PA	209 i	228 i	247 i	278	209 i	228 i	247 i	278
55	Johnson C. Smith U.	0	ne	166 i	251	0	ne	166 i	251
56	Le Moyne-Owen C.	0 i	ne	ne	150 i	0 i	ne	ne	32 i
	All other sampled HBCUs	2,283	1,975	1,490	0	1,987	1,544	990	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i= data point imputed; ne = not eligible; institution did not meet the criteria for inclusion.

HBCU = historically black college and university.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 17. R&D expenditures at universities and colleges, by geographic division, state, and source of funds: FY 2006
(Dollars in thousands)

Division and state	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
United States	47,760,402	30,033,156	3,016,240	2,427,627	9,062,058	3,221,321
New England	3,638,649	2,677,956	94,687	193,929	402,311	269,766
Connecticut	692,524	483,070	9,334	24,080	96,225	79,815
Maine	120,038	57,998	8,811	4,200	42,840	6,189
Massachusetts	2,158,748	1,682,351	53,406	131,683	132,945	158,363
New Hampshire	315,394	226,846	9,425	10,361	51,694	17,068
Rhode Island	230,104	145,172	8,032	15,731	59,801	1,368
Vermont	121,841	82,519	5,679	7,874	18,806	6,963
Middle Atlantic	7,076,417	4,620,069	380,253	373,756	1,218,277	484,062
New Jersey	858,413	454,342	57,502	42,091	234,556	69,922
New York	3,789,658	2,461,792	201,728	161,373	688,256	276,509
Pennsylvania	2,428,346	1,703,935	121,023	170,292	295,465	137,631
East North Central	6,795,803	4,040,553	391,342	352,344	1,604,188	407,376
Illinois	1,823,787	1,117,050	67,523	65,892	459,446	113,876
Indiana	823,286	392,583	62,201	62,684	248,207	57,611
Michigan	1,472,727	901,216	74,737	62,190	362,183	72,401
Ohio	1,636,473	1,005,905	150,297	136,151	264,701	79,419
Wisconsin	1,039,530	623,799	36,584	25,427	269,651	84,069
West North Central	3,024,145	1,726,125	245,659	119,329	733,962	199,070
Iowa	572,623	322,822	50,318	29,949	154,381	15,153
Kansas	354,376	185,728	49,150	8,762	94,745	15,991
Minnesota	605,201	331,671	53,684	27,114	110,340	82,392
Missouri	900,202	608,287	33,429	20,872	189,159	48,455
Nebraska	358,858	149,618	10,881	22,814	151,170	24,375
North Dakota	160,095	84,509	32,349	9,165	29,191	4,881
South Dakota	72,790	43,490	15,848	653	4,976	7,823
South Atlantic	9,108,654	5,743,890	607,425	544,026	1,786,810	426,503
Delaware	122,001	86,146	4,989	4,584	21,723	4,559
District of Columbia	296,155	223,150	4,477	11,103	25,373	32,052
Florida	1,527,666	816,525	169,020	122,342	351,629	68,150
Georgia	1,302,570	748,478	82,124	58,347	359,547	54,074
Maryland	2,530,231	1,861,057	63,874	72,943	373,289	159,068
North Carolina	1,710,496	1,083,603	138,796	202,821	240,208	45,068
South Carolina	524,034	260,269	34,467	27,447	185,371	16,480
Virginia	946,886	578,374	104,458	40,321	177,757	45,976
West Virginia	148,615	86,288	5,220	4,118	51,913	1,076
East South Central	2,193,224	1,398,153	163,790	75,707	443,845	111,729
Alabama	601,881	441,306	9,989	22,353	103,567	24,666
Kentucky	479,282	235,781	54,237	13,653	134,893	40,718
Mississippi	369,143	234,555	35,180	12,217	80,778	6,413
Tennessee	742,918	486,511	64,384	27,484	124,607	39,932
West South Central	4,345,254	2,307,118	604,567	232,954	777,463	423,152
Arkansas	237,233	110,092	50,625	15,122	38,048	23,346
Louisiana	539,118	240,355	105,588	20,122	122,076	50,977
Oklahoma	298,175	142,598	39,099	16,843	85,401	14,234
Texas	3,270,728	1,814,073	409,255	180,867	531,938	334,595
Mountain	2,992,233	1,963,317	153,384	142,518	601,459	131,555
Arizona	765,434	425,817	29,386	46,048	212,005	52,178
Colorado	820,565	672,541	18,030	34,057	66,177	29,760

TABLE 17. R&D expenditures at universities and colleges, by geographic division, state, and source of funds: FY 2006
(Dollars in thousands)

Division and state	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Idaho	111,465	66,127	25,643	2,653	14,256	2,786
Montana	172,622	114,201	22,218	4,029	29,923	2,251
Nevada	194,459	137,655	7,695	3,903	41,499	3,707
New Mexico	425,463	232,693	27,164	36,323	116,982	12,301
Utah	412,811	288,439	20,632	13,568	65,509	24,663
Wyoming	89,414	25,844	2,616	1,937	55,108	3,909
Pacific	8,458,928	5,458,446	365,212	388,299	1,481,171	765,800
Alaska	163,034	105,072	2,392	10,019	43,821	1,730
California	6,493,388	3,994,693	266,911	286,084	1,235,819	709,881
Hawaii	257,478	210,097	8,933	12,551	25,888	9
Oregon	557,405	410,243	44,585	19,807	59,224	23,546
Washington	987,623	738,341	42,391	59,838	116,419	30,634
Outlying areas ^a	127,095	97,529	9,921	4,765	12,572	2,308

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 18. R&D expenditures at universities and colleges, by geographic division, state, and science and engineering field: FY 2006

(Dollars in thousands)

Division and state	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
United States	47,760,402	2,601,993	28,831,208	1,967,831	3,823,362	874,831	1,703,365	881,630	7,076,182
New England	3,638,649	320,885	2,044,488	140,279	328,695	78,524	134,097	88,329	503,352
Connecticut	692,524	14,252	562,523	11,329	34,849	24,107	12,300	462	32,702
Maine	120,038	23,006	45,887	2,511	5,774	1,542	21,334	5,040	14,944
Massachusetts	2,158,748	191,482	1,057,381	100,654	261,201	38,425	81,447	45,213	382,945
New Hampshire	315,394	56,986	164,545	6,537	11,202	8,048	5,756	18,546	43,774
Rhode Island	230,104	34,620	107,015	17,860	14,297	4,632	12,972	11,986	26,722
Vermont	121,841	539	107,137	1,388	1,372	1,770	288	7,082	2,265
Middle Atlantic	7,076,417	222,502	4,389,230	363,155	563,778	164,463	221,594	85,697	1,065,998
New Jersey	858,413	52,434	443,155	48,172	80,173	22,659	51,347	22,735	137,738
New York	3,789,658	111,486	2,500,186	122,218	332,593	85,095	96,347	30,805	510,928
Pennsylvania	2,428,346	58,582	1,445,889	192,765	151,012	56,709	73,900	32,157	417,332
East North Central	6,795,803	205,390	4,121,599	285,515	531,996	140,226	355,740	99,449	1,055,888
Illinois	1,823,787	56,225	1,103,666	132,910	158,055	40,748	51,932	34,742	245,509
Indiana	823,286	12,071	423,758	35,382	91,097	25,493	57,805	36,490	141,190
Michigan	1,472,727	24,712	892,712	31,120	124,194	25,036	133,577	5,108	236,268
Ohio	1,636,473	17,680	1,030,885	62,881	93,199	17,101	64,160	22,414	328,153
Wisconsin	1,039,530	94,702	670,578	23,222	65,451	31,848	48,266	695	104,768
West North Central	3,024,145	71,222	2,153,978	73,408	153,158	59,058	122,269	46,888	344,164
Iowa	572,623	8,823	387,589	19,175	29,820	9,597	25,111	6,711	85,797
Kansas	354,376	15,971	218,415	4,180	21,719	4,678	18,485	10,774	60,154
Minnesota	605,201	16,298	438,527	24,595	29,860	13,445	26,934	26	55,516
Missouri	900,202	13,368	739,147	12,432	36,149	15,890	21,416	1,758	60,042
Nebraska	358,858	4,566	246,381	11,916	16,019	11,706	15,526	19,042	33,702
North Dakota	160,095	8,993	74,111	761	16,028	3,461	11,846	6,554	38,341
South Dakota	72,790	3,203	49,808	349	3,563	281	2,951	2,023	10,612
South Atlantic	9,108,654	515,456	5,187,474	416,376	659,010	156,004	367,575	130,251	1,676,508
Delaware	122,001	12,532	33,463	3,729	15,638	3,743	6,800	6,489	39,607
District of Columbia	296,155	360	179,321	41,745	25,454	5,603	23,875	2,691	17,106
Florida	1,527,666	150,441	814,239	43,863	152,622	47,894	51,620	28,748	238,239
Georgia	1,302,570	34,098	698,145	67,948	76,676	33,591	68,402	4,603	319,107
Maryland	2,530,231	131,188	1,293,406	149,914	209,900	18,891	103,349	46,117	577,466
North Carolina	1,710,496	62,634	1,287,509	49,552	79,329	12,114	63,874	9,865	145,619
South Carolina	524,034	36,952	272,869	18,149	31,524	13,569	22,800	21,435	106,736
Virginia	946,886	79,439	512,018	40,124	61,210	19,742	23,906	9,426	201,021

TABLE 18. R&D expenditures at universities and colleges, by geographic division, state, and science and engineering field: FY 2006

(Dollars in thousands)

Division and state	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
West Virginia	148,615	7,812	96,504	1,352	6,657	857	2,949	877	31,607
East South Central	2,193,224	55,608	1,470,687	59,273	136,741	54,686	51,959	55,743	308,527
Alabama	601,881	14,184	431,751	17,115	25,581	9,284	8,481	7,843	87,642
Kentucky	479,282	6,410	348,310	11,207	19,829	13,164	10,753	9,179	60,430
Mississippi	369,143	24,761	190,376	15,415	44,950	8,923	6,599	17,225	60,894
Tennessee	742,918	10,253	500,250	15,536	46,381	23,315	26,126	21,496	99,561
West South Central	4,345,254	222,159	2,895,709	172,011	271,811	57,291	106,573	43,294	576,406
Arkansas	237,233	3,910	179,324	4,181	16,021	1,319	8,191	428	23,859
Louisiana	539,118	36,048	359,347	15,770	31,743	4,193	15,347	18,431	58,239
Oklahoma	298,175	34,844	168,310	7,359	19,782	3,257	13,017	6,156	45,450
Texas	3,270,728	147,357	2,188,728	144,701	204,265	48,522	70,018	18,279	448,858
Mountain	2,992,233	319,596	1,376,939	79,566	394,996	59,233	88,224	100,376	573,303
Arizona	765,434	27,756	319,316	28,007	169,514	18,177	44,379	5,549	152,736
Colorado	820,565	177,769	403,333	16,369	88,505	19,507	12,363	18,533	84,186
Idaho	111,465	8,767	63,629	2,307	10,091	74	2,844	4,235	19,518
Montana	172,622	5,611	108,075	2,701	20,131	665	4,978	14,927	15,534
Nevada	194,459	63,919	58,838	2,135	19,941	740	5,339	15,985	27,562
New Mexico	425,463	7,007	149,243	7,958	52,407	12,054	8,458	21,867	166,469
Utah	412,811	17,439	223,502	19,005	28,416	6,966	6,203	11,394	99,886
Wyoming	89,414	11,328	51,003	1,084	5,991	1,050	3,660	7,886	7,412
Pacific	8,458,928	660,910	5,118,464	376,086	765,041	103,511	247,712	226,499	960,705
Alaska	163,034	81,810	38,094	6,216	124	422	3,922	13,023	19,423
California	6,493,388	370,629	3,945,593	309,139	652,824	80,892	185,986	152,057	796,268
Hawaii	257,478	64,209	85,751	21,344	40,645	858	6,740	26,432	11,499
Oregon	557,405	47,319	380,349	31,053	18,894	8,999	14,602	23,146	33,043
Washington	987,623	96,943	668,677	8,334	52,554	12,340	36,462	11,841	100,472
Outlying areas ^a	127,095	8,265	72,640	2,162	18,136	1,835	7,622	5,104	11,331

nec = not elsewhere classified.

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 19. R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
United States	32,811,229	36,393,689	40,086,969	43,242,403	45,777,167	47,760,402
New England	2,565,523	2,784,035	3,046,288	3,333,778	3,450,663	3,638,649
Connecticut	499,095	538,488	594,507	649,245	669,923	692,524
Maine	70,969	75,063	83,935	99,108	96,569	120,038
Massachusetts	1,578,977	1,697,182	1,821,924	2,000,120	2,079,548	2,158,748
New Hampshire	196,975	220,061	252,210	277,201	287,472	315,394
Rhode Island	142,625	163,052	187,131	192,326	199,709	230,104
Vermont	76,882	90,189	106,581	115,778	117,442	121,841
Middle Atlantic	4,797,558	5,363,241	5,839,845	6,356,656	6,832,707	7,076,417
New Jersey	628,040	690,642	754,426	805,135	865,641	858,413
New York	2,476,256	2,759,478	3,071,657	3,345,079	3,601,473	3,789,658
Pennsylvania	1,693,262	1,913,121	2,013,762	2,206,442	2,365,593	2,428,346
East North Central	4,699,000	5,247,604	5,875,323	6,226,768	6,516,688	6,795,803
Illinois	1,280,955	1,440,716	1,613,691	1,712,879	1,770,780	1,823,787
Indiana	584,418	650,718	725,752	840,957	759,419	823,286
Michigan	1,108,270	1,233,511	1,389,683	1,397,011	1,455,770	1,472,727
Ohio	996,069	1,116,116	1,268,397	1,319,269	1,530,872	1,636,473
Wisconsin	729,288	806,543	877,800	956,652	999,847	1,039,530
West North Central	2,214,989	2,407,010	2,617,899	2,776,859	2,925,478	3,024,145
Iowa	439,810	485,756	498,669	531,770	548,301	572,623
Kansas	268,897	299,806	310,111	332,547	348,751	354,376
Minnesota	469,370	504,398	517,912	535,469	558,259	605,201
Missouri	678,202	705,593	807,075	841,779	893,013	900,202
Nebraska	241,638	266,930	300,540	325,001	360,148	358,858
North Dakota	84,574	106,078	133,615	151,710	149,994	160,095
South Dakota	32,498	38,449	49,977	58,583	67,012	72,790
South Atlantic	6,126,987	6,877,343	7,537,853	8,096,909	8,697,554	9,108,654
Delaware	79,985	88,319	104,650	114,663	115,751	122,001
District of Columbia	228,110	260,819	280,874	303,049	302,921	296,155
Florida	985,628	1,085,764	1,204,592	1,306,810	1,448,634	1,527,666
Georgia	989,024	1,076,706	1,176,523	1,222,150	1,274,410	1,302,570
Maryland	1,653,757	1,895,382	2,040,747	2,268,304	2,356,905	2,530,231
North Carolina	1,139,099	1,279,377	1,397,859	1,446,874	1,655,844	1,710,496
South Carolina	361,404	399,982	435,328	455,964	487,776	524,034
Virginia	610,904	693,668	776,067	849,038	910,163	946,886
West Virginia	79,076	97,326	121,213	130,057	145,150	148,615
East South Central	1,435,812	1,618,364	1,852,631	2,002,102	2,121,281	2,193,224
Alabama	448,294	503,470	550,756	572,279	589,860	601,881
Kentucky	298,268	334,208	377,635	424,013	452,265	479,282
Mississippi	260,991	289,412	324,236	347,563	353,078	369,143
Tennessee	428,259	491,274	600,004	658,247	726,078	742,918
West South Central	3,085,849	3,434,897	3,758,178	3,904,480	4,153,730	4,345,254
Arkansas	142,310	140,813	183,908	182,958	209,518	237,233
Louisiana	436,483	476,785	514,403	559,372	578,791	539,118
Oklahoma	255,217	282,062	295,098	283,021	291,697	298,175
Texas	2,251,839	2,535,237	2,764,769	2,879,129	3,073,724	3,270,728
Mountain	2,033,640	2,212,687	2,465,462	2,628,870	2,859,577	2,992,233
Arizona	500,548	531,106	617,978	650,961	720,184	765,434
Colorado	572,950	645,291	694,862	771,359	825,048	820,565
Idaho	82,496	93,323	105,039	116,757	119,871	111,465

TABLE 19. R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
Montana	107,744	122,375	141,220	154,726	170,791	172,622
Nevada	115,934	126,713	154,515	163,764	178,492	194,459
New Mexico	274,209	292,691	306,636	303,922	361,466	425,463
Utah	338,127	359,556	385,158	407,327	400,276	412,811
Wyoming	41,632	41,632	60,054	60,054	83,449	89,414
Pacific	5,775,719	6,359,670	6,992,329	7,802,135	8,093,988	8,458,928
Alaska	119,199	128,875	142,413	146,465	153,721	163,034
California	4,426,044	4,887,606	5,357,613	6,012,609	6,262,690	6,493,388
Hawaii	156,976	172,664	184,602	241,346	240,247	257,478
Oregon	366,023	386,666	436,958	504,802	536,228	557,405
Washington	707,477	783,859	870,743	896,913	901,102	987,623
Outlying areas ^a	76,152	88,838	101,161	113,846	125,501	127,095

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 20. Federally financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
United States	19,233,421	21,863,925	24,758,853	27,630,624	29,191,369	30,033,156
New England	1,763,867	1,978,296	2,206,171	2,500,219	2,567,002	2,677,956
Connecticut	328,295	375,470	418,656	468,179	477,950	483,070
Maine	27,024	29,642	37,019	46,531	41,788	57,998
Massachusetts	1,141,757	1,261,829	1,379,457	1,580,959	1,631,072	1,682,351
New Hampshire	115,067	138,084	165,497	191,026	200,982	226,846
Rhode Island	101,629	113,841	133,560	133,282	134,067	145,172
Vermont	50,095	59,430	71,982	80,242	81,143	82,519
Middle Atlantic	2,987,817	3,437,101	3,822,819	4,246,338	4,536,470	4,620,069
New Jersey	274,865	316,912	369,993	420,018	463,377	454,342
New York	1,564,934	1,775,875	2,008,426	2,231,041	2,401,601	2,461,792
Pennsylvania	1,148,018	1,344,314	1,444,400	1,595,279	1,671,492	1,703,935
East North Central	2,559,228	2,901,167	3,332,238	3,664,400	3,887,116	4,040,553
Illinois	741,603	838,708	963,582	1,066,317	1,122,675	1,117,050
Indiana	247,944	276,401	327,720	365,336	380,291	392,583
Michigan	622,049	699,888	792,755	820,716	880,200	901,216
Ohio	560,942	643,198	743,554	848,898	892,125	1,005,905
Wisconsin	386,690	442,972	504,627	563,133	611,825	623,799
West North Central	1,136,080	1,297,190	1,459,918	1,579,975	1,677,006	1,726,125
Iowa	219,361	257,084	284,091	306,237	316,536	322,822
Kansas	114,742	134,309	157,607	170,548	179,894	185,728
Minnesota	267,938	300,102	298,114	312,782	324,691	331,671
Missouri	409,902	447,795	519,595	543,237	592,887	608,287
Nebraska	76,507	89,322	106,040	129,578	141,899	149,618
North Dakota	30,950	46,418	66,276	81,724	78,337	84,509
South Dakota	16,680	22,160	28,195	35,869	42,762	43,490
South Atlantic	3,581,480	4,151,592	4,735,297	5,267,396	5,540,622	5,743,890
Delaware	44,052	51,002	73,129	80,925	79,769	86,146
District of Columbia	192,314	194,255	219,292	239,752	241,839	223,150
Florida	463,776	559,327	667,688	746,889	792,278	816,525
Georgia	472,863	534,959	639,344	700,306	744,799	748,478
Maryland	1,201,885	1,417,172	1,510,805	1,710,143	1,767,353	1,861,057
North Carolina	656,877	745,722	841,581	937,289	1,014,935	1,083,603
South Carolina	169,257	183,701	226,288	245,411	239,075	260,269
Virginia	344,930	405,985	482,759	527,199	572,577	578,374
West Virginia	35,526	59,469	74,411	79,482	87,997	86,288
East South Central	858,912	1,012,094	1,173,095	1,259,662	1,363,942	1,398,153
Alabama	313,644	365,187	409,919	417,000	446,488	441,306
Kentucky	120,529	151,228	172,464	195,032	221,922	235,781
Mississippi	154,848	179,686	207,872	211,410	223,910	234,555
Tennessee	269,891	315,993	382,840	436,220	471,622	486,511
West South Central	1,575,506	1,781,348	1,977,585	2,114,837	2,259,321	2,307,118
Arkansas	64,166	62,269	82,846	94,036	103,132	110,092
Louisiana	181,422	196,783	217,044	235,304	258,656	240,355
Oklahoma	96,349	112,438	127,055	140,434	138,528	142,598
Texas	1,233,569	1,409,858	1,550,640	1,645,063	1,759,005	1,814,073
Mountain	1,283,393	1,415,168	1,607,845	1,778,921	1,913,565	1,963,317
Arizona	265,716	287,052	341,715	376,657	401,975	425,817
Colorado	438,664	484,762	534,716	621,458	645,720	672,541

TABLE 20. Federally financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
Idaho	34,347	42,376	55,928	64,623	67,746	66,127
Montana	56,668	65,575	84,991	97,411	113,046	114,201
Nevada	69,085	85,085	103,532	105,035	124,926	137,655
New Mexico	185,733	195,383	199,607	204,358	252,611	232,693
Utah	213,163	234,918	264,170	286,193	278,190	288,439
Wyoming	20,017	20,017	23,186	23,186	29,351	25,844
Pacific	3,432,587	3,827,155	4,371,622	5,133,500	5,349,637	5,458,446
Alaska	59,273	71,129	78,725	82,681	97,356	105,072
California	2,531,013	2,809,385	3,183,889	3,782,683	3,968,928	3,994,693
Hawaii	97,716	119,381	148,662	191,252	199,135	210,097
Oregon	255,324	273,901	317,704	370,921	392,321	410,243
Washington	489,261	553,359	642,642	705,963	691,897	738,341
Outlying areas ^a	54,551	62,814	72,263	85,376	96,688	97,529

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 21. State and local government-financed R&D expenditures at universities and colleges, by geographic division and state:
FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
United States	2,320,591	2,505,859	2,646,393	2,878,883	2,942,006	3,016,240
New England	84,117	86,094	83,979	80,914	83,033	94,687
Connecticut	15,168	8,970	9,307	7,070	7,793	9,334
Maine	9,008	12,084	13,386	12,730	10,128	8,811
Massachusetts	38,184	46,514	43,373	41,699	45,166	53,406
New Hampshire	12,194	7,870	7,709	7,323	6,006	9,425
Rhode Island	5,511	6,293	6,764	7,085	8,778	8,032
Vermont	4,052	4,363	3,440	5,007	5,162	5,679
Middle Atlantic	233,414	277,324	320,270	352,987	393,537	380,253
New Jersey	54,230	62,789	66,571	58,323	56,803	57,502
New York	127,736	136,011	159,682	195,519	220,872	201,728
Pennsylvania	51,448	78,524	94,017	99,145	115,862	121,023
East North Central	315,847	345,502	329,859	403,519	415,355	391,342
Illinois	82,742	92,536	93,468	72,030	66,705	67,523
Indiana	45,456	54,494	51,364	53,998	60,869	62,201
Michigan	66,798	69,484	95,036	83,945	74,906	74,737
Ohio	80,428	78,846	39,511	152,245	167,576	150,297
Wisconsin	40,423	50,142	50,480	41,301	45,299	36,584
West North Central	205,977	211,371	210,227	236,178	247,853	245,659
Iowa	59,668	56,410	51,078	50,647	48,954	50,318
Kansas	45,172	44,714	40,117	46,142	50,021	49,150
Minnesota	58,483	61,380	59,826	50,813	50,836	53,684
Missouri	25,166	27,322	33,606	37,099	41,495	33,429
Nebraska	7,007	9,936	12,014	12,102	12,650	10,881
North Dakota	1,440	2,569	3,760	28,498	31,158	32,349
South Dakota	9,041	9,040	9,826	10,877	12,739	15,848
South Atlantic	479,131	490,465	490,062	585,381	591,365	607,425
Delaware	4,712	4,270	3,745	3,529	5,296	4,989
District of Columbia	3,193	4,106	2,893	3,776	3,635	4,477
Florida	110,244	118,480	118,531	199,642	156,003	169,020
Georgia	78,760	79,163	85,361	83,728	77,701	82,124
Maryland	58,840	57,855	60,819	61,218	67,795	63,874
North Carolina	120,695	117,049	117,158	123,972	147,634	138,796
South Carolina	30,135	26,270	21,673	19,312	32,504	34,467
Virginia	70,081	81,259	76,661	85,427	96,739	104,458
West Virginia	2,471	2,013	3,221	4,777	4,058	5,220
East South Central	132,072	144,152	147,629	168,199	161,629	163,790
Alabama	5,485	7,582	6,765	9,369	8,889	9,989
Kentucky	41,257	45,257	48,960	52,458	52,451	54,237
Mississippi	41,505	41,966	37,397	52,693	36,840	35,180
Tennessee	43,825	49,347	54,507	53,679	63,449	64,384
West South Central	391,863	437,165	539,764	548,792	556,261	604,567
Arkansas	38,437	39,777	55,395	44,931	47,006	50,625
Louisiana	84,738	96,930	105,214	113,921	117,327	105,588
Oklahoma	40,615	40,462	40,582	34,287	37,115	39,099
Texas	228,073	259,996	338,573	355,653	354,813	409,255
Mountain	119,967	127,865	158,234	133,046	134,561	153,384
Arizona	14,269	14,553	39,564	24,650	25,200	29,386
Colorado	21,934	24,385	30,808	14,420	20,962	18,030

TABLE 21. State and local government-financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
Idaho	18,389	21,328	18,749	20,770	25,334	25,643
Montana	19,745	23,118	21,506	21,279	21,119	22,218
Nevada	10,275	5,925	8,024	11,784	4,263	7,695
New Mexico	11,872	13,803	14,913	13,435	15,277	27,164
Utah	21,445	22,715	22,677	24,715	20,203	20,632
Wyoming	2,038	2,038	1,993	1,993	2,203	2,616
Pacific	352,706	379,198	358,102	359,577	350,673	365,212
Alaska	3,488	3,758	5,036	3,103	2,704	2,392
California	256,000	284,002	283,213	269,373	256,669	266,911
Hawaii	33,125	31,062	11,822	8,815	7,077	8,933
Oregon	41,449	42,027	38,016	37,291	41,583	44,585
Washington	18,644	18,349	20,015	40,995	42,640	42,391
Outlying areas ^a	5,497	6,723	8,267	10,290	7,739	9,921

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 22. Industry-financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
United States	2,218,566	2,191,084	2,161,753	2,129,322	2,293,591	2,427,627
New England	205,189	186,664	181,916	173,121	184,776	193,929
Connecticut	24,283	23,333	27,846	25,307	28,520	24,080
Maine	3,769	4,075	3,385	3,829	3,881	4,200
Massachusetts	156,335	139,160	128,944	122,022	129,215	131,683
New Hampshire	12,140	10,389	11,257	10,812	9,553	10,361
Rhode Island	2,228	2,538	2,995	4,284	6,337	15,731
Vermont	6,434	7,169	7,489	6,867	7,270	7,874
Middle Atlantic	331,756	325,472	311,684	336,425	344,404	373,756
New Jersey	39,539	38,275	37,225	35,277	38,240	42,091
New York	129,514	128,382	133,077	145,644	142,846	161,373
Pennsylvania	162,703	158,815	141,382	155,504	163,318	170,292
East North Central	275,057	263,115	263,715	277,436	331,700	352,344
Illinois	59,183	54,937	49,425	52,814	53,485	65,892
Indiana	41,625	43,339	51,182	55,162	62,805	62,684
Michigan	65,453	63,724	69,052	61,363	64,961	62,190
Ohio	86,121	80,071	73,883	86,202	128,113	136,151
Wisconsin	22,675	21,044	20,173	21,895	22,336	25,427
West North Central	136,544	134,751	124,392	117,368	118,261	119,329
Iowa	34,716	35,462	35,511	29,465	28,624	29,949
Kansas	12,484	13,741	8,200	9,163	9,911	8,762
Minnesota	26,987	27,200	24,748	22,522	27,413	27,114
Missouri	37,930	30,459	26,584	28,942	23,205	20,872
Nebraska	17,782	21,104	22,024	20,921	21,424	22,814
North Dakota	6,242	6,505	6,636	5,622	6,901	9,165
South Dakota	403	280	689	733	783	653
South Atlantic	504,805	511,718	520,189	471,522	553,012	544,026
Delaware	5,041	5,667	3,051	3,059	4,048	4,584
District of Columbia	12,789	17,514	12,272	7,600	13,387	11,103
Florida	72,561	67,194	68,616	71,644	104,674	122,342
Georgia	96,737	95,753	74,034	67,663	69,047	58,347
Maryland	70,653	81,401	96,593	91,412	94,577	72,943
North Carolina	167,884	158,754	183,682	151,840	199,728	202,821
South Carolina	23,006	27,051	22,995	23,366	22,146	27,447
Virginia	49,608	51,573	56,640	50,903	41,550	40,321
West Virginia	6,526	6,811	2,306	4,035	3,855	4,118
East South Central	67,083	59,295	54,765	55,672	65,765	75,707
Alabama	21,738	18,856	15,019	15,851	18,827	22,353
Kentucky	13,999	9,090	8,491	10,446	11,262	13,653
Mississippi	9,843	10,822	9,595	9,485	10,579	12,217
Tennessee	21,503	20,527	21,660	19,890	25,097	27,484
West South Central	225,038	237,262	232,130	210,136	213,019	232,954
Arkansas	7,484	9,106	9,528	10,348	10,886	15,122
Louisiana	25,724	30,451	30,940	22,543	22,221	20,122
Oklahoma	17,382	19,530	17,211	15,017	15,496	16,843
Texas	174,448	178,175	174,451	162,228	164,416	180,867
Mountain	110,146	109,159	123,817	119,692	118,994	142,518
Arizona	29,924	31,455	40,280	38,914	42,370	46,048
Colorado	29,497	33,640	37,265	36,597	33,766	34,057
Idaho	6,683	7,469	6,152	4,852	3,846	2,653

TABLE 22. Industry-financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
Montana	9,084	7,712	6,909	5,597	3,895	4,029
Nevada	5,078	4,120	5,593	7,036	4,091	3,903
New Mexico	12,297	10,936	15,326	13,819	17,111	36,323
Utah	15,002	11,246	9,798	10,383	12,355	13,568
Wyoming	2,581	2,581	2,494	2,494	1,560	1,937
Pacific	360,496	359,687	343,589	363,346	357,959	388,299
Alaska	29,176	24,002	23,093	16,934	11,356	10,019
California	261,665	263,143	250,869	260,798	268,824	286,084
Hawaii	7,232	9,971	6,931	21,234	12,155	12,551
Oregon	14,489	11,720	10,706	14,373	16,435	19,807
Washington	47,934	50,851	51,990	50,007	49,189	59,838
Outlying areas ^a	2,452	3,961	5,556	4,604	5,701	4,765

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 23. Institutionally financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
United States	6,613,534	7,132,526	7,662,630	7,751,579	8,257,650	9,062,058
New England	267,623	273,214	299,250	328,901	355,651	402,311
Connecticut	76,045	68,711	71,403	82,238	84,833	96,225
Maine	26,013	23,123	26,338	32,560	35,631	42,840
Massachusetts	80,587	89,140	98,307	106,923	118,430	132,945
New Hampshire	43,031	42,231	49,139	47,743	52,026	51,694
Rhode Island	29,609	35,622	37,239	43,061	47,004	59,801
Vermont	12,338	14,387	16,824	16,376	17,727	18,806
Middle Atlantic	815,293	865,098	936,594	964,515	1,055,623	1,218,277
New Jersey	190,380	205,134	211,636	217,895	236,260	234,556
New York	413,649	452,668	512,804	520,140	538,668	688,256
Pennsylvania	211,264	207,296	212,154	226,480	280,695	295,465
East North Central	1,194,152	1,336,285	1,517,365	1,518,787	1,460,982	1,604,188
Illinois	311,891	357,341	399,539	422,059	420,811	459,446
Indiana	203,717	225,350	236,893	310,642	206,036	248,207
Michigan	278,480	307,336	347,026	353,185	361,563	362,183
Ohio	193,108	228,097	315,644	185,036	231,983	264,701
Wisconsin	206,956	218,161	218,263	247,865	240,589	269,651
West North Central	597,622	624,915	654,230	666,852	702,536	733,962
Iowa	103,688	114,077	114,738	130,679	138,325	154,381
Kansas	74,202	91,455	87,486	93,116	96,088	94,745
Minnesota	81,911	77,464	72,780	72,616	77,253	110,340
Missouri	163,916	161,444	182,510	191,007	189,971	189,159
Nebraska	127,825	129,790	140,401	142,569	166,014	151,170
North Dakota	42,409	46,964	51,377	31,203	30,195	29,191
South Dakota	3,671	3,721	4,938	5,662	4,690	4,976
South Atlantic	1,249,564	1,357,191	1,414,637	1,419,999	1,615,441	1,786,810
Delaware	16,486	18,239	19,840	23,415	22,683	21,723
District of Columbia	4,291	9,929	12,171	16,907	17,009	25,373
Florida	291,649	276,617	284,656	237,317	330,552	351,629
Georgia	297,154	312,874	321,600	334,946	342,894	359,547
Maryland	216,627	243,553	261,664	284,943	289,091	373,289
North Carolina	152,956	209,562	207,374	190,666	231,130	240,208
South Carolina	131,435	144,576	152,311	154,982	181,843	185,371
Virginia	109,537	113,248	116,317	137,512	153,569	177,757
West Virginia	29,429	28,593	38,704	39,311	46,670	51,913
East South Central	296,622	323,057	378,678	414,544	429,009	443,845
Alabama	86,537	91,942	98,258	107,894	96,203	103,567
Kentucky	101,779	98,940	113,143	126,040	127,843	134,893
Mississippi	51,339	53,093	62,476	68,249	75,675	80,778
Tennessee	56,967	79,082	104,801	112,361	129,288	124,607
West South Central	590,650	637,254	662,341	644,290	725,757	777,463
Arkansas	23,291	21,985	26,915	25,291	34,130	38,048
Louisiana	105,257	106,884	123,519	130,213	126,321	122,076
Oklahoma	88,219	93,459	94,350	77,803	87,028	85,401
Texas	373,883	414,926	417,557	410,983	478,278	531,938
Mountain	424,179	457,968	480,726	508,110	560,515	601,459
Arizona	169,472	171,237	171,749	186,762	221,066	212,005
Colorado	57,315	77,073	71,433	78,480	77,723	66,177
Idaho	21,948	21,077	22,683	24,227	11,778	14,256

TABLE 23. Institutionally financed R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06

(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
Montana	20,919	24,212	26,436	29,062	31,258	29,923
Nevada	27,681	28,370	33,435	36,857	40,970	41,499
New Mexico	55,841	64,449	68,935	63,799	70,776	116,982
Utah	54,787	55,334	56,685	59,553	59,891	65,509
Wyoming	16,216	16,216	29,370	29,370	47,053	55,108
Pacific	1,165,302	1,243,932	1,305,574	1,274,030	1,338,666	1,481,171
Alaska	26,612	28,132	32,693	40,699	39,893	43,821
California	954,828	1,029,615	1,080,035	1,081,343	1,131,403	1,235,819
Hawaii	18,903	12,232	17,171	19,892	21,282	25,888
Oregon	35,864	36,531	46,523	60,774	63,856	59,224
Washington	129,095	137,422	129,152	71,322	82,232	116,419
Outlying areas ^a	12,527	13,612	13,235	11,551	13,470	12,572

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 24. All other sources of financing for R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06
(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
United States	2,425,117	2,700,295	2,857,340	2,851,995	3,092,551	3,221,321
New England	244,727	259,767	274,972	250,623	260,201	269,766
Connecticut	55,304	62,004	67,295	66,451	70,827	79,815
Maine	5,155	6,139	3,807	3,458	5,141	6,189
Massachusetts	162,114	160,539	171,843	148,517	155,665	158,363
New Hampshire	14,543	21,487	18,608	20,297	18,905	17,068
Rhode Island	3,648	4,758	6,573	4,614	3,523	1,368
Vermont	3,963	4,840	6,846	7,286	6,140	6,963
Middle Atlantic	429,278	458,246	448,478	456,391	502,673	484,062
New Jersey	69,026	67,532	69,001	73,622	70,961	69,922
New York	240,423	266,542	257,668	252,735	297,486	276,509
Pennsylvania	119,829	124,172	121,809	130,034	134,226	137,631
East North Central	354,716	401,535	432,146	362,626	421,535	407,376
Illinois	85,536	97,194	107,677	99,659	107,104	113,876
Indiana	45,676	51,134	58,593	55,819	49,418	57,611
Michigan	75,490	93,079	85,814	77,802	74,140	72,401
Ohio	75,470	85,904	95,805	46,888	111,075	79,419
Wisconsin	72,544	74,224	84,257	82,458	79,798	84,069
West North Central	138,766	138,783	169,132	176,486	179,822	199,070
Iowa	22,377	22,723	13,251	14,742	15,862	15,153
Kansas	22,297	15,587	16,701	13,578	12,837	15,991
Minnesota	34,051	38,252	62,444	76,736	78,066	82,392
Missouri	41,288	38,573	44,780	41,494	45,455	48,455
Nebraska	12,517	16,778	20,061	19,831	18,161	24,375
North Dakota	3,533	3,622	5,566	4,663	3,403	4,881
South Dakota	2,703	3,248	6,329	5,442	6,038	7,823
South Atlantic	312,007	366,377	377,668	352,611	397,114	426,503
Delaware	9,694	9,141	4,885	3,735	3,955	4,559
District of Columbia	15,523	35,015	34,246	35,014	27,051	32,052
Florida	47,398	64,146	65,101	51,318	65,127	68,150
Georgia	43,510	53,957	56,184	35,507	39,969	54,074
Maryland	105,752	95,401	110,866	120,588	138,089	159,068
North Carolina	40,687	48,290	48,064	43,107	62,417	45,068
South Carolina	7,571	18,384	12,061	12,893	12,208	16,480
Virginia	36,748	41,603	43,690	47,997	45,728	45,976
West Virginia	5,124	440	2,571	2,452	2,570	1,076
East South Central	81,123	79,766	98,464	104,025	100,936	111,729
Alabama	20,890	19,903	20,795	22,165	19,453	24,666
Kentucky	20,704	29,693	34,577	40,037	38,787	40,718
Mississippi	3,456	3,845	6,896	5,726	6,074	6,413
Tennessee	36,073	26,325	36,196	36,097	36,622	39,932
West South Central	302,792	341,868	346,358	386,425	399,372	423,152
Arkansas	8,932	7,676	9,224	8,352	14,364	23,346
Louisiana	39,342	45,737	37,686	57,391	54,266	50,977
Oklahoma	12,652	16,173	15,900	15,480	13,530	14,234
Texas	241,866	272,282	283,548	305,202	317,212	334,595
Mountain	95,955	102,527	94,840	89,101	131,942	131,555
Arizona	21,167	26,809	24,670	23,978	29,573	52,178
Colorado	25,540	25,431	20,640	20,404	46,877	29,760

TABLE 24. All other sources of financing for R&D expenditures at universities and colleges, by geographic division and state: FY 2001–06
(Dollars in thousands)

Division and state	2001	2002	2003	2004	2005	2006
Idaho	1,129	1,073	1,527	2,285	11,167	2,786
Montana	1,328	1,758	1,378	1,377	1,473	2,251
Nevada	3,815	3,213	3,931	3,052	4,242	3,707
New Mexico	8,466	8,120	7,855	8,511	5,691	12,301
Utah	33,730	35,343	31,828	26,483	29,637	24,663
Wyoming	780	780	3,011	3,011	3,282	3,909
Pacific	464,628	549,698	613,442	671,682	697,053	765,800
Alaska	650	1,854	2,866	3,048	2,412	1,730
California	422,538	501,461	559,607	618,412	636,866	709,881
Hawaii	0	18	16	153	598	9
Oregon	18,897	22,487	24,009	21,443	22,033	23,546
Washington	22,543	23,878	26,944	28,626	35,144	30,634
Outlying areas ^a	1,125	1,728	1,840	2,025	1,903	2,308

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTES: Because of rounding, detail may not add to total. Includes R&D expenditures financed by sources other than government (federal, state, local), industry, or institutional funds.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
United States	47,760,402	30,033,156	3,016,240	2,427,627	9,062,058	3,221,321
Public	32,356,705	18,464,218	2,712,609	1,663,158	7,435,788	2,080,932
Private	15,403,697	11,568,938	303,631	764,469	1,626,270	1,140,389
Alabama	601,881	441,306	9,989	22,353	103,567	24,666
Public	589,673	431,886	9,989	22,353	103,492	21,953
AL A&M U.	14,431	7,537	3,850	85	2,270	689
AL State U.	1,900	1,685	0	5	210	0
Auburn U. all campuses	126,522	45,540	1,714	4,697	69,346	5,225
Jacksonville State U.	1,470	1,315	141	2	0	12
Troy U. main campus	246	217	0	0	29	0
U. AL, The	35,129	22,847	3,439	1,927	6,308	608
U. AL Birmingham, The	331,436	292,962	58	7,868	15,129	15,419
U. AL Huntsville, The	59,231	44,636	471	4,029	10,095	0
U. South AL	19,308	15,147	316	3,740	105	0
Private	12,208	9,420	0	0	75	2,713
Oakwood C.	557 i	449 i	0 i	0 i	75 i	33 i
Tuskegee U.	11,651	8,971	0	0	0	2,680
Alaska	163,034	105,072	2,392	10,019	43,821	1,730
Public	163,034	105,072	2,392	10,019	43,821	1,730
U. AK Anchorage all campuses	8,844	6,333	1,048	0	0	1,463
U. AK Fairbanks all campuses	153,470	98,330	1,300	10,019	43,821	0
U. AK Southeast all campuses	720	409	44	0	0	267
Arizona	765,434	425,817	29,386	46,048	212,005	52,178
Public	765,434	425,817	29,386	46,048	212,005	52,178
AZ State U. main campus	201,955	109,893	14,772	11,843	61,204	4,243
Northern AZ U.	27,632	14,305	4,598	1,629	7,100	0
U. AZ	535,847	301,619	10,016	32,576	143,701	47,935
Arkansas	237,233	110,092	50,625	15,122	38,048	23,346
Public	236,548	109,534	50,625	15,122	37,921	23,346
AR State U. main campus	6,007	3,938	1,298	41	572	158
AR Tech U.	292	150	29 i	10 i	98 i	5 i
U. AR for Medical Sciences	107,871	66,127	7,077	3,571	17,305	13,791
U. AR Little Rock	9,331	1,126	3,332 i	1,632 i	845 i	2,396 i
U. AR main campus	99,271	31,926	38,252	7,299	15,699	6,095
U. AR Pine Bluff	6,774	3,777	86	0	2,911	0
U. Central AR	7,002	2,490	551	2,569	491	901
Private	685	558	0	0	127	0
Hendrix C.	685	558	0	0	127	0
California	6,493,388	3,994,693	266,911	286,084	1,235,819	709,881
Public	4,621,898	2,518,158	253,111	197,943	1,037,743	614,943
CA State Polytechnic U. Pomona	2,502	2,502	0	0	0	0
CA State Polytechnic U. San Luis Obispo	12,529	6,461	2,026	807	1,812	1,423
CA State U. Bakersfield	6,379	2,301	3,388	215	475	0
CA State U. Chico	2,767 i	1,083 i	1,453 i	113 i	0 i	118 i
CA State U. Dominguez Hills	3,190	2,530	362	0	67	231
CA State U. East Bay	2,833	2,037	309	80	84	323
CA State U. Fresno	9,749	1,561	6,773	416	999	0
CA State U. Fullerton	4,522	4,083	47	238	154	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
CA State U. Long Beach	10,322	8,368	574	397	423	560
CA State U. Los Angeles	8,956	8,672	124	44	0	116
CA State U. Monterey Bay	4,107	3,779	215	0	0	113
CA State U. Northridge	7,490	5,200	655	96	1,210	329
CA State U. Sacramento	4,372 i	4,372 i	0 i	0 i	0 i	0 i
CA State U. San Bernardino	11,120	5,367	855	4,134	577	187
Humboldt State U.	6,500	2,548	2,082	190	920	760
Naval Postgraduate School	56,780	54,528	980	999	0	273
San Diego State U.	73,777	35,351	6,929	508	24,061	6,928
San Francisco State U.	27,333	17,255	3,593	51	4,447	1,987
San Jose State U.	34,687	23,197	7,634	308	1,319	2,229
Sonoma State U.	637	219	324	0	48	46
U. CA Office of the President	128,770	796	43,736	661	75,685	7,892
U. CA, Berkeley	546,035	261,718	36,418	24,744	146,469	76,686
U. CA, Davis	573,002	248,190	44,982	26,221	192,843	60,766
U. CA, Irvine	300,229	169,983	9,862	16,224	64,683	39,477
U. CA, Los Angeles	811,493	483,873	14,984	24,480	162,219	125,937
U. CA, Merced	7,527	3,135	2,182	175	1,408	627
U. CA, Riverside	124,820	58,023	4,937	4,947	45,153	11,760
U. CA, San Diego	754,766	463,807	25,758	39,825	124,987	100,389
U. CA, San Francisco	796,149	464,660	26,804	35,621	129,527	139,537
U. CA, Santa Barbara	174,429	106,169	2,830	13,918	29,634	21,878
U. CA, Santa Cruz	114,126	66,390	2,295	2,531	28,539	14,371
Private	1,871,490	1,476,535	13,800	88,141	198,076	94,938
CA Institute of Technology	270,269	248,591	1,809	7,981	4,150	7,738
Chapman U.	833	236	5	114	289	189
Charles R. Drew U. of Medicine and Science	47,188	44,394	762	199	1,833	0
Claremont Graduate U.	3,100	1,093	74	129	525	1,279
Fuller Theological Seminary CA	729	500	0	0	25	204
Harvey Mudd C.	2,301	1,003	0	623	424	251
Loma Linda U.	32,451	28,788	53	814	1,007	1,789
Loyola Marymount U.	1,599	1,044	7	0	484	64
Mills C.	550 i	550 i	0 i	0 i	0 i	0 i
Mt. St. Mary's C. (Los Angeles, CA)	581	581	0	0	0	0
Occidental C.	1,449	690	118	630	9	2
Pitzer C.	269	146	0	0	123	0
Point Loma Nazarene C.	376	376	0	0	0	0
Pomona C.	2,584	1,053	0	0	1,454	77
Santa Clara U.	1,684 i	1,671 i	0 i	0 i	0 i	13 i
Scripps Research Institute, The	367,375	268,533	73	16,277	59,544	22,948
Stanford U.	679,196	540,069	4,595	34,637	40,742	59,153
U. Redlands	1,172	1,126	10	2	0	34
U. San Diego	499	280	0	38	0	181
U. San Francisco	1,376	386	58	1	449	482
U. Southern CA	450,173	333,378	4,940	24,952	86,903	0
U. of the Pacific	4,161	1,142	1,275	1,744	0	0
Western U. of Health Sciences	1,575	905	21	0	115	534
Colorado	820,565	672,541	18,030	34,057	66,177	29,760
Public	809,984	663,998	17,938	33,310	65,403	29,335
CO School of Mines	28,729	20,543	484	7,702	0	0
CO State U.	253,992	182,648	15,170	13,852	35,877	6,445

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
CO State U. Pueblo	586	573	9	4	0	0
Ft. Lewis C.	770	616	1	138	15	0
U.S. Air Force Academy	10,547	9,678	0	118	0	751
U. CO Boulder	250,255	223,666	405	4,696	16,488	5,000
U. CO Colorado Springs	4,509	3,470	202	223	329	285
U. CO at Denver and Health Sciences Ctr.	258,030	221,214	1,648	6,572	11,934	16,662
U. Northern CO	2,566	1,590	19	5	760	192
Private	10,581	8,543	92	747	774	425
U. Denver	10,581	8,543	92	747	774	425
Connecticut	692,524	483,070	9,334	24,080	96,225	79,815
Public	219,120	127,615	7,835	7,155	62,435	14,080
Central CT State U.	573	479	0	6	49	39
Southern CT State U.	2,821	1,757	655	53	352	4
U.S. Coast Guard Academy	542	542	0	0	0	0
U. CT all campuses	215,184	124,837	7,180	7,096	62,034	14,037
Private	473,404	355,455	1,499	16,925	33,790	65,735
CT C.	1,127	785	5	40	12	285
Fairfield U.	1,806	162	0	110	1,405	129
Trinity C. (Hartford, CT)	593	373	0	12	38	170
U. Hartford	1,633	891	447	68	123	104
Wesleyan U.	8,170	4,744	180	31	2,384	831
Yale U.	460,075	348,500	867	16,664	29,828	64,216
Delaware	122,001	86,146	4,989	4,584	21,723	4,559
Public	122,001	86,146	4,989	4,584	21,723	4,559
DE State U.	7,016	6,506	252	258	0	0
U. DE	114,985	79,640	4,737	4,326	21,723	4,559
District of Columbia	296,155	223,150	4,477	11,103	25,373	32,052
Public	5,065	3,813	804	0	439	9
U. DC	5,065	3,813	804	0	439	9
Private	291,090	219,337	3,673	11,103	24,934	32,043
American U.	2,410	1,678	0	732	0	0
Catholic U. America, The	17,662	13,264	16	848	3,444	90
Gallaudet U.	2,013	1,959	54	0	0	0
George Washington U.	113,982	75,209	1,096	4,973	10,176	22,528
Georgetown U.	118,558	92,268	2,163	3,388	11,314	9,425
Howard U.	36,465	34,959	344	1,162	0	0
Florida	1,527,666	816,525	169,020	122,342	351,629	68,150
Public	1,285,727	649,257	162,522	95,909	335,608	42,431
FL A&M U.	34,293	24,902	4,071	5,320	0	0
FL Atlantic U.	28,896	19,952	3,766	1,590	1,068	2,520
FL Gulf Coast U.	3,133	2,598	300	0	13	222
FL International U.	65,805	45,894	4,494	1,281	10,859	3,277
FL State U.	185,633	110,358	10,642	989	56,652	6,992
U. Central FL	107,996	37,974	17,528	17,699	34,795	0
U. FL	565,491	248,322	90,945	32,942	164,085	29,197
U. North FL	4,110	2,120	943	395	438	214
U. South FL	285,941	153,737	29,081	35,425	67,698	0
U. West FL	4,429	3,400	752	268	0	9

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Private	241,939	167,268	6,498	26,433	16,021	25,719
Embry-Riddle Aeronautical U.	13,957 i	7,518 i	638 i	5,186 i	578 i	37 i
FL Institute of Technology	7,684	6,138	699	847	0	0
Jacksonville U.	337	0	165	0	0	172
Nova Southeastern U.	6,445	3,204	1,814	0	140	1,287
U. Miami	213,516	150,408	3,182	20,400	15,303	24,223
Georgia	1,302,570	748,478	82,124	58,347	359,547	54,074
Public	888,187	425,213	68,294	44,820	324,885	24,975
Albany State U.	1,455	1,119	215	0	0	121
Ft. Valley State U.	2,570	2,570	0	0	0	0
GA Institute of Technology all campuses	440,898	257,751	12,323	37,279	128,676	4,869
GA Southern U.	1,812	1,406	204	202	0	0
GA State U.	52,690	24,968	5,391	317	18,429	3,585
Kennesaw State U.	361	222	8	60	0	71
Medical C. GA	61,174	41,555	147	988	14,824	3,660
Savannah State U.	2,342	2,342	0	0	0	0
U. GA	323,843	92,652	49,806	5,865	162,851	12,669
U. West GA	1,042	628	200	109	105	0
Private	414,383	323,265	13,830	13,527	34,662	29,099
Berry C.	240	187	4	8	6	35
Clark Atlanta U.	11,155	10,008	42	0	413	692
Emory U.	345,989	267,894	12,221	6,278	31,615	27,981
Mercer U. all campuses	19,529	11,741	159	6,091	1,538	0
Morehouse C.	6,008	5,378	0	0	239	391
Morehouse School of Medicine	28,378	25,156	1,404	967	851	0
Spelman C.	3,084	2,901	0	183	0	0
Hawaii	257,478	210,097	8,933	12,551	25,888	9
Public	257,478	210,097	8,933	12,551	25,888	9
U. HI Hilo	7,843	7,678	145	11	0	9
U. HI Manoa	249,635	202,419	8,788	12,540	25,888	0
Idaho	111,465	66,127	25,643	2,653	14,256	2,786
Public	111,465	66,127	25,643	2,653	14,256	2,786
Boise State U.	7,848	7,448	195	179	0	26
ID State U.	16,754	11,661	167	1,560	3,027	339
U. ID	86,863	47,018	25,281	914	11,229	2,421
Illinois	1,823,787	1,117,050	67,523	65,892	459,446	113,876
Public	933,924	508,991	54,015	32,790	297,757	40,371
Chicago State U.	2,119	1,994	0	0	125	0
Eastern IL U.	320 i	310 i	0 i	0 i	0 i	10 i
Governors State U.	877	680	45	0	15	137
IL State U.	4,874	3,156	426	409	883	0
Northeastern IL U.	239	40	55	42	102	0
Northern IL U.	16,627	11,696	363	1,017	3,551	0
Southern IL U. Carbondale	74,520	20,108	9,278	10,801	31,000	3,333
Southern IL U. Edwardsville	23,737	1,305	1,621	288	20,401	122
U. IL Chicago	332,176	203,875	6,462	8,604	90,951	22,284
U. IL Springfield	1,083	747	1	8	225	102
U. IL Urbana-Champaign	476,198	264,645	35,289	11,516	150,474	14,274
Western IL U.	1,154	435	475	105	30	109

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Private	889,863	608,059	13,508	33,102	161,689	73,505
Augustana C. (Rock Island, IL)	212	97	0	18	97	0
Bradley U.	1,905	405	0	1,057	443	0
DePaul U.	3,957	3,160	65	187	545	0
IL Institute of Technology	22,646	19,121	1,070	1,319	1,054	82
IL Wesleyan U.	339	113	8	8	158	52
Lake Forest C.	291	113	0	41	133	4
Loyola U. Chicago	37,669	25,420	2,188	873	4,195	4,993
Midwestern U. (Chicago, IL)	2,786	1,168	0	166	1,390	62
National U. of Health Sciences	597	460	0	0	123	14
Northwestern U.	419,985	249,980	5,112	12,199	108,208	44,486
Rosalind Franklin U. of Medicine and Science	10,981	9,507	0	912	562	0
Rush U.	83,194	45,044	0	11,588	24,712	1,850
U. Chicago	305,301	253,471	5,065	4,734	20,069	21,962
Indiana	823,286	392,583	62,201	62,684	248,207	57,611
Public	738,858	334,339	59,424	53,345	237,071	54,679
Ball State U.	8,625	5,119	483	1,072	1,951	0
IN State U. all campuses	2,271	1,147	396	505	8	215
IN U. all campuses	355,004	170,635	5,060	6,219	120,465	52,625
Purdue U. all campuses	372,958	157,438	53,485	45,549	114,647	1,839
Private	84,428	58,244	2,777	9,339	11,136	2,932
DePauw U.	211	211	0	0	0	0
Rose-Hulman Institute of Technology	4,700	1,689	45	39	0	2,927
U. of Notre Dame	78,553	55,710	2,669	9,280	10,894	0
Valparaiso U.	699	487	63	20	129	0
Wabash C.	265	147	0	0	113	5
Iowa	572,623	322,822	50,318	29,949	154,381	15,153
Public	569,560	321,574	50,315	29,738	153,082	14,851
IA State U.	221,998	104,553	40,323	10,845	61,547	4,730
U. IA	346,357	216,521	9,851	18,893	91,020	10,072
U. Northern IA	1,205	500	141	0	515	49
Private	3,063	1,248	3	211	1,299	302
Des Moines U.	899	153	0	0	710	36
Drake U.	966	416	3	211	220	116
Grinnell C.	699	180	0	0	369	150
Maharishi U. of Management	499	499	0	0	0	0
Kansas	354,376	185,728	49,150	8,762	94,745	15,991
Public	354,376	185,728	49,150	8,762	94,745	15,991
KS State U.	123,746	52,649	36,421	1,757	25,860	7,059
Pittsburg State U.	2,810	1,255	568	853	0	134
U. KS all campuses	195,947	115,522	4,670	3,365	63,767	8,623
Wichita State U.	31,873	16,302	7,491	2,787	5,118	175
Kentucky	479,282	235,781	54,237	13,653	134,893	40,718
Public	479,282	235,781	54,237	13,653	134,893	40,718
Eastern KY U.	894	447	307	13	127	0
KY State U.	3,340	3,254	53	33	0	0
Morehead State U.	1,332	997	4	29	287	15
Murray State U.	3,364	1,005	1,207	133	1,019	0
Northern KY U.	1,820	1,280	58	0	400	82

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
U. KY all campuses	323,958	151,238	44,929	9,464	97,852	20,475
U. Louisville	135,873	70,481	6,872	3,754	34,620	20,146
Western KY U.	8,701	7,079	807	227	588	0
Louisiana	539,118	240,355	105,588	20,122	122,076	50,977
Public	420,367	152,362	100,095	16,519	112,180	39,211
Grambling State U.	567	566	1	0	0	0
LA State U. and A&M C.	246,093	64,280	78,901	10,898	75,680	16,334
LA State U. Health Sciences Ctr.-New Orleans	79,927	52,437	2,989	1,847	13,122	9,532
LA State U. Shreveport	457	142	218	15	3	79
LA Tech U.	15,276	5,769	710	424	8,347	26
McNeese State U.	392	279	30	14	44	25
Nicholls State U.	1,121	374	200	20	382	145
Northwestern State U.	460	0	349	0	67	44
Southeastern LA U.	2,150	1,402	339	151	258	0
Southern U. and A&M C. all campuses	4,350	3,496	830	0	18	6
Southern U. New Orleans	592	592	0	0	0	0
U. LA Lafayette	47,308	11,596	10,586	0	12,603	12,523
U. LA Monroe	4,376	1,743	1,911	186	39	497
U. New Orleans	17,298	9,686	3,031	2,964	1,617	0
Private	118,751	87,993	5,493	3,603	9,896	11,766
Loyola U. New Orleans	372	158	72	0	128	14
Tulane U.	114,397	84,052	5,234	3,591	9,768	11,752
Xavier U. LA	3,982	3,783	187	12	0	0
Maine	120,038	57,998	8,811	4,200	42,840	6,189
Public	113,198	53,056	8,732	3,780	42,026	5,604
U. ME	93,153	41,394	6,133	3,469	39,269	2,888
U. Southern ME	20,045	11,662	2,599	311	2,757	2,716
Private	6,840	4,942	79	420	814	585
Bates C.	1,549	1,226	1	9	183	130
Bowdoin C.	2,281	1,484	2	411	384	0
Colby C.	1,482	1,054	7	0	247	174
U. New England	1,528	1,178	69	0	0	281
Maryland	2,530,231	1,861,057	63,874	72,943	373,289	159,068
Public	1,028,470	553,040	57,298	47,686	302,952	67,494
Bowie State U.	1,951	1,951	0	0	0	0
Morgan State U.	13,523	12,199	310	110	834	70
St. Mary's C. MD	417	305	80	0	0	32
Towson U.	1,038	894	45	75	0	24
Uniformed Services U. of the Health Sciences	67,716	39,461	0	0	24,776	3,479
U.S. Naval Academy	6,850	6,487	0	363	0	0
U. Baltimore	7,856	1,757	4,607	319	200	973
U. MD Baltimore	405,260	186,160	27,634	33,772	111,416	46,278
U. MD Baltimore County	65,718	44,830	2,236	1,342	12,683	4,627
U. MD Biotechnology Institute	59,297	32,005	257	949	25,097	989
U. MD Ctr. for Environmental Science	40,146	12,860	4,949	143	18,129	4,065
U. MD College Park	354,244	209,764	17,140	10,613	109,817	6,910
U. MD Eastern Shore	4,454	4,367	40	0	0	47
Private	1,501,761	1,308,017	6,576	25,257	70,337	91,574
Johns Hopkins U., The ^a	1,499,977	1,307,453	5,830	25,162	69,960	91,572

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Loyola C.	1,784 i	564 i	746 i	95 i	377 i	2 i
Massachusetts	2,158,748	1,682,351	53,406	131,683	132,945	158,363
Public	396,234	243,125	48,258	21,502	62,040	21,309
Bridgewater State C.	495	324	0	0	97	74
Fitchburg State C.	161	151	0	0	10	0
U. MA Amherst	136,057	69,642	5,684	5,934	45,773	9,024
U. MA Boston	21,056	8,610	1,662	0	7,007	3,777
U. MA Dartmouth	19,171	9,516	5,069	1,680	2,906	0
U. MA Lowell	27,635	18,741	601	4,423	3,870	0
U. MA Worcester	191,659	136,141	35,242	9,465	2,377	8,434
Private	1,762,514	1,439,226	5,148	110,181	70,905	137,054
Amherst C.	3,388	1,708	0	35	1,251	394
Boston C.	35,659	18,344	251	861	6,803	9,400
Boston U.	255,615	238,560	534	7,344	0	9,177
Brandeis U.	57,017	41,184	31	0	5,835	9,967
Clark U.	5,304	3,192	4	0	1,512	596
C. of the Holy Cross	1,254	1,078	0	11	2	163
Hampshire C.	1,145	373	0	0	0	772
Harvard U.	453,156	403,458	915	6,155	0	42,628
MA C. of Pharmacy and Health Sciences	691	292 i	0 i	83 i	26 i	290 i
MA Institute of Technology	600,748	476,362	681	75,790	10,576	37,339
Mt. Holyoke C.	2,563	1,780	21	0	88	674
New England C. of Optometry	1,711	1,125	0	176	297	113
Northeastern U.	66,495	36,071	1,428	9,595	19,401	0
Simmons C.	442	155	0	59	0	228
Smith C.	3,884	2,796	36	7	0	1,045
Tufts U.	128,965	95,964	848	8,161	8,836	15,156
Wellesley C.	4,032	2,819	242	48	0	923
Williams C.	4,074	2,141	0	0	1,031	902
Woods Hole Oceanographic Institution	121,888	101,631	117	881	12,528	6,731
Worcester Polytechnic Institute	14,483	10,193	40	975	2,719	556
Michigan	1,472,727	901,216	74,737	62,190	362,183	72,401
Public	1,461,002	893,441	74,526	61,505	360,671	70,859
Central MI U.	4,033	1,368	368	503	1,794	0
Eastern MI U.	3,580	2,611	63	270	588	48
Grand Valley State U.	3,375	332	190	0	2,431	422
MI State U.	358,097	169,116	48,665	11,699	116,006	12,611
MI Technological U.	43,081	18,757	422	4,194	18,933	775
Oakland U.	9,169	6,205	374	653	1,826	111
Saginaw Valley State U.	443	57	0	0	120	266
U. MI all campuses	800,488	565,739	9,522	32,275	153,410	39,542
Wayne State U.	220,731	118,042	14,072	9,429	63,092	16,096
Western MI U.	18,005	11,214	850	2,482	2,471	988
Private	11,725	7,775	211	685	1,512	1,542
Andrews U.	819	219	0	22	205	373
Calvin C.	1,540	543	0	145	814	38
Hope C.	2,926	1,710	0	0	349	867
Kalamazoo C.	364	257	0	30	61	16
Kettering U.	3,473	2,882	125	208	10	248
Lawrence Technological U.	2,137	1,939	31	167	0	0
U. Detroit Mercy	466	225	55	113	73	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Minnesota	605,201	331,671	53,684	27,114	110,340	82,392
Public	597,981	327,095	53,664	26,906	108,570	81,746
MN State U. Mankato	880	93	600	0	144	43
St. Cloud State U.	2,224	832	82	665	645	0
U. MN all campuses	594,877	326,170	52,982	26,241	107,781	81,703
Private	7,220	4,576	20	208	1,770	646
Augsburg C.	579	579	0	0	0	0
Carleton C.	1,785	1,323	0	45	319	98
Gustavus Adolphus C.	463	244	0	154	65	0
Macalester C.	2,351	983	0	0	1,300	68
Northwestern Health Sciences U.	820	800	0	0	0	20
St. Olaf C.	854	415	3	0	0	436
U. of St. Thomas (St. Paul, MN)	368	232	17	9	86	24
Mississippi	369,143	234,555	35,180	12,217	80,778	6,413
Public	368,211	233,650	35,180	12,217	80,751	6,413
Alcorn State U.	6,593	5,706	887	0	0	0
Jackson State U.	38,273	30,783	0	918	6,572	0
MS State U.	189,917	94,073	29,957	7,445	58,442	0
MS Valley State U.	794	794	0	0	0	0
U. MS all campuses	93,471	67,717	3,521	1,385	14,435	6,413
U. Southern MS	39,163	34,577	815	2,469	1,302	0
Private	932	905	0	0	27	0
Millsaps C.	471	471	0	0	0	0
Tougaloo C.	461	434	0	0	27	0
Missouri	900,202	608,287	33,429	20,872	189,159	48,455
Public	301,773	154,401	18,215	6,269	115,550	7,338
Lincoln U. (Jefferson City, MO)	5,395	4,367	1,028	0	0	0
Southeast MO State U.	165	98	26	3	38	0
Southwest MO State U.	5,188	4,615	212	66	0	295
Truman State U.	672	227	11	9	391	34
U. MO-Columbia	215,240	101,732	16,850	2,848	88,589	5,221
U. MO-Kansas City	26,016	15,965	0	110	9,266	675
U. MO-Rolla	37,384	22,351	5	3,148	11,082	798
U. MO-St. Louis	11,713	5,046	83	85	6,184	315
Private	598,429	453,886	15,214	14,603	73,609	41,117
A.T. Still U. of Health Sciences	1,439	273	0	42	558	566
Kansas City U. of Medicine and Biosciences	1,183	28	0	51	1,056	48
St. Louis U. all campuses	48,133	45,183	268	429	59	2,194
Washington U. St. Louis	547,674	408,402	14,946	14,081	71,936	38,309
Montana	172,622	114,201	22,218	4,029	29,923	2,251
Public	172,622	114,201	22,218	4,029	29,923	2,251
MT State U. Billings	919	760	17	79	63	0
MT State U. Bozeman	112,428	75,362	18,913	3,105	15,048	0
MT Tech of the U. MT	6,372	5,040	1,240	92	0	0
U. MT-Missoula, The	52,903	33,039	2,048	753	14,812	2,251
Nebraska	358,858	149,618	10,881	22,814	151,170	24,375
Public	333,243	139,113	7,288	14,161	148,575	24,106
U. NE Kearney	758	65	492	21	100	80

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
U. NE Lincoln	215,850	80,731	3,256	6,060	121,181	4,622
U. NE Omaha	8,623	4,509	279	104	3,652	79
U. NE Medical Ctr.	108,012	53,808	3,261	7,976	23,642	19,325
Private	25,615	10,505	3,593	8,653	2,595	269
Creighton U.	25,615	10,505	3,593	8,653	2,595	269
Nevada	194,459	137,655	7,695	3,903	41,499	3,707
Public	194,459	137,655	7,695	3,903	41,499	3,707
Desert Research Institute	38,511	30,407	2,885	750	1,637	2,832
U. NV, Las Vegas	57,031	42,772	2,125	1,287	10,847	0
U. NV, Reno	98,917	64,476	2,685	1,866	29,015	875
New Hampshire	315,394	226,846	9,425	10,361	51,694	17,068
Public	115,117	86,416	4,832	5,818	14,602	3,449
U. NH	115,117	86,416	4,832	5,818	14,602	3,449
Private	200,277	140,430	4,593	4,543	37,092	13,619
Dartmouth C.	200,277	140,430	4,593	4,543	37,092	13,619
New Jersey	858,413	454,342	57,502	42,091	234,556	69,922
Public	639,025	310,750	54,562	33,535	181,625	58,553
C. NJ, The	1,193	105	203	0	813	72
Montclair State U.	1,693	1,484	41	0	168	0
NJ Institute of Technology	77,583	35,489	5,600	6,420	25,718	4,356
Rowan U.	4,581	3,293	720	488	80	0
Rutgers, The State U. NJ all campuses	308,204	129,456	35,937	9,542	103,370	29,899
U. of Medicine and Dentistry NJ	245,771	140,923	12,061	17,085	51,476	24,226
Private	219,388	143,592	2,940	8,556	52,931	11,369
Monmouth U.	1,693	1,690	3	0	0	0
Princeton U.	188,165	117,845	1,280	6,200	51,659	11,181
Rider U.	1,287	372	0	8	719	188
Seton Hall U.	2,395	1,184	466	745	0	0
Stevens Institute of Technology	25,848	22,501	1,191	1,603	553	0
New Mexico	425,463	232,693	27,164	36,323	116,982	12,301
Public	425,463	232,693	27,164	36,323	116,982	12,301
NM Highlands U.	1,419	1,084	0	0	0	335
NM Institute of Mining and Technology	73,792	47,901	6,650	9,991	9,012	238
NM State U. all campuses	169,029	55,801	18,592	21,214	63,740	9,682
U. NM all campuses	181,223	127,907	1,922	5,118	44,230	2,046
New York	3,789,658	2,461,792	201,728	161,373	688,256	276,509
Public	1,015,114	511,022	89,611	54,058	272,435	87,988
CUNY Baruch C.	1,118	90	556	273	199	0
CUNY Brooklyn C.	4,621	3,258	9	750	450	154
CUNY C. Staten Island	2,282	1,302	379	440	161	0
CUNY Graduate Ctr.	3,913	2,544	294	0	60	1,015
CUNY Herbert H. Lehman C.	4,476	3,733	12	189	542	0
CUNY Hunter C.	31,308	18,472	3,666	76	6,521	2,573
CUNY John Jay C. of Criminal Justice	779	532	113	134	0	0
CUNY Medgar Evers C.	636	630	0	0	6	0
CUNY Queens C.	7,432	6,422	153	554	303	0
CUNY The City C.	28,593	21,408	2,918	3,824	403	40

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
CUNY York C.	1,525	1,455	0	13	57	0
SUNY Albany	274,354	103,835	62,205	16,093	75,668	16,553
SUNY Binghamton	29,635	12,213	1,492	2,788	8,007	5,135
SUNY Buffalo all campuses	297,909	153,152	12,197	18,408	81,740	32,412
SUNY C. Brockport	839	606	61	0	156	16
SUNY C. Buffalo	1,699	1,150	13	414	117	5
SUNY C. Cortland	487	201	51	44	149	42
SUNY C. Geneseo	1,036	802	38	2	170	24
SUNY C. of Environmental Science and Forestry	12,643 i	8,059 i	1,160 i	1,126 i	836 i	1,462 i
SUNY C. of Optometry	1,913	1,753	0	64	40	56
SUNY C. Old Westbury	1,765	1,570	0	111	84	0
SUNY C. Oswego	1,024	918	0	1	89	16
SUNY C. Plattsburgh	1,985	1,461	145	45	236	98
SUNY Fredonia	262	52	23	0	145	42
SUNY Health Science Ctr. Brooklyn	31,064	25,184	0	1,099	2,534	2,247
SUNY Stony Brook all campuses	234,635	112,973	3,527	5,151	92,616	20,368
SUNY Upstate Medical U.	37,181	27,247	599	2,459	1,146	5,730
Private	2,774,544	1,950,770	112,117	107,315	415,821	188,521
Albany C. of Pharmacy	2,307	524	246	1,092	445	0
Albany Medical C.	16,227	11,152	323	577	2,792	1,383
Alfred U. all campuses	6,347	2,364	1,190	1,675	1,118	0
Barnard C.	2,742	2,098	0	0	125	519
Canisius C.	434	159	0	275	0	0
Clarkson U.	16,143	8,280	1,398	2,724	3,741	0
Colgate U.	1,837	1,111	0	0	600	126
Columbia U. in the City of NY	529,945	451,187	12,511	5,708	42,615	17,924
Cornell U. all campuses	648,802	390,043	64,411	20,369	128,118	45,861
Fordham U.	6,033	2,441	488	0	2,286	818
Hamilton C. (Clinton, NY)	1,504	1,160	0	5	212	127
Hofstra U.	730	529	0	49	51	101
Ithaca C.	1,657	1,358	0	0	299	0
Long Island U. all campuses	2,880	2,088	192	325	211	64
Manhattan C.	504	294	54	156	0	0
Marist C.	545 i	545 i	0 i	0 i	0 i	0 i
Mercy C.	618	525	0	0	63	30
Mt. Sinai School of Medicine	273,216	224,911	2,371	10,768	8,446	26,720
New School, The	6,950	4,854	0	0	0	2,096
NY Institute of Technology all campuses	3,613	267	1,027	366	1,953	0
NY Medical C.	34,397	26,579	297	6,768	324	429
NY U.	284,164	189,276	4,673	7,637	36,680	45,898
Pace U. all campuses	566	408	0	0	0	158
Polytechnic U.	14,479	7,486	1,846	2,420	1,330	1,397
Rensselaer Polytechnic Institute	70,576	44,690	6,715	6,560	9,711	2,900
Rochester Institute of Technology	22,107	14,581	550	2,042	3,975	959
Rockefeller U.	215,417	93,742	361	3,218	109,828	8,268
Sarah Lawrence C.	568	434	0	0	0	134
Siena C.	447 i	447 i	0 i	0 i	0 i	0 i
Skidmore C.	772	430	0	272	70	0
St. John's U. (Jamaica, NY)	1,538	1,118	0	97	0	323
Syracuse U. all campuses	36,100	25,299	2,609	2,220	5,972	0
Teachers C. Columbia U.	11,411	6,770	0	0	0	4,641
Union C. (Schenectady, NY)	1,992	534	259	685	364	150

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
U. Rochester	366,658	278,399	10,596	29,433	32,492	15,738
Vassar C.	902	902	0	0	0	0
Yeshiva U.	189,416	153,785	0	1,874	22,000	11,757
North Carolina	1,710,496	1,083,603	138,796	202,821	240,208	45,068
Public	867,925	527,354	109,871	55,126	170,160	5,414
Appalachian State U.	2,158	1,576	92	87	310	93
East Carolina U.	14,061	10,657	1,289	1,163	0	952
Elizabeth City State U.	703	590	113	0	0	0
Fayetteville State U.	632	554	0	52	0	26
NC Agricultural and Technical State U.	23,698	15,885	96	244	7,473	0
NC Central U.	6,597	6,597	0	0	0	0
NC State U.	330,936	131,262	86,543	41,959	67,784	3,388
U. NC Asheville	3,192	1,745	685	206	88	468
U. NC Chapel Hill	443,790	329,215	17,996	7,391	89,188	0
U. NC Charlotte	18,463	10,792	1,829	3,857	1,985	0
U. NC Greensboro	6,059	5,211	216	148	95	389
U. NC Pembroke	258	160	0	0	0	98
U. NC Wilmington	13,609	9,884	469	19	3,237	0
Western Carolina U.	1,905	1,362	543	0	0	0
Winston-Salem State U.	1,864 i	1,864 i	0 i	0 i	0 i	0 i
Private	842,571	556,249	28,925	147,695	70,048	39,654
Davidson C.	296	230	26	40	0	0
Duke U.	657,080	414,419	17,906	132,996	69,103	22,656
Johnson C. Smith U.	251	251	0	0	0	0
Shaw U.	1,815	1,800	15	0	0	0
Wake Forest U.	183,129	139,549	10,978	14,659	945	16,998
North Dakota	160,095	84,509	32,349	9,165	29,191	4,881
Public	160,095	84,509	32,349	9,165	29,191	4,881
Mayville State U.	243	243	0	0	0	0
ND State U. all campuses	103,778	45,418	30,055	719	23,649	3,937
U. ND all campuses	56,074	38,848	2,294	8,446	5,542	944
Ohio	1,636,473	1,005,905	150,297	136,151	264,701	79,419
Public	1,195,108	640,168	129,019	125,359	243,182	57,380
Air Force Institute of Technology	18,783	5,212	2	294	13,275	0
Bowling Green State U. all campuses	9,912	5,408	440	489	2,885	690
Central State U.	2,320	2,263	41	16	0	0
Cleveland State U.	14,496	5,159	3,205	231	4,599	1,302
Kent State U. all campuses	11,076	8,198	735	700	1,443	0
Medical U. OH	21,567	14,607	661	412	4,933	954
Miami U. all campuses	19,229	7,874	1,339	586	8,712	718
Northeastern OH Universities C. of Medicine	5,294	2,754	133	114	1,859	434
OH State U. all campuses	652,329	315,914	97,823	106,252	103,381	28,959
OH U. all campuses	38,000	19,573	1,299	3,491	12,324	1,313
U. Akron all campuses	28,440	11,433	724	3,316	9,413	3,554
U. Cincinnati all campuses	294,150	201,742	16,478	4,859	53,194	17,877
U. Toledo	30,493	16,534	1,223	872	10,872	992
Wright State U. all campuses	47,711	22,430	4,780	3,660	16,254	587
Youngstown State U.	1,308	1,067	136	67	38	0
Private	441,365	365,737	21,278	10,792	21,519	22,039

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Case Western Reserve U.	369,264	306,980	16,148	6,277	19,050	20,809
C. Wooster	966	507	0 i	0 i	0 i	459 i
Denison U.	375	200	0	99	67	9
John Carroll U.	474	452	0	22	0	0
Oberlin C.	810	548	0	128	134	0
OH Wesleyan U.	396	271	0	0	125	0
U. Dayton	69,080	56,779	5,130	4,266	2,143	762
Oklahoma	298,175	142,598	39,099	16,843	85,401	14,234
Public	285,817	134,634	38,647	13,603	84,699	14,234
Langston U.	4,416	3,661	755	0	0	0
Northeastern State U.	1,031	833	163	0	35	0
OK State U. all campuses	100,323	37,943	25,211	4,113	32,274	782
Southeastern OK State U.	487	476	11	0	0	0
U. Central OK	841	841	0	0	0	0
U. OK all campuses	178,719	90,880	12,507	9,490	52,390	13,452
Private	12,358	7,964	452	3,240	702	0
U. Tulsa	12,358	7,964	452	3,240	702	0
Oregon	557,405	410,243	44,585	19,807	59,224	23,546
Public	553,855	408,479	44,400	19,807	58,696	22,473
Eastern OR U.	1,352	1,206	89	0	57	0
OR Health & Science U.	272,174	223,204	4,862	12,206	18,496	13,406
OR Institute of Technology	4,047	1,550	50	2,447	0	0
OR State U.	189,606	116,586	36,617	3,378	29,858	3,167
Portland State U.	28,763	18,797	2,236	987	4,516	2,227
Southern OR U.	760	553	66	55	64	22
U. OR	57,153	46,583	480	734	5,705	3,651
Private	3,550	1,764	185	0	528	1,073
Lewis and Clark C.	854	437	0	0	72	345
Pacific U.	402	263	39	0	0	100
Reed C.	1,118	598	0	0	167	353
U. Portland	801	352	146	0	28	275
Willamette U.	375	114	0	0	261	0
Pennsylvania	2,428,346	1,703,935	121,023	170,292	295,465	137,631
Public	1,255,576	841,822	88,126	103,103	190,582	31,943
Cheyney U. PA	278	278	0	0	0	0
Indiana U. PA all campuses	368	336	5	8	16	3
Lincoln U. (Lincoln University, PA)	606	606	0	0	0	0
PA State U. all campuses	644,182	367,215	69,552	89,170	117,119	1,126
Temple U.	79,736	50,904	5,125	5,210	11,632	6,865
U. Pittsburgh all campuses	530,162	422,316	13,415	8,670	61,815	23,946
West Chester U. PA	244	167	29	45	0	3
Private	1,172,770	862,113	32,897	67,189	104,883	105,688
Allegheny C.	638	207	37	0	233	161
Arcadia U.	334 i	332 i	0 i	0 i	0 i	2 i
Bryn Mawr C.	4,254	998	10	10	3,236	0
Bucknell U.	2,841	1,802	55	395	320	269
Carnegie Mellon U.	212,506	185,389	4,130	12,025	4,824	6,138
Dickinson C.	847	201	12	365	269	0
Drexel U.	96,687	68,499	3,834	2,251	18,180	3,923
Duquesne U.	8,345	3,171	207	163	4,655	149

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Franklin & Marshall C.	1,645	945	36	0	441	223
Gettysburg C.	454	350	5	28	71	0
Haverford C.	967	514	0	0	121	332
Juniata C.	289	167	15	102	0	5
King's C. (Wilkes-Barre, PA)	212	85	0	99	0	28
La Salle U.	243	101	0	0	142	0
Lafayette C.	1,612	976	9	0	627	0
Lehigh U.	33,469	18,248	9,429	1,961	3,413	418
Mercyhurst C.	819	449	131	39	200	0
Muhlenberg C.	326	326	0	0	0	0
PA C. of Optometry	1,642	1,543	50	3	0	46
Philadelphia C. of Osteopathic Medicine	1,034	681	12	49	168	124
Philadelphia U.	858	759	99	0	0	0
St. Francis U. (Loretto, PA)	4,114	4,114	0	0	0	0
St. Joseph's U.	3,037	2,566	13	0	124	334
Swarthmore C.	2,385	1,682	1	0	401	301
Thomas Jefferson U.	106,986	82,551	7,439	9,585	3,108	4,303
U. PA	676,052	478,773	6,564	38,347	64,229	88,139
U. Scranton	999	740	32	106	121	0
U. of the Sciences Philadelphia	1,260	499	116	645	0	0
Ursinus C.	562	357	160	30	0	15
Villanova U.	7,122 i	5,039 i	330 i	975 i	0 i	778 i
Wilkes U.	231	49	171	11	0	0
Rhode Island	230,104	145,172	8,032	15,731	59,801	1,368
Public	70,696	46,898	7,891	3,865	12,042	0
U. RI	70,696	46,898	7,891	3,865	12,042	0
Private	159,408	98,274	141	11,866	47,759	1,368
Brown U.	157,926	96,922	130	11,766	47,746	1,362
Providence C.	432	392	11	10	13	6
Roger Williams U. Bristol	1,050	960	0	90	0	0
South Carolina	524,034	260,269	34,467	27,447	185,371	16,480
Public	520,357	257,109	34,362	27,447	185,371	16,068
Clemson U.	179,840	56,268	29,297	12,185	78,918	3,172
Coastal Carolina U.	1,210	936	40	3	185	46
C. Charleston	5,719	3,967	93	0	1,592	67
Medical U. SC	176,055	104,057	936	12,093	56,345	2,624
SC State U.	3,796	2,587	33	0	364	812
U. SC all campuses	153,737	89,294	3,963	3,166	47,967	9,347
Private	3,677	3,160	105	0	0	412
Benedict C.	1,314	1,201	105	0	0	8
Clafflin U.	930	930	0	0	0	0
Furman U.	1,433	1,029	0	0	0	404
South Dakota	72,790	43,490	15,848	653	4,976	7,823
Public	71,105	41,855	15,848	653	4,951	7,798
Black Hills State U.	2,628	1,925	576	21	0	106
SD School of Mines and Technology	12,589	9,834	1,065	72	1,427	191
SD State U.	33,275	12,788	11,762	560	2,355	5,810
U. SD	22,613	17,308	2,445	0	1,169	1,691
Private	1,685	1,635	0	0	25	25

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Augustana C. (Sioux Falls, SD)	892	842	0	0	25	25
Sinte Gleska U.	793	793	0	0	0	0
Tennessee	742,918	486,511	64,384	27,484	124,607	39,932
Public	326,411	148,689	64,197	20,943	70,899	21,683
East TN State U.	7,943	4,713	1,467	0	173	1,590
Middle TN State U.	2,015	636	193	111	1,039	36
TN State U.	14,096	10,216	115	37	3,728	0
TN Technological U.	9,575	3,601	3,943	493	1,520	18
U. Memphis, The	43,715	15,964	2,976	445	21,269	3,061
U. TN Chattanooga	7,590	1,467	1,472	1,269	2,760	622
U. TN Martin	1,098	12	137	0	896	53
U. TN system office	240,379	112,080	53,894	18,588	39,514	16,303
Private	416,507	337,822	187	6,541	53,708	18,249
Fisk U.	6,000	6,000	0	0	0	0
Le Moyne-Owen C.	150	32	8	20	56	34
Meharry Medical C.	32,878	30,914	0	0	0	1,964
Rhodes C.	400	396	0	4	0	0
U. of the South	186	57	16	0	18	95
Vanderbilt U.	376,893	300,423	163	6,517	53,634	16,156
Texas	3,270,728	1,814,073	409,255	180,867	531,938	334,595
Public	2,716,655	1,456,984	403,647	159,331	462,839	233,854
Angelo State U.	677	69	165	39	165	239
Lamar U.	3,277	1,785	1,410	76	6	0
Prairie View A&M U.	11,444	9,067	1,851	129	397	0
Sam Houston State U.	1,958	1,115	449	28	296	70
Stephen F. Austin State U.	8,171	3,695	1,317	249	2,519	391
Sul Ross State U.	2,676	1,586	480	0	0	610
Tarleton State U.	8,069	5,488	1,654	25	636	266
TX A&M U. all campuses	492,955	206,242	115,623	33,613	127,042	10,435
TX A&M U. Commerce	858	174	284	128	74	198
TX A&M U. Corpus Christi	12,654	7,798	2,539	44	633	1,640
TX A&M U. Kingsville	13,343	4,625	1,020	131	6,760	807
TX A&M U. System Health Science Ctr.	76,109	35,214	1,502	5,467	21,321	12,605
TX Southern U.	4,299	4,225	0	73	1	0
TX State U. San Marcos	7,034	1,872	2,359	1,266	1,537	0
TX Tech U.	58,591	22,278	15,516	4,764	12,448	3,585
TX Tech U. Health Science Ctr.	22,013	9,713	317	1,116	9,087	1,780
TX Woman's U.	1,975	637	498	115	560	165
U. Houston	75,662	38,559	7,641	4,425	22,825	2,212
U. Houston-Clear Lake	789	244	381	9	30	125
U. Houston-Downtown	509	256	124	0	38	91
U. North TX	14,819	8,343	275	642	4,014	1,545
U. North TX Health Science Ctr. Ft. Worth	25,124	19,183	99	1,401	2,466	1,975
U. TX Arlington	29,267	19,006	1,674	2,740	5,847	0
U. TX Austin	431,398	273,147	24,087	32,637	78,412	23,115
U. TX Dallas	44,198	19,954	15,506	2,232	2,208	4,298
U. TX El Paso	32,161	19,331	7,776	1,795	3,259	0
U. TX Health Science Ctr. Houston	175,154	122,870	14,854	8,622	13,081	15,727
U. TX Health Science Ctr. San Antonio	150,040	95,110	7,694	7,552	27,959	11,725
U. TX M. D. Anderson Cancer Ctr.	457,696	182,028	121,682	28,020	76,287	49,679
U. TX Medical Branch	179,915	120,408	11,409	5,870	25,976	16,252

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
U. TX San Antonio	30,259	20,277	6,566	226	3,190	0
U. TX Southwestern Medical Ctr. Dallas	333,237	196,621	33,940	15,073	13,748	73,855
U. TX Tyler	795	436	0	61	4	294
U. TX-Pan American	5,006	3,139	1,681	3	13	170
West TX A&M U.	4,523	2,489	1,274	760	0	0
Private	554,073	357,089	5,608	21,536	69,099	100,741
Abilene Christian U.	241	187	0	0	17	37
Baylor C. of Medicine	462,375	287,679	3,377	16,465	61,204	93,650
Baylor U.	6,133	1,269	317	2,190	1,766	591
Jarvis Christian C.	806	553	173	0	20	60
Rice U.	66,564	53,880	1,468	1,468	4,070	5,678
Southern Methodist U.	12,475	9,303	197	361	1,889	725
St. Mary's U. (San Antonio, TX)	183	183	0	0	0	0
TX Christian U.	4,090	3,318	76	600	96	0
Trinity U.	1,206	717	0	452	37	0
Utah	412,811	288,439	20,632	13,568	65,509	24,663
Public	386,838	271,130	19,367	10,728	62,335	23,278
U. UT	248,168	174,888	1,719	8,132	45,255	18,174
UT State U.	138,670	96,242	17,648	2,596	17,080	5,104
Private	25,973	17,309	1,265	2,840	3,174	1,385
Brigham Young U. all campuses	25,973	17,309	1,265	2,840	3,174	1,385
Vermont	121,841	82,519	5,679	7,874	18,806	6,963
Public	121,841	82,519	5,679	7,874	18,806	6,963
U. VT	121,841	82,519	5,679	7,874	18,806	6,963
Virginia	946,886	578,374	104,458	40,321	177,757	45,976
Public	882,102	528,650	104,264	35,202	176,308	37,678
Christopher Newport U.	789	587	89	113	0	0
C. of William and Mary all campuses	52,025	29,121	2,928	723	17,239	2,014
George Mason U.	50,381	35,911	877	761	9,233	3,599
James Madison U.	4,799	3,576	111	0	235	877
Norfolk State U.	5,144	4,621	24	0	0	499
Old Dominion U.	49,966	27,506	3,312	2,206	16,942	0
Radford U.	262	47	134	0	81	0
U. VA all campuses	238,754	203,778	864	4,758	19,912	9,442
VA Commonwealth U.	149,256	97,576	2,580	10,282	33,254	5,564
VA Military Institute	815	120	0	448	147	100
VA Polytechnic Institute and State U.	321,722	119,994	93,316	15,911	76,918	15,583
VA State U.	8,189	5,813	29	0	2,347	0
Private	64,784	49,724	194	5,119	1,449	8,298
Eastern VA Medical School	33,013	19,399	194	4,664	485	8,271
Hampton U.	28,705	28,584	0	0	121	0
Roanoke C.	741	144	0	0	597	0
U. Richmond	1,923	1,310	0	340	246	27
Washington and Lee U.	402	287	0	115	0	0
Washington	987,623	738,341	42,391	59,838	116,419	30,634
Public	985,722	736,949	42,391	59,817	116,269	30,296
Central WA U.	2,183	1,494	79	59	382	169
Eastern WA U.	1,999	411	1,158	0	150	280

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
Evergreen State C.	548	448	0	0	0	100
U. WA	778,148	650,394	8,969	56,765	43,388	18,632
WA State U.	196,391	81,324	31,768	2,865	69,742	10,692
Western WA U.	6,453	2,878	417	128	2,607	423
Private	1,901	1,392	0	21	150	338
Heritage U. (Toppenish, WA)	254	254	0	0	0	0
Seattle U.	800 i	477 i	0 i	21 i	142 i	160 i
U. Puget Sound	431	364	0	0	8	59
Whitman C.	416	297	0	0	0	119
West Virginia	148,615	86,288	5,220	4,118	51,913	1,076
Public	144,116	81,789	5,220	4,118	51,913	1,076
Bluefield State C.	356	356	0	0	0	0
Marshall U.	18,385	15,360	1,094	52	1,800	79
West Liberty State C.	508	442	0	0	66	0
WV School of Osteopathic Medicine	266	0	0	0	266	0
WV State U.	2,467	1,867	589	11	0	0
WV U.	122,134	63,764	3,537	4,055	49,781	997
Private	4,499	4,499	0	0	0	0
Wheeling Jesuit U.	4,499 i	4,499 i	0 i	0 i	0 i	0 i
Wisconsin	1,039,530	623,799	36,584	25,427	269,651	84,069
Public	878,538	515,023	36,143	21,911	237,035	68,426
U. WI Eau Claire	1,154	844	49	11	43	207
U. WI Green Bay	1,328	950	48	195	121	14
U. WI La Crosse	2,838	1,618	154	363	566	137
U. WI Madison	831,895	491,810	31,181	20,310	223,832	64,762
U. WI Milwaukee	34,033	15,867	4,193	785	11,217	1,971
U. WI Oshkosh	1,115	692	47	83	136	157
U. WI Parkside	378	248	45	4	46	35
U. WI Platteville	605	29	219	6	212	139
U. WI River Falls	434	257	54	12	79	32
U. WI Stevens Point	2,335	945	130	8	452	800
U. WI Stout	332	184	15	0	133	0
U. WI Superior	1,844	1,360	0	134	185	165
U. WI Whitewater	247	219	8	0	13	7
Private	160,992	108,776	441	3,516	32,616	15,643
Lawrence U.	474	296	0	0	178	0
Marquette U.	10,445	7,566	45	317	1,611	906
Medical C. WI	147,140	100,128	395	1,754	30,197	14,666
Milwaukee School of Engineering	2,933	786	1	1,445	630	71
Wyoming	89,414	25,844	2,616	1,937	55,108	3,909
Public	89,414	25,844	2,616	1,937	55,108	3,909
U. WY	89,414	25,844	2,616	1,937	55,108	3,909
Guam	7,604	7,324	4	276	0	0
Public	7,604	7,324	4	276	0	0
U. GU	7,604	7,324	4	276	0	0
Puerto Rico	101,996	77,687	6,793	2,636	12,572	2,308
Public	85,542	62,805	6,504	2,074	11,854	2,305

TABLE 25. R&D expenditures at universities and colleges, by state, control, and source of funds: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
U. PR Humacao	4,429	4,080	0	0	349	0
U. PR Mayaguez Campus	21,080	10,645	3,515	823	3,821	2,276
U. PR Medical Sciences Campus	38,424	31,199	2,907	1,249	3,059	10
U. PR Rio Piedras Campus	21,609	16,881	82	2	4,625	19
Private	16,454	14,882	289	562	718	3
Carlos Albizu U. (San Juan, PR)	497	234	50	0	213	0
Ponce School of Medicine	5,573	5,022	0	551	0	0
Universidad Central del Caribe	8,790	8,206	187	0	394	3
Universidad del Este	432	363	0	0	69	0
Universidad del Turabo	864	759	52	11	42	0
Universidad Metropolitana	298	298	0	0	0	0
Virgin Islands	17,495	12,518	3,124	1,853	0	0
Public	17,495	12,518	3,124	1,853	0	0
U. of the VI	17,495	12,518	3,124	1,853	0	0

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
United States	47,760,402	2,601,993	28,831,208	1,967,831	3,823,362	874,831	1,703,365	881,630	7,076,182
Public	32,356,705	2,104,267	18,645,465	1,241,518	2,620,223	652,127	1,356,279	696,200	5,040,626
Private	15,403,697	497,726	10,185,743	726,313	1,203,139	222,704	347,086	185,430	2,035,556
Alabama	601,881	14,184	431,751	17,115	25,581	9,284	8,481	7,843	87,642
Public	589,673	14,180	423,485	17,098	25,155	9,284	6,151	7,843	86,477
AL A&M U.	14,431	0	9,443	3	2,479	0	0	2,208	298
AL State U.	1,900	0	1,612	215	0	0	73	0	0
Auburn U. all campuses	126,522	1,593	80,290	272	4,257	586	2,090	4,637	32,797
Jacksonville State U.	1,470	252	1,218	0	0	0	0	0	0
Troy U. main campus	246	0	51	37	148	1	9	0	0
U. AL, The	35,129	1,612	3,860	6,534	3,489	2,083	1,955	998	14,598
U. AL Birmingham, The	331,436	0	312,118	981	3,664	6,173	477	0	8,023
U. AL Huntsville, The	59,231	8,898	1,651	8,939	10,891	25	691	0	28,136
U. South AL	19,308	1,825	13,242	117	227	416	856	0	2,625
Private	12,208	4	8,266	17	426	0	2,330	0	1,165
Oakwood C.	557 i	4 i	343 i	17 i	193 i	0 i	0 i	0 i	0 i
Tuskegee U.	11,651	0	7,923	0	233	0	2,330	0	1,165
Alaska	163,034	81,810	38,094	6,216	124	422	3,922	13,023	19,423
Public	163,034	81,810	38,094	6,216	124	422	3,922	13,023	19,423
U. AK Anchorage all campuses	8,844	856	4,062	0	9	148	3,013	534	222
U. AK Fairbanks all campuses	153,470	80,804	33,673	6,216	2	274	894	12,414	19,193
U. AK Southeast all campuses	720	150	359	0	113	0	15	75	8
Arizona	765,434	27,756	319,316	28,007	169,514	18,177	44,379	5,549	152,736
Public	765,434	27,756	319,316	28,007	169,514	18,177	44,379	5,549	152,736
AZ State U. main campus	201,955	12,277	46,523	16,367	19,051	10,821	19,957	5,480	71,479
Northern AZ U.	27,632	4,091	19,484	93	1,838	27	972	30	1,097
U. AZ	535,847	11,388	253,309	11,547	148,625	7,329	23,450	39	80,160
Arkansas	237,233	3,910	179,324	4,181	16,021	1,319	8,191	428	23,859
Public	236,548	3,854	179,155	4,181	15,640	1,319	8,191	428	23,780
AR State U. main campus	6,007	0	2,302	12	3,559	25	23	4	82
AR Tech U.	292	136 i	71 i	0 i	0 i	0 i	0 i	72 i	13 i
U. AR for Medical Sciences	107,871	0	107,871	0	0	0	0	0	0
U. AR Little Rock	9,331	241 i	1,070 i	2,265 i	457 i	694 i	3,817 i	0 i	787 i
U. AR main campus	99,271	2,343	59,420	1,287	10,322	401	3,822	0	21,676

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. AR Pine Bluff	6,774	0	6,318	0	441	0	15	0	0
U. Central AR	7,002	1,134 i	2,103 i	617 i	861 i	199 i	514 i	352 i	1,222 i
Private	685	56	169	0	381	0	0	0	79
Hendrix C.	685	56	169	0	381	0	0	0	79
California	6,493,388	370,629	3,945,593	309,139	652,824	80,892	185,986	152,057	796,268
Public	4,621,898	314,293	2,800,756	165,547	418,675	65,191	162,233	136,549	558,654
CA State Polytechnic U. Pomona	2,502	0	2,128	0	0	0	0	0	374
CA State Polytechnic U. San Luis Obispo	12,529	2,603	5,221	758	405	37	104	2,116	1,285
CA State U. Bakersfield	6,379	245	4,823	185	298	0	828	0	0
CA State U. Chico	2,767 i	391 i	1,113 i	149 i	146 i	9 i	194 i	0 i	765 i
CA State U. Dominguez Hills	3,190	195	854	1,534	143	104	360	0	0
CA State U. East Bay	2,833	377	942	261	776	4	258	0	215
CA State U. Fresno	9,749	152	8,984	15	164	252	119	0	63
CA State U. Fullerton	4,522	650	2,027	7	111	97	1,471	0	159
CA State U. Long Beach	10,322	186	3,138	888	901	579	39	107	4,484
CA State U. Los Angeles	8,956	1,009	1,461	159	4,242	183	272	0	1,630
CA State U. Monterey Bay	4,107	3,372	705	30	0	0	0	0	0
CA State U. Northridge	7,490	1,099	636	1,085	1,394	911	184	1,510	671
CA State U. Sacramento	4,372 i	815 i	1,418 i	328 i	606 i	312 i	371 i	217 i	305 i
CA State U. San Bernardino	11,120	121	530	1,001	350	687	593	7,683	155
Humboldt State U.	6,500	264	4,266	218	1	1	748	0	1,002
Naval Postgraduate School	56,780	14,604	0	7,896	5,047	0	3,061	13,653	12,519
San Diego State U.	73,777	3,931	27,140	1,728	3,942	9,268	7,038	6,871	13,859
San Francisco State U.	27,333	7,607	6,871	1,306	2,954	1,894	2,979	3,558	164
San Jose State U.	34,687	17,949	482	1,733	2,143	8,471	286	1,415	2,208
Sonoma State U.	637	56	442	2	12	5	31	0	89
U. CA Office of the President	128,770	14,439	54,580	2,243	19,053	0	170	37,981	304
U. CA, Berkeley	546,035	9,996	180,737	8,627	106,207	9,501	49,930	33,162	147,875
U. CA, Davis	573,002	26,234	425,934	11,622	24,141	1,745	21,085	3,037	59,204
U. CA, Irvine	300,229	5,689	194,827	15,014	31,837	4,380	10,248	3,012	35,222
U. CA, Los Angeles	811,493	11,098	609,514	22,596	59,431	11,546	35,661	9,559	52,088
U. CA, Merced	7,527	782	2,333	144	1,014	0	537	0	2,717
U. CA, Riverside	124,820	13,679	64,407	3,238	9,258	1,834	2,145	1,538	28,721
U. CA, San Diego	754,766	127,469	404,236	68,181	49,841	7,886	11,690	1,983	83,480
U. CA, San Francisco	796,149	0	770,485	0	25,664	0	0	0	0
U. CA, Santa Barbara	174,429	29,108	5,737	11,824	30,624	3,760	7,565	8,888	76,923
U. CA, Santa Cruz	114,126	20,173	14,785	2,775	37,970	1,725	4,266	259	32,173

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Private	1,871,490	56,336	1,144,837	143,592	234,149	15,701	23,753	15,508	237,614
CA Institute of Technology	270,269	16,357	44,259	11,301	148,686	0	1,339	11,463	36,864
Chapman U.	833	94	354	94	9	0	198	84	0
Charles R. Drew U. of Medicine and Science	47,188	0	47,188	0	0	0	0	0	0
Claremont Graduate U.	3,100	0	0	513	0	1,779	808	0	0
Fuller Theological Seminary CA	729	0	0	0	0	729	0	0	0
Harvey Mudd C.	2,301	10	177	521	693	0	10	426	464
Loma Linda U.	32,451	0	32,234	0	0	0	217	0	0
Loyola Marymount U.	1,599	59	268	151	101	272	56	0	692
Mills C.	550 i	43 i	132 i	60 i	206 i	20 i	21 i	26 i	42 i
Mt. St. Mary's C. (Los Angeles, CA)	581	0	462	0	119	0	0	0	0
Occidental C.	1,449	167	280	0	357	6	434	205	0
Pitzer C.	269	0	1	75	0	84	109	0	0
Point Loma Nazarene C.	376	0	183	0	193	0	0	0	0
Pomona C.	2,584	86	847	292	398	576	385	0	0
Santa Clara U.	1,684 i	47 i	1,168 i	79 i	145 i	25 i	25 i	11 i	184 i
Scripps Research Institute, The	367,375	0	367,375	0	0	0	0	0	0
Stanford U.	679,196	19,803	389,093	29,549	73,010	6,701	12,352	0	148,688
U. Redlands	1,172	1,075	28	0	63	0	6	0	0
U. San Diego	499	99	192	0	205	0	0	0	3
U. San Francisco	1,376	271	137	21	123	168	78	578	0
U. Southern CA	450,173	18,225	256,515	100,879	9,336	5,341	7,715	2,715	49,447
U. of the Pacific	4,161	0	2,369	57	505	0	0	0	1,230
Western U. of Health Sciences	1,575	0	1,575	0	0	0	0	0	0
Colorado	820,565	177,769	403,333	16,369	88,505	19,507	12,363	18,533	84,186
Public	809,984	177,757	400,545	16,313	85,610	17,383	12,173	18,533	81,670
CO School of Mines	28,729	1,759	0	166	5,834	0	25	5,906	15,039
CO State U.	253,992	84,894	110,143	5,847	11,904	3,330	3,420	9,366	25,088
CO State U. Pueblo	586	0	303	0	188	0	0	0	95
Ft. Lewis C.	770	49	187	68	347	0	95	0	24
U.S. Air Force Academy	10,547	0	1,139	252	2,941	0	148	1,364	4,703
U. CO Boulder	250,255	90,614	32,299	8,391	62,026	13,388	7,353	1,434	34,750
U. CO Colorado Springs	4,509	34	355	809	1,288	496	141	0	1,386
U. CO at Denver and Health Sciences Ctr.	258,030	183	255,329	702	280	157	794	0	585
U. Northern CO	2,566	224	790	78	802	12	197	463	0
Private	10,581	12	2,788	56	2,895	2,124	190	0	2,516

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. Denver	10,581	12	2,788	56	2,895	2,124	190	0	2,516
Connecticut	692,524	14,252	562,523	11,329	34,849	24,107	12,300	462	32,702
Public	219,120	8,944	155,752	4,571	9,560	14,863	6,982	225	18,223
Central CT State U.	573	0	119	0	218	7	229	0	0
Southern CT State U.	2,821 i	75 i	998 i	72 i	993 i	231 i	399 i	53 i	0 i
U.S. Coast Guard Academy	542	0	0	3	0	0	2	0	537
U. CT all campuses	215,184	8,869	154,635	4,496	8,349	14,625	6,352	172	17,686
Private	473,404	5,308	406,771	6,758	25,289	9,244	5,318	237	14,479
CT C.	1,127	0	339	3	605	55	125	0	0
Fairfield U.	1,806	0	345	117	295	238	522	237	52
Trinity C. (Hartford, CT)	593	84	191	58	64	109	33	0	54
U. Hartford	1,633	0	112	125	25	0	341	0	1,030
Wesleyan U.	8,170	439	3,724	172	2,433	995	407	0	0
Yale U.	460,075	4,785	402,060	6,283	21,867	7,847	3,890	0	13,343
Delaware	122,001	12,532	33,463	3,729	15,638	3,743	6,800	6,489	39,607
Public	122,001	12,532	33,463	3,729	15,638	3,743	6,800	6,489	39,607
DE State U.	7,016	0	4,867	788	1,080	14	233	0	34
U. DE	114,985	12,532	28,596	2,941	14,558	3,729	6,567	6,489	39,573
District of Columbia	296,155	360	179,321	41,745	25,454	5,603	23,875	2,691	17,106
Public	5,065	243	2,107	32	462	0	1,012	265	944
U. DC	5,065	243	2,107	32	462	0	1,012	265	944
Private	291,090	117	177,214	41,713	24,992	5,603	22,863	2,426	16,162
American U.	2,410	0	76	58	785	309	1,182	0	0
Catholic U. America, The	17,662	0	1,502	0	14,026	492	179	7	1,456
Gallaudet U.	2,013	0	467	0	0	1,476	54	16	0
George Washington U.	113,982	117	44,856	41,325	4,094	1,820	11,842	23	9,905
Georgetown U.	118,558	0	105,029	157	3,278	1,386	8,708	0	0
Howard U.	36,465	0	25,284	173	2,809	120	898	2,380	4,801
Florida	1,527,666	150,441	814,239	43,863	152,622	47,894	51,620	28,748	238,239
Public	1,285,727	94,970	663,494	42,075	147,627	38,670	49,139	25,302	224,450
FL A&M U.	34,293	4,236	20,206	980	3,962	83	0	399	4,427
FL Atlantic U.	28,896	1,004	8,269	2,614	4,507	646	878	0	10,978
FL Gulf Coast U.	3,133	1,796	863	0	471	0	0	3	0
FL International U.	65,805	5,364	12,041	4,313	9,907	1,216	4,600	10,664	17,700

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
FL State U.	185,633	25,531	30,403	10,915	53,752	15,108	16,481	682	32,761
U. Central FL	107,996	14,513	4,945	10,162	34,009	1,579	1,257	12,645	28,886
U. FL	565,491	10,281	390,097	10,412	33,892	12,103	15,743	0	92,963
U. North FL	4,110	9	980	208	1,247	94	615	0	957
U. South FL	285,941	32,230	193,977	773	5,857	7,631	8,868	827	35,778
U. West FL	4,429	6	1,713	1,698	23	210	697	82	0
Private	241,939	55,471	150,745	1,788	4,995	9,224	2,481	3,446	13,789
Embry-Riddle Aeronautical U.	13,957 i	1,343 i	0 i	336 i	56 i	72 i	72 i	3,305 i	8,773 i
FL Institute of Technology	7,684	1,064	1,296	942	2,404	135	0	0	1,843
Jacksonville U.	337	0	165	0	131	0	41	0	0
Nova Southeastern U.	6,445	3,579	2,024	0	0	701	0	141	0
U. Miami	213,516	49,485	147,260	510	2,404	8,316	2,368	0	3,173
Georgia	1,302,570	34,098	698,145	67,948	76,676	33,591	68,402	4,603	319,107
Public	888,187	34,073	328,800	65,680	60,213	30,767	61,484	3,808	303,362
Albany State U.	1,455	628	0	0	0	0	0	0	827
Ft. Valley State U.	2,570	0	2,570	0	0	0	0	0	0
GA Institute of Technology all campuses	440,898	16,422	19,064	53,756	35,570	5,382	13,089	3,149	294,466
GA Southern U.	1,812	411	1,053	124	203	21	0	0	0
GA State U.	52,690	299	19,700	2,196	7,668	11,747	10,421	659	0
Kennesaw State U.	361	0	157	175	29	0	0	0	0
Medical C. GA	61,174	0	61,174	0	0	0	0	0	0
Savannah State U.	2,342	1,392	381	0	0	0	0	0	569
U. GA	323,843	14,521	224,426	9,396	16,439	13,617	37,944	0	7,500
U. West GA	1,042	400	275	33	304	0	30	0	0
Private	414,383	25	369,345	2,268	16,463	2,824	6,918	795	15,745
Berry C.	240	23	86	41	15	75	0	0	0
Clark Atlanta U.	11,155	0	3,452	1,214	4,326	99	473	795	796
Emory U.	345,989	2	330,039	604	10,627	2,008	2,709	0	0
Mercer U. all campuses	19,529	0	4,420	0	119	0	41	0	14,949
Morehouse C.	6,008	0	1,081	24	733	483	3,687	0	0
Morehouse School of Medicine	28,378	0	28,378	0	0	0	0	0	0
Spelman C.	3,084	0	1,889	385	643	159	8	0	0
Hawaii	257,478	64,209	85,751	21,344	40,645	858	6,740	26,432	11,499
Public	257,478	64,209	85,751	21,344	40,645	858	6,740	26,432	11,499
U. HI Hilo	7,843	3,597	1,771	92	345	0	0	1,978	60
U. HI Manoa	249,635	60,612	83,980	21,252	40,300	858	6,740	24,454	11,439

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Idaho	111,465	8,767	63,629	2,307	10,091	74	2,844	4,235	19,518
Public	111,465	8,767	63,629	2,307	10,091	74	2,844	4,235	19,518
Boise State U.	7,848	1,847	1,982	114	505	0	101	0	3,299
ID State U.	16,754	1,950	5,935	715	6,095	9	308	1,159	583
U. ID	86,863	4,970	55,712	1,478	3,491	65	2,435	3,076	15,636
Illinois	1,823,787	56,225	1,103,666	132,910	158,055	40,748	51,932	34,742	245,509
Public	933,924	47,553	447,164	103,900	78,800	23,624	38,122	23,301	171,460
Chicago State U.	2,119	0	0	0	0	0	0	2,119	0
Eastern IL U.	320 i	58 i	102 i	27 i	45 i	36 i	18 i	14 i	20 i
Governors State U.	877	0	748	53	8	0	68	0	0
IL State U.	4,874	80	3,547	108	837	44	105	153	0
Northeastern IL U.	239	40	65	44	5	25	16	44	0
Northern IL U.	16,627	856	2,759	649	5,263	2,289	508	0	4,303
Southern IL U. Carbondale	74,520	2,344	40,662	584	1,410	1,157	2,940	5,762	19,661
Southern IL U. Edwardsville	23,737	1,111	12,557	2,226	1,355	0	1,093	2,899	2,496
U. IL Chicago	332,176	1,369	257,615	15,072	12,700	6,562	11,004	8,245	19,609
U. IL Springfield	1,083	7	4	0	45	0	1,016	11	0
U. IL Urbana-Champaign	476,198	41,592	128,733	85,137	56,693	13,511	21,107	4,054	125,371
Western IL U.	1,154	96	372	0	439	0	247	0	0
Private	889,863	8,672	656,502	29,010	79,255	17,124	13,810	11,441	74,049
Augustana C. (Rock Island, IL)	212	61	54	0	0	0	0	97	0
Bradley U.	1,905	0	172	40	488	0	13	0	1,192
DePaul U.	3,957	73	155	934	69	2,457	254	15	0
IL Institute of Technology	22,646	0	7,549	2,253	3,754	1,024	0	0	8,066
IL Wesleyan U.	339	0	134	25	82	23	11	64	0
Lake Forest C.	291	0	142	48	30	22	49	0	0
Loyola U. Chicago	37,669	0	35,999	35	239	508	186	702	0
Midwestern U. (Chicago, IL)	2,786	0	2,786	0	0	0	0	0	0
National U. of Health Sciences	597	0	597	0	0	0	0	0	0
Northwestern U.	419,985	3,690	300,157	3,642	25,473	3,733	7,936	10,563	64,791
Rosalind Franklin U. of Medicine and Science	10,981	0	10,963	0	0	18	0	0	0
Rush U.	83,194	0	81,159	0	0	2,035	0	0	0
U. Chicago	305,301	4,848	216,635	22,033	49,120	7,304	5,361	0	0
Indiana	823,286	12,071	423,758	35,382	91,097	25,493	57,805	36,490	141,190
Public	738,858	12,053	408,948	29,345	69,563	20,717	51,005	23,915	123,312

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Ball State U.	8,625	461	4,991	866	712	36	924	303	332
IN State U. all campuses	2,271	711	540	0	326	364	330	0	0
IN U. all campuses	355,004	4,671	227,786	15,887	46,233	15,732	31,397	8,427	4,871
Purdue U. all campuses	372,958	6,210	175,631	12,592	22,292	4,585	18,354	15,185	118,109
Private	84,428	18	14,810	6,037	21,534	4,776	6,800	12,575	17,878
DePauw U.	211 i	18 i	50 i	14 i	63 i	10 i	4 i	19 i	33 i
Rose-Hulman Institute of Technology	4,700	0	0	1,073	1,791	0	0	0	1,836
U. of Notre Dame	78,553	0	14,692	4,798	19,026	4,756	6,793	12,538	15,950
Valparaiso U.	699	0	24	74	536	6	0	0	59
Wabash C.	265	0	44	78	118	4	3	18	0
Iowa	572,623	8,823	387,589	19,175	29,820	9,597	25,111	6,711	85,797
Public	569,560	8,762	385,916	18,926	29,440	9,400	24,999	6,320	85,797
IA State U.	221,998	6,422	111,494	16,096	11,010	1,008	18,430	5,812	51,726
U. IA	346,357	2,009	274,029	2,796	18,338	8,392	6,214	508	34,071
U. Northern IA	1,205	331	393	34	92	0	355	0	0
Private	3,063	61	1,673	249	380	197	112	391	0
Des Moines U.	899	0	899	0	0	0	0	0	0
Drake U.	966	61	157	3	279	36	39	391	0
Grinnell C.	699	0	118	246	101	161	73	0	0
Maharishi U. of Management	499	0	499	0	0	0	0	0	0
Kansas	354,376	15,971	218,415	4,180	21,719	4,678	18,485	10,774	60,154
Public	354,376	15,971	218,415	4,180	21,719	4,678	18,485	10,774	60,154
KS State U.	123,746	725	79,617	2,712	8,053	931	4,241	8,630	18,837
Pittsburg State U.	2,810	0	209	0	52	0	0	0	2,549
U. KS all campuses	195,947	15,204	137,286	1,227	11,660	1,125	10,417	2,144	16,884
Wichita State U.	31,873	42	1,303	241	1,954	2,622	3,827	0	21,884
Kentucky	479,282	6,410	348,310	11,207	19,829	13,164	10,753	9,179	60,430
Public	479,282	6,410	348,310	11,207	19,829	13,164	10,753	9,179	60,430
Eastern KY U.	894	34	273	0	327	0	252	8	0
KY State U.	3,340	0	3,297	0	0	0	0	0	43
Morehead State U.	1,332	29	321	0	133	272	532	45	0
Murray State U.	3,364	471	1,977	123	172	1	580	0	40
Northern KY U.	1,820	0	652	36	636	275	221	0	0
U. KY all campuses	323,958	5,010	230,681	10,065	9,630	7,870	7,870	8,596	44,236
U. Louisville	135,873	583	108,833	919	3,342	4,348	1,298	530	16,020

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Western KY U.	8,701	283	2,276	64	5,589	398	0	0	91
Louisiana	539,118	36,048	359,347	15,770	31,743	4,193	15,347	18,431	58,239
Public	420,367	35,550	255,320	13,890	28,340	3,926	12,088	18,431	52,822
Grambling State U.	567	0	237	0	330	0	0	0	0
LA State U. and A&M C.	246,093	30,849	137,761	4,206	18,235	908	6,440	12,106	35,588
LA State U. Health Sciences Ctr.-New Orleans	79,927	0	79,927	0	0	0	0	0	0
LA State U. Shreveport	457	0	145	217	20	0	75	0	0
LA Tech U.	15,276	210	3,399	1,590	1,380	217	575	0	7,905
McNeese State U.	392	258	29	30	43	20	2	0	10
Nicholls State U.	1,121	0	404	32	1	250	0	132	302
Northwestern State U.	460	0	248	0	0	0	212	0	0
Southeastern LA U.	2,150	0	1,672	0	466	0	12	0	0
Southern U. and A&M C. all campuses	4,350	1,844	565	54	960	0	647	0	280
Southern U. New Orleans	592	0	56	0	0	0	0	536	0
U. LA Lafayette	47,308	194	26,583	7,012	782	1,632	1,241	5,378	4,486
U. LA Monroe	4,376	21	2,221	0	0	0	2,134	0	0
U. New Orleans	17,298	2,174	2,073	749	6,123	899	750	279	4,251
Private	118,751	498	104,027	1,880	3,403	267	3,259	0	5,417
Loyola U. New Orleans	372	0	214	9	139	2	8	0	0
Tulane U.	114,397	498	101,539	1,572	1,987	265	3,251	0	5,285
Xavier U. LA	3,982	0	2,274	299	1,277	0	0	0	132
Maine	120,038	23,006	45,887	2,511	5,774	1,542	21,334	5,040	14,944
Public	113,198	21,800	42,252	2,223	4,681	1,366	20,952	4,980	14,944
U. ME	93,153	20,470	37,181	1,861	4,658	1,366	7,731	4,980	14,906
U. Southern ME	20,045	1,330	5,071	362	23	0	13,221	0	38
Private	6,840	1,206	3,635	288	1,093	176	382	60	0
Bates C.	1,549	219	763	7	479	0	21	60	0
Bowdoin C.	2,281	589	1,074	86	344	100	88	0	0
Colby C.	1,482	93	575	195	270	76	273	0	0
U. New England	1,528	305	1,223	0	0	0	0	0	0
Maryland	2,530,231	131,188	1,293,406	149,914	209,900	18,891	103,349	46,117	577,466
Public	1,028,470	90,932	590,477	51,780	69,539	11,217	98,117	6,172	110,236
Bowie State U.	1,951	0	124	1,827	0	0	0	0	0
Morgan State U.	13,523	0	2,296	2,363	929	0	715	0	7,220
St. Mary's C. MD	417	0	203	3	25	179	7	0	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Towson U.	1,038	0	226	306	394	10	102	0	0
Uniformed Services U. of the Health Sciences	67,716	0	63,175	0	0	4,541	0	0	0
U.S. Naval Academy	6,850	90	0	864	1,359	0	275	0	4,262
U. Baltimore	7,856	0	0	0	0	0	7,856	0	0
U. MD Baltimore	405,260	0	405,260	0	0	0	0	0	0
U. MD Baltimore County	65,718	22,118	10,110	2,956	5,599	2,177	6,226	6,172	10,360
U. MD Biotechnology Institute	59,297	12,285	47,012	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	40,146	40,146	0	0	0	0	0	0	0
U. MD College Park	354,244	13,893	60,333	43,461	60,990	4,310	82,936	0	88,321
U. MD Eastern Shore	4,454	2,400	1,738	0	243	0	0	0	73
Private	1,501,761	40,256	702,929	98,134	140,361	7,674	5,232	39,945	467,230
Johns Hopkins U., The ^a	1,499,977	40,256	702,207	97,431	140,183	7,674	5,051	39,945	467,230
Loyola C.	1,784 i	0 i	722 i	703 i	178 i	0 i	181 i	0 i	0 i
Massachusetts	2,158,748	191,482	1,057,381	100,654	261,201	38,425	81,447	45,213	382,945
Public	396,234	20,843	242,695	22,974	39,876	8,120	16,184	3,718	41,824
Bridgewater State C.	495	74	23	6	354	11	27	0	0
Fitchburg State C.	161	0	160	1	0	0	0	0	0
U. MA Amherst	136,057	4,938	42,797	20,385	29,363	5,977	3,434	862	28,301
U. MA Boston	21,056	2,250	2,626	602	970	1,758	10,114	2,612	124
U. MA Dartmouth	19,171	9,565	1,319	1,298	1,422	123	567	0	4,877
U. MA Lowell	27,635	4,016	4,111	682	7,767	251	2,042	244	8,522
U. MA Worcester	191,659	0	191,659	0	0	0	0	0	0
Private	1,762,514	170,639	814,686	77,680	221,325	30,305	65,263	41,495	341,121
Amherst C.	3,388	377	829	119	1,277	390	396	0	0
Boston C.	35,659	7,432	4,885	5,937	8,377	1,136	7,892	0	0
Boston U.	255,615	4,857	169,662	3,702	24,799	7,687	1,337	18,599	24,972
Brandeis U.	57,017	0	27,465	1,923	8,408	2,972	16,249	0	0
Clark U.	5,304	1,804	1,455	0	858	658	424	105	0
C. of the Holy Cross	1,254	0	261	152	437	390	14	0	0
Hampshire C.	1,145	107	148	17	128	178	0	16	551
Harvard U.	453,156	26,616	312,303	3,666	57,415	7,660	22,645	0	22,851
MA C. of Pharmacy and Health Sciences	691	0 i	601 i	0 i	0 i	0 i	0 i	90 i	0 i
MA Institute of Technology	600,748	27,267	172,631	53,872	98,367	1,263	7,098	20,207	220,043
Mt. Holyoke C.	2,563	424	367	797	805	73	97	0	0
New England C. of Optometry	1,711	0	1,711	0	0	0	0	0	0
Northeastern U.	66,495	425	17,354	2,764	13,189	2,373	3,496	0	26,894

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Simmons C.	442	0	99	0	1	0	228	114	0
Smith C.	3,884	88	1,487	338	420	436	55	20	1,040
Tufts U.	128,965	864	101,279	1,893	4,542	4,966	4,472	0	10,949
Wellesley C.	4,032	17	781	31	645	55	319	2,184	0
Williams C.	4,074	103 i	934 i	340 i	723 i	68 i	274 i	160 i	1,472 i
Woods Hole Oceanographic Institution	121,888	100,258	0	0	0	0	0	0	21,630
Worcester Polytechnic Institute	14,483	0	434	2,129	934	0	267	0	10,719
Michigan	1,472,727	24,712	892,712	31,120	124,194	25,036	133,577	5,108	236,268
Public	1,461,002	24,461	890,577	30,392	122,217	24,880	132,939	5,099	230,437
Central MI U.	4,033	263	784	363	1,191	359	201	826	46
Eastern MI U.	3,580	13	896	98	425	239	388	0	1,521
Grand Valley State U.	3,375	2,072	447	12	126	13	113	0	592
MI State U.	358,097	1,071	222,066	8,678	55,319	6,818	34,646	980	28,519
MI Technological U.	43,081	8,238	872	2,896	3,416	0	926	1,107	25,626
Oakland U.	9,169	0	3,099	796	2,435	66	0	10	2,763
Saginaw Valley State U.	443	1	57	86	38	0	139	0	122
U. MI all campuses	800,488	11,285	481,245	12,410	40,860	12,474	89,913	645	151,656
Wayne State U.	220,731	109	177,619	2,215	13,411	4,713	6,028	1,531	15,105
Western MI U.	18,005	1,409	3,492	2,838	4,996	198	585	0	4,487
Private	11,725	251	2,135	728	1,977	156	638	9	5,831
Andrews U.	819	0	50	164	76	4	524	0	1
Calvin C.	1,540	62	400	239	578	141	79	0	41
Hope C.	2,926	180	1,409	252	967	3	0	0	115
Kalamazoo C.	364	0	186	45	115	8	10	0	0
Kettering U.	3,473	9	0	28	19	0	0	9	3,408
Lawrence Technological U.	2,137	0	0	0	0	0	0	0	2,137
U. Detroit Mercy	466	0	90	0	222	0	25	0	129
Minnesota	605,201	16,298	438,527	24,595	29,860	13,445	26,934	26	55,516
Public	597,981	14,502	436,132	24,093	28,169	13,179	26,394	26	55,486
MN State U. Mankato	880	0	442	98	9	9	85	26	211
St. Cloud State U.	2,224	28	829	34	159	5	1,024	0	145
U. MN all campuses	594,877	14,474	434,861	23,961	28,001	13,165	25,285	0	55,130
Private	7,220	1,796	2,395	502	1,691	266	540	0	30
Augsburg C.	579	417	0	77	79	0	0	0	6
Carleton C.	1,785	884	223	140	499	39	0	0	0
Gustavus Adolphus C.	463	123	168	17	145	2	8	0	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Macalester C.	2,351	372	434	174	617	223	531	0	0
Northwestern Health Sciences U.	820	0	820	0	0	0	0	0	0
St. Olaf C.	854	0	639	0	215	0	0	0	0
U. of St. Thomas (St. Paul, MN)	368	0	111	94	136	2	1	0	24
Mississippi	369,143	24,761	190,376	15,415	44,950	8,923	6,599	17,225	60,894
Public	368,211	24,761	189,572	15,403	44,849	8,923	6,599	17,210	60,894
Alcorn State U.	6,593	0	6,593	0	0	0	0	0	0
Jackson State U.	38,273	5,065	11,047	4,504	4,770	771	308	8,827	2,981
MS State U.	189,917	5,017	98,183	10,369	11,262	7,805	4,948	4,521	47,812
MS Valley State U.	794	0	102	191	26	0	0	0	475
U. MS all campuses	93,471	317	64,905	63	18,884	103	886	0	8,313
U. Southern MS	39,163	14,362	8,742	276	9,907	244	457	3,862	1,313
Private	932	0	804	12	101	0	0	15	0
Millsaps C.	471	0	471	0	0	0	0	0	0
Tougaloo C.	461	0	333	12	101	0	0	15	0
Missouri	900,202	13,368	739,147	12,432	36,149	15,890	21,416	1,758	60,042
Public	301,773	7,528	199,635	4,238	18,600	9,928	15,409	1,656	44,779
Lincoln U. (Jefferson City, MO)	5,395	819	2,797	0	0	0	518	1,261	0
Southeast MO State U.	165	0	125	0	31	2	6	0	1
Southwest MO State U.	5,188	223	735	27	4,174	0	9	20	0
Truman State U.	672	0	126	110	61	0	0	375	0
U. MO-Columbia	215,240	1,909	169,710	3,461	6,385	7,246	10,657	0	15,872
U. MO-Kansas City	26,016	0	20,764	163	1,754	1,977	384	0	974
U. MO-Rolla	37,384	4,577	714	204	3,909	25	23	0	27,932
U. MO-St. Louis	11,713	0	4,664	273	2,286	678	3,812	0	0
Private	598,429	5,840	539,512	8,194	17,549	5,962	6,007	102	15,263
A.T. Still U. of Health Sciences	1,439	0	1,439	0	0	0	0	0	0
Kansas City U. of Medicine and Biosciences	1,183	0	1,183	0	0	0	0	0	0
St. Louis U. all campuses	48,133	913	46,044	174	669	14	22	59	238
Washington U. St. Louis	547,674	4,927	490,846	8,020	16,880	5,948	5,985	43	15,025
Montana	172,622	5,611	108,075	2,701	20,131	665	4,978	14,927	15,534
Public	172,622	5,611	108,075	2,701	20,131	665	4,978	14,927	15,534
MT State U. Billings	919	72	644	33	62	4	104	0	0
MT State U. Bozeman	112,428	1,955	71,686	1,302	15,117	0	2,716	6,803	12,849
MT Tech of the U. MT	6,372	2,677	616	0	394	0	0	0	2,685

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. MT-Missoula, The	52,903	907	35,129	1,366	4,558	661	2,158	8,124	0
Nebraska	358,858	4,566	246,381	11,916	16,019	11,706	15,526	19,042	33,702
Public	333,243	4,470	221,599	11,871	15,446	11,663	15,450	19,042	33,702
U. NE Kearney	758	38	569	22	81	37	9	2	0
U. NE Lincoln	215,850	3,975	111,796	8,785	15,015	10,891	13,864	19,040	32,484
U. NE Omaha	8,623	457	1,222	3,064	350	735	1,577	0	1,218
U. NE Medical Ctr.	108,012	0	108,012	0	0	0	0	0	0
Private	25,615	96	24,782	45	573	43	76	0	0
Creighton U.	25,615	96	24,782	45	573	43	76	0	0
Nevada	194,459	63,919	58,838	2,135	19,941	740	5,339	15,985	27,562
Public	194,459	63,919	58,838	2,135	19,941	740	5,339	15,985	27,562
Desert Research Institute	38,511	35,776	1,023	0	0	0	1,191	521	0
U. NV, Las Vegas	57,031	18,069	10,531	905	5,989	107	2,199	3,329	15,902
U. NV, Reno	98,917	10,074	47,284	1,230	13,952	633	1,949	12,135	11,660
New Hampshire	315,394	56,986	164,545	6,537	11,202	8,048	5,756	18,546	43,774
Public	115,117	55,726	24,281	961	4,264	81	4,846	1,991	22,967
U. NH	115,117	55,726	24,281	961	4,264	81	4,846	1,991	22,967
Private	200,277	1,260	140,264	5,576	6,938	7,967	910	16,555	20,807
Dartmouth C.	200,277	1,260	140,264	5,576	6,938	7,967	910	16,555	20,807
New Jersey	858,413	52,434	443,155	48,172	80,173	22,659	51,347	22,735	137,738
Public	639,025	29,563	402,014	29,508	50,046	13,804	26,848	20,137	67,105
C. NJ, The	1,193	0	283	351	73	83	98	0	305
Montclair State U.	1,693	914 i	478 i	268 i	13 i	20 i	0 i	0 i	0 i
NJ Institute of Technology	77,583	0	446	8,231	10,274	0	480	18,211	39,941
Rowan U.	4,581	0	152	1,455	266	984	110	0	1,614
Rutgers, The State U. NJ all campuses	308,204	28,649	154,884	19,203	39,420	12,717	26,160	1,926	25,245
U. of Medicine and Dentistry NJ	245,771	0	245,771	0	0	0	0	0	0
Private	219,388	22,871	41,141	18,664	30,127	8,855	24,499	2,598	70,633
Monmouth U.	1,693	290	0	1,359	44	0	0	0	0
Princeton U.	188,165	17,909	38,653	14,375	28,357	8,854	24,469	0	55,548
Rider U.	1,287	1	393	0	24	1	0	868	0
Seton Hall U.	2,395	0	1,757	0	608	0	30	0	0
Stevens Institute of Technology	25,848	4,671	338	2,930	1,094	0	0	1,730	15,085

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
New Mexico	425,463	7,007	149,243	7,958	52,407	12,054	8,458	21,867	166,469
Public	425,463	7,007	149,243	7,958	52,407	12,054	8,458	21,867	166,469
NM Highlands U.	1,419	19	0	0	1,385	15	0	0	0
NM Institute of Mining and Technology	73,792	72	249	879	21,777	2	0	5,619	45,194
NM State U. all campuses	169,029	2,463	39,424	2,024	12,290	1,567	2,350	4,030	104,881
U. NM all campuses	181,223	4,453	109,570	5,055	16,955	10,470	6,108	12,218	16,394
New York	3,789,658	111,486	2,500,186	122,218	332,593	85,095	96,347	30,805	510,928
Public	1,015,114	38,490	518,248	35,494	139,616	31,741	30,374	22,504	198,647
CUNY Baruch C.	1,118	10	564	161	61	75	247	0	0
CUNY Brooklyn C.	4,621	0	1,173	1,081	1,401	895	71	0	0
CUNY C. Staten Island	2,282	40	142	120	1,793	73	58	0	56
CUNY Graduate Ctr.	3,913	0	0	629	0	575	1,654	1,055	0
CUNY Herbert H. Lehman C.	4,476	135	1,573	420	191	1,928	150	79	0
CUNY Hunter C.	31,308	2,905	11,469	464	7,977	5,556	2,851	86	0
CUNY John Jay C. of Criminal Justice	779	6	19	37	4	532	181	0	0
CUNY Medgar Evers C.	636	228	164	6	238	0	0	0	0
CUNY Queens C.	7,432	395	4,859	60	801	986	331	0	0
CUNY The City C.	28,593	167	6,517	787	9,800	369	251	0	10,702
CUNY York C.	1,525	27	1,455	4	20	0	19	0	0
SUNY Albany	274,354	6,760	96,729	3,067	52,626	1,649	10,975	0	102,548
SUNY Binghamton	29,635	1,349	2,701	1,654	3,111	4,404	5,129	31	11,256
SUNY Buffalo all campuses	297,909	1,774	212,496	11,449	14,339	6,291	3,374	353	47,833
SUNY C. Brockport	839	124	487	0	210	0	0	18	0
SUNY C. Buffalo	1,699	209	364	0	53	210	863	0	0
SUNY C. Cortland	487	240	98	3	56	0	57	33	0
SUNY C. Geneseo	1,036	27	111	314	500	68	15	1	0
SUNY C. of Environmental Science and Forestry	12,643 i	903 i	7,915 i	0 i	937 i	0 i	124 i	0 i	2,764 i
SUNY C. of Optometry	1,913	0	1,913	0	0	0	0	0	0
SUNY C. Old Westbury	1,765	0	1,062	0	695	0	8	0	0
SUNY C. Oswego	1,024	18	15	1	140	640	77	133	0
SUNY C. Plattsburgh	1,985	623	145	0	1,084	15	0	118	0
SUNY Fredonia	262	38	108	0	116	0	0	0	0
SUNY Health Science Ctr. Brooklyn	31,064	0	31,064	0	0	0	0	0	0
SUNY Stony Brook all campuses	234,635	22,512	97,924	15,237	43,463	7,475	3,939	20,597	23,488
SUNY Upstate Medical U.	37,181	0	37,181	0	0	0	0	0	0
Private	2,774,544	72,996	1,981,938	86,724	192,977	53,354	65,973	8,301	312,281

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Albany C. of Pharmacy	2,307	0	2,307	0	0	0	0	0	0
Albany Medical C.	16,227	0	16,227	0	0	0	0	0	0
Alfred U. all campuses	6,347	127	0	0	166	880	0	0	5,174
Barnard C.	2,742	152	650	89	324	1,452	11	64	0
Canisius C.	434	0	343	36	55	0	0	0	0
Clarkson U.	16,143	0	826	415	3,887	4	28	0	10,983
Colgate U.	1,837	508	459	107	583	68	112	0	0
Columbia U. in the City of NY	529,945	57,799	367,877	10,850	34,271	3,053	14,344	4,229	37,522
Cornell U. all campuses	648,802	6,383	411,148	31,825	89,517	5,875	26,863	0	77,191
Fordham U.	6,033	64	2,317	180	13	907	2,552	0	0
Hamilton C. (Clinton, NY)	1,504	242	117	12	766	233	134	0	0
Hofstra U.	730	4	351	6	229	32	26	1	81
Ithaca C.	1,657	0	619	548	404	71	15	0	0
Long Island U. all campuses	2,880	213	2,270	0	156	85	156	0	0
Manhattan C.	504	0	0	0	9	0	0	0	495
Marist C.	545 i	50 i	107 i	49 i	167 i	28 i	12 i	62 i	70 i
Mercy C.	618	30	425	0	0	0	100	63	0
Mt. Sinai School of Medicine	273,216	0	273,216	0	0	0	0	0	0
New School, The	6,950	0	0	5,026	0	214	1,710	0	0
NY Institute of Technology all campuses	3,613	0	2,394	0	0	0	87	0	1,132
NY Medical C.	34,397	0	34,397	0	0	0	0	0	0
NY U.	284,164	0	229,797	12,874	13,765	14,589	10,832	2,307	0
Pace U. all campuses	566	213	255	0	0	0	27	0	71
Polytechnic U.	14,479	0	0	2,734	2,400	0	145	0	9,200
Rensselaer Polytechnic Institute	70,576	1,545	3,573	6,115	9,094	1,572	435	0	48,242
Rochester Institute of Technology	22,107	1,250	1,962	382	8,469	69	602	0	9,373
Rockefeller U.	215,417	0	198,779	7,745	8,893	0	0	0	0
Sarah Lawrence C.	568	0	132	0	244	0	0	192	0
Siena C.	447 i	28 i	199 i	16 i	69 i	6 i	38 i	21 i	70 i
Skidmore C.	772	43	312	166	91	113	47	0	0
St. John's U. (Jamaica, NY)	1,538	0	297	0	417	798	0	26	0
Syracuse U. all campuses	36,100	3,267	2,748	4,342	6,173	4,644	2,673	21	12,232
Teachers C. Columbia U.	11,411	0	2,959	100	0	4,032	4,320	0	0
Union C. (Schenectady, NY)	1,992	164	578	67	344	73	138	7	621
U. Rochester	366,658	914	234,547	2,936	12,137	14,556	459	1,308	99,801
Vassar C.	902	0	334	104	334	0	107	0	23
Yeshiva U.	189,416	0	189,416	0	0	0	0	0	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
North Carolina	1,710,496	62,634	1,287,509	49,552	79,329	12,114	63,874	9,865	145,619
Public	867,925	48,786	554,210	38,201	57,616	8,529	40,291	9,865	110,427
Appalachian State U.	2,158	276	1,171	14	328	149	220	0	0
East Carolina U.	14,061	932	11,274	100	1,030	89	385	114	137
Elizabeth City State U.	703	144	407	109	0	0	0	0	43
Fayetteville State U.	632	0	78	0	0	0	554	0	0
NC Agricultural and Technical State U.	23,698	0	12,114	565	745	0	268	34	9,972
NC Central U.	6,597	795	3,772	471	612	947	0	0	0
NC State U.	330,936	13,223	162,953	17,005	22,189	11	10,406	9,083	96,066
U. NC Asheville	3,192	1,639	185	407	803	0	139	9	10
U. NC Chapel Hill	443,790	22,258	349,179	14,040	26,032	5,581	26,700	0	0
U. NC Charlotte	18,463	1,082	3,783	4,658	3,887	187	1,002	0	3,864
U. NC Greensboro	6,059	0	4,197	183	568	937	174	0	0
U. NC Pembroke	258	0	28	0	230	0	0	0	0
U. NC Wilmington	13,609	7,479	3,495	420	704	628	426	457	0
Western Carolina U.	1,905	958	266	41	120	0	17	168	335
Winston-Salem State U.	1,864 i	0 i	1,308 i	188 i	368 i	0 i	0 i	0 i	0 i
Private	842,571	13,848	733,299	11,351	21,713	3,585	23,583	0	35,192
Davidson C.	296	0	34	7	25	187	43	0	0
Duke U.	657,080	13,530	553,834	10,614	17,594	3,004	23,312	0	35,192
Johnson C. Smith U.	251	0	0	0	149	102	0	0	0
Shaw U.	1,815	318	1,357	140	0	0	0	0	0
Wake Forest U.	183,129	0	178,074	590	3,945	292	228	0	0
North Dakota	160,095	8,993	74,111	761	16,028	3,461	11,846	6,554	38,341
Public	160,095	8,993	74,111	761	16,028	3,461	11,846	6,554	38,341
Mayville State U.	243	0	243	0	0	0	0	0	0
ND State U. all campuses	103,778	248	58,219	731	14,355	3,248	11,598	4,822	10,557
U. ND all campuses	56,074	8,745	15,649	30	1,673	213	248	1,732	27,784
Ohio	1,636,473	17,680	1,030,885	62,881	93,199	17,101	64,160	22,414	328,153
Public	1,195,108	16,512	716,311	59,865	82,507	15,776	62,076	20,019	222,042
Air Force Institute of Technology	18,783	26	0	3,648	4,763	0	0	304	10,042
Bowling Green State U. all campuses	9,912	48	3,357	235	2,819	1,432	1,472	200	349
Central State U.	2,320	116	232	116	116	0	116	0	1,624
Cleveland State U.	14,496	316	3,363	56	818	48	5,623	0	4,272
Kent State U. all campuses	11,076	352	3,076	393	5,124	1,548	583	0	0
Medical U. OH	21,567	0	21,567	0	0	0	0	0	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Miami U. all campuses	19,229	573 i	4,542 i	0 i	5,118 i	1,363 i	3,151 i	3,934 i	548 i
Northeastern OH Universities C. of Medicine	5,294	0	5,294	0	0	0	0	0	0
OH State U. all campuses	652,329	9,336	373,349	47,055	27,687	5,971	40,519	13,492	134,920
OH U. all campuses	38,000	950	10,270	309	6,576	1,830	1,486	0	16,579
U. Akron all campuses	28,440	195	2,247	609	11,987	73	4,810	0	8,519
U. Cincinnati all campuses	294,150	929	251,055	585	7,863	1,900	3,534	1,301	26,983
U. Toledo	30,493	3,105	7,285	39	6,393	366	717	613	11,975
Wright State U. all campuses	47,711	565	30,574	6,810	2,257	1,244	55	172	6,034
Youngstown State U.	1,308	1	100	10	986	1	10	3	197
Private	441,365	1,168	314,574	3,016	10,692	1,325	2,084	2,395	106,111
Case Western Reserve U.	369,264	685	312,695	1,953	8,872	870	1,976	1,891	40,322
C. Wooster	966	64 i	9 i	0 i	671 i	182 i	0 i	40 i	0 i
Denison U.	375	7	105	14	237	2	10	0	0
John Carroll U.	474	0	118	340	16	0	0	0	0
Oberlin C.	810	294	64	0	315	49	88	0	0
OH Wesleyan U.	396	0	146	6	38	206	0	0	0
U. Dayton	69,080	118	1,437	703	543	16	10	464	65,789
Oklahoma	298,175	34,844	168,310	7,359	19,782	3,257	13,017	6,156	45,450
Public	285,817	34,649	167,426	3,990	18,835	2,787	12,594	6,156	39,380
Langston U.	4,416	0	4,416	0	0	0	0	0	0
Northeastern State U.	1,031	0	1,023	0	8	0	0	0	0
OK State U. all campuses	100,323	1,385	60,369	995	6,285	626	5,260	6,156	19,247
Southeastern OK State U.	487	0	122	0	365	0	0	0	0
U. Central OK	841	0	150	0	0	0	0	0	691
U. OK all campuses	178,719	33,264	101,346	2,995	12,177	2,161	7,334	0	19,442
Private	12,358	195	884	3,369	947	470	423	0	6,070
U. Tulsa	12,358	195	884	3,369	947	470	423	0	6,070
Oregon	557,405	47,319	380,349	31,053	18,894	8,999	14,602	23,146	33,043
Public	553,855	47,211	378,938	30,882	17,696	8,714	14,508	23,066	32,840
Eastern OR U.	1,352	0	504	0	603	245	0	0	0
OR Health & Science U.	272,174	0	236,976	16,702	0	0	0	18,496	0
OR Institute of Technology	4,047	1	278	206	0	0	0	0	3,562
OR State U.	189,606	40,829	108,074	6,038	4,290	156	2,773	3,539	23,907
Portland State U.	28,763	3,873	6,041	3,869	2,382	459	6,488	1,031	4,620
Southern OR U.	760	117	365	7	61	0	210	0	0
U. OR	57,153	2,391	26,700	4,060	10,360	7,854	5,037	0	751

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Private	3,550	108	1,411	171	1,198	285	94	80	203
Lewis and Clark C.	854	4	510	105	182	34	19	0	0
Pacific U.	402	0	164	0	238	0	0	0	0
Reed C.	1,118	0	399	0	406	251	62	0	0
U. Portland	801	85	224	66	210	0	13	0	203
Willamette U.	375	19	114	0	162	0	0	80	0
Pennsylvania	2,428,346	58,582	1,445,889	192,765	151,012	56,709	73,900	32,157	417,332
Public	1,255,576	54,135	716,497	50,857	89,459	41,588	31,569	11,651	259,820
Cheyney U. PA	278	0	278	0	0	0	0	0	0
Indiana U. PA all campuses	368	8	3	9	66	45	237	0	0
Lincoln U. (Lincoln University, PA)	606	0	158	0	448	0	0	0	0
PA State U. all campuses	644,182	52,793	200,986	42,942	64,166	22,776	24,533	372	235,614
Temple U.	79,736	198	56,304	923	5,570	10,992	2,797	0	2,952
U. Pittsburgh all campuses	530,162	1,136	458,627	6,983	19,109	7,775	3,999	11,279	21,254
West Chester U. PA	244	0	141	0	100	0	3	0	0
Private	1,172,770	4,447	729,392	141,908	61,553	15,121	42,331	20,506	157,512
Allegheny C.	638	131	95	0	195	0	35	182	0
Arcadia U.	334 i	9 i	233 i	16 i	28 i	5 i	5 i	2 i	36 i
Bryn Mawr C.	4,254	529	625	377	1,115	597	1,011	0	0
Bucknell U.	2,841	24	580	1	735	14	9	371	1,107
Carnegie Mellon U.	212,506	929	5,767	120,498	12,034	5,454	8,656	2,344	56,824
Dickinson C.	847	254	293	17	170	95	18	0	0
Drexel U.	96,687	0	48,341	7,149	3,150	1,314	0	0	36,733
Duquesne U.	8,345	0	5,327	351	2,522	0	145	0	0
Franklin & Marshall C.	1,645	271	317	40	842	45	129	1	0
Gettysburg C.	454	6	126	12	176	29	105	0	0
Haverford C.	967	0 i	397 i	25 i	468 i	56 i	21 i	0 i	0 i
Juniata C.	289	19	200	0	70	0	0	0	0
King's C. (Wilkes-Barre, PA)	212	0	127	0	0	0	85	0	0
La Salle U.	243	0	143	3	4	43	50	0	0
Lafayette C.	1,612	60	117	105	234	16	0	477	603
Lehigh U.	33,469	1,055	2,255	1,459	4,297	355	31	0	24,017
Mercyhurst C.	819	12	43	4	51	6	548	155	0
Muhlenberg C.	326	0	326	0	0	0	0	0	0
PA C. of Optometry	1,642	0	1,642	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	1,034	0	1,015	0	0	19	0	0	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Philadelphia U.	858	0	0	0	0	0	0	858	0
St. Francis U. (Loretto, PA)	4,114	168	3,946	0	0	0	0	0	0
St. Joseph's U.	3,037	0	545	562	72	272	404	1,182	0
Swarthmore C.	2,385	0	682	37	665	385	186	165	265
Thomas Jefferson U.	106,986	0	106,986	0	0	0	0	0	0
U. PA	676,052	760	546,624	10,808	33,236	6,267	30,809	14,769	32,779
U. Scranton	999	0	434	16	543	0	6	0	0
U. of the Sciences Philadelphia	1,260	0	1,260	0	0	0	0	0	0
Ursinus C.	562	3	309	0	243	5	2	0	0
Villanova U.	7,122 i	164 i	548 i	428 i	703 i	144 i	76 i	0 i	5,059 i
Wilkes U.	231	53	89	0	0	0	0	0	89
Rhode Island	230,104	34,620	107,015	17,860	14,297	4,632	12,972	11,986	26,722
Public	70,696	26,121	23,481	686	623	2,072	35	11,986	5,692
U. RI	70,696	26,121	23,481	686	623	2,072	35	11,986	5,692
Private	159,408	8,499	83,534	17,174	13,674	2,560	12,937	0	21,030
Brown U.	157,926	7,998	82,681	17,174	13,546	2,560	12,937	0	21,030
Providence C.	432	47	373	0	12	0	0	0	0
Roger Williams U. Bristol	1,050	454	480	0	116	0	0	0	0
South Carolina	524,034	36,952	272,869	18,149	31,524	13,569	22,800	21,435	106,736
Public	520,357	36,719	270,538	17,971	30,813	13,481	22,800	21,435	106,600
Clemson U.	179,840	0	52,287	13,044	10,376	1,275	11,957	9,592	81,309
Coastal Carolina U.	1,210	979	42	0	189	0	0	0	0
C. Charleston	5,719	3,327	1,164	275	471	88	181	213	0
Medical U. SC	176,055	0	175,914	0	0	0	0	0	141
SC State U.	3,796	0	834	0	1,821	0	1,076	0	65
U. SC all campuses	153,737	32,413	40,297	4,652	17,956	12,118	9,586	11,630	25,085
Private	3,677	233	2,331	178	711	88	0	0	136
Benedict C.	1,314	50	965	121	42	0	0	0	136
Clafflin U.	930	0	930	0	0	0	0	0	0
Furman U.	1,433	183	436	57	669	88	0	0	0
South Dakota	72,790	3,203	49,808	349	3,563	281	2,951	2,023	10,612
Public	71,105	2,621	49,124	170	3,323	281	2,951	2,023	10,612
Black Hills State U.	2,628	79	2,330	78	1	16	105	0	19
SD School of Mines and Technology	12,589	2,036	0	8	773	0	0	1,991	7,781
SD State U.	33,275	486	27,454	46	762	0	1,683	32	2,812

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. SD	22,613	20	19,340	38	1,787	265	1,163	0	0
Private	1,685	582	684	179	240	0	0	0	0
Augustana C. (Sioux Falls, SD)	892	0	684	18	190	0	0	0	0
Sinte Gleska U.	793	582	0	161	50	0	0	0	0
Tennessee	742,918	10,253	500,250	15,536	46,381	23,315	26,126	21,496	99,561
Public	326,411	9,760	163,683	14,299	19,522	12,527	21,943	18,550	66,127
East TN State U.	7,943	40	6,423	128	285	147	725	71	124
Middle TN State U.	2,015	20	614	143	424	40	113	541	120
TN State U.	14,096	0	7,834	295	1,283	0	943	0	3,741
TN Technological U.	9,575	7	645	203	205	175	6	0	8,334
U. Memphis, The	43,715	4,902	6,791	3,416	1,364	11,815	8,642	1,465	5,320
U. TN Chattanooga	7,590	7	703	394	91	26	1,046	856	4,467
U. TN Martin	1,098	21	12	0	0	0	0	1,065	0
U. TN system office	240,379	4,763	140,661	9,720	15,870	324	10,468	14,552	44,021
Private	416,507	493	336,567	1,237	26,859	10,788	4,183	2,946	33,434
Fisk U.	6,000	0	0	0	6,000	0	0	0	0
Le Moyne-Owen C.	150 i	12 i	61 i	7 i	28 i	11 i	13 i	8 i	10 i
Meharry Medical C.	32,878	0	32,878	0	0	0	0	0	0
Rhodes C.	400	0	123	0	106	171	0	0	0
U. of the South	186	50	53	44	6	0	33	0	0
Vanderbilt U.	376,893	431	303,452	1,186	20,719	10,606	4,137	2,938	33,424
Texas	3,270,728	147,357	2,188,728	144,701	204,265	48,522	70,018	18,279	448,858
Public	2,716,655	141,096	1,710,565	129,195	182,328	43,811	67,980	17,913	423,767
Angelo State U.	677	138 i	206 i	35 i	57 i	28 i	81 i	69 i	63 i
Lamar U.	3,277	768	7	17	89	4	0	446	1,946
Prairie View A&M U.	11,444	0	6,283	200	1,181	2	0	142	3,636
Sam Houston State U.	1,958	670	580	278	129	0	20	281	0
Stephen F. Austin State U.	8,171	5	5,402	39	107	21	46	2,551	0
Sul Ross State U.	2,676	1,024	770	0	39	0	843	0	0
Tarleton State U.	8,069	2,566	5,267	158	78	0	0	0	0
TX A&M U. all campuses	492,955	69,531	189,069	16,360	38,430	2,984	9,617	5,229	161,735
TX A&M U. Commerce	858	0	122	429	239	21	0	25	22
TX A&M U. Corpus Christi	12,654	5,511	2,677	2,254	1,303	36	144	488	241
TX A&M U. Kingsville	13,343	1,455	9,360	0	297	0	0	82	2,149
TX A&M U. System Health Science Ctr.	76,109	1,056	74,132	0	0	72	86	0	763
TX Southern U.	4,299	2	2,016	179	2,070	0	0	32	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
TX State U. San Marcos	7,034	2,603	1,517	472	1,915	6	140	297	84
TX Tech U.	58,591	6,454	19,690	1,681	5,873	564	7,176	951	16,202
TX Tech U. Health Science Ctr.	22,013	0	22,013	0	0	0	0	0	0
TX Woman's U.	1,975	0	1,493	26	85	13	7	351	0
U. Houston	75,662	4,002	16,310	7,781	9,100	9,998	4,510	0	23,961
U. Houston-Clear Lake	789	251	199	107	136	35	7	0	54
U. Houston-Downtown	509	0	3	110	279	0	0	116	1
U. North TX	14,819	1,368	2,851	606	2,654	259	1,364	0	5,717
U. North TX Health Science Ctr. Ft. Worth	25,124	0	25,124	0	0	0	0	0	0
U. TX Arlington	29,267	337	1,459	445	6,669	1,636	764	0	17,957
U. TX Austin	431,398	37,600	48,983	63,612	85,380	9,093	27,880	6,756	152,094
U. TX Dallas	44,198	678	5,433	6,764	9,253	3,698	3,346	0	15,026
U. TX El Paso	32,161	3,484	11,061	2,197	3,025	1,241	1,112	92	9,949
U. TX Health Science Ctr. Houston	175,154	0	175,154	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	150,040	0	150,040	0	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	457,696	0	402,469	21,675	10,790	13,636	5,666	0	3,460
U. TX Medical Branch	179,915	0	177,365	0	0	0	0	0	2,550
U. TX San Antonio	30,259	1,140	15,127	3,240	2,781	195	4,861	0	2,915
U. TX Southwestern Medical Ctr. Dallas	333,237	0	333,237	0	0	0	0	0	0
U. TX Tyler	795	0	309	249	36	18	45	1	137
U. TX-Pan American	5,006	134	2,008	281	102	251	193	0	2,037
West TX A&M U.	4,523	319	2,829	0	231	0	72	4	1,068
Private	554,073	6,261	478,163	15,506	21,937	4,711	2,038	366	25,091
Abilene Christian U.	241	0	8	3	189	0	4	37	0
Baylor C. of Medicine	462,375	0	462,375	0	0	0	0	0	0
Baylor U.	6,133	1,086	2,036	332	1,610	287	209	0	573
Jarvis Christian C.	806	124	255	56	245	2	10	0	114
Rice U.	66,564	2,096	10,546	13,688	16,089	743	1,205	0	22,197
Southern Methodist U.	12,475	2,821	2,207	1,293	2,087	1,215	587	329	1,936
St. Mary's U. (San Antonio, TX)	183	0	0	0	0	0	0	0	183
TX Christian U.	4,090	112	303	34	1,156	2,393	18	0	74
Trinity U.	1,206	22	433	100	561	71	5	0	14
Utah	412,811	17,439	223,502	19,005	28,416	6,966	6,203	11,394	99,886
Public	386,838	17,097	216,313	17,836	23,799	6,346	4,994	11,394	89,059
U. UT	248,168	8,129	165,066	16,496	20,635	2,709	1,924	0	33,209
UT State U.	138,670	8,968	51,247	1,340	3,164	3,637	3,070	11,394	55,850

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Private	25,973	342	7,189	1,169	4,617	620	1,209	0	10,827
Brigham Young U. all campuses	25,973	342	7,189	1,169	4,617	620	1,209	0	10,827
Vermont	121,841	539	107,137	1,388	1,372	1,770	288	7,082	2,265
Public	121,841	539	107,137	1,388	1,372	1,770	288	7,082	2,265
U. VT	121,841	539	107,137	1,388	1,372	1,770	288	7,082	2,265
Virginia	946,886	79,439	512,018	40,124	61,210	19,742	23,906	9,426	201,021
Public	882,102	62,633	475,884	39,664	54,441	19,561	23,629	6,441	199,849
Christopher Newport U.	789	0	455	5	278	51	0	0	0
C. of William and Mary all campuses	52,025	34,649	2,802	1,370	5,707	469	2,459	4,569	0
George Mason U.	50,381	12,601	8,869	11,924	690	3,410	7,122	0	5,765
James Madison U.	4,799	263	1,190	1,502	601	231	444	162	406
Norfolk State U.	5,144	0	275	807	3,471	0	79	0	512
Old Dominion U.	49,966	4,731	5,273	3,571	7,500	2,029	2,835	36	23,991
Radford U.	262	9	102	3	22	32	89	5	0
U. VA all campuses	238,754	3,875	168,222	7,187	15,556	6,880	618	734	35,682
VA Commonwealth U.	149,256	629	130,067	1,010	6,356	4,161	1,705	0	5,328
VA Military Institute	815	0	41	10	106	13	0	0	645
VA Polytechnic Institute and State U.	321,722	5,876	150,604	12,254	14,150	2,276	8,278	935	127,349
VA State U.	8,189	0	7,984	21	4	9	0	0	171
Private	64,784	16,806	36,134	460	6,769	181	277	2,985	1,172
Eastern VA Medical School	33,013	0	33,013	0	0	0	0	0	0
Hampton U.	28,705	16,791	2,405	219	5,133	0	0	2,985	1,172
Roanoke C.	741	0	171	0	472	0	98	0	0
U. Richmond	1,923	15	441	209	898	181	179	0	0
Washington and Lee U.	402	0	104	32	266	0	0	0	0
Washington	987,623	96,943	668,677	8,334	52,554	12,340	36,462	11,841	100,472
Public	985,722	96,579	668,185	8,332	52,153	12,339	36,270	11,739	100,125
Central WA U.	2,183	1,158	111	251	292	19	352	0	0
Eastern WA U.	1,999	52	211	20	45	10	1,621	20	20
Evergreen State C.	548	241	118	75	0	0	0	114	0
U. WA	778,148	92,110	541,524	6,850	33,803	10,936	17,564	0	75,361
WA State U.	196,391	1,595	124,270	1,068	16,213	1,101	15,948	11,605	24,591
Western WA U.	6,453	1,423	1,951	68	1,800	273	785	0	153
Private	1,901	364	492	2	401	1	192	102	347
Heritage U. (Toppenish, WA)	254	0	254	0	0	0	0	0	0

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Seattle U.	800 i	27 i	60 i	0 i	366 i	0 i	0 i	0 i	347 i
U. Puget Sound	431	64	61	2	9	1	192	102	0
Whitman C.	416	273	117	0	26	0	0	0	0
West Virginia	148,615	7,812	96,504	1,352	6,657	857	2,949	877	31,607
Public	144,116	7,430	94,399	1,179	5,828	419	2,714	726	31,421
Bluefield State C.	356	0	356	0	0	0	0	0	0
Marshall U.	18,385	56	10,845	37	617	0	0	432	6,398
West Liberty State C.	508	0	508	0	0	0	0	0	0
WV School of Osteopathic Medicine	266	0	266	0	0	0	0	0	0
WV State U.	2,467	0	2,467	0	0	0	0	0	0
WV U.	122,134	7,374	79,957	1,142	5,211	419	2,714	294	25,023
Private	4,499	382	2,105	173	829	438	235	151	186
Wheeling Jesuit U.	4,499 i	382 i	2,105 i	173 i	829 i	438 i	235 i	151 i	186 i
Wisconsin	1,039,530	94,702	670,578	23,222	65,451	31,848	48,266	695	104,768
Public	878,538	94,677	518,092	22,777	63,687	31,656	48,120	695	98,834
U. WI Eau Claire	1,154	170	145	12	746	41	40	0	0
U. WI Green Bay	1,328	1,140	0	6	0	0	77	105	0
U. WI La Crosse	2,838	634	794	247	344	6	0	183	630
U. WI Madison	831,895	82,589	508,034	20,657	55,697	30,618	41,254	113	92,933
U. WI Milwaukee	34,033	7,466	6,388	1,574	6,403	958	6,071	42	5,131
U. WI Oshkosh	1,115	8	829	24	87	30	32	105	0
U. WI Parkside	378	75	232	21	20	1	28	1	0
U. WI Platteville	605	3	412	6	46	0	0	0	138
U. WI River Falls	434	5	115	0	259	0	55	0	0
U. WI Stevens Point	2,335	1,335	901	13	32	2	50	0	2
U. WI Stout	332	0	51	135	0	0	0	146	0
U. WI Superior	1,844	1,252	6	82	7	0	497	0	0
U. WI Whitewater	247	0	185	0	46	0	16	0	0
Private	160,992	25	152,486	445	1,764	192	146	0	5,934
Lawrence U.	474	25	42	0	407	0	0	0	0
Marquette U.	10,445	0	4,720	445	1,318	192	146	0	3,624
Medical C. WI	147,140	0	147,140	0	0	0	0	0	0
Milwaukee School of Engineering	2,933	0	584	0	39	0	0	0	2,310
Wyoming	89,414	11,328	51,003	1,084	5,991	1,050	3,660	7,886	7,412
Public	89,414	11,328	51,003	1,084	5,991	1,050	3,660	7,886	7,412

TABLE 26. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2006

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. WY	89,414	11,328	51,003	1,084	5,991	1,050	3,660	7,886	7,412
Guam	7,604	1,220	6,345	0	0	0	24	0	15
Public	7,604	1,220	6,345	0	0	0	24	0	15
U. GU	7,604	1,220	6,345	0	0	0	24	0	15
Puerto Rico	101,996	7,045	58,743	2,162	18,136	1,835	2,648	127	11,300
Public	85,542	6,861	43,613	2,102	17,775	1,338	2,648	127	11,078
U. PR Humacao	4,429	0	771	257	3,401	0	0	0	0
U. PR Mayaguez Campus	21,080	4,681	1,027	1,205	3,136	0	249	16	10,766
U. PR Medical Sciences Campus	38,424	0	38,424	0	0	0	0	0	0
U. PR Rio Piedras Campus	21,609	2,180	3,391	640	11,238	1,338	2,399	111	312
Private	16,454	184	15,130	60	361	497	0	0	222
Carlos Albizu U. (San Juan, PR)	497	0	0	0	0	497	0	0	0
Ponce School of Medicine	5,573	0	5,573	0	0	0	0	0	0
Universidad Central del Caribe	8,790	0	8,790	0	0	0	0	0	0
Universidad del Este	432	0	432	0	0	0	0	0	0
Universidad del Turabo	864	63	197	60	322	0	0	0	222
Universidad Metropolitana	298	121	138	0	39	0	0	0	0
Virgin Islands	17,495	0	7,552	0	0	0	4,950	4,977	16
Public	17,495	0	7,552	0	0	0	4,950	4,977	16
U. of the VI	17,495	0	7,552	0	0	0	4,950	4,977	16

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
	All institutions	27,534,145	30,072,979	32,811,229	36,393,689	40,086,969	43,242,403	45,777,167	47,760,402
1	Johns Hopkins U., The ^a	874,518	901,156	999,246	1,140,235	1,244,132	1,375,014	1,443,792	1,499,977
2	U. WI Madison	499,688	554,361	604,143	662,101	717,044	763,875	798,099	831,895
3	U. CA, Los Angeles	477,620	530,826	693,801	787,598	849,357	772,569	785,625	811,493
4	U. MI all campuses	508,619	551,556	600,523	673,724	780,054	769,126	808,887	800,488
5	U. CA, San Francisco	417,095	443,013	524,975	596,965	671,443	728,321	754,444	796,149
6	U. WA	482,659	529,342	589,626	627,273	684,814	713,976	707,519	778,148
7	U. CA, San Diego	461,632	518,559	556,533	585,008	646,508	708,690	721,035	754,766
8	Stanford U.	426,549	457,822	482,906	538,474	603,227	671,046	714,897	679,196
9	U. PA	383,569	430,389	469,852	522,269	564,635	596,756	654,982	676,052
10	Duke U.	348,274	356,625	375,133	441,533	520,191	520,871	630,752	657,080
11	OH State U. all campuses	322,810	361,399	390,652	432,387	496,438	518,088	608,923	652,329
12	Cornell U. all campuses	395,552	410,393	443,828	496,123	554,760	575,554	606,804	648,802
13	PA State U. all campuses	379,402	427,575	458,066	492,739	533,427	600,139	625,764	644,182
14	MA Institute of Technology	420,306	426,299	435,495	446,786	485,764	543,448	580,742	600,748
15	U. MN all campuses	371,384	411,380	462,011	494,265	508,557	526,270	548,873	594,877
16	U. CA, Davis	307,950	364,789	432,396	456,653	482,145	511,757	546,978	573,002
17	U. FL	304,447	313,692	347,892	386,316	429,734	447,146	530,734	565,491
18	Washington U. St. Louis	315,606	362,216	406,642	416,960	474,328	489,565	531,846	547,674
19	U. CA, Berkeley	451,539	518,514	446,273	474,746	507,186	525,598	554,551	546,035
20	U. AZ	320,245	345,090	367,128	390,827	454,941	478,680	530,233	535,847
21	U. Pittsburgh all campuses	249,477	294,809	348,792	400,200	409,684	461,693	522,448	530,162
22	Columbia U. in the City of NY	279,587	319,693	354,497	405,403	437,669	468,484	535,424	529,945
23	U. CO all campuses	318,618 e	353,908 i	365,472	399,818	436,761	482,992	517,067	512,794
24	TX A&M U. all campuses	402,203	397,268	407,041	436,681	456,235	456,809	479,735	492,955
25	U. IL Urbana-Champaign	358,247	373,024	390,863	427,174	493,581	506,041	499,711	476,198
26	Baylor C. of Medicine	272,198	334,175	381,461	411,924	461,763	476,075	458,694	462,375
27	Yale U.	274,050	296,706	321,514	354,243	387,644	422,828	431,618	460,075
28	U. TX M. D. Anderson Cancer Ctr.	155,126	182,196	212,746	262,145	315,169	353,034	383,780	457,696
29	Harvard U.	326,193	341,810	372,107	401,367	408,707	454,495	447,196	453,156
30	U. Southern CA	280,741	300,445	340,597	372,397	414,099	426,665	445,036	450,173
31	U. NC Chapel Hill	252,767	269,072	303,576	370,806	390,542	416,727	441,033	443,790
32	GA Institute of Technology all campuses	263,725	304,511	306,533	340,347	364,190	410,799	425,386	440,898
33	U. TX Austin	258,122	272,811	295,104	320,966	343,854	343,886	410,981	431,398
34	Northwestern U.	233,809	245,774	257,933	282,154	319,722	358,947	387,242	419,985
35	U. MD Baltimore	140,903	224,346	239,007	266,822	297,271	317,293	304,396	405,260
36	Vanderbilt U.	149,675	171,926	186,504	208,305	276,074	318,335	350,433	376,893

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
37	Purdue U. all campuses	226,411	234,536	254,917	285,778	309,476	365,779	364,986	372,958
38	Case Western Reserve U.	182,332	193,057	198,253	219,042	250,674	231,800	323,618	369,264
39	Scripps Research Institute, The	NA	NA	NA	NA	NA	307,910	330,170	367,375
40	U. Rochester	177,126	197,335	234,261	261,601	285,768	312,303	345,337	366,658
41	MI State U.	207,912	238,436	265,946	289,787	321,410	325,438	333,735	358,097
42	IN U. all campuses	194,790	227,737	259,899	299,080	337,669	384,168	307,137	355,004
43	U. MD College Park	257,628	252,429	267,383	324,980	321,899	325,648	338,648	354,244
44	U. IA	207,135	236,944	255,348	288,808	292,035	312,914	334,144	346,357
45	Emory U.	189,170	206,070	236,997	271,238	323,224	311,685	333,665	345,989
46	LA State U. all campuses	225,808	251,233	268,911	287,363	314,446	341,634	356,828	343,775
47	U. NE all campuses	189,480	192,639	223,964	247,948	276,424	299,550	333,126	333,243
48	U. TX Southwestern Medical Ctr. Dallas	165,520	189,216	222,376	263,958	276,692	314,403	320,800	333,237
49	U. IL Chicago	175,093	195,839	233,098	259,852	291,507	312,768	318,279	332,176
50	U. AL Birmingham, The	232,115	233,461	231,702	255,053	284,497	310,950	318,536	331,436
51	NC State U.	270,621	277,946	299,259	290,018	286,025	292,720	302,596	330,936
52	U. KY all campuses	174,034	202,392	211,721	236,275	272,062	297,610	306,653	323,958
53	U. GA	237,493	258,476	272,298	284,660	299,748	313,160	316,806	323,843
54	VA Polytechnic Institute and State U.	169,250	192,672	216,323	232,560	247,807	268,752	289,994	321,722
55	Rutgers, The State U. NJ all campuses	213,838	225,268	236,793	258,829	278,763	296,534	309,531	308,204
56	U. Chicago	162,805	170,678	194,125	225,264	247,322	272,390	293,970	305,301
57	U. CA, Irvine	141,842	158,437	179,866	209,469	234,656	257,024	276,763	300,229
58	SUNY Buffalo all campuses	166,823	187,692	186,829	226,959	240,180	258,952	267,271	297,909
59	U. Cincinnati all campuses	153,002	171,906	192,895	216,652	254,101	276,326	286,036	294,150
60	U. South FL	123,961	145,397	171,550	197,894	213,249	240,021	259,218	285,941
61	NY U.	167,179	182,205	190,722	222,978	241,593	259,333	276,198	284,164
62	SUNY Albany	64,278	82,792	70,119	67,493	120,655	203,977	259,708	274,354
63	Mt. Sinai School of Medicine	127,765	149,846	176,946	185,335	203,853	212,786	225,293	273,216
64	OR Health & Science U.	120,429	131,486	136,785	158,729	197,178	254,447	266,687	272,174
65	CA Institute of Technology	212,216	222,666	215,085	220,004	240,664	261,098	265,364	270,269
66	Boston U.	141,102	154,029	172,031	192,612	224,841	240,867	246,520	255,615
67	CO State U.	150,281	152,279	161,144	178,845	187,054	214,886	236,211	253,992
68	U. HI Manoa	156,810	161,300	156,976	161,823	179,285	236,368	230,651	249,635
69	U. TN all campuses	158,930	163,690	161,898	188,261	217,389	228,760	255,699	249,067
70	U. UT	153,843	187,661	197,597	216,707	223,739	230,146	244,691	248,168
71	U. of Medicine and Dentistry NJ	126,277	140,951	162,417	178,156	190,763	209,134	239,778	245,771
72	U. VA all campuses	131,138	140,416	149,547	182,340	206,199	228,532	235,058	238,754
73	SUNY Stony Brook all campuses	148,982	163,307	168,487	184,045	200,330	213,547	212,289	234,635
74	IA State U.	161,301	175,558	179,196	188,664	199,566	211,996	209,545	221,998

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
75	Wayne State U.	146,832	156,814	175,984	199,007	214,642	225,475	226,331	220,731
76	Rockefeller U.	121,519	124,138	145,571	166,603	192,143	192,222	198,719	215,417
77	U. MO-Columbia	149,002	158,861	174,782	177,011	205,212	217,550	220,718	215,240
78	U. CT all campuses	134,986	161,084	164,366	172,003	190,341	211,236	219,982	215,184
79	U. Miami	139,608	145,795	153,772	171,319	177,709	194,446	209,572	213,516
80	Carnegie Mellon U.	142,174	137,980	144,882	188,191	186,351	205,149	200,297	212,506
81	AZ State U. main campus	107,184	108,117	118,763	123,016	145,591	152,164	166,923	201,955
82	Dartmouth C.	69,522	78,874	109,096	126,839	155,795	173,266	179,094	200,277
83	WA State U.	96,943	104,796	107,937	146,862	175,181	171,735	182,677	196,391
84	U. KS all campuses	132,752	148,670	156,467	172,131	173,024	181,192	190,105	195,947
85	U. MA Worcester	83,040	97,587	111,221	132,729	148,823	169,090	176,349	191,659
86	MS State U.	110,896	132,503	146,939	158,652	165,922	191,352	179,825	189,917
87	OR State U.	139,285	140,751	153,925	161,735	167,631	170,286	180,309	189,606
88	Yeshiva U.	111,771	139,618	148,230	157,124	177,236	183,253	193,104	189,416
89	Princeton U.	124,237	134,875	149,411	164,408	179,951	188,373	202,380	188,165
90	FL State U.	97,673	105,095	113,817	134,351	152,277	168,132	172,858	185,633
91	Wake Forest U.	82,827	86,840	98,343	111,634	130,405	133,753	185,152	183,129
92	U. NM all campuses	115,850	133,980	156,619	150,598	158,239	170,085	178,703	181,223
93	U. TX Medical Branch	93,580	97,896	102,722	129,534	153,122	166,798	174,254	179,915
94	Clemson U.	99,341	114,903	123,885	134,840	152,986	158,585	175,127	179,840
95	U. OK all campuses	142,085	150,902	148,695	169,373	174,466	158,578	173,663	178,719
96	Medical U. SC	55,819	65,243	116,687	132,030	150,551	163,179	178,086	176,055
97	U. TX Health Science Ctr. Houston	105,307	119,587	125,439	138,380	149,294	147,328	152,631	175,154
98	U. CA, Santa Barbara	104,561	118,154	116,372	131,795	149,130	151,325	165,014	174,429
99	NM State U. all campuses	79,877	79,695	86,963	103,078	108,613	93,329	125,427	169,029
100	Brown U.	76,330	81,476	91,636	109,482	125,090	130,741	138,262	157,926
101	U. SC all campuses	105,835	104,398	109,973	123,108	121,410	121,671	122,212	153,737
102	U. AK Fairbanks all campuses	88,825	102,500	110,195	116,279	128,916	132,212	139,488	153,470
103	U. TX Health Science Ctr. San Antonio	87,804	103,824	115,154	129,616	133,304	137,039	142,375	150,040
104	VA Commonwealth U.	79,785	88,220	99,180	109,619	126,451	132,839	146,105	149,256
105	Medical C. WI	61,446	70,581	83,857	96,700	108,608	139,235	143,540	147,140
106	UT State U.	95,364	103,161	121,359	121,621	138,862	153,616	131,624	138,670
107	U. MA Amherst	86,576	96,907	97,976	109,332	113,512	120,788	127,487	136,057
108	U. Louisville	57,051	64,062	72,857	80,974	88,522	110,653	128,347	135,873
109	Tufts U.	100,872	105,783	105,806	109,291	112,609	126,432	131,028	128,965
110	U. CA Office of the President	NA	NA	NA	NA	NA	90,233	97,245	128,770
111	Auburn U. all campuses	80,544	92,612	106,347	108,775	117,000	125,705	132,203	126,522

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
112	U. CA, Riverside	75,821	83,580	94,455	111,936	112,468	110,627	122,221	124,820
113	KS State U.	85,580	91,790	94,030	106,804	112,733	119,306	123,398	123,746
114	WV U.	63,392	66,130	71,311	84,985	104,748	108,002	115,398	122,134
115	Woods Hole Oceanographic Institution	71,722	81,547	91,029	99,964	104,223	114,087	117,517	121,888
116	U. VT	64,049	63,391	75,597	88,602	104,994	114,120	115,693	121,841
117	Georgetown U.	111,426	133,211	99,228	105,668	117,713	126,320	123,938	118,558
118	U. NH	57,613	72,108	87,879	93,222	96,415	103,935	108,378	115,117
119	U. DE	73,521	74,711	77,491	85,157	100,706	109,985	110,339	114,985
120	Tulane U.	87,324	89,785	99,761	102,998	117,709	123,677	138,959	114,397
121	U. CA, Santa Cruz	52,902	56,212	64,253	70,967	78,448	94,297	105,617	114,126
122	George Washington U.	66,757	69,300	73,805	86,288	92,454	103,473	107,715	113,982
123	MT State U. Bozeman	55,475	65,324	69,593	78,211	91,503	97,696	109,465	112,428
124	U. Central FL	42,466	47,646	79,287	66,351	89,880	103,261	102,702	107,996
125	U. AR for Medical Sciences	44,066	49,074	51,921	45,046	63,677	74,063	91,516	107,871
126	Thomas Jefferson U.	78,410	89,626	88,936	102,974	109,083	112,078	107,388	106,986
127	ND State U. all campuses	44,696	50,063	64,882	72,105	91,812	102,115	103,011	103,778
128	OK State U. all campuses	83,108	88,285	90,311	94,987	103,079	103,915	99,436	100,323
129	U. AR main campus	61,585	70,817	78,303	83,063	82,277	88,918	98,138	99,271
130	U. NV, Reno	47,939	56,248	59,229	66,721	80,553	83,552	95,579	98,917
131	Drexel U.	22,397	24,876	27,698	44,465	69,548	76,120	88,049	96,687
132	U. MS all campuses	32,129 i	44,927	58,410 i	71,893 i	85,378	79,867	91,913	93,471
133	U. ME	41,452	54,821	64,070	62,149	68,923	81,216	75,066	93,153
134	U. WY	47,197	43,094	41,632	41,632 e	60,054	60,054 e	83,449	89,414
135	U. ID	62,531	61,347	67,496	76,758	85,213	93,246	91,009	86,863
136	Rush U.	60,957	68,189	70,219	79,394	89,196	89,254	83,693	83,194
137	Temple U.	53,940	52,466	60,182	63,850	71,327	76,055	83,062	79,736
138	U. of Notre Dame	30,483	34,524	46,096	52,371	59,803	74,255	71,266	78,553
139	NJ Institute of Technology	40,982	47,895	62,747	69,138	73,664	74,998	76,920	77,583
140	TX A&M U. System Health Science Ctr.	na	25,736	40,859	49,636	55,031	64,170	73,162	76,109
141	U. Houston	43,370	48,902	51,567	59,707	63,455	60,962	80,731	75,662
142	Southern IL U. Carbondale	33,169	36,354	43,207	53,604	53,018	53,953	57,434	74,520
143	NM Institute of Mining and Technology	26,061	23,636	28,392	36,309	37,186	38,476	56,134 i	73,792
144	San Diego State U.	45,579	55,002	58,332	64,302	67,053	66,710	73,887	73,777
145	U. RI	44,452	48,135	50,835	53,347	61,818	60,947	60,252	70,696
146	Rensselaer Polytechnic Institute	39,034	40,762	45,010	45,955	50,777	56,907	65,571	70,576
147	U. Dayton	36,937	39,345	41,343	46,554	52,943	63,734	67,445	69,080
148	Uniformed Services U. of the Health Sciences	22,898	23,987	23,247	28,630	30,604	89,999	78,694	67,716
149	Rice U.	41,069	41,840	42,675	48,169	52,367	60,872	63,102	66,564

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
150	Northeastern U.	30,209	35,340	34,467	38,540	42,931	47,283	63,514	66,495
151	FL International U.	25,061	34,649	44,291	47,654	52,175	63,545	76,678	65,805
152	U. MD Baltimore County	21,854	26,044	29,641	36,323	42,906	49,403	58,467	65,718
153	Medical C. GA	41,103	45,596	52,191	51,705	56,398	58,808	67,278	61,174
154	U. MD Biotechnology Institute	31,172	29,946	41,627	43,673	45,140	47,725	56,135	59,297
155	U. AL Huntsville, The	40,203	41,274	43,731	48,353	46,595	49,259	54,601	59,231
156	TX Tech U.	58,488	66,263	69,918	82,785	92,515	57,592	56,623	58,591
157	U. OR	32,695	35,934	36,881	43,723	44,604	51,956	52,657	57,153
158	U. NV, Las Vegas	20,170	24,215	27,008	30,527	42,205	45,429	48,343	57,031
159	Brandeis U.	48,305	47,658	52,818	47,122	50,841	51,498	54,136	57,017
160	Naval Postgraduate School	34,095 e	40,827 i	47,559 i	54,291 i	61,025	56,184 i	51,343	56,780
161	U. ND all campuses	16,999	17,343	19,692	33,973	41,803	49,595	46,798	56,074
162	U. MT-Missoula, The	24,372	29,590	33,535	39,367	43,562	51,078	54,685	52,903
163	GA State U.	36,523	36,600	38,960	44,564	45,653	45,415	50,262	52,690
164	C. of William and Mary all campuses	31,322	33,299	35,829	39,858	43,974	49,420	50,146	52,025
165	George Mason U.	26,766	26,793	32,881	38,849	44,980	46,210	42,630	50,381
166	Old Dominion U.	23,030	25,058	24,659	29,223	30,324	34,819	47,006	49,966
167	St. Louis U. all campuses	27,817	31,002	32,442	35,444	41,189	41,189 e	47,356	48,133
168	Wright State U. all campuses	23,131	29,092	32,033	30,962	34,860	38,052	40,328	47,711
169	U. LA Lafayette	30,735	32,692	32,073	47,796	43,769	55,218	44,620	47,308
170	Charles R. Drew U. of Medicine and Science	24,484	31,045	36,717	48,839	49,888	51,994	43,231	47,188
171	U. TX Dallas	16,028	15,684	15,684 e	26,198	30,748	31,274	43,111	44,198
172	U. Memphis, The	24,280	27,381	29,445	33,625	38,728	44,120	49,961	43,715
173	MI Technological U.	28,074	27,204	29,613	30,005	30,264	35,670	40,188	43,081
174	U. MD Ctr. for Environmental Science	26,816	31,605	36,635	38,501	38,344	39,631	41,022	40,146
175	U. Southern MS	16,211	17,706	20,286	25,685	35,049	35,908	37,881	39,163
176	Desert Research Institute	23,376	25,691	29,697	29,465	31,757	34,783	34,570	38,511
177	U. PR Medical Sciences Campus	17,114	21,373	23,913	29,089	31,124	34,092	35,809	38,424
178	Jackson State U.	8,823	12,027	25,663	25,445	28,843	31,641	35,876	38,273
179	OH U. all campuses	21,437	23,767	27,146	36,601	37,527	38,704	43,229	38,000
180	Loyola U. Chicago	29,001	30,034	37,156	37,607	37,581	36,134	40,551	37,669
181	U. MO-Rolla	25,893	25,968	28,799	32,222	35,999	41,242	38,337	37,384
182	SUNY Upstate Medical U.	15,099	17,095	17,294	22,326	25,931	32,090	34,931	37,181
183	Howard U.	23,557	27,254	30,148	35,387	37,577	41,404	41,609	36,465
184	Syracuse U. all campuses	39,640	40,063	42,476	45,870	48,846	58,276	62,020	36,100
185	Boston C.	21,726	27,767	30,768	31,754	32,158	32,158 e	31,588	35,659
186	U. AL, The	28,909	31,847	33,133	37,130	34,187	35,132	34,531	35,129

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
187	San Jose State U.	21,005 e	21,005 e	22,709	25,003	28,323	29,268	32,886	34,687
188	NY Medical C.	20,436	23,348	24,283	25,222	30,492	33,521	32,460	34,397
189	FL A&M U.	21,622	21,612	23,865	31,147	23,503	31,408	26,400	34,293
190	U. WI Milwaukee	21,325	20,010	23,492	24,933	27,259	28,268	32,748	34,033
191	Lehigh U.	27,902	25,506	29,058	22,687	29,211	32,048	36,709	33,469
192	SD State U.	15,599	16,784	19,717	20,085	27,652	30,962	32,042	33,275
193	Eastern VA Medical School	24,096	23,299	26,250	28,572	32,801	33,798	33,721	33,013
194	Meharry Medical C.	9,460	9,460 e	14,984 i	20,508	25,427	27,507	29,105	32,878
195	Loma Linda U.	18,818	24,369	24,183 i	23,996	26,296	29,651	29,898	32,451
196	U. TX El Paso	21,961	20,877	21,889	23,684	27,185	25,440	26,825	32,161
197	Wichita State U.	14,555	16,213	16,142	18,842	22,401	29,948	32,726	31,873
198	CUNY Hunter C.	15,934	15,047	19,964	25,905	32,704	34,931	33,024	31,308
199	SUNY Health Science Ctr. Brooklyn	28,840	31,626	31,626 e	31,153 i	30,680 i	30,207 i	29,732	31,064
200	U. Toledo	11,819	13,694	16,278	24,825	24,123	27,708	32,351	30,493
201	U. TX San Antonio	7,780	10,292	11,331	11,115	13,654	15,738	22,429	30,259
202	SUNY Binghamton	17,998	18,661	18,992	21,343	23,090	25,405	25,769	29,635
203	U. TX Arlington	11,450	10,723	17,486	15,097	15,102	19,003	28,971	29,267
204	FL Atlantic U.	17,151	19,535	25,111	23,995	25,946	23,767	27,388	28,896
205	Portland State U.	13,940	16,494	16,838	17,683	21,433	21,433 e	28,940	28,763
206	CO School of Mines	21,715	21,795	23,654	26,515	29,162	27,087	26,499	28,729
207	Hampton U.	7,472	9,323	9,158	11,067	18,673	31,645	42,969	28,705
208	CUNY The City C.	15,888	17,059	17,099	17,103	17,712	25,947	27,471	28,593
209	U. Akron all campuses	16,279	19,495	22,266	28,080	27,953	27,488	26,888	28,440
210	Morehouse School of Medicine	13,622	16,889	19,670	23,956	27,154	33,317	30,652	28,378
211	U. MA Lowell	19,413	19,334	20,656	22,827	22,783	22,163	23,852	27,635
212	Northern AZ U.	11,857	12,570	14,657	17,263	17,446	19,967	22,870	27,632
213	San Francisco State U.	5,000 e	5,223 e	5,223 e	14	12,500	42,903	23,655	27,333
214	U. MO-Kansas City	14,331	19,647	18,795	24,060	31,104	31,968	30,780	26,016
215	Brigham Young U. all campuses	23,985	17,237	19,171	21,228	22,557	23,565	23,961	25,973
216	Stevens Institute of Technology	13,794	15,879	13,855	13,855 e	18,334 i	22,814	22,997	25,848
217	Creighton U.	16,015	15,841	17,674	18,982	24,116	25,451	27,022	25,615
218	U. North TX Health Science Ctr. Ft. Worth	9,689	10,131	11,035	12,893	15,388	18,520	22,325	25,124
219	Southern IL U. Edwardsville	1,316	1,344	1,270	14,043	17,100	18,973	20,883	23,737
220	NC Agricultural and Technical State U.	14,741	13,400	15,629	15,353	17,304	19,534	22,936	23,698
221	IL Institute of Technology	13,438	13,734	14,722	19,909	25,744	22,948	25,498	22,646
222	U. SD	5,762	4,742	5,546	8,368	11,148	15,523	18,681	22,613
223	Rochester Institute of Technology	9,340 e	4,755	11,416	13,500	17,197	19,423	21,068	22,107
224	TX Tech U. Health Science Ctr.	NA	NA	NA	NA	NA	19,827	18,697	22,013

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
225	U. PR Rio Piedras Campus	9,885	9,308	10,341	9,736	11,473	12,417	20,546	21,609
226	Medical U. OH	12,467	13,747	15,276	17,040	18,233	20,159	21,034	21,567
227	U. PR Mayaguez Campus	55,648	34,683	18,627	19,939	20,029	16,686	20,492	21,080
228	U. MA Boston	11,132	12,058	11,672	13,121	15,793	15,460	18,148	21,056
229	U. Southern ME	1,366	1,366 e	4,479 i	7,592 i	10,705 i	13,818 i	16,931 i	20,045
230	Mercer U. all campuses	17,250	18,138	15,337	12,998	14,996	18,437	20,042	19,529
231	U. South AL	11,990 e	9,865	9,865 e	17,692	19,371	20,096	19,431	19,308
232	Miami U. all campuses	10,964	10,674	12,804	13,279	13,727	15,377	18,026	19,229
233	U. MA Dartmouth	5,820	6,905	9,488	15,030	16,476	18,074	19,452	19,171
234	Air Force Institute of Technology	4,316	7,771	8,311	9,243	12,454	13,001	14,666	18,783
235	U. NC Charlotte	9,041	7,790	7,905	8,773	12,599	17,425	16,042	18,463
236	Marshall U.	66	6,231	7,218	11,285	15,070	20,221	22,321	18,385
237	Western MI U.	13,727	14,230	14,976	19,023	21,571	13,912	17,518	18,005
238	Catholic U. America, The	13,317	9,329	17,539	22,883	24,475	23,610	21,489	17,662
239	U. of the VI	3,310	3,310 e	8,645 i	13,981	15,762	17,874	16,735	17,495
240	ID State U.	5,642	8,899	8,847	10,119	12,243	14,385	19,700	16,754
241	Northern IL U.	6,455	7,431	9,028	10,366	12,368	11,687	11,239	16,627
242	Albany Medical C.	10,377	11,522	12,836	13,104	13,394	15,562	15,465	16,227
243	Clarkson U.	6,989	7,751	8,322	8,322 e	7,466	14,703	13,826	16,143
244	LA Tech U.	7,659 e	10,228	9,986	12,110	15,055	16,118	15,832	15,276
245	U. North TX	7,487	9,108	14,224	13,227	13,990	11,958	12,617	14,819
246	Cleveland State U.	11,893 e	10,214	12,986	13,855	14,112	16,888	15,884	14,496
247	Worcester Polytechnic Institute	9,618	10,315	9,348	10,493	12,357	14,045	14,679	14,483
248	Polytechnic U.	9,050	15,500	8,277	10,915	11,271 i	11,627	15,295	14,479
249	AL A&M U.	11,562	8,238	11,977 i	15,717	36,856	17,429	16,075	14,431
250	TN State U.	10,762	11,285	12,791	15,262	14,306	15,255	14,669	14,096
251	East Carolina U.	9,014	8,461	10,535	11,513	12,520	13,296	14,240	14,061
252	Embry-Riddle Aeronautical U.	2,647 e	2,700 e	7,711	5,102	6,641	8,558	13,325	13,957 i
253	U. NC Wilmington	7,647	7,859	10,307	14,568	12,762	14,381	20,617	13,609
254	Morgan State U.	1,066	4,371	2,390	1,674	7,493	8,580	9,544	13,523
255	TX A&M U. Kingsville	6,397	7,404	6,919	8,208	10,203	11,102	13,389	13,343
256	TX A&M U. Corpus Christi	ne	5,999	5,606	9,124	10,281	12,266	8,845	12,654
257	SUNY C. of Environmental Science and Forestry	25,385	26,663	27,854	26,337	26,783	19,419 i	12,054	12,643 i
258	SD School of Mines and Technology	4,161	5,743	6,922	9,692	10,853	10,626	13,347	12,589
259	CA State Polytechnic U. San Luis Obispo	11,892	12,133	12,193	14,002	13,598	9,417	11,235	12,529
260	Southern Methodist U.	9,401	9,713	8,948	9,774	9,890	10,432	11,839	12,475
261	U. Tulsa	10,040	10,054	12,553	11,603	11,527	15,375	12,740	12,358

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
262	U. MO-St. Louis	10,294	9,898	10,084	11,519	12,819	12,429	12,056	11,713
263	Tuskegee U.	9,223	8,893	9,539	9,965	10,067	11,519	10,966	11,651
264	Prairie View A&M U.	10,157	9,464	11,297	10,444	11,193	10,989	11,810	11,444
265	Teachers C. Columbia U.	7,206	8,561	9,676	10,409	9,603	9,684	10,669	11,411
266	Clark Atlanta U.	19,467	16,891	17,173	17,194	12,760	13,576	12,790	11,155
267	CA State U. San Bernardino	3,301	1,797	1,906	3,740	7,576	8,755	8,905	11,120
268	Kent State U. all campuses	11,083	10,817	11,316	12,868	14,549	12,712	11,045	11,076
269	Rosalind Franklin U. of Medicine and Science	6,764	7,587	8,037	8,645	9,923	10,614	11,920	10,981
270	U. Denver	10,247	8,383	12,944	10,539	9,949	12,500	11,716	10,581
271	U.S. Air Force Academy	3,761	4,551	5,323	25,589	27,198	29,998	29,438	10,547
272	Marquette U.	6,469	7,653	7,236	9,807	11,385	9,652	10,338	10,445
273	CA State U. Long Beach	31,283	32,551	3,995	8,026	13,732	9,877	9,594	10,322
274	Bowling Green State U. all campuses	3,454	3,454 e	5,028	5,327	7,336	8,271	9,746	9,912
275	CA State U. Fresno	11,450	11,598	4,531	9,398	13,558	15,211	13,498	9,749
276	TN Technological U.	9,204	8,878	9,347	9,823	9,609	8,779	9,312	9,575
277	U. AR Little Rock	ne	3,400 e	2,088	2,088 e	24,284	4,127	4,345	9,331
278	Oakland U.	6,422	6,422 e	7,397	6,869	6,175	6,616	6,505	9,169
279	CA State U. Los Angeles	535	9,062	5,557	7,933	7,073	8,728	10,130	8,956
280	U. AK Anchorage all campuses	4,782	4,782 e	8,233 i	11,685 e	12,326	13,285	13,594	8,844
281	Universidad Central del Caribe	4,660	5,677	6,943	7,103	8,274	9,797	9,181	8,790
282	Western KY U.	3,287	3,770	4,165	5,281	4,263	5,729	6,607	8,701
283	Ball State U.	2,056	2,429	3,071	4,008	3,878	7,483	8,490	8,625
284	Duquesne U.	2,025	2,662	5,003	5,955	6,848	8,082	8,096	8,345
285	VA State U.	2,611	4,422	5,066	7,144	7,209	5,953	5,048	8,189
286	Stephen F. Austin State U.	4,892	5,289	4,994	5,582	4,954	3,663	4,144	8,171
287	Wesleyan U.	5,373	5,673	5,846	5,614	6,682	7,741	8,036	8,170
288	Tarleton State U.	3,905	3,872	6,607	7,871	8,534	7,194	8,512	8,069
289	East TN State U.	3,351	6,494	8,222	11,701	12,971	7,788	8,098	7,943
290	U. Baltimore	ne	ne	ne	ne	ne	ne	7,754	7,856
291	Boise State U.	3,501	3,480	6,153	6,446	7,583	9,126	9,162	7,848
292	U. HI Hilo	NA	NA	NA	10,841	5,317	4,978	9,596	7,843
293	FL Institute of Technology	5,830	6,058	6,195	6,669	8,004	7,801	7,539	7,684
294	U. GU	2,829	4,130	3,752	4,571	6,989	9,458	8,531 i	7,604
295	U. CA, Merced	na	na	na	na	na	na	4,468	7,527
296	CA State U. Northridge	3,230	6,190	6,190 e	10,619	11,638	10,305	8,767	7,490
297	CUNY Queens C.	3,083	3,827	4,595	6,718	6,430	6,819	6,876	7,432
298	Villanova U.	3,950	5,280	5,380 i	5,481 e	6,000 i	6,455 i	6,902 i	7,122 i
299	TX State U. San Marcos	3,597	4,507	8,884	8,109	7,621	9,130	7,261	7,034

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
300	DE State U.	2,765	3,415	2,494	3,162	3,944	4,678 i	5,412	7,016
301	U. Central AR	ne	1,758	2,405	2,306	3,229	3,559	3,950	7,002
302	New School, The	5,230	5,209	5,791	5,791 e	3,435	5,642	5,889	6,950
303	U.S. Naval Academy	2,316	2,786	3,140	2,324	3,451	5,985	6,623	6,850
304	U. AR Pine Bluff	4,151 e	4,695 i	5,240	5,976	6,543	6,246	6,685	6,774
305	NC Central U.	825 e	1,649 i	2,473 i	3,297 i	4,121 i	4,945 i	5,769 i	6,597
306	Alcorn State U.	5,223	8,034	7,370	5,809	7,619	7,622	6,256	6,593
307	Humboldt State U.	5,557	5,557 e	5,714 i	5,871 i	6,028 i	6,185 i	6,342 i	6,500
308	Western WA U.	3,894	3,433	3,560	4,019	4,716	4,519	4,711	6,453
309	Nova Southeastern U.	3,106	2,919	2,594	3,327	4,752	5,139	5,789	6,445
310	CA State U. Bakersfield	200 e	3,703	3,703 e	4,344 i	4,985 i	5,626 i	6,268	6,379
311	MT Tech of the U. MT	4,613	4,155	4,616	4,797	6,155	5,952	5,947	6,372
312	Alfred U. all campuses	5,857	6,442	6,678	6,916	6,360	6,395	8,239	6,347
313	Baylor U.	2,032 e	3,307	2,698	3,868	4,203	5,242	6,364	6,133
314	U. NC Greensboro	2,368	2,368 e	3,881	4,454	3,454	3,762	4,843	6,059
315	Fordham U.	3,134	3,584	3,639	3,793	3,814	3,391	3,413	6,033
316	Morehouse C.	2,853	2,853 e	2,994 i	3,135 i	3,276 i	3,417 i	3,559	6,008
317	AR State U. main campus	1,527	1,203	1,347	1,278	2,634	4,572	4,035	6,007
318	Fisk U.	4,034	3,401	2,722	3,030	3,000	5,000	6,000	6,000
319	C. Charleston	2,100	3,047	3,069	3,295	3,716	4,875	4,433	5,719
320	Ponce School of Medicine	3,105	3,403	3,842	4,365	7,491	10,140	7,840	5,573
321	Lincoln U. (Jefferson City, MO)	2,686	2,502	2,236	3,291	2,601	2,181	2,656	5,395
322	Clark U.	2,651	2,908	3,039	3,418	5,638	5,638 e	4,480	5,304
323	Northeastern OH Universities C. of Medicine	3,389	4,011	4,532	4,525	4,364	5,601	5,703	5,294
324	Southwest MO State U.	1,324	1,324 e	1,550	1,888	1,423	2,935	6,367	5,188
325	Norfolk State U.	2,995	3,408	3,984	4,967	4,532	6,200	6,758	5,144
326	U. DC	3,394	2,737	3,001	4,223	4,125	4,693	4,426	5,065
327	U. TX-Pan American	1,684	1,688	2,279	2,336	2,920	3,747	4,038	5,006
328	IL State U.	4,326	4,434	3,902	3,848	3,963	4,498	5,203	4,874
329	James Madison U.	1,781	1,121	1,449	2,867	4,484	5,442	5,009	4,799
330	Rose-Hulman Institute of Technology	1,132	4,994	18,540	7,912	13,201	6,388	4,914	4,700
331	CUNY Brooklyn C.	5,293	6,342	6,442	6,217	5,575	3,917	3,731	4,621
332	Rowan U.	ne	ne	ne	ne	6,011	6,177	4,944	4,581
333	West TX A&M U.	2,267	1,751	4,515	5,261	4,734	3,879	3,463	4,523
334	CA State U. Fullerton	3,632 i	5,515 i	7,398 i	9,282	5,318	4,432	4,167	4,522
335	Wheeling Jesuit U.	ne	ne	ne	ne	ne	ne	4,265 i	4,499 i
336	CUNY Herbert H. Lehman C.	1,370	1,632	2,255	2,955	3,981	3,291	4,019	4,476

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
337	U. MD Eastern Shore	2,508	3,895	5,626	5,905	5,124	5,272	5,568	4,454
338	U. PR Humacao	ne	ne	ne	ne	ne	3,382	3,540	4,429
339	U. West FL	4,588	6,248	7,395	8,652	15,354	7,805	9,712	4,429
340	Langston U.	2,340	2,553	2,863	3,975	4,332	3,578	4,371	4,416
341	U. LA Monroe	8,135	8,135 e	7,373 i	6,611 i	5,849 i	5,086	5,524	4,376
342	CA State U. Sacramento	ne	ne	ne	ne	0 i	ne	ne	4,372 i
343	Southern U. and A&M C. all campuses	9,296	8,302	7,306 i	6,310 i	5,314 i	4,317	4,333 i	4,350
344	TX Southern U.	2,507	2,182	2,468	4,189	3,088	4,088	4,641	4,299
345	Bryn Mawr C.	3,929	2,791	3,066	3,502	4,705	5,664	4,400	4,254
346	U. of the Pacific	999	1,020	1,241	1,891	1,877	2,961	3,750	4,161
347	St. Francis U. (Loretto, PA)	ne	ne	ne	ne	ne	ne	4,981	4,114
348	U. North FL	ne	ne	1,222	2,061	4,421	3,029	3,448	4,110
349	CA State U. Monterey Bay	ne	ne	1,911	1,911 e	2,644	3,002	4,045	4,107
350	TX Christian U.	4,061	3,050	3,678	3,300	3,693	3,960	4,216	4,090
351	Williams C.	1,853 e	1,853 e	2,407 i	2,961	3,295	3,130	3,459	4,074
352	OR Institute of Technology	ne	ne	ne	1,025	1,752	2,378	3,018	4,047
353	Central MI U.	755	755 e	2,032	2,252	2,339	5,681	4,938	4,033
354	Wellesley C.	5,128 i	5,313 i	5,498	5,498 e	5,733	5,714	4,252	4,032
355	Xavier U. LA	3,294	3,425	5,113	6,413	5,515	5,585	4,784 i	3,982
356	DePaul U.	1,028	863	1,628	2,389	3,086	3,748	4,321	3,957
357	CUNY Graduate Ctr.	1,098	739	2,906	2,391	3,068	5,106	5,943	3,913
358	Smith C.	1,107	2,582	2,578	1,827	2,194	2,631	2,749	3,884
359	SC State U.	2,900	2,915	2,915 e	2,931	3,225	3,548	3,796	3,796
360	NY Institute of Technology all campuses	370	390	571	380	1,928 i	3,476	3,505	3,613
361	Eastern MI U.	1,512	4,118	2,992	3,164	4,051	3,266	5,910	3,580
362	Kettering U.	647	625	1,161	1,311	1,295	661	1,758	3,473
363	Amherst C.	1,498	1,859	1,802	2,115	2,115 e	2,604	2,725	3,388
364	Grand Valley State U.	992	1,138	1,161	2,374	2,237	4,408	3,354	3,375
365	Murray State U.	1,966	2,084	2,331	2,112	2,778	4,059	3,506	3,364
366	KY State U.	713 e	2,354 i	3,996	6,188	6,395	3,298	3,044	3,340
367	Lamar U.	3,739	3,204	3,441	4,030	4,029	3,365	3,375	3,277
368	U. NC Asheville	742	861	1,269	1,232	1,108	1,644	3,021	3,192
369	CA State U. Dominguez Hills	8,517	998	4,311	3,970	4,503	5,320	3,088	3,190
370	FL Gulf Coast U.	ne	ne	ne	ne	ne	1,407	2,678	3,133
371	Claremont Graduate U.	1,870	2,416	2,369	1,949	1,652	2,295	2,677	3,100
372	Spelman C.	2,007	2,082	3,406	3,082	2,298	2,481	2,759	3,084
373	St. Joseph's U.	311	975	1,628	2,703	2,660	3,250	3,195	3,037
374	Milwaukee School of Engineering	1,776	2,020	2,117	2,499	2,448	3,146	2,628	2,933

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
375	Hope C.	1,039	922	1,417	1,514	1,457	2,213	2,060	2,926
376	Long Island U. all campuses	1,406	1,267	1,201	1,477	1,769	1,377	1,684	2,880
377	Bucknell U.	1,335	1,835	1,791	1,900	2,123	1,817	1,820	2,841
378	U. WI La Crosse	1,113	1,404	1,563	1,939	1,483	1,963	3,246	2,838
379	CA State U. East Bay	1,632 i	1,904 i	2,176 i	2,455	1,559	2,160	3,259	2,833
380	Southern CT State U.	188	596	596 e	361	2,911	424	2,671	2,821 i
381	Pittsburg State U.	1,614	1,663	2,161	1,951	1,894	2,101	2,522	2,810
382	Midwestern U. (Chicago, IL)	1,701	2,470	2,421	2,562	2,725	2,816	3,204	2,786
383	CA State U. Chico	3,106	2,390	3,904	5,486	4,427	4,500 e	2,620	2,767 i
384	Barnard C.	1,181	1,347	1,376	1,064	1,516	1,516 e	3,068	2,742
385	Sul Ross State U.	630	796	779	767	838	1,058	2,375	2,676
386	Black Hills State U.	ne	ne	ne	ne	ne	1,184	1,566	2,628
387	Pomona C.	1,619	1,791	1,298	2,063	1,962	1,996	2,153	2,584
388	Ft. Valley State U.	2,937	2,768	2,768 e	2,985	2,892	2,596	2,497	2,570
389	U. Northern CO	701	1,128	1,265	1,376	2,240	1,966	2,269	2,566
390	Mt. Holyoke C.	1,721	1,835	1,734	2,644	3,174	2,877	3,179	2,563
391	CA State Polytechnic U. Pomona	1,069	1,703	2,498	2,806	3,922	4,059	2,765	2,502
392	WV State U.	55	55 e	63 e	519 i	975 i	1,433	2,537	2,467
393	American U.	2,987	2,245	2,565	4,420	2,517	1,745	1,542	2,410
394	Seton Hall U.	1,116	996	826	1,200	1,779	1,941	3,418	2,395
395	Swarthmore C.	996 e	996 e	966	1,574	1,717	2,200	1,992	2,385
396	Macalester C.	1,474 i	1,695 i	1,923	3,024	2,091	2,371	2,081	2,351
397	Savannah State U.	513	905	2,181	2,206	2,150 i	2,094	2,421	2,342
398	U. WI Stevens Point	1,302	1,227	1,827	1,849	1,980	2,042	1,926	2,335
399	Central State U.	1,497 e	560 e	763 i	966 i	1,169 i	1,372 i	1,579	2,320
400	Albany C. of Pharmacy	ne	1,360	1,208	906	894	855	2,565	2,307
401	Harvey Mudd C.	5,699 e	5,699 e	4,820 i	3,941 i	3,062 i	2,180 e	1,738	2,301
402	CUNY C. Staten Island	979	1,208	1,635	1,944	2,540	2,730	2,577	2,282
403	Bowdoin C.	510	576	512	1,176	1,673	2,073	2,254	2,281
404	IN State U. all campuses	4,977	4,196	1,504	1,220	1,369	1,680	1,473	2,271
405	St. Cloud State U.	1,935 e	1,935 e	2,066 i	2,197 i	2,329	2,005	2,657	2,224
406	Central WA U.	1,731	2,006	1,880	1,738	2,698	3,134	1,893	2,183
407	Appalachian State U.	621	694	752	781	986	555	1,076	2,158
408	Southeastern LA U.	976	1,057	645	836	900	1,681	1,714	2,150
409	Lawrence Technological U.	344	821	681	539	471	655	917	2,137
410	Chicago State U.	1,266	1,263	1,415	1,297	1,155	1,493 i	1,832	2,119
411	Middle TN State U.	618	733	799	479	2,219	2,421	2,166	2,015

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
412	Gallaudet U.	2,348	1,752	1,824	1,950	2,013	1,804	2,202	2,013
413	Eastern WA U.	2,356	2,108	2,620	2,275	1,156	1,339	1,711	1,999
414	Union C. (Schenectady, NY)	1,043	1,002	1,045	2,316	2,086	4,068	2,571	1,992
415	SUNY C. Plattsburgh	793	996	1,118	1,061	1,494	1,224	1,823	1,985
416	TX Woman's U.	2,179	3,005	2,898	2,822	2,932	2,120	1,871	1,975
417	Sam Houston State U.	3,892	3,053	2,441	2,976	2,404 i	1,832 i	1,258	1,958
418	Bowie State U.	2,675	2,675 e	2,207	2,330	2,206	1,883	2,033	1,951
419	U. Richmond	1,099	1,178	1,271	1,786	1,470	1,625	2,097	1,923
420	SUNY C. of Optometry	1,135	1,001	1,435	1,750	3,187	2,435	2,481	1,913
421	Bradley U.	1,341	1,371	1,197	1,928	1,755	1,638	1,606	1,905
422	Western Carolina U.	501	580	763	653	577	2,414	1,516	1,905
423	AL State U.	1,365	1,365 e	1,433 e	1,433	1,633	1,688	1,900	1,900
424	Winston-Salem State U.	1,712	3,447	6,057	2,022	2,022 e	2,073 e	2,176 i	1,864 i
425	U. WI Superior	505	380	404	889	1,057	1,136	1,140	1,844
426	Colgate U.	ne	1,664	1,694	1,544	1,425	1,927	1,308	1,837
427	Northern KY U.	185	115	142 i	169	434	876	1,368	1,820
428	Shaw U.	100	100 e	487 i	874 i	1,261	1,270	1,864	1,815
429	GA Southern U.	833	944	841	1,127	2,488	2,042	2,078	1,812
430	Fairfield U.	953 i	1,061	1,648	810	1,024	1,926	1,897	1,806
431	Carleton C.	927	1,245	1,176	1,688	1,965	1,897	2,039	1,785
432	Loyola C.	1,445	1,724	954	1,140	454	935	1,729	1,784 i
433	SUNY C. Old Westbury	691	1,310	1,310 e	1,214	1,295	1,326	1,565	1,765
434	New England C. of Optometry	1,643	1,228	1,608	2,154	2,166	2,297	1,870	1,711
435	SUNY C. Buffalo	1,689	1,683	1,552	1,969	2,610	2,375	1,977	1,699
436	Monmouth U.	357	357 e	118	85	316 i	547 i	779	1,693
437	Montclair State U.	347 i	396	766	889	1,008 i	1,128	1,511	1,693
438	Santa Clara U.	2,326 i	2,509 i	2,723 i	3,024 i	3,364 i	ne	1,632 i	1,684 i
439	Ithaca C.	2,066	2,565	2,034	2,513	2,187	2,152	1,814	1,657
440	Franklin & Marshall C.	1,424	1,188	698	989	1,028	1,300	2,225	1,645
441	PA C. of Optometry	307	581	800	992	1,226	1,509	1,149	1,642
442	U. Hartford	773	1,061	1,068	1,130	1,336	1,136	1,360	1,633
443	Lafayette C.	600	665	1,008	1,344	2,065	1,806	1,610	1,612
444	Loyola Marymount U.	ne	ne	ne	ne	674	736	621	1,599
445	Western U. of Health Sciences	295 e	332 i	369	1,132	1,005	1,330	946	1,575
446	Bates C.	754	598	940	1,217	1,340	1,006	1,077	1,549
447	Calvin C.	1,033	1,191	1,300	1,509	1,714	1,907	1,857	1,540
448	St. John's U. (Jamaica, NY)	1,617	1,184	1,184 e	1,313 i	1,442 i	1,571 i	1,702	1,538
449	U. New England	ne	ne	ne	ne	ne	ne	ne	1,528

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
450	CUNY York C.	1,392	1,341	1,117	1,664	1,829	1,710	1,513	1,525
451	Hamilton C. (Clinton, NY)	751 i	1,027	931	1,821	1,459	1,393	1,742	1,504
452	Colby C.	355	392	968	2,929	1,294	995	1,241	1,482
453	Jacksonville State U.	ne	ne	ne	ne	ne	ne	1,089	1,470
454	Albany State U.	1,019 e	1,393	1,972	1,987	2,178	2,619	2,091	1,455
455	Occidental C.	862	826	1,543	2,503	2,633	2,371 i	2,109	1,449
456	A.T. Still U. of Health Sciences	743	816	907	1,134	691	839	1,206	1,439
457	Furman U.	365	793	719	1,414	1,136	1,556	1,477	1,433
458	NM Highlands U.	2,712	6,511	2,235	2,706	2,598	2,032	1,202	1,419
459	U. San Francisco	500 e	700	700 e	695 i	690	1,163	1,082	1,376
460	Eastern OR U.	ne	ne	ne	398	226	288	834	1,352
461	Morehead State U.	983 i	1,107 i	1,231 i	1,355 i	1,487	1,443	2,254	1,332
462	U. WI Green Bay	478	543	602	900	1,122	1,739	1,416	1,328
463	Benedict C.	966 i	1,143	1,044	1,061	1,071	1,035	1,494	1,314
464	Youngstown State U.	468	532	849	1,259	1,398	1,831	1,382	1,308
465	Rider U.	ne	891	884	939	912	1,276	1,096	1,287
466	U. of the Sciences Philadelphia	358 e	532	573	833	453	544	704	1,260
467	C. of the Holy Cross	252	371	664	532	490	683	505	1,254
468	Coastal Carolina U.	ne	1,277	1,038	1,100	940	1,260	656	1,210
469	Trinity U.	867	1,241	1,241 e	474	935	1,428	1,386	1,206
470	U. Northern IA	1,542	1,744	1,961	2,254	1,821	1,424	1,353	1,205
471	C. NJ, The	ne	ne	ne	2,686	2,313 i	1,940 i	1,567 i	1,193
472	Kansas City U. of Medicine and Biosciences	885 e	677	1,166	1,436	1,020	1,098	944	1,183
473	U. Redlands	ne	ne	ne	2,728	1,848	2,038	1,413	1,172
474	U. WI Eau Claire	604	684	514	839	1,131	1,056	1,146	1,154
475	Western IL U.	10,049	8,489	7,759	7,042	1,350	1,404	1,190	1,154
476	Hampshire C.	2,900	2,658	3,152	3,224	2,754	3,051	2,723	1,145
477	CT C.	564 i	696 i	828 i	960 i	1,092 i	1,224 i	1,358	1,127
478	Nicholls State U.	ne	504	687	820	690	1,075	1,475	1,121
479	CUNY Baruch C.	526	375	375 e	762	507	687	896	1,118
480	Reed C.	400 e	716	814	1,145	1,129	1,295	1,237	1,118
481	U. WI Oshkosh	603	585	670	662	942	1,252	1,067	1,115
482	U. IL Springfield	ne	910	2,025	2,324	1,324	1,491	1,208	1,083
483	Roger Williams U. Bristol	ne	ne	ne	ne	ne	352	849	1,050
484	U. West GA	1,442 i	1,655	1,360	1,029	1,034	1,027	1,327	1,042
485	Towson U.	1,452	2,138	2,282	2,449	1,265	614	2,041	1,038
486	SUNY C. Geneseo	543	686	644	682	1,366	862	951	1,036

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
487	Philadelphia C. of Osteopathic Medicine	1,050	930	935	891	836	961	973	1,034
488	Northeastern State U.	ne	ne	ne	1,314	1,283	1,035 i	786	1,031
489	SUNY C. Oswego	542	744	783	1,112	1,207	2,055	1,010	1,024
490	U. Scranton	3,114 i	3,367 i	3,620 i	3,873	2,599	1,528	1,369	999
491	Haverford C.	1,104	1,191	1,178	1,215	1,428	1,679	1,259	967
492	C. Wooster	379	593	286	362	413	281 e	570	966
493	Drake U.	349	468	366	1,053	1,053 e	1,255	901	966
494	Clafin U.	555	555 e	2,074	203	293	255	222	930
495	MT State U. Billings	ne	ne	ne	ne	ne	ne	694 i	919
496	Vassar C.	1,156 i	1,716	1,716 e	1,554 i	1,392 i	1,230 i	1,068 i	902
497	Des Moines U.	673	417	767	767 e	676	676 e	787 i	899
498	Eastern KY U.	36,708	640	770	666	506	345	486	894
499	Augustana C. (Sioux Falls, SD)	327 i	320 i	313 i	304	324	288	644	892
500	MN State U. Mankato	564	607	751	1,054	768	929	549	880
501	Governors State U.	ne	ne	ne	ne	ne	ne	237	877
502	Universidad del Turabo	ne	ne	ne	ne	ne	ne	150 i	864
503	Philadelphia U.	ne	ne	ne	ne	ne	ne	227 i	858
504	TX A&M U. Commerce	168	327	262	263	303	267	608	858
505	Lewis and Clark C.	600	529	420	593	622	399	479	854
506	St. Olaf C.	506	544	453	847	710	516	643	854
507	Dickinson C.	948	739	1,528	1,475	1,550	1,608	1,163	847
508	U. Central OK	1,173	509	795	810	180	157	216	841
509	SUNY C. Brockport	676	722	722 e	739 i	757	755	659	839
510	Chapman U.	337 i	373	460	1,068	1,016	965	839	833
511	Northwestern Health Sciences U.	ne	ne	ne	ne	ne	ne	ne	820
512	Andrews U.	290 e	444	712	597	469	584	533	819
513	Mercyhurst C.	ne	ne	ne	ne	ne	ne	ne	819
514	VA Military Institute	394	470	613	695	904	543	662	815
515	Oberlin C.	627 i	691	325	439	471	381	1,059	810
516	Jarvis Christian C.	56	55	55 e	30	335	247	ne	806
517	U. Portland	387	552	719	639	543	634	477	801
518	Seattle U.	445 i	504 i	563 i	622 i	681 i	744	764	800 i
519	U. TX Tyler	ne	ne	ne	ne	ne	ne	440	795
520	MS Valley State U.	495	834	1,316	1,030	636	493	606	794
521	Sinte Gleska U.	ne	ne	ne	ne	ne	ne	732	793
522	Christopher Newport U.	ne	ne	ne	ne	2,055	2,029	1,941	789
523	U. Houston-Clear Lake	5,963	7,091	11,519	8,362	1,224	754	743	789
524	CUNY John Jay C. of Criminal Justice	1,442	1,274	1,070	844	930	900	932	779

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
525	Skidmore C.	236	314	250	519	632	785	1,138	772
526	Ft. Lewis C.	243	191	314	286	231	227	519	770
527	Southern OR U.	320	301	200	585	741	836	1,015	760
528	Roanoke C.	ne	ne	ne	ne	476	554	518	741
529	Hofstra U.	716	787	661	661 e	678 i	695 i	712 i	730
530	Fuller Theological Seminary CA	80	80 e	298 i	516 i	734 i	952 i	1,174	729
531	U. AK Southeast all campuses	593 i	682 i	771 i	868 e	1,171	968	639	720
532	Elizabeth City State U.	1,040	1,558	1,248	1,058	1,103	1,044	929	703
533	Grinnell C.	4,300	1,500	560	1,098	977	964	1,079	699
534	Valparaiso U.	569	725	391	349	356	551	488	699
535	MA C. of Pharmacy and Health Sciences	89 e	253 i	417	392	1,043	457	574 i	691
536	Hendrix C.	380 i	430 i	480 i	530 i	580 i	631	550	685
537	Angelo State U.	ne	ne	ne	ne	ne	ne	ne	677
538	Truman State U.	754 e	665 i	576 i	487	521	588	524	672
539	Allegheny C.	734	318	1,023	1,306	974	1,007	751	638
540	Sonoma State U.	134	150	736	341	493	260	650	637
541	CUNY Medgar Evers C.	ne	291	756	992	670	568	707	636
542	Fayetteville State U.	265	507	589	311	586	166	821	632
543	Mercy C.	ne	ne	ne	ne	ne	ne	339 i	618
544	Lincoln U. (Lincoln University, PA)	972	709	620	718	704	526	526	606
545	U. WI Platteville	116 i	171 i	226 i	281 i	336 i	391 i	447	605
546	National U. of Health Sciences	ne	ne	ne	577	620	401	165	597
547	Trinity C. (Hartford, CT)	1,552	1,010	1,010 e	464	856	768	1,215	593
548	Southern U. New Orleans	ne	183	680	937	587	556	592	592
549	CO State U. Pueblo	979	724	753	597	628	786	663	586
550	Mt. St. Mary's C. (Los Angeles, CA)	ne	ne	ne	ne	ne	492	570	581
551	Augsburg C.	303	337	497	655	734	493	606	579
552	Central CT State U.	214 i	218	259	283	355	388	812	573
553	Sarah Lawrence C.	ne	ne	ne	ne	ne	ne	ne	568
554	Grambling State U.	1,997 e	2,264	2,264 e	2,452	2,218	1,934	1,784	567
555	Pace U. all campuses	571	289	378	425	425 e	1,099	1,053	566
556	Ursinus C.	ne	ne	ne	ne	ne	ne	ne	562
557	Oakwood C.	567	567 e	567 i	567 i	479 i	501 i	528 i	557 i
558	Mills C.	ne	ne	ne	ne	ne	ne	ne	550 i
559	Evergreen State C.	698 i	766	487	441	511	354	647	548
560	Marist C.	ne	ne	ne	ne	ne	ne	520 i	545 i
561	U.S. Coast Guard Academy	570	405	468	1,128	1,166	866	660	542

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
562	U. Houston-Downtown	1,096	837	837 e	1,054	661	627	329	509
563	West Liberty State C.	ne	ne	ne	ne	ne	ne	ne	508
564	Manhattan C.	485	509	509 e	257	257 e	381 i	505	504
565	Maharishi U. of Management	0	1,632	1,612	3,112	2,541	2,541 e	492	499
566	U. San Diego	343	545	240	2,686	1,046	895	1,683	499
567	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	ne	ne	ne	ne	497
568	Bridgewater State C.	260	585	371	473	419	258	230	495
569	Southeastern OK State U.	ne	ne	ne	ne	231	383	485	487
570	SUNY C. Cortland	82	362	378	353	446	392	563	487
571	John Carroll U.	1,072	1,072 e	515	823	442	478	506	474
572	Lawrence U.	434 i	439 i	444 i	449 i	454 i	459 i	464 i	474
573	Millsaps C.	ne	ne	ne	ne	ne	ne	150 i	471
574	U. Detroit Mercy	1,870	1,767	1,236	746	548	548 e	507 i	466
575	Gustavus Adolphus C.	222	143	284 i	425 i	566 i	707	487	463
576	Tougaloo C.	1,227	895	1,007	898 i	789 i	680 i	571 i	461
577	Northwestern State U.	383 i	394 i	405 i	416 i	427 i	438 i	449 i	460
578	Gettysburg C.	ne	ne	ne	ne	ne	ne	688	454
579	Siena C.	ne	ne	ne	ne	ne	ne	ne	447 i
580	Saginaw Valley State U.	855 i	767 i	679 i	591	442	332	350	443
581	Simmons C.	937	912	710	872	978	892	433	442
582	Canisius C.	176 i	212 i	248 i	284 i	320 i	356 i	392 i	434
583	U. WI River Falls	231	152	288	332	331	345	345	434
584	Providence C.	86	86 e	154 i	223	223 e	286	346	432
585	Universidad del Este	ne	ne	ne	ne	ne	ne	ne	432
586	U. Puget Sound	303 i	319 i	335 i	351 i	367 i	398	319	431
587	St. Mary's C. MD	ne	447	251	274	335	322	459	417
588	Whitman C.	492	483	469	278	619	714	595	416
589	Pacific U.	0	264	299	157	823	622 i	421	402
590	Washington and Lee U.	437 i	446 i	455 i	464 i	473 i	482 i	501	402
591	Rhodes C.	277 i	278 i	279 i	280 i	281 i	282 i	286	400
592	OH Wesleyan U.	255	255 e	269 i	284	284 e	371 i	459	396
593	McNeese State U.	699	639	471	709	743	834	614	392
594	U. WI Parkside	158	362	575	769	559	608	577	378
595	Point Loma Nazarene C.	162 i	165	186	102	155 i	208 i	261	376
596	Denison U.	314	328	384	373	546	415	395 i	375
597	Willamette U.	58	266	344	254	276	228	154	375
598	Loyola U. New Orleans	405 i	432 i	459 i	486 i	513 i	540 i	567	372
599	Indiana U. PA all campuses	389	731	756	794	841	2,368	684	368

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
600	U. of St. Thomas (St. Paul, MN)	78	143 i	209	243	192	281	324	368
601	Kalamazoo C.	318 i	357 i	396 i	435 i	474 i	519	422	364
602	Kennesaw State U.	142	249	298	221	300	374	477	361
603	Bluefield State C.	0	0	0	0	54	156	359	356
604	IL Wesleyan U.	ne	ne	ne	ne	ne	ne	322	339
605	Jacksonville U.	ne	ne	ne	ne	ne	ne	ne	337
606	Arcadia U.	ne	ne	ne	ne	ne	ne	324 i	334 i
607	U. WI Stout	976	1,236	1,070	1,358	1,437	1,144	415	332
608	Muhlenberg C.	ne	ne	ne	ne	ne	ne	230	326
609	Eastern IL U.	ne	0 e	ne	ne	ne	315 i	303 i	320 i
610	Universidad Metropolitana	ne	ne	ne	ne	ne	ne	2,677 i	298
611	Davidson C.	289 i	290 i	291 i	292 i	293 i	294 i	295 i	296
612	AR Tech U.	598	419	526	526 e	684 i	842	299	292
613	Lake Forest C.	190	399	375	283	271	561	242	291
614	Juniata C.	164	168	171 e	283	530	898	721	289
615	Cheyney U. PA	133 i	152 i	171 i	190 i	209 i	228 i	247 i	278
616	Pitzer C.	297	383	322	287	343	320	205	269
617	WV School of Osteopathic Medicine	99	132	129	182	188	245	270	266
618	Wabash C.	ne	ne	ne	ne	ne	454	464	265
619	Radford U.	181	624	665	562	294	195	ne	262
620	SUNY Fredonia	92	194	224	235	271	193	175	262
621	U. NC Pembroke	ne	ne	ne	ne	ne	ne	ne	258
622	Heritage U. (Toppenish, WA)	ne	ne	ne	ne	ne	ne	266	254
623	Johnson C. Smith U.	8,659	287	195	0	0	ne	166 i	251
624	U. WI Whitewater	148	272	260	236	224	341	305	247
625	Troy U. main campus	ne	ne	ne	ne	ne	ne	ne	246
626	West Chester U. PA	769	794	794 e	1,115	883	1,956	457	244
627	La Salle U.	244	126	294	20	104	260	ne	243
628	Mayville State U.	ne	ne	ne	ne	ne	ne	185	243
629	Abilene Christian U.	272	252	319	254	231	229	233	241
630	Berry C.	ne	ne	ne	ne	ne	ne	ne	240
631	Northeastern IL U.	101	184	274	216	168	206	227	239
632	Wilkes U.	ne	ne	ne	95	427	300	ne	231
633	Augustana C. (Rock Island, IL)	88 i	118 i	148 i	178 i	212	599	300	212
634	King's C. (Wilkes-Barre, PA)	141 i	151 i	161 i	171 i	181 i	191 i	201 i	212
635	DePauw U.	ne	ne	ne	ne	ne	199 i	201 i	211 i
636	U. of the South	ne	ne	ne	ne	ne	ne	349	186

TABLE 27. R&D expenditures at universities and colleges, ranked by FY 2006 R&D expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
637	St. Mary's U. (San Antonio, TX)	0	287	362	293	300	512	405	183
638	Southeast MO State U.	250 e	233	223	141	168 i	195 i	223	165
639	Fitchburg State C.	13	26	53 i	80 i	107 i	ne	161	161
640	Le Moyne-Owen C.	1,053	1,700	1,268	0	0 i	ne	ne	150 i
	All other sampled institutions	81,836	91,335	82,175	75,483	29,510	8,113	6,367	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; na = not applicable; institution did not exist or did not exist as a separate entity; NA = not available; institution was not surveyed separately; ne = not eligible; institution did not meet the criteria for inclusion.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
	All institutions	16,103,436	17,538,286	19,233,421	21,863,925	24,758,853	27,630,624	29,191,369	30,033,156
1	Johns Hopkins U., The ^a	770,580	793,266	879,741	1,022,510	1,106,971	1,229,426	1,277,292	1,307,453
2	U. WA	368,112	389,622	435,103	487,059	565,602	625,218	606,317	650,394
3	U. MI all campuses	334,226	364,033	396,117	444,255	516,818	521,339	554,516	565,739
4	Stanford U.	353,947	367,083	384,468	426,620	483,540	541,667	574,675	540,069
5	U. WI Madison	249,212	278,629	304,009	345,003	396,231	434,423	477,582	491,810
6	U. CA, Los Angeles	251,999	274,162	312,858	366,762	421,174	461,145	469,889	483,873
7	U. PA	279,013	312,434	351,996	397,587	415,631	435,343	465,284	478,773
8	MA Institute of Technology	308,921	306,668	304,319	330,409	356,206	427,552	457,235	476,362
9	U. CA, San Francisco	233,181	248,878	277,489	327,393	371,697	418,944	438,988	464,660
10	U. CA, San Diego	292,007	326,037	343,276	359,383	400,100	465,629	463,946	463,807
11	Columbia U. in the City of NY	240,158	283,163	317,928	356,749	385,529	406,576	453,188	451,187
12	U. CO all campuses	244,686 e	300,667 i	308,643	340,466	377,941	414,986	449,366	448,350
13	U. Pittsburgh all campuses	194,618	228,155	268,571	306,913	345,625	394,444	420,305	422,316
14	Duke U.	186,757	204,180	218,109	261,356	306,864	347,896	376,568	414,419
15	Washington U. St. Louis	218,598	254,148	284,928	303,441	357,364	371,043	400,699	408,402
16	Harvard U.	266,019	281,699	300,414	336,607	348,620	399,764	395,906	403,458
17	Cornell U. all campuses	234,792	229,872	240,466	270,578	320,868	339,107	365,694	390,043
18	PA State U. all campuses	199,105	226,074	245,951	284,706	301,094	347,996	358,569	367,215
19	Yale U.	213,404	232,019	250,702	274,304	296,713	330,837	332,702	348,500
20	U. Southern CA	199,619	210,872	246,207	266,645	300,195	312,589	330,126	333,378
21	U. NC Chapel Hill	182,935	194,794	221,615	254,571	280,678	304,204	320,294	329,215
22	U. MN all campuses	207,761	229,958	264,289	295,301	293,266	307,677	319,771	326,170
23	OH State U. all campuses	135,216	132,219	161,092	177,883	198,488	284,675	294,053	315,914
24	Case Western Reserve U.	140,178	150,586	158,852	181,888	205,452	195,525	212,485	306,980
25	U. AZ	178,126	187,161	199,484	211,772	259,074	283,956	292,811	301,619
26	Vanderbilt U.	116,887	129,986	146,230	172,858	221,979	261,484	281,694	300,423
27	U. AL Birmingham, The	165,223	175,309	194,625	216,221	245,217	261,664	288,434	292,962
28	Baylor C. of Medicine	141,111	193,249	234,394	259,475	302,764	312,669	300,638	287,679
29	U. Rochester	132,852	150,593	166,945	195,298	208,148	231,193	257,497	278,399
30	U. TX Austin	164,913	178,889	195,184	219,158	231,996	235,281	254,529	273,147
31	Scripps Research Institute, The	NA	NA	NA	NA	NA	236,989	272,969	268,533
32	Emory U.	132,816	144,914	170,317	186,083	228,255	243,248	266,868	267,894
33	U. IL Urbana-Champaign	185,767	193,490	195,316	214,323	266,487	275,896	289,985	264,645
34	U. CA, Berkeley	191,025	208,338	208,080	217,297	238,206	268,830	290,960	261,718
35	GA Institute of Technology all campuses	112,861	126,164	143,836	165,680	203,582	237,483	245,130	257,751
36	U. Chicago	135,720	140,872	155,566	183,830	201,129	229,102	245,679	253,471

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
37	Northwestern U.	132,647	150,238	158,129	178,607	200,316	230,593	244,113	249,980
38	CA Institute of Technology	195,303	196,877	193,554	199,944	219,097	244,187	249,371	248,591
39	U. FL	122,296	120,374	135,421	167,108	194,958	221,898	231,699	248,322
40	U. CA, Davis	124,463	141,740	154,937	176,644	208,327	221,937	240,003	248,190
41	Boston U.	123,390	133,730	150,771	171,438	203,947	219,054	228,842	238,560
42	Mt. Sinai School of Medicine	84,624	98,188	109,344	125,979	152,719	185,249	191,326	224,911
43	OR Health & Science U.	95,655 i	109,165	111,671	130,231	164,221	206,219	217,145	223,204
44	U. IA	122,638	140,764	155,249	180,743	197,260	209,865	216,354	216,521
45	U. MD College Park	145,081	136,605	145,515	194,095	183,206	180,943	196,008	209,764
46	TX A&M U. all campuses	149,151	149,639	149,382	163,488	177,119	173,705	212,923	206,242
47	U. IL Chicago	86,406	101,943	125,109	143,183	168,063	192,825	198,163	203,875
48	U. VA all campuses	107,856	115,684	122,868	152,358	173,442	188,121	198,606	203,778
49	U. HI Manoa	93,418	95,419	97,716	110,882	143,580	187,035	190,137	202,419
50	U. Cincinnati all campuses	100,325	110,296	128,049	150,166	185,261	194,965	202,654	201,742
51	U. TX Southwestern Medical Ctr. Dallas	101,996	109,165	131,820	155,258	177,196	200,888	202,057	196,621
52	NY U.	111,124	117,163	129,897	149,995	166,033	181,441	191,782	189,276
53	U. MD Baltimore	84,516	91,212	99,091	117,017	126,156	141,221	129,270	186,160
54	Carnegie Mellon U.	90,408	91,191	97,463	137,967	157,583	172,858	173,902	185,389
55	CO State U.	91,943	101,429	101,308	112,650	117,151	162,074	154,245	182,648
56	U. TX M. D. Anderson Cancer Ctr.	69,413	81,872	94,053	117,633	122,869	150,529	160,953	182,028
57	U. UT	111,716	124,344	127,253	142,625	152,112	161,119	168,652	174,888
58	IN U. all campuses	102,262	107,577	116,781	132,759	153,625	166,913	171,528	170,635
59	U. CA, Irvine	75,505	88,274	101,735	115,548	133,873	150,995	161,524	169,983
60	MI State U.	89,835	97,112	112,359	122,595	133,820	143,473	156,461	169,116
61	Purdue U. all campuses	95,708	92,010	98,151	107,477	129,199	144,090	150,351	157,438
62	Yeshiva U.	89,680	101,631	107,800	114,268	128,894	151,520	160,894	153,785
63	U. South FL	42,005	50,557	58,826	84,108	106,102	126,906	142,580	153,737
64	SUNY Buffalo all campuses	85,490	96,410	96,595	121,376	129,794	143,865	151,890	153,152
65	U. KY all campuses	66,184	73,858	86,239	100,426	120,003	129,887	142,794	151,238
66	U. Miami	101,883	106,633	111,803	121,171	130,863	141,943	156,059	150,408
67	U. of Medicine and Dentistry NJ	61,730	75,318	86,054	90,235	105,495	121,812	143,239	140,923
68	Dartmouth C.	46,741	56,369	69,844	87,255	106,034	123,109	122,329	140,430
69	Wake Forest U.	60,293	65,585	78,021	91,738	108,467	120,075	141,685	139,549
70	U. NE all campuses	56,339 i	60,161	69,232	82,728	96,627	115,833	129,216	139,113
71	U. MA Worcester	55,516	64,212	79,453	93,992	109,082	126,162	130,680	136,141
72	NC State U.	80,518	90,725	95,875	91,981	96,157	103,586	109,128	131,262
73	Rutgers, The State U. NJ all campuses	75,664	79,711	77,156	91,205	110,041	128,655	137,609	129,456
74	U. NM all campuses	84,976	100,442	109,505	104,252	106,541	112,299	129,557	127,907

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
75	LA State U. all campuses	75,831	89,007	94,625	97,928	99,143	112,169	128,324	126,545
76	U. CT all campuses	55,496	66,144	70,013	93,326	111,654	127,609	134,347	124,837
77	U. TX Health Science Ctr. Houston	71,288	79,665	88,545	98,676	107,481	106,737	112,509	122,870
78	U. TX Medical Branch	55,061	61,357	64,682	78,100	93,039	102,491	117,235	120,408
79	VA Polytechnic Institute and State U.	75,386	71,127	77,384	82,976	98,143	95,669	109,842	119,994
80	Wayne State U.	57,610	64,320	79,448	95,910	102,963	114,700	120,581	118,042
81	Princeton U.	72,974	74,681	78,620	97,724	104,011	111,435	120,042	117,845
82	OR State U.	81,649	80,398	84,854	91,683	100,499	104,276	109,030	116,586
83	U. KS all campuses	57,272	68,950	74,494	82,663	92,888	101,920	110,768	115,522
84	U. TN all campuses	70,187	72,059	78,611	88,344	100,486	109,357	121,004	113,559
85	SUNY Stony Brook all campuses	93,937	96,641	93,265	108,122	112,452	123,124	125,781	112,973
86	FL State U.	55,666	56,830	57,075	70,456	87,985	102,967	105,747	110,358
87	AZ State U. main campus	53,905	49,935	56,616	64,407	71,741	79,877	94,545	109,893
88	U. CA, Santa Barbara	74,026	80,754	76,828	78,370	88,422	92,248	103,955	106,169
89	IA State U.	54,179	59,976	62,024	71,419	82,297	92,235	98,005	104,553
90	Medical U. SC	30,997	41,432	60,543	75,803	92,893	103,494	108,196	104,057
91	SUNY Albany	46,242	62,059	46,671	40,497	76,038	94,712	103,941	103,835
92	U. MO-Columbia	53,875	65,420	68,435	77,742	84,211	90,304	96,038	101,732
93	Woods Hole Oceanographic Institution	59,534	67,036	75,670	78,458	84,410	100,456	100,747	101,631
94	Medical C. WI	47,087	55,034	64,003	76,241	83,026	100,547	102,859	100,128
95	U. AK Fairbanks all campuses	34,647	46,605	55,287	66,169	72,607	75,269	89,637	98,330
96	VA Commonwealth U.	48,175	52,137	57,315	65,028	81,201	89,066	97,322	97,576
97	Brown U.	45,276	49,943	58,367	68,215	81,445	84,126	90,857	96,922
98	UT State U.	54,433	57,378	74,251	79,393	95,494	107,945	92,660	96,242
99	Tufts U.	62,836	64,677	71,669	73,236	78,942	92,997	98,200	95,964
100	U. TX Health Science Ctr. San Antonio	56,904	65,251	71,153	83,761	86,683	89,662	95,125	95,110
101	MS State U.	46,528	53,808	65,493	77,521	79,837	82,205	84,465	94,073
102	Rockefeller U.	45,010	45,211	55,362	67,559	75,303	82,535	85,552	93,742
103	U. GA	56,080	62,678	66,913	78,086	93,884	96,348	102,966	92,652
104	Georgetown U.	83,972	98,836	93,626	75,342	88,463	95,852	100,328	92,268
105	U. OK all campuses	57,589	60,542	60,264	69,388	75,318	81,048	87,776	90,880
106	U. SC all campuses	48,490	51,872	51,983	53,403	63,044	71,856	65,095	89,294
107	U. NH	30,586	38,921	45,223	50,829	59,463	67,917	78,653	86,416
108	Tulane U.	50,779	52,080	55,669	64,824	82,118	87,917	94,628	84,052
109	Thomas Jefferson U.	56,369	67,448	64,881	79,217	85,348	92,296	86,171	82,551
110	U. VT	36,085	39,861	48,810	58,280	70,832	79,015	79,879	82,519
111	WA State U.	44,610	48,441	48,660	61,138	70,653	74,944	80,222	81,324

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
112	U. DE	34,628	37,716	41,830	48,183	69,493	76,583	74,721	79,640
113	MT State U. Bozeman	26,231	30,564	34,857	39,986	53,283	58,874	71,604	75,362
114	George Washington U.	49,944	49,627	51,757	58,729	68,959	78,192	78,779	75,209
115	U. Louisville	15,536	17,713	25,116	38,978	39,924	54,476	67,104	70,481
116	U. MA Amherst	39,877	44,712	49,576	54,770	60,839	65,452	66,921	69,642
117	Drexel U.	12,914	14,292	20,159	30,232	49,271	54,963	62,606	68,499
118	U. MS all campuses	19,053 i	28,107	39,451 i	50,795 i	62,140	59,787	67,603	67,717
119	U. CA, Santa Cruz	25,084	25,959	29,201	32,901	38,213	53,196	62,301	66,390
120	U. AR for Medical Sciences	26,392	29,962	34,219	27,491	41,681	53,249	59,053	66,127
121	U. NV, Reno	24,587	26,267	31,386	39,958	47,756	50,787	60,329	64,476
122	WV U.	26,264	28,013	29,440	49,394	60,586	60,819	62,489	63,764
123	U. CA, Riverside	19,994	21,085	25,713	32,305	40,409	40,981	52,919	58,023
124	U. Dayton	30,755	31,717	34,102	40,191	47,327	56,647	58,782	56,779
125	Clemson U.	27,064	31,304	48,560	47,174	62,552	61,065	56,829	56,268
126	NM State U. all campuses	56,875	57,073	61,124	70,314	75,368	76,396	91,247	55,801
127	U. of Notre Dame	23,614	27,362	29,801	33,285	41,220	48,650	51,072	55,710
128	Naval Postgraduate School	33,308 e	39,596 i	45,884 i	52,172 i	58,463	50,771 i	43,079	54,528
129	Rice U.	35,012	35,144	35,682	39,739	43,706	51,157	54,735	53,880
130	KS State U.	28,102	31,185	33,998	43,988	53,313	56,088	58,821	52,649
131	Temple U.	29,734	38,213	41,643	44,577	51,309	50,456	53,987	50,904
132	NM Institute of Mining and Technology	10,719	8,652	13,255	18,864	15,434	13,853	30,877 i	47,901
133	U. ID	24,263	23,014	26,548	33,465	42,861	48,565	47,212	47,018
134	U. RI	36,207	38,538	43,161	45,453	51,942	48,590	42,132	46,898
135	U. OR	27,336	30,793	32,232	37,177	36,127	43,634	43,564	46,583
136	FL International U.	15,757	20,296	23,940	32,057	40,860	47,913	51,328	45,894
137	Auburn U. all campuses	27,058	31,515	40,097	42,432	45,374	49,565	51,319	45,540
138	ND State U. all campuses	12,308	15,463	15,207	21,414	37,940	45,375	46,060	45,418
139	St. Louis U. all campuses	23,722	26,453	28,117	31,215	36,989	36,989 e	44,757	45,183
140	Rush U.	31,119	32,573	37,301	44,756	49,834	51,706	49,150	45,044
141	U. MD Baltimore County	15,624	20,244	23,695	29,376	34,164	37,548	43,377	44,830
142	Rensselaer Polytechnic Institute	22,803	25,555	25,894	26,490	32,295	36,651	42,338	44,690
143	U. AL Huntsville, The	25,166	25,939	30,625	35,660	35,558	39,607	42,358	44,636
144	Charles R. Drew U. of Medicine and Science	22,212	21,969	27,415	39,259	39,407	40,430	41,207	44,394
145	U. NV, Las Vegas	10,248	13,815	15,681	22,367	32,511	28,013	35,942	42,772
146	Medical C. GA	13,991	15,210	21,116	23,317	28,280	35,841	41,910	41,555
147	U. ME	19,163	24,412	23,873	23,732	28,901	36,513	28,951	41,394
148	Brandeis U.	29,423	26,444	30,031	29,006	33,722	38,041	39,788	41,184
149	Uniformed Services U. of the Health Sciences	9,696	11,023	10,105	10,294	9,527	62,408	50,016	39,461

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
150	U. ND all campuses	13,615	13,880	15,743	25,004	28,336	36,349	32,092	38,848
151	U. Houston	20,443	21,365	21,876	31,455	32,556	34,468	37,262	38,559
152	U. Central FL	16,048	13,801	22,342	29,929	47,749	44,020	40,013	37,974
153	OK State U. all campuses	23,179	24,770	25,636	31,100	37,748	43,345	36,637	37,943
154	Northeastern U.	22,776	26,916	23,532	24,295	26,895	30,659	36,524	36,071
155	George Mason U.	19,492	20,669	25,992	31,890	38,510	39,758	36,475	35,911
156	NJ Institute of Technology	21,127	17,381	23,274	27,550	30,535	30,995	35,716	35,489
157	San Diego State U.	19,724	22,802	23,621	25,223	28,084	30,092	35,328	35,351
158	TX A&M U. System Health Science Ctr.	na	14,321	18,384	22,417	26,729	30,283	32,949	35,214
159	Howard U.	21,658	25,292	27,848	33,949	36,137	40,086	40,020	34,959
160	U. Southern MS	14,124	15,084	18,061	22,398	31,653	32,075	34,941	34,577
161	U. MT-Missoula, The	14,627	18,378	19,194	22,612	27,220	34,478	36,433	33,039
162	U. MD Biotechnology Institute	13,911	11,157	16,742	16,701	19,989	24,436	31,276	32,005
163	U. AR main campus	15,851	20,778	23,172	27,588	27,071	31,088	33,496	31,926
164	U. PR Medical Sciences Campus	13,971	16,657	19,433	23,931	25,845	28,063	29,863	31,199
165	Meharry Medical C.	9,192	9,192 e	14,822 i	20,453	24,195	26,159	27,408	30,914
166	Jackson State U.	7,925	10,690	22,750	21,721	25,607	28,806	30,472	30,783
167	Desert Research Institute	16,552	19,923	22,018	22,760	23,265	26,235	28,655	30,407
168	C. of William and Mary all campuses	11,892	13,031	15,288	18,007	21,992	26,049	26,898	29,121
169	Loma Linda U.	12,217	18,811	19,462 i	20,114	22,675	26,631	26,855	28,788
170	Hampton U.	7,168	8,994	8,377	10,058	18,417	31,443	42,792	28,584
171	Old Dominion U.	13,706	14,908	15,280	17,170	18,882	21,377	24,463	27,506
172	SUNY Upstate Medical U.	7,889	8,461	8,815	13,404	16,652	22,650	23,275	27,247
173	NY Medical C.	14,029	17,975	18,344	19,318	23,387	25,103	25,242	26,579
174	U. WY	19,109	16,556	20,017	20,017 e	23,186	23,186 e	29,351	25,844
175	Loyola U. Chicago	17,588	20,695	26,474	27,678	28,107	29,150	30,584	25,420
176	Syracuse U. all campuses	30,050	29,620	30,036	32,704	34,559	43,162	46,945	25,299
177	SUNY Health Science Ctr. Brooklyn	21,053	22,860	22,860 e	23,011 i	23,162 i	23,313 i	23,466	25,184
178	Morehouse School of Medicine	12,948	15,419	18,127	21,919	24,382	23,331	24,213	25,156
179	GA State U.	14,310	12,090	13,575	18,967	22,218	25,845	25,204	24,968
180	FL A&M U.	20,693	16,278	22,477	21,592	18,273	24,994	22,378	24,902
181	San Jose State U.	11,825 e	11,825 e	14,301	15,777	18,935	20,363	21,160	23,197
182	U. AL, The	17,601	19,486	22,183	26,900	26,241	25,329	24,393	22,847
183	Stevens Institute of Technology	7,084	8,785	8,094	8,094 e	13,783 i	19,473	18,626	22,501
184	Wright State U. all campuses	12,365	12,543	15,417	16,070	18,733	20,599	20,527	22,430
185	U. MO-Rolla	8,731	9,804	11,929	15,749	18,142	20,218	21,772	22,351
186	TX Tech U.	20,242	21,480	22,967	28,202	31,776	23,181	22,071	22,278

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
187	CUNY The City C.	12,393	13,059	13,022	13,319	13,456	19,711	22,289	21,408
188	CO School of Mines	10,704	11,995	12,314	13,230	16,314	16,550	15,501	20,543
189	U. TX San Antonio	5,463	7,441	8,012	7,111	9,982	11,644	15,924	20,277
190	Southern IL U. Carbondale	7,660	10,130	10,868	10,789	12,078	15,557	16,975	20,108
191	U. TX Dallas	7,700	7,049	7,049 e	11,624	14,530	15,733	19,933	19,954
192	FL Atlantic U.	11,036	12,359	14,099	15,566	17,517	14,662	15,956	19,952
193	OH U. all campuses	10,544	11,695	12,898	17,677	20,406	20,831	20,736	19,573
194	Eastern VA Medical School	11,354	12,114	11,389	13,077	15,431	17,530	19,969	19,399
195	U. TX El Paso	18,292	16,416	16,167	16,457	18,116	16,900	15,378	19,331
196	U. North TX Health Science Ctr. Ft. Worth	5,370	5,799	6,562	7,770	9,927	13,259	17,037	19,183
197	IL Institute of Technology	9,777	10,926	10,917	11,277	13,900	14,903	16,493	19,121
198	U. TX Arlington	6,089	5,106	9,413	7,848	7,884	10,498	17,654	19,006
199	Portland State U.	9,313	11,217	11,341	11,914	13,276	13,276 e	18,580	18,797
200	MI Technological U.	16,107	16,650	17,620	17,973	17,667	18,735	19,760	18,757
201	U. MA Lowell	10,354	9,905	11,196	14,932	15,821	16,655	17,608	18,741
202	CUNY Hunter C.	7,526	8,650	10,922	14,573	17,047	18,836	18,544	18,472
203	Boston C.	14,492	16,673	20,123	22,827	22,907	22,907 e	17,801	18,344
204	Lehigh U.	13,161	12,726	13,961	13,519	16,215	19,400	21,061	18,248
205	Brigham Young U. all campuses	11,414	10,378	11,659	12,900	16,564	17,129	16,878	17,309
206	U. SD	3,373	2,084	3,534	5,830	8,308	12,849	15,448	17,308
207	San Francisco State U.	3,630 e	4,561 e	4,561 e	13	6,089	37,056	12,457	17,255
208	U. PR Rio Piedras Campus	5,654	5,620	6,013	4,971	6,760	8,093	14,301	16,881
209	U. Toledo	5,682	6,312	6,701	8,996	10,928	13,229	15,521	16,534
210	Wichita State U.	3,260	5,228	5,726	6,687	10,619	11,796	9,589	16,302
211	U. MO-Kansas City	7,206	7,490	8,176	10,795	14,232	15,696	16,960	15,965
212	U. Memphis, The	6,364	11,177	11,012	14,072	14,985	14,078	15,125	15,964
213	NC Agricultural and Technical State U.	12,454	11,187	11,937	11,953	12,226	13,487	16,348	15,885
214	U. WI Milwaukee	9,190	8,425	11,089	11,461	13,704	13,670	15,893	15,867
215	Marshall U.	66	5,618	5,980	9,502	12,802	17,104	18,660	15,360
216	U. South AL	9,451 e	8,276	8,276 e	15,922	17,638	17,832	16,538	15,147
217	Medical U. OH	9,219	9,944	11,362	12,006	14,146	14,591	14,756	14,607
218	Rochester Institute of Technology	2,690	2,664	5,612	7,868	11,630	12,415	11,620	14,581
219	Northern AZ U.	7,111	7,842	9,616	10,873	10,900	12,754	14,547	14,305
220	Catholic U. America, The	11,064	7,680	13,308	17,925	18,864	18,927	16,252	13,264
221	U. MD Ctr. for Environmental Science	8,116	10,805	12,105	13,080	12,654	13,824	13,853	12,860
222	SD State U.	6,086	7,448	8,456	9,115	11,441	13,447	13,914	12,788
223	U. of the VI	1,957	1,957 e	6,288 i	10,620	10,772	11,598	12,213	12,518
224	SUNY Binghamton	5,761	6,319	6,392	8,959	8,981	10,414	10,494	12,213

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
225	Morgan State U.	1,066	4,371	2,390	1,674	6,232	7,227	8,126	12,199
226	Mercer U. all campuses	12,657	11,350	9,076	8,607	8,018	9,613	11,235	11,741
227	Northern IL U.	3,727	3,603	4,264	4,980	6,892	6,824	7,897	11,696
228	U. Southern ME	123	123 e	2,046 i	3,969 i	5,892 i	7,815 i	9,738 i	11,662
229	ID State U.	1,258	3,723	3,837	4,738	6,746	8,416	12,087	11,661
230	U. LA Lafayette	9,430	12,164	12,130	12,925	14,455	15,850	16,159	11,596
231	U. Akron all campuses	7,140	7,081	8,672	9,537	9,348	10,284	10,246	11,433
232	Western MI U.	4,165	4,584	6,192	9,913	12,131	8,313	11,987	11,214
233	Albany Medical C.	7,437	7,691	8,562	8,901	9,677	11,849	11,525	11,152
234	U. NC Charlotte	4,780	5,380	5,145	5,850	7,981	13,816	10,362	10,792
235	East Carolina U.	4,832	4,388	5,188	6,030	7,565	9,399	10,967	10,657
236	U. PR Mayaguez Campus	23,784	11,837	9,015	8,865	9,596	7,539	10,786	10,645
237	Creighton U.	4,929	5,541	7,275	6,594	9,413	13,745	12,683	10,505
238	TN State U.	8,522	8,873	10,210	11,218	10,280	11,277	10,446	10,216
239	Worcester Polytechnic Institute	4,292	4,219	4,506	5,013	5,966	8,489	9,424	10,193
240	Clark Atlanta U.	12,116	16,170	14,354	15,325	12,367	13,075	11,346	10,008
241	U. NC Wilmington	4,431	5,336	7,242	9,950	8,957	9,951	10,665	9,884
242	SD School of Mines and Technology	3,300	4,127	4,417	6,950	8,222	8,366	10,752	9,834
243	TX Tech U. Health Science Ctr.	NA	NA	NA	NA	NA	7,604	6,730	9,713
244	U.S. Air Force Academy	3,699	4,505	5,009	8,163	12,599	15,739	15,165	9,678
245	U. MA Dartmouth	3,983	3,228	4,928	7,142	8,718	9,199	9,852	9,516
246	Rosalind Franklin U. of Medicine and Science	4,860	5,117	6,256	5,638	6,783	7,843	9,974	9,507
247	Southern Methodist U.	6,387	6,302	5,587	6,026	5,940	6,752	8,415	9,303
248	Prairie View A&M U.	8,675	7,679	7,094	7,712	7,886	7,965	8,464	9,067
249	Tuskegee U.	6,942	6,694	7,259	7,703	7,660	8,904	8,478	8,971
250	CA State U. Los Angeles	463	8,344	5,365	7,728	6,882	8,094	9,797	8,672
251	U. MA Boston	2,951	3,378	2,546	4,837	5,579	5,412	6,326	8,610
252	U. Denver	9,081	7,439	9,248	8,386	8,268	9,839	9,017	8,543
253	CA State U. Long Beach	11,929	12,964	2,910	4,944	12,126	8,351	8,577	8,368
254	U. North TX	2,617	3,618	5,401	6,015	6,320	5,499	7,003	8,343
255	Clarkson U.	3,694	3,837	4,286	4,286 e	4,833	6,434	6,890	8,280
256	Universidad Central del Caribe	4,345	5,347	6,622	6,470	7,183	8,498	8,543	8,206
257	Kent State U. all campuses	8,212	7,736	8,158	9,427	9,278	9,093	7,619	8,198
258	SUNY C. of Environmental Science and Forestry	3,874	4,332	4,355	4,630	5,177	6,499 i	7,821	8,059 i
259	U. Tulsa	5,272	5,498	7,341	6,806	8,439	11,240	8,969	7,964
260	Miami U. all campuses	3,302	2,674	3,324	4,021	4,312	5,132	8,014	7,874
261	TX A&M U. Corpus Christi	ne	1,363	2,357	3,127	4,581	5,685	4,572	7,798

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
262	U. HI Hilo	NA	NA	NA	8,499	5,082	4,217	8,998	7,678
263	Marquette U.	3,416	3,085	3,309	3,565	4,409	6,046	6,979	7,566
264	AL A&M U.	8,558	7,056	8,883 i	10,710	30,343	12,023	12,005	7,537
265	Embry-Riddle Aeronautical U.	1,432 e	1,551 e	6,987	4,174	3,323	5,179	6,642	7,518 i
266	Polytechnic U.	4,595	8,200	4,063	4,918	4,789 i	4,660	8,623	7,486
267	Boise State U.	2,595	2,151	3,962	4,173	6,321	7,642	8,447	7,448
268	U. GU	2,242	3,165	3,355	4,183	5,818	9,205	8,265 i	7,324
269	Western KY U.	2,287	2,711	3,294	3,493	3,125	4,400	4,915	7,079
270	Teachers C. Columbia U.	4,119	5,613	5,617	5,939	5,572	6,256	6,187	6,770
271	NC Central U.	777 e	1,608 i	2,439 i	3,270 i	4,101 i	4,932 i	5,763 i	6,597
272	DE State U.	2,055	3,052	2,222	2,819	3,636	4,342 i	5,048	6,506
273	U.S. Naval Academy	2,234	2,770	3,140	2,324	3,169	5,341	5,987	6,487
274	CA State Polytechnic U. San Luis Obispo	7,673	7,605	6,153	5,968	3,820	2,616	5,743	6,461
275	CUNY Queens C.	1,884	2,604	3,484	5,516	5,062	5,820	5,443	6,422
276	U. AK Anchorage all campuses	2,537	2,537 e	3,390 i	4,244 e	5,316	6,721	7,470	6,333
277	Oakland U.	3,033	3,033 e	5,318	4,903	4,470	5,559	5,599	6,205
278	FL Institute of Technology	2,735	2,980	2,614	3,646	5,204	5,575	5,170	6,138
279	Fisk U.	2,846	2,652	2,577	3,030	3,000	5,000	6,000	6,000
280	VA State U.	2,061	3,602	4,246	6,895	6,964	5,655	2,668	5,813
281	LA Tech U.	2,287 e	2,635	2,242	3,487	6,113	4,718	5,336	5,769
282	Alcorn State U.	5,223	8,034	7,370	5,809	7,582	7,622	5,396	5,706
283	Tarleton State U.	1,623	1,426	4,094	5,216	5,698	5,208	6,386	5,488
284	Bowling Green State U. all campuses	1,847	1,847 e	2,395	2,829	4,378	5,318	6,418	5,408
285	Morehouse C.	1,843	1,843 e	2,113 i	2,383 i	2,653 i	2,923 i	3,196	5,378
286	CA State U. San Bernardino	697	880	676	1,399	4,858	5,127	5,775	5,367
287	Air Force Institute of Technology	1,540	5,371	1,671	2,609	6,418	4,664	4,934	5,212
288	U. NC Greensboro	1,535	1,535 e	2,803	3,340	2,704	3,267	3,876	5,211
289	CA State U. Northridge	2,324	3,182	3,182 e	6,786	6,460	6,521	5,719	5,200
290	Cleveland State U.	3,655 e	3,318	3,986	4,649	3,611	6,380	7,206	5,159
291	Ball State U.	835	873	1,177	1,590	1,944	3,441	5,260	5,119
292	U. MO-St. Louis	4,841	4,523	4,321	4,755	4,978	4,618	4,470	5,046
293	MT Tech of the U. MT	3,014	2,744	2,617	2,977	4,488	4,059	4,315	5,040
294	Villanova U.	3,470	4,035	4,293 i	4,551 e	4,229 i	4,669 i	4,921 i	5,039 i
295	Ponce School of Medicine	2,960	3,257	3,736	3,720	6,270	9,179	6,715	5,022
296	New School, The	1,069	873	1,083	1,083 e	741	2,330	2,960	4,854
297	Wesleyan U.	3,640	4,058	3,893	3,734	4,424	5,388	5,180	4,744
298	East TN State U.	1,400	2,768	3,572	3,908	4,642	4,412	5,015	4,713
299	TX A&M U. Kingsville	1,771	2,179	1,828	1,956	2,766	3,832	4,972	4,625

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
300	Norfolk State U.	2,970	3,273	3,952	4,902	4,404	6,054	6,055	4,621
301	Southwest MO State U.	484	484 e	443	79	371	1,863	5,166	4,615
302	Wheeling Jesuit U.	ne	ne	ne	ne	ne	ne	4,265 i	4,499 i
303	CA State U. Sacramento	ne	ne	ne	ne	0 i	ne	ne	4,372 i
304	Lincoln U. (Jefferson City, MO)	2,686	2,502	2,236	2,513	2,149	1,552	2,093	4,367
305	U. MD Eastern Shore	2,508	3,895	5,626	5,718	4,862	5,041	5,432	4,367
306	TX Southern U.	2,292	1,844	1,908	3,910	2,925	3,749	4,426	4,225
307	St. Francis U. (Loretto, PA)	ne	ne	ne	ne	ne	ne	4,981	4,114
308	CA State U. Fullerton	1,879 i	2,730 i	3,581 i	4,434	3,140	3,979	3,570	4,083
309	U. PR Humacao	ne	ne	ne	ne	ne	3,201	3,325	4,080
310	C. Charleston	1,553	1,607	1,988	2,364	2,678	3,321	3,022	3,967
311	AR State U. main campus	224	267	321	312	385	638	1,080	3,938
312	U. DC	1,829	1,629	2,008	2,963	2,769	3,492	2,958	3,813
313	Xavier U. LA	3,240	3,174	4,666	6,019	5,036	5,226	4,505 i	3,783
314	CA State U. Monterey Bay	ne	ne	1,285	1,285 e	2,091	2,548	3,821	3,779
315	U. AR Pine Bluff	2,911 e	2,754 i	2,596	3,016	3,470	3,455	3,933	3,777
316	CUNY Herbert H. Lehman C.	1,216	1,444	2,048	2,816	3,725	2,936	3,711	3,733
317	Stephen F. Austin State U.	776	521	959	1,054	759	740	887	3,695
318	Langston U.	2,340	2,553	2,863	3,975	4,332	3,578	3,848	3,661
319	TN Technological U.	1,222	1,452	1,124	1,695	1,539	2,564	3,515	3,601
320	James Madison U.	763	712	890	1,372	1,607	2,843	3,568	3,576
321	Southern U. and A&M C. all campuses	6,689	6,418	5,709 i	5,000 i	4,291 i	3,581	3,539 i	3,496
322	U. West FL	3,624	4,521	4,785	5,315	9,105	5,332	8,787	3,400
323	TX Christian U.	3,257	2,441	2,824	2,492	2,716	2,961	3,068	3,318
324	Rowan U.	ne	ne	ne	ne	3,755	4,355	3,339	3,293
325	CUNY Brooklyn C.	2,228	2,866	2,776	2,538	2,798	2,559	2,694	3,258
326	KY State U.	703 e	2,179 i	3,655	6,036	6,395	3,298	3,044	3,254
327	Nova Southeastern U.	2,637	2,060	1,750	1,959	1,963	1,884	1,719	3,204
328	Clark U.	2,651	1,652	2,605	3,418	4,475	4,475 e	2,611	3,192
329	Duquesne U.	1,531	1,902	1,969	2,232	2,742	3,479	3,717	3,171
330	DePaul U.	571	478	1,142	1,971	2,747	3,539	3,776	3,160
331	IL State U.	2,057	2,108	1,638	1,574	1,928	2,650	3,152	3,156
332	U. TX-Pan American	1,068	1,135	1,288	1,387	1,887	2,578	2,999	3,139
333	U. CA, Merced	na	na	na	na	na	na	2,816	3,135
334	Spelman C.	1,832	1,978	3,262	2,968	2,186	2,419	2,576	2,901
335	Kettering U.	89	270	270	638	562	298	701	2,882
336	Western WA U.	2,004	1,548	1,300	1,651	2,271	1,950	2,023	2,878

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
337	Wellesley C.	2,684 i	3,064 i	3,446	3,446 e	3,996	3,708	2,429	2,819
338	Smith C.	240	774	812	515	866	1,602	1,757	2,796
339	Northeastern OH Universities C. of Medicine	1,693	2,002	2,072	1,871	1,708	2,964	3,267	2,754
340	Eastern MI U.	895	1,213	1,745	777	1,849	2,375	4,156	2,611
341	FL Gulf Coast U.	ne	ne	ne	ne	ne	884	1,995	2,598
342	SC State U.	1,978	1,988	1,988 e	1,998	2,198	2,418	2,587	2,587
343	Ft. Valley State U.	2,318	2,417	2,417 e	2,985	2,798	2,558	2,492	2,570
344	St. Joseph's U.	185	797	1,130	2,069	1,771	2,612	2,596	2,566
345	Humboldt State U.	2,629	2,629 e	2,616 i	2,603 i	2,590 i	2,577 i	2,564 i	2,548
346	CUNY Graduate Ctr.	515	532	1,489	832	1,724	3,324	3,297	2,544
347	CA State U. Dominguez Hills	3,932	909	2,578	2,783	3,471	4,179	2,051	2,530
348	CA State Polytechnic U. Pomona	1,069	1,703	2,498	2,806	3,922	4,059	2,765	2,502
349	U. Central AR	ne	820	1,189	1,140	1,790	2,265	2,268	2,490
350	West TX A&M U.	93	140	2,681	3,245	2,595	2,205	1,610	2,489
351	Fordham U.	1,725	2,101	1,980	1,990	1,823	929	1,383	2,441
352	Alfred U. all campuses	1,491	1,227	1,166	946	674	1,494	2,454	2,364
353	Savannah State U.	513	905	2,181	2,206	2,150 i	2,094	2,421	2,342
354	CA State U. Bakersfield	92 e	459	459 e	854 i	1,249 i	1,644 i	2,040	2,301
355	Central State U.	1,144 e	283 e	542 i	801 i	1,060 i	1,319 i	1,579	2,263
356	Williams C.	1,345	1,345 e	1,367 i	1,389	1,454	1,258	1,737	2,141
357	U. North FL	ne	ne	731	1,397	2,915	1,493	1,680	2,120
358	Barnard C.	1,008	1,198	1,269	1,021	1,369	1,369 e	2,342	2,098
359	Long Island U. all campuses	1,116	1,044	919	1,162	1,470	962	1,227	2,088
360	CA State U. East Bay	1,284 i	1,498 i	1,712 i	1,930	1,088	1,639	2,122	2,037
361	Chicago State U.	1,254	1,248	1,356	1,236	1,107	1,415 i	1,724	1,994
362	Gallaudet U.	2,264	1,682	1,768	1,880	1,959	1,747	2,138	1,959
363	Bowie State U.	2,360	2,360 e	2,022	2,200	2,206	1,883	2,033	1,951
364	Lawrence Technological U.	57	121	194	191	159	219	354	1,939
365	Black Hills State U.	ne	ne	ne	ne	ne	934	1,445	1,925
366	TX State U. San Marcos	1,871	3,519	3,854	4,144	3,873	3,536	2,921	1,872
367	WV State U.	0	0 e	0 e	467 i	934 i	1,403	2,128	1,867
368	Winston-Salem State U.	1,619	3,216	4,853	2,022	2,022 e	2,073 e	2,176 i	1,864 i
369	Bucknell U.	679	754	1,106	1,240	1,285	955	721	1,802
370	Shaw U.	100	100 e	411 i	722 i	1,033	1,033	1,727	1,800
371	Lamar U.	2,914	2,330	2,217	2,080	1,998	1,494	1,259	1,785
372	Mt. Holyoke C.	975	1,135	1,004	1,449	1,639	1,800	1,869	1,780
373	Southern CT State U.	100	215	215 e	144	1,485	312	1,666	1,757 i
374	U. Baltimore	ne	ne	ne	ne	ne	ne	2,255	1,757

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
375	SUNY C. of Optometry	755	698	993	1,032	2,461	1,856	1,979	1,753
376	U. NC Asheville	213	227	386	412	271	265	1,658	1,745
377	U. LA Monroe	2,824	2,824 e	2,436 i	2,048 i	1,660 i	1,271	1,051	1,743
378	Hope C.	879	602	692	853	635	1,576	1,181	1,710
379	Amherst C.	726	999	849	955	955 e	1,126	1,270	1,708
380	Monmouth U.	178	178 e	89	73	308 i	543 i	779	1,690
381	Rose-Hulman Institute of Technology	748	420	1,457	744	892	726	741	1,689
382	AL State U.	1,190	1,190 e	1,249 e	1,249	1,449	1,683	1,685	1,685
383	Swarthmore C.	586 e	586 e	691	1,107	915	1,449	1,194	1,682
384	American U.	2,735	1,886	1,999	3,467	2,141	1,456	1,364	1,678
385	Santa Clara U.	533 i	574 i	625 i	706 i	791 i	ne	1,632 i	1,671 i
386	U. WI La Crosse	686	1,001	871	1,196	967	1,221	2,170	1,618
387	U. Northern CO	526	982	994	840	1,581	1,328	1,509	1,590
388	Sul Ross State U.	74	228	95	77	96	261	1,506	1,586
389	Appalachian State U.	219	128	280	543	491	272	503	1,576
390	SUNY C. Old Westbury	485	1,067	1,067 e	1,193	1,182	1,258	1,422	1,570
391	CA State U. Fresno	1,749 e	1,823	585	1,392	2,579	3,750	4,870	1,561
392	OR Institute of Technology	ne	ne	ne	727	953	1,322	1,517	1,550
393	PA C. of Optometry	283	525	695	928	1,209	1,407	1,060	1,543
394	Central WA U.	1,179	1,426	1,337	1,468	2,246	2,200	929	1,494
395	Bowdoin C.	154	228	140	658	1,070	1,151	1,444	1,484
396	Montclair State U.	131 i	146	465	383	465 i	547	1,018	1,484
397	SUNY C. Plattsburgh	432	610	712	760	1,087	896	1,351	1,461
398	CUNY York C.	1,372	1,317	923	1,650	1,796	1,669	1,448	1,455
399	GA Southern U.	833	944	841	882	2,074	1,746	1,716	1,406
400	Southeastern LA U.	550	629	342	525	556	1,257	1,276	1,402
401	Central MI U.	142	142 e	291	190	318	2,707	3,086	1,368
402	Western Carolina U.	300	354	362	280	218	1,633	1,233	1,362
403	U. WI Superior	97	33	79	552	720	743	830	1,360
404	Ithaca C.	1,607	2,131	1,653	2,060	1,792	1,807	1,558	1,358
405	Carleton C.	398	760	693	959	1,417	1,575	1,570	1,323
406	Jacksonville State U.	ne	ne	ne	ne	ne	ne	873	1,315
407	U. Richmond	812	849	815	1,347	807	900	1,615	1,310
408	Southern IL U. Edwardsville	147	200	311	1,413	1,340	829	1,043	1,305
409	CUNY C. Staten Island	595	858	1,128	1,315	1,723	1,624	1,646	1,302
410	Northern KY U.	71	41	34 i	26	240	474	768	1,280
411	Baylor U.	522 e	353	516	830	812	1,372	1,473	1,269

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
412	Pittsburg State U.	94	247	514	963	781	744	716	1,255
413	Bates C.	576	463	819	977	964	679	794	1,226
414	Eastern OR U.	ne	ne	ne	243	126	64	594	1,206
415	Benedict C.	966 i	1,143	1,014	966	1,002	1,020	1,399	1,201
416	Seton Hall U.	1,116	996	826	692	635	1,233	1,856	1,184
417	U. New England	ne	ne	ne	ne	ne	ne	ne	1,178
418	Midwestern U. (Chicago, IL)	443	467	542	589	529	857	1,298	1,168
419	Hamilton C. (Clinton, NY)	414 i	469	382	1,035	849	901	1,138	1,160
420	SUNY C. Buffalo	1,167	577	338	583	1,053	883	1,335	1,150
421	IN State U. all campuses	368	251	269	284	573	747	544	1,147
422	U. of the Pacific	844	546	489	730	1,160	1,700	1,292	1,142
423	U. AR Little Rock	ne	3,400 e	2,088	2,088 e	7,757	2,586	2,681	1,126
424	U. Redlands	ne	ne	ne	2,674	1,810	1,711	1,237	1,126
425	New England C. of Optometry	1,118	950	1,179	1,792	1,900	1,958	1,474	1,125
426	Albany State U.	1,019 e	840	740	1,640	2,056	2,547	2,010	1,119
427	St. John's U. (Jamaica, NY)	1,177	938	938 e	1,046 i	1,154 i	1,262 i	1,372	1,118
428	Sam Houston State U.	3,225	2,128	1,802	2,386	1,626 i	866 i	106	1,115
429	Colgate U.	ne	917	708	586	646	777	696	1,111
430	Claremont Graduate U.	384	798	1,024	621	859	945	1,104	1,093
431	NM Highlands U.	2,648	3,747	1,849	1,953	2,264	1,810	930	1,084
432	CA State U. Chico	850	450	961	617	1,356	1,192 i	1,027	1,083 i
433	C. of the Holy Cross	151	142	446	329	272	538	312	1,078
434	Youngstown State U.	144	191	425	800	821	1,385	1,138	1,067
435	Colby C.	121	83	146	306	192	373	861	1,054
436	Pomona C.	654	678	679	917	1,219	940	823	1,053
437	Loyola Marymount U.	ne	ne	ne	ne	538	508	473	1,044
438	Furman U.	208	524	487	1,003	852	1,197	999	1,029
439	Murray State U.	388	629	778	739	1,075	1,185	1,310	1,005
440	Harvey Mudd C.	1,032	1,032 e	979 i	926 i	873 i	820 i	767	1,003
441	Bryn Mawr C.	764	978	855	751	880	1,065	966	998
442	Morehead State U.	649 i	748 i	847 i	946 i	1,046	1,137	1,693	997
443	Macalester C.	563 i	636 i	713	1,057	755	959	739	983
444	Lafayette C.	354	331	353	519	1,253	1,187	1,019	976
445	Roger Williams U. Bristol	ne	ne	ne	ne	ne	352	772	960
446	U. WI Green Bay	240	267	328	601	824	1,293	999	950
447	Franklin & Marshall C.	348	604	599	441	529	815	1,277	945
448	U. WI Stevens Point	257	193	270	639	725	884	867	945
449	Coastal Carolina U.	ne	1,051	736	787	776	785	453	936

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
450	Clafin U.	250	250 e	1,958	203	293	255	222	930
451	SUNY C. Oswego	478	587	578	901	1,120	1,342	839	918
452	Western U. of Health Sciences	253 e	127 i	0	214	129	312	639	905
453	Vassar C.	419 i	321	321 e	374 i	427 i	480 i	535	902
454	Towson U.	1,028	846	694	1,037	904	302	1,571	894
455	U. Hartford	299	629	578	537	667	697	767	891
456	U. WI Eau Claire	338	219	288	580	827	721	791	844
457	Augustana C. (Sioux Falls, SD)	275 i	274 i	273 i	265	224	273	591	842
458	U. Central OK	121	9	245	250	58	71	198	841
459	Northeastern State U.	ne	ne	ne	919	1,038	832 i	625	833
460	St. Cloud State U.	987 e	987 e	892 i	797 i	700	972	1,017	832
461	SUNY C. Geneseo	183	389	350	481	847	588	842	802
462	Northwestern Health Sciences U.	ne	ne	ne	ne	ne	ne	ne	800
463	U. CA Office of the President	NA	NA	NA	NA	NA	203	519	796
464	MS Valley State U.	495	834	1,316	1,030	636	493	606	794
465	Sinte Gleska U.	ne	ne	ne	ne	ne	ne	612	793
466	Milwaukee School of Engineering	269	306	420	651	558	662	648	786
467	CT C.	104 i	208 i	312 i	416 i	520 i	624 i	731	785
468	MT State U. Billings	ne	ne	ne	ne	ne	ne	694 i	760
469	Philadelphia U.	ne	ne	ne	ne	ne	ne	227 i	759
470	Universidad del Turabo	ne	ne	ne	ne	ne	ne	0 i	759
471	U. IL Springfield	ne	182	126	200	362	493	850	747
472	U. Scranton	2,804 i	3,106 i	3,408 i	3,715	2,439	1,374	1,016	740
473	Trinity U.	692	746	746 e	250	636	805	759	717
474	U. WI Oshkosh	307	248	271	356	523	879	650	692
475	Occidental C.	297	545	812	1,303	1,319	1,100 i	880	690
476	Philadelphia C. of Osteopathic Medicine	99	392	395	387	358	951	973	681
477	Governors State U.	ne	ne	ne	ne	ne	ne	134	680
478	TX Woman's U.	1,306	1,440	1,185	1,321	1,494	1,175	940	637
479	Middle TN State U.	319	478	296	211	1,513	1,651	1,084	636
480	CUNY Medgar Evers C.	ne	258	714	970	652	555	701	630
481	U. West GA	777 i	900	634	400	556	623	913	628
482	Ft. Lewis C.	157	139	231	221	191	150	204	616
483	Lincoln U. (Lincoln University, PA)	972	709	620	718	704	526	526	606
484	SUNY C. Brockport	308	344	344 e	478 i	613	574	436	606
485	Reed C.	300 e	391	277	583	472	702	774	598
486	Southern U. New Orleans	ne	60 e	652	902	552	556	592	592

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
487	Elizabeth City State U.	1,040	1,558	1,248	1,058	1,103	1,032	888	590
488	Christopher Newport U.	ne	ne	ne	ne	1,945	1,904	1,673	587
489	Mt. St. Mary's C. (Los Angeles, CA)	ne	ne	ne	ne	ne	492	570	581
490	Augsburg C.	303	337	497	655	734	493	606	579
491	CO State U. Pueblo	642	370	707	541	580	714	598	573
492	Grambling State U.	1,936 e	2,200	2,200 e	1,977	1,880	1,522	1,461	566
493	Loyola C.	1,397	1,513	675	770	330	392	551	564 i
494	Hendrix C.	345 i	398 i	451 i	504 i	557 i	615	476	558
495	Fayetteville State U.	265	507	298	311	546	161	711	554
496	Jarvis Christian C.	56	55	55 e	10	100	232	ne	553
497	Southern OR U.	205	253	154	542	544	587	739	553
498	Mills C.	ne	ne	ne	ne	ne	ne	ne	550 i
499	Oberlin C.	627 i	691	285	406	424	291	841	548
500	Marist C.	ne	ne	ne	ne	ne	ne	520 i	545 i
501	Calvin C.	306	270	514	338	522	530	714	543
502	U.S. Coast Guard Academy	300	405	466	1,128	1,166	866	660	542
503	Union C. (Schenectady, NY)	608	553	587	1,217	471	664	657	534
504	CUNY John Jay C. of Criminal Justice	951	779	733	201	168	177	516	532
505	Hofstra U.	659	649	402	402 e	433 i	464 i	495 i	529
506	Mercy C.	ne	ne	ne	ne	ne	ne	282 i	525
507	Albany C. of Pharmacy	ne	839	806	572	377	235	351	524
508	Haverford C.	937	1,000	989	874	931	1,066	857	514
509	C. Wooster	318	276	249	284	342	281 e	467	507
510	Fuller Theological Seminary CA	80	80 e	261 i	442 i	623 i	804 i	985	500
511	U. Northern IA	344	378	380	1,063	898	646	569	500
512	Maharishi U. of Management	0	1,213	1,213	2,618	2,541	2,541 e	492	499
513	U. of the Sciences Philadelphia	162 e	222	200	311	119	207	249	499
514	Valparaiso U.	500	275	308	262	267	404	372	487
515	Central CT State U.	122 i	137	138	102	282	239	788	479
516	Seattle U.	76 i	78 i	80 i	82 i	84 i	95	421	477 i
517	Southeastern OK State U.	ne	ne	ne	ne	122	320	475	476
518	Millsaps C.	ne	ne	ne	ne	ne	ne	0 i	471
519	National U. of Health Sciences	ne	ne	ne	402	362	31	48	460
520	John Carroll U.	1,072	1,072 e	232	489	334	197	345	452
521	Mercyhurst C.	ne	ne	ne	ne	ne	ne	ne	449
522	Oakwood C.	447	447 e	447 i	447 i	368 i	393 i	405 i	449 i
523	Evergreen State C.	498 i	537	487	441	511	354	647	448
524	Eastern KY U.	7,403	192	235	225	297	175	294	447

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
525	Siena C.	ne	ne	ne	ne	ne	ne	ne	447 i
526	West Liberty State C.	ne	ne	ne	ne	ne	ne	ne	442
527	Lewis and Clark C.	394	392	206	272	394	129	102	437
528	U. TX Tyler	ne	ne	ne	ne	ne	ne	144	436
529	Western IL U.	6,595	6,112	5,501	4,982	379	369	446	435
530	Sarah Lawrence C.	ne	ne	ne	ne	ne	ne	ne	434
531	Tougaloo C.	767	473	407	412 i	417 i	422 i	427 i	434
532	Skidmore C.	61	67	68	227	384	364	741	430
533	Drake U.	167	198	163	692	692 e	647	398	416
534	St. Olaf C.	424	530	403	683	575	347	390	415
535	Eastern WA U.	1,244	1,366	1,668	986	365	288	292	411
536	U. AK Southeast all campuses	448 i	522 i	596 i	673 e	802	691	249	409
537	Pace U. all campuses	435	236	295	362	362 e	644	958	408
538	Bradley U.	218	146	286	953	973	671	346	405
539	Rhodes C.	153 i	170 i	187 i	204 i	221 i	238 i	263	396
540	Providence C.	29	29 e	101 i	173	173 e	214	306	392
541	U. San Francisco	200 e	400	400 e	431 i	462	706	545	386
542	Point Loma Nazarene C.	73 i	83	95	53	122 i	191 i	261	376
543	Nicholls State U.	ne	14	0	59	57	98	674	374
544	Hampshire C.	662	872	998	1,095	1,112	1,181	1,110	373
545	Trinity C. (Hartford, CT)	529	326	326 e	181	426	686	611	373
546	Rider U.	ne	225	189	218	185	428	308	372
547	U. Puget Sound	266 i	285 i	304 i	323 i	342 i	370	281	364
548	Universidad del Este	ne	ne	ne	ne	ne	ne	ne	363
549	Ursinus C.	ne	ne	ne	ne	ne	ne	ne	357
550	Bluefield State C.	0	0	0	0	36	156	359	356
551	U. Portland	105	235	291	285	133	183	178	352
552	Gettysburg C.	ne	ne	ne	ne	ne	ne	536	350
553	Indiana U. PA all campuses	354	544	453	476	504	1,446	513	336
554	Arcadia U.	ne	ne	ne	ne	ne	ne	324 i	332 i
555	Grand Valley State U.	309	368	392	405	278	221	534	332
556	Muhlenberg C.	ne	ne	ne	ne	ne	ne	202	326
557	Bridgewater State C.	114	287	64	196	174	36	95	324
558	Eastern IL U.	ne	0 e	ne	ne	ne	315 i	294 i	310 i
559	St. Mary's C. MD	ne	378	233	262	318	151	306	305
560	Universidad Metropolitana	ne	ne	ne	ne	ne	ne	2,677 i	298
561	Whitman C.	181	283	322	211	568	544	499	297

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
562	Lawrence U.	217 i	227 i	237 i	247 i	257 i	267 i	277 i	296
563	Manhattan C.	70	293	293 e	257	257 e	284 i	312	294
564	MA C. of Pharmacy and Health Sciences	0 e	64 i	129	77	562	270	285 i	292 i
565	Washington and Lee U.	241 i	268 i	295 i	322 i	349 i	376 i	404	287
566	U. San Diego	282	422	185	1,425	622	399	1,187	280
567	McNeese State U.	611	512	290	409	430	451	382	279
568	Cheyney U. PA	133 i	152 i	171 i	190 i	209 i	228 i	247 i	278
569	A.T. Still U. of Health Sciences	311	542	731	895	494	333	344	273
570	OH Wesleyan U.	185	185 e	194 i	203	203 e	264 i	325	271
571	NY Institute of Technology all campuses	92	114	166	84	597 i	1,110	230	267
572	Pacific U.	0	20	157	157	823	435 i	47	263
573	Kalamazoo C.	174 i	189 i	204 i	219 i	234 i	254	244	257
574	U. WI River Falls	69	24	81	89	51	106	189	257
575	U. Houston-Downtown	838	660	660 e	596	373	449	317	256
576	Heritage U. (Toppenish, WA)	ne	ne	ne	ne	ne	ne	266	254
577	Johnson C. Smith U.	8,659	250	195	0	0	ne	166 i	251
578	U. WI Parkside	108	212	352	563	427	548	501	248
579	Gustavus Adolphus C.	179	85	197 i	309 i	421 i	533	368	244
580	U. Houston-Clear Lake	5,387	6,383	10,629	7,460	514	238	324	244
581	Mayville State U.	ne	ne	ne	ne	ne	ne	185	243
582	Chapman U.	60 i	73	77	442	340	439	303	236
583	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	ne	ne	ne	ne	234
584	U. of St. Thomas (St. Paul, MN)	19	54 i	89	160	151	154	182	232
585	Davidson C.	157 i	167 i	177 i	187 i	197 i	207 i	217 i	230
586	Truman State U.	156 e	127 i	98 i	68	156	84	187	227
587	U. Detroit Mercy	310	314	219	369	158	158 e	191 i	225
588	Kennesaw State U.	142	249	298	221	300	311	293	222
589	Andrews U.	117 e	87	145	123	82	249	122	219
590	Sonoma State U.	16	33	597	161	213	234	445	219
591	U. WI Whitewater	106	223	255	210	204	264	277	219
592	Troy U. main campus	ne	ne	ne	ne	ne	ne	ne	217
593	DePauw U.	ne	ne	ne	ne	ne	199 i	201 i	211 i
594	Allegheny C.	252	88	412	562	368	476	315	207
595	Dickinson C.	653	390	806	685	624	708	212	201
596	SUNY C. Cortland	30	233	276	316	335	245	386	201
597	Denison U.	221	238	121	183	381	224	212 i	200
598	Abilene Christian U.	114	165	162	173	172	135	164	187
599	Berry C.	ne	ne	ne	ne	ne	ne	ne	187

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
600	U. WI Stout	782	880	816	1,003	1,156	838	285	184
601	St. Mary's U. (San Antonio, TX)	0	62	193	152	199	414	405	183
602	Grinnell C.	210	774	168	385	325	225	603	180
603	TX A&M U. Commerce	109	157	83	37	43	54	71	174
604	Juniata C.	135	105	107 e	101	363	778	537	167
605	West Chester U. PA	547	697	697 e	918	505	1,833	337	167
606	Fairfield U.	189 i	203	160	106	246	267	263	162
607	U. NC Pembroke	ne	ne	ne	ne	ne	ne	ne	160
608	Canisius C.	102 i	110 i	118 i	126 i	134 i	142 i	150 i	159
609	Loyola U. New Orleans	212 i	237 i	262 i	287 i	312 i	337 i	367	158
610	Simmons C.	112	74	30	118	302	208	108	155
611	Des Moines U.	309	134	164	164 e	78	78 e	115 i	153
612	Fitchburg State C.	0	0	32 i	64 i	96 i	ne	161	151
613	AR Tech U.	137	92	130	130 e	135 i	140 i	145 i	150
614	Wabash C.	ne	ne	ne	ne	ne	166	222	147
615	Pitzer C.	246	299	261	227	266	223	121	146
616	Roanoke C.	ne	ne	ne	ne	388	364	192	144
617	VA Military Institute	92	50	24	10	32	0	35	120
618	Willamette U.	29	77	69	87	136	94	51	114
619	IL Wesleyan U.	ne	ne	ne	ne	ne	ne	150	113
620	Lake Forest C.	74	200	220	126	132	228	133	113
621	C. NJ, The	ne	ne	ne	456	369 i	282 i	195 i	105
622	La Salle U.	229	0	236	0	45	57	ne	101
623	Southeast MO State U.	200 e	173	108	30	80 i	130 i	182	98
624	Augustana C. (Rock Island, IL)	55 i	68 i	81 i	94 i	108	504	203	97
625	MN State U. Mankato	164	175	165	181	95	72 i	48	93
626	CUNY Baruch C.	151	87	87 e	347	213	232	184	90
627	King's C. (Wilkes-Barre, PA)	78 i	79 i	80 i	81 i	82 i	83 i	84 i	85
628	Angelo State U.	ne	ne	ne	ne	ne	ne	ne	69
629	Saginaw Valley State U.	451 i	359 i	267 i	174	19	10	13	57
630	U. of the South	ne	ne	ne	ne	ne	ne	68	57
631	SUNY Fredonia	52	120	121	104	172	116	33	52
632	Wilkes U.	ne	ne	ne	79	221	105	ne	49
633	Radford U.	115	444	492	357	136	90	ne	47
634	Northeastern IL U.	18	24	47	47	26	17	65	40
635	Le Moyne-Owen C.	1,031	1,700	1,250	0	0 i	ne	ne	32 i
636	U. WI Platteville	6 i	9 i	12 i	15 i	18 i	21 i	28	29

TABLE 28. Federally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
637	Kansas City U. of Medicine and Biosciences	305 e	0	380	513	429	407	219	28
	Jacksonville U.	ne	ne	ne	ne	ne	ne	ne	0
	Northwestern State U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0
	WV School of Osteopathic Medicine	0	0	0	0	0	0	96	0
	All other sampled institutions	47,111	54,194	47,126	44,526	9,683	5,330	4,327	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; na = not applicable; institution did not exist or did not exist as a separate entity; NA = not available; institution was not surveyed separately; ne = not eligible; institution did not meet the criteria for inclusion.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$672 million in federally financed R&D expenditures.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 29. Nonfederally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
	All institutions	11,430,709	12,534,693	13,577,808	14,529,764	15,328,116	15,611,779	16,585,798	17,727,246
1	U. WI Madison	250,476	275,732	300,134	317,098	320,813	329,452	320,517	340,085
2	OH State U. all campuses	187,594	229,180	229,560	254,504	297,950	233,413	314,870	336,415
3	U. CA, San Francisco	183,914	194,135	247,486	269,572	299,746	309,377	315,456	331,489
4	U. CA, Los Angeles	225,621	256,664	380,943	420,836	428,183	311,424	315,736	327,620
5	U. CA, Davis	183,487	223,049	277,459	280,009	273,818	289,820	306,975	324,812
6	U. FL	182,151	193,318	212,471	219,208	234,776	225,248	299,035	317,169
7	U. CA, San Diego	169,625	192,522	213,257	225,625	246,408	243,061	257,089	290,959
8	TX A&M U. all campuses	253,052	247,629	257,659	273,193	279,116	283,104	266,812	286,713
9	U. CA, Berkeley	260,514	310,176	238,193	257,449	268,980	256,768	263,591	284,317
10	PA State U. all campuses	180,297	201,501	212,115	208,033	232,333	252,143	267,195	276,967
11	U. TX M. D. Anderson Cancer Ctr.	85,713	100,324	118,693	144,512	192,300	202,505	222,827	275,668
12	U. MN all campuses	163,623	181,422	197,722	198,964	215,291	218,593	229,102	268,707
13	Cornell U. all campuses	160,760	180,521	203,362	225,545	233,892	236,447	241,110	258,759
14	Duke U.	161,517	152,445	157,024	180,177	213,327	172,975	254,184	242,661
15	U. MI all campuses	174,393	187,523	204,406	229,469	263,236	247,787	254,371	234,749
16	U. AZ	142,119	157,929	167,644	179,055	195,867	194,724	237,422	234,228
17	U. GA	181,413	195,798	205,385	206,574	205,864	216,812	213,840	231,191
18	U. MD Baltimore	56,387	133,134	139,916	149,805	171,115	176,072	175,126	219,100
19	LA State U. all campuses	149,977	162,226	174,286	189,435	215,303	229,465	228,504	217,230
20	Purdue U. all campuses	130,703	142,526	156,766	178,301	180,277	221,689	214,635	215,520
21	U. IL Urbana-Champaign	172,480	179,534	195,547	212,851	227,094	230,145	209,726	211,553
22	VA Polytechnic Institute and State U.	93,864	121,545	138,939	149,584	149,664	173,083	180,152	201,728
23	NC State U.	190,103	187,221	203,384	198,037	189,868	189,134	193,468	199,674
24	U. PA	104,556	117,955	117,856	124,682	149,004	161,413	189,698	197,279
25	U. NE all campuses	133,141 i	132,478	154,732	165,220	179,797	183,717	203,910	194,130
26	Johns Hopkins U., The ^a	103,938	107,890	119,505	117,725	137,161	145,588	166,500	192,524
27	MI State U.	118,077	141,324	153,587	167,192	187,590	181,965	177,274	188,981
28	IN U. all campuses	92,528	120,160	143,118	166,321	184,044	217,255	135,609	184,369
29	GA Institute of Technology all campuses	150,864	178,347	162,697	174,667	160,608	173,316	180,256	183,147
30	Rutgers, The State U. NJ all campuses	138,174	145,557	159,637	167,624	168,722	167,879	171,922	178,748
31	Baylor C. of Medicine	131,087	140,926	147,067	152,449	158,999	163,406	158,056	174,696
32	U. KY all campuses	107,850	128,534	125,482	135,849	152,059	167,723	163,859	172,720
33	SUNY Albany	18,036	20,733	23,448	26,996	44,617	109,265	155,767	170,519
34	Northwestern U.	101,162	95,536	99,804	103,547	119,406	128,354	143,129	170,005
35	U. TX Austin	93,209	93,922	99,920	101,808	111,858	108,605	156,452	158,251
36	SUNY Buffalo all campuses	81,333	91,282	90,234	105,583	110,386	115,087	115,381	144,757

TABLE 29. Nonfederally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
37	U. MD College Park	112,547	115,824	121,868	130,885	138,693	144,705	142,640	144,480
38	Washington U. St. Louis	97,008	108,068	121,714	113,519	116,964	118,522	131,147	139,272
39	Stanford U.	72,602	90,739	98,438	111,854	119,687	129,379	140,222	139,127
40	U. TX Southwestern Medical Ctr. Dallas	63,524	80,051	90,556	108,700	99,496	113,515	118,743	136,616
41	U. TN all campuses	88,743	91,631	83,287	99,917	116,903	119,403	134,695	135,508
42	U. South FL	81,956	94,840	112,724	113,786	107,147	113,115	116,638	132,204
43	U. CA, Irvine	66,337	70,163	78,131	93,921	100,783	106,029	115,239	130,246
44	U. IA	84,497	96,180	100,099	108,065	94,775	103,049	117,790	129,836
45	U. IL Chicago	88,687	93,896	107,989	116,669	123,444	119,943	120,116	128,301
46	U. CA Office of the President	NA	NA	NA	NA	NA	90,030	96,726	127,974
47	U. WA	114,547	139,720	154,523	140,214	119,212	88,758	101,202	127,754
48	MA Institute of Technology	111,385	119,631	131,176	116,377	129,558	115,896	123,507	124,386
49	Clemson U.	72,277	83,599	75,325	87,666	90,434	97,520	118,298	123,572
50	Rockefeller U.	76,509	78,927	90,209	99,044	116,840	109,687	113,167	121,675
51	SUNY Stony Brook all campuses	55,045	66,666	75,222	75,923	87,878	90,423	86,508	121,662
52	IA State U.	107,122	115,582	117,172	117,245	117,269	119,761	111,540	117,445
53	U. Southern CA	81,122	89,573	94,390	105,752	113,904	114,076	114,910	116,795
54	WA State U.	52,333	56,355	59,277	85,724	104,528	96,791	102,455	115,067
55	U. NC Chapel Hill	69,832	74,278	81,961	116,235	109,864	112,523	120,739	114,575
56	U. MO-Columbia	95,127	93,441	106,347	99,269	121,001	127,246	124,680	113,508
57	NM State U. all campuses	23,002	22,622	25,839	32,764	33,245	16,933	34,180	113,228
58	Yale U.	60,646	64,687	70,812	79,939	90,931	91,991	98,916	111,575
59	U. Pittsburgh all campuses	54,859	66,654	80,221	93,287	64,059	67,249	102,143	107,846
60	U. of Medicine and Dentistry NJ	64,547	65,633	76,363	87,921	85,268	87,322	96,539	104,848
61	Wayne State U.	89,222	92,494	96,536	103,097	111,679	110,775	105,750	102,689
62	Scripps Research Institute, The	NA	NA	NA	NA	NA	70,921	57,201	98,842
63	MS State U.	64,368	78,695	81,446	81,131	86,085	109,147	95,360	95,844
64	NY U.	56,055	65,042	60,825	72,983	75,560	77,892	84,416	94,888
65	U. Cincinnati all campuses	52,677	61,610	64,846	66,486	68,840	81,361	83,382	92,408
66	AZ State U. main campus	53,279	58,182	62,147	58,609	73,850	72,287	72,378	92,062
67	U. CT all campuses	79,490	94,940	94,353	78,677	78,687	83,627	85,635	90,347
68	U. Rochester	44,274	46,742	67,316	66,303	77,620	81,110	87,840	88,259
69	U. OK all campuses	84,496	90,360	88,431	99,985	99,148	77,530	85,887	87,839
70	Auburn U. all campuses	53,486	61,097	66,250	66,343	71,626	76,140	80,884	80,982
71	U. KS all campuses	75,480	79,720	81,973	89,468	80,136	79,272	79,337	80,425
72	Columbia U. in the City of NY	39,429	36,530	36,569	48,654	52,140	61,908	82,236	78,758
73	Emory U.	56,354	61,156	66,680	85,155	94,969	68,437	66,797	78,095
74	Vanderbilt U.	32,788	41,940	40,274	35,447	54,095	56,851	68,739	76,470

TABLE 29. Nonfederally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
75	FL State U.	42,007	48,265	56,742	63,895	64,292	65,165	67,111	75,275
76	U. UT	42,127	63,317	70,344	74,082	71,627	69,027	76,039	73,280
77	OR State U.	57,636	60,353	69,071	70,052	67,132	66,010	71,279	73,020
78	Medical U. SC	24,822	23,811	56,144	56,227	57,658	59,685	69,890	71,998
79	CO State U.	58,338	50,850	59,836	66,195	69,903	52,812	81,966	71,344
80	KS State U.	57,478	60,605	60,032	62,816	59,420	63,218	64,577	71,097
81	Princeton U.	51,263	60,194	70,791	66,684	75,940	76,938	82,338	70,320
82	U. Central FL	26,418	33,845	56,945	36,422	42,131	59,241	62,689	70,022
83	U. CA, Santa Barbara	30,535	37,400	39,544	53,425	60,708	59,077	61,059	68,260
84	U. AR main campus	45,734	50,039	55,131	55,475	55,206	57,830	64,642	67,345
85	U. CA, Riverside	55,827	62,495	68,742	79,631	72,059	69,646	69,302	66,797
86	U. MA Amherst	46,699	52,195	48,400	54,562	52,673	55,336	60,566	66,415
87	U. Louisville	41,515	46,349	47,741	41,996	48,598	56,177	61,243	65,392
88	U. CO all campuses	73,932 e	53,241 i	56,829	59,352	58,820	68,006	67,701	64,444
89	U. SC all campuses	57,345	52,526	57,990	69,705	58,366	49,815	57,117	64,443
90	U. WY	28,088	26,538	21,615	21,615 e	36,868	36,868 e	54,098	63,570
91	U. Miami	37,725	39,162	41,969	50,148	46,846	52,503	53,513	63,108
92	OK State U. all campuses	59,929	63,515	64,675	63,887	65,331	60,570	62,799	62,380
93	Case Western Reserve U.	42,154	42,471	39,401	37,154	45,222	36,275	111,133	62,284
94	Brown U.	31,054	31,533	33,269	41,267	43,645	46,615	47,405	61,004
95	Dartmouth C.	22,781	22,505	39,252	39,584	49,761	50,157	56,765	59,847
96	U. TX Medical Branch	38,519	36,539	38,040	51,434	60,083	64,307	57,019	59,507
97	WV U.	37,128	38,117	41,871	35,591	44,162	47,183	52,909	58,370
98	ND State U. all campuses	32,388	34,600	49,675	50,691	53,872	56,740	56,951	58,360
99	U. MA Worcester	27,524	33,375	31,768	38,737	39,741	42,928	45,669	55,518
100	U. AK Fairbanks all campuses	54,178	55,895	54,908	50,110	56,309	56,943	49,851	55,140
101	U. TX Health Science Ctr. San Antonio	30,900	38,573	44,001	45,855	46,621	47,377	47,250	54,930
102	Southern IL U. Carbondale	25,509	26,224	32,339	42,815	40,940	38,396	40,459	54,412
103	U. NM all campuses	30,874	33,538	47,114	46,346	51,698	57,786	49,146	53,316
104	U. TX Health Science Ctr. Houston	34,019	39,922	36,894	39,704	41,813	40,591	40,122	52,284
105	U. Chicago	27,085	29,806	38,559	41,434	46,193	43,288	48,291	51,830
106	U. ME	22,289	30,409	40,197	38,417	40,022	44,703	46,115	51,759
107	VA Commonwealth U.	31,610	36,083	41,865	44,591	45,250	43,773	48,783	51,680
108	Harvard U.	60,174	60,111	71,693	64,760	60,087	54,731	51,290	49,698
109	OR Health & Science U.	24,774 i	22,321	25,114	28,498	32,957	48,228	49,542	48,970
110	Mt. Sinai School of Medicine	43,141	51,658	67,602	59,356	51,134	27,537	33,967	48,305
111	U. CA, Santa Cruz	27,818	30,253	35,052	38,066	40,235	41,101	43,316	47,736

TABLE 29. Nonfederally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
112	U. HI Manoa	63,392	65,881	59,260	50,941	35,705	49,333	40,514	47,216
113	Medical C. WI	14,359	15,547	19,854	20,459	25,582	38,688	40,681	47,012
114	Wake Forest U.	22,534	21,255	20,322	19,896	21,938	13,678	43,467	43,580
115	UT State U.	40,931	45,783	47,108	42,228	43,368	45,671	38,964	42,428
116	NJ Institute of Technology	19,855	30,514	39,473	41,588	43,129	44,003	41,204	42,094
117	U. AR for Medical Sciences	17,674	19,112	17,702	17,555	21,996	20,814	32,463	41,744
118	TX A&M U. System Health Science Ctr.	na	11,415	22,475	27,219	28,302	33,887	40,213	40,895
119	U. ID	38,268	38,333	40,948	43,293	42,352	44,681	43,797	39,845
120	U. VT	27,964	23,530	26,787	30,322	34,162	35,105	35,814	39,322
121	George Washington U.	16,813	19,673	22,048	27,559	23,495	25,281	28,936	38,773
122	U. AL Birmingham, The	66,892	58,152	37,077	38,832	39,280	49,286	30,102	38,474
123	San Diego State U.	25,855	32,200	34,711	39,079	38,969	36,618	38,559	38,426
124	Rush U.	29,838	35,616	32,918	34,638	39,362	37,548	34,543	38,150
125	U. Houston	22,927	27,537	29,691	28,252	30,899	26,494	43,469	37,103
126	MT State U. Bozeman	29,244	34,760	34,736	38,225	38,220	38,822	37,861	37,066
127	TX Tech U.	38,246	44,783	46,951	54,583	60,739	34,411	34,552	36,313
128	U. LA Lafayette	21,305	20,528	19,943	34,871	29,314	39,368	28,461	35,712
129	Yeshiva U.	22,091	37,987	40,430	42,856	48,342	31,733	32,210	35,631
130	U. DE	38,893	36,995	35,661	36,974	31,213	33,402	35,618	35,345
131	U. VA all campuses	23,282	24,732	26,679	29,982	32,757	40,411	36,452	34,976
132	U. NV, Reno	23,352	29,981	27,843	26,763	32,797	32,765	35,250	34,441
133	Tufts U.	38,036	41,106	34,137	36,055	33,667	33,435	32,828	33,001
134	Northeastern U.	7,433	8,424	10,935	14,245	16,036	16,624	26,990	30,424
135	Tulane U.	36,545	37,705	44,092	38,174	35,591	35,760	44,331	30,345
136	Temple U.	24,206	14,253	18,539	19,273	20,018	25,599	29,075	28,832
137	U. NH	27,027	33,187	42,656	42,393	36,952	36,018	29,725	28,701
138	Uniformed Services U. of the Health Sciences	13,202	12,964	13,142	18,336	21,077	27,591	28,678	28,255
139	Drexel U.	9,483	10,584	7,539	14,233	20,277	21,157	25,443	28,188
140	U. Memphis, The	17,916	16,204	18,433	19,553	23,743	30,042	34,836	27,751
141	GA State U.	22,213	24,510	25,385	25,597	23,435	19,570	25,058	27,722
142	U. MD Biotechnology Institute	17,261	18,789	24,885	26,972	25,151	23,289	24,859	27,292
143	U. MD Ctr. for Environmental Science	18,700	20,800	24,530	25,421	25,690	25,807	27,169	27,286
144	Carnegie Mellon U.	51,766	46,789	47,419	50,224	28,768	32,291	26,395	27,117
145	Georgetown U.	27,454	34,375	5,602	30,326	29,250	30,468	23,610	26,290
146	NM Institute of Mining and Technology	15,342	14,984	15,137	17,445	21,752	24,623	25,257 i	25,891
147	Rensselaer Polytechnic Institute	16,231	15,207	19,116	19,465	18,482	20,256	23,233	25,886
148	U. MS all campuses	13,076 i	16,820	18,959 i	21,098 i	23,238	20,080	24,310	25,754
149	Wright State U. all campuses	10,766	16,549	16,616	14,892	16,127	17,453	19,801	25,281

TABLE 29. Nonfederally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
150	Thomas Jefferson U.	22,041	22,178	24,055	23,757	23,735	19,782	21,217	24,435
151	MI Technological U.	11,967	10,554	11,993	12,032	12,597	16,935	20,428	24,324
152	U. TX Dallas	8,328	8,635	8,635 e	14,574	16,218	15,541	23,178	24,244
153	U. RI	8,245	9,597	7,674	7,894	9,876	12,357	18,120	23,798
154	C. of William and Mary all campuses	19,430	20,268	20,541	21,851	21,982	23,371	23,248	22,904
155	U. of Notre Dame	6,869	7,162	16,295	19,086	18,583	25,605	20,194	22,843
156	Old Dominion U.	9,324	10,150	9,379	12,053	11,442	13,442	22,543	22,460
157	Southern IL U. Edwardsville	1,169	1,144	959	12,630	15,760	18,144	19,840	22,432
158	CA Institute of Technology	16,913	25,789	21,531	20,060	21,567	16,911	15,993	21,678
159	U. MD Baltimore County	6,230	5,800	5,946	6,947	8,742	11,855	15,090	20,888
160	SD State U.	9,513	9,336	11,261	10,970	16,211	17,515	18,128	20,487
161	Woods Hole Oceanographic Institution	12,188	14,511	15,359	21,506	19,813	13,631	16,770	20,257
162	FL International U.	9,304	14,353	20,351	15,597	11,315	15,632	25,350	19,911
163	U. MT-Missoula, The	9,745	11,212	14,341	16,755	16,342	16,600	18,252	19,864
164	Medical C. GA	27,112	30,386	31,075	28,388	28,118	22,967	25,368	19,619
165	OH U. all campuses	10,893	12,072	14,248	18,924	17,121	17,873	22,493	18,427
166	U. WI Milwaukee	12,135	11,585	12,403	13,472	13,555	14,598	16,855	18,166
167	SUNY Binghamton	12,237	12,342	12,600	12,384	14,109	14,991	15,275	17,422
168	Boston C.	7,234	11,094	10,645	8,927	9,251	9,251 e	13,787	17,315
169	U. ND all campuses	3,384	3,463	3,949	8,969	13,467	13,246	14,706	17,226
170	Boston U.	17,712	20,299	21,260	21,174	20,894	21,813	17,678	17,055
171	U. Akron all campuses	9,139	12,414	13,594	18,543	18,605	17,204	16,642	17,007
172	Brandeis U.	18,882	21,214	22,787	18,116	17,119	13,457	14,348	15,833
173	Wichita State U.	11,295	10,985	10,416	12,155	11,782	18,152	23,137	15,571
174	Lehigh U.	14,741	12,780	15,097	9,168	12,996	12,648	15,648	15,221
175	Creighton U.	11,086	10,300	10,399	12,388	14,703	11,706	14,339	15,110
176	U. MO-Rolla	17,162	16,164	16,870	16,473	17,857	21,024	16,565	15,033
177	U. AL Huntsville, The	15,037	15,335	13,106	12,693	11,037	9,652	12,243	14,595
178	George Mason U.	7,274	6,124	6,889	6,959	6,470	6,452	6,155	14,470
179	U. NV, Las Vegas	9,922	10,400	11,327	8,160	9,694	17,416	12,401	14,259
180	U. Toledo	6,137	7,382	9,577	15,829	13,195	14,479	16,830	13,959
181	Eastern VA Medical School	12,742	11,185	14,861	15,495	17,370	16,268	13,752	13,614
182	Air Force Institute of Technology	2,776	2,400	6,640	6,634	6,036	8,337	9,732	13,571
183	Northern AZ U.	4,746	4,728	5,041	6,390	6,546	7,213	8,323	13,327
184	CUNY Hunter C.	8,408	6,397	9,042	11,332	15,657	16,095	14,480	12,836
185	U. TX El Paso	3,669	4,461	5,722	7,227	9,069	8,540	11,447	12,830
186	Rice U.	6,057	6,696	6,993	8,430	8,661	9,715	8,367	12,684

TABLE 29. Nonfederally financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
187	U. MA Boston	8,181	8,680	9,126	8,284	10,214	10,048	11,822	12,446
188	U. Dayton	6,182	7,628	7,241	6,363	5,616	7,087	8,663	12,301
189	TX Tech U. Health Science Ctr.	NA	NA	NA	NA	NA	12,223	11,967	12,300
190	U. AL, The	11,308	12,361	10,950	10,230	7,946	9,803	10,138	12,282
191	Loyola U. Chicago	11,413	9,339	10,682	9,929	9,474	6,984	9,967	12,249
192	San Jose State U.	9,180 e	9,180 e	8,408	9,226	9,388	8,905	11,726	11,490
193	Miami U. all campuses	7,662	8,000	9,480	9,258	9,415	10,245	10,012	11,355
194	Syracuse U. all campuses	9,590	10,443	12,440	13,166	14,287	15,114	15,075	10,801
195	U. OR	5,359	5,141	4,649	6,546	8,477	8,322	9,093	10,570
196	U. PR Mayaguez Campus	31,864	22,846	9,612	11,074	10,433	9,147	9,706	10,435
197	U. TX Arlington	5,361	5,617	8,073	7,249	7,218	8,505	11,317	10,261
198	San Francisco State U.	1,370 e	662 e	662 e	1	6,411	5,847	11,198	10,078
199	U. MO-Kansas City	7,125	12,157	10,619	13,265	16,872	16,272	13,820	10,051
200	U. TX San Antonio	2,317	2,851	3,319	4,004	3,672	4,094	6,505	9,982
	All other sampled institutions	571,652	584,730	628,065	702,318	730,910	692,182	689,089	690,100

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; na = not applicable; institution did not exist or did not exist as a separate entity; NA = not available; institution was not surveyed separately.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$37 million in nonfederally financed R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 30. Industry-financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
	All institutions	2,032,871	2,155,924	2,218,566	2,191,084	2,161,753	2,129,322	2,293,591	2,427,627
1	Duke U.	121,630	109,791	104,063	99,807	122,181	94,359	134,608	132,996
2	OH State U. all campuses	52,034	57,075	54,736	51,135	45,957	56,580	81,423	106,252
3	PA State U. all campuses	65,698	64,393	67,658	67,131	77,660	85,570	87,928	89,170
4	MA Institute of Technology	75,444	83,082	97,256	79,921	80,664	72,227	72,121	75,790
5	U. WA	51,319	57,405	43,312	46,702	48,222	46,531	45,281	56,765
6	Purdue U. all campuses	28,856	29,997	29,765	29,614	34,720	37,908	46,571	45,549
7	NC State U.	34,414	35,675	37,858	34,656	35,940	40,734	38,710	41,959
8	U. CA, San Diego	31,356	34,541	36,845	32,299	28,868	31,028	34,259	39,825
9	U. PA	30,269	32,632	28,227	26,994	26,623	27,678	34,483	38,347
10	GA Institute of Technology all campuses	62,752	64,508	59,691	55,802	32,839	29,500	33,117	37,279
11	U. CA, San Francisco	36,830	34,964	35,759	33,577	37,396	31,482	34,175	35,621
12	U. South FL	6,236	10,873	11,152	8,215	2,115	6,533	28,863	35,425
13	Stanford U.	31,516	41,013	35,012	39,110	31,176	34,296	34,072	34,637
14	U. MD Baltimore	11,572	29,892	41,226	51,562	65,473	59,838	57,806	33,772
15	TX A&M U. all campuses	34,722	31,084	35,110	33,300	27,006	32,094	18,927	33,613
16	U. FL	28,183	34,879	17,183	19,017	23,893	16,666	24,420	32,942
17	U. TX Austin	39,729	24,740	30,310	26,114	32,174	27,176	35,045	32,637
18	U. AZ	16,660	22,412	22,934	23,104	31,079	29,571	32,914	32,576
19	U. MI all campuses	34,432	35,515	34,439	33,252	36,087	32,215	34,191	32,275
20	U. Rochester	18,226	17,595	23,782	24,645	25,298	27,926	31,094	29,433
21	U. TX M. D. Anderson Cancer Ctr.	0	20,271	26,717	33,407	31,316	22,338	26,766	28,020
22	U. MN all campuses	23,933	26,392	26,454	26,572	24,152	21,923	26,433	26,241
23	U. CA, Davis	16,242	17,891	16,989	20,754	22,688	24,248	25,046	26,221
24	Johns Hopkins U., The ^a	15,317	15,751	18,737	20,282	19,477	19,838	23,446	25,162
25	U. Southern CA	23,111	25,298	22,949	24,321	25,406	19,960	23,177	24,952
26	U. CA, Berkeley	21,928	27,851	26,791	24,999	22,460	22,833	24,095	24,744
27	U. CA, Los Angeles	34,404	33,427	32,539	31,686	30,425	27,656	25,333	24,480
28	NM State U. all campuses	2,892	3,466	4,272	3,131	4,895	651	1,253	21,214
29	U. Miami	15,752	17,028	17,554	17,262	17,117	18,924	19,402	20,400
30	Cornell U. all campuses	12,053	12,697	22,261	27,341	25,569	23,023	22,894	20,369
31	U. WI Madison	14,172	16,127	17,237	16,746	15,918	17,911	17,912	20,310
32	U. TN all campuses	15,093	12,740	15,391	14,520	13,994	13,860	15,603	19,857
33	U. IA	20,778	17,262	21,394	19,169	20,954	14,075	16,957	18,893
34	SUNY Buffalo all campuses	5,485	5,590	11,598	12,171	10,575	10,363	11,045	18,408
35	U. Central FL	4,873	5,833	5,288	5,499	6,128	14,652	18,746	17,699
36	U. of Medicine and Dentistry NJ	10,736	10,001	13,496	12,125	11,364	14,533	19,472	17,085

TABLE 30. Industry-financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
37	Yale U.	15,242	14,355	14,119	13,025	15,417	14,394	17,100	16,664
38	Baylor C. of Medicine	19,400	17,578	18,389	18,729	17,526	18,642	17,567	16,465
39	Scripps Research Institute, The	NA	NA	NA	NA	NA	17,798 i	16,479	16,277
40	U. CA, Irvine	16,539	18,615	15,803	14,261	11,101	13,391	14,944	16,224
41	SUNY Albany	1,337	622	1,017	1,337	1,554	7,409	10,693	16,093
42	VA Polytechnic Institute and State U.	13,287	14,869	18,355	20,866	24,760	22,857	14,439	15,911
43	LA State U. all campuses	13,187	15,108	16,648	16,394	16,212	15,506	14,596	15,724
44	U. TX Southwestern Medical Ctr. Dallas	16,197	14,861	13,320	12,836	12,087	12,493	14,293	15,073
45	Wake Forest U.	16,320	15,125	13,330	12,510	12,962	5,787	14,940	14,659
46	U. NE all campuses	10,990 i	11,552	11,840	13,982	14,314	13,471	12,636	14,161
47	Washington U. St. Louis	19,964	22,691	24,865	16,100	13,054	13,114	14,068	14,081
48	U. CA, Santa Barbara	4,742	5,499	6,001	10,482	13,550	12,286	12,483	13,918
49	CO State U.	7,213	6,519	8,850	10,034	14,736	15,622	10,228	13,852
50	U. HI Manoa	13,021	11,158	7,232	9,957	6,829	21,234	12,155	12,540
51	OR Health & Science U.	1,599 i	12,430	11,538	10,626	8,673	9,233	11,108	12,206
52	Northwestern U.	14,168	12,860	14,294	12,214	8,927	9,221	8,649	12,199
53	Clemson U.	8,445	9,768	11,582	12,035	12,329	12,687	11,731	12,185
54	Medical U. SC	2,202	2,880	7,168	9,939	7,288	7,472	8,547	12,093
55	Carnegie Mellon U.	17,761	21,136	23,491	25,261	13,132	14,728	12,819	12,025
56	AZ State U. main campus	4,267	4,700	5,641	7,095	8,103	8,062	8,473	11,843
57	Brown U.	1,795	1,530	1,777	2,172	2,363	1,785	2,717	11,766
58	MI State U.	7,647	11,230	10,953	11,458	11,307	8,628	9,393	11,699
59	Rush U.	8,154	8,762	9,128	10,108	9,321	9,387	11,814	11,588
60	U. IL Urbana-Champaign	12,864	12,693	10,992	11,796	13,253	13,128	11,348	11,516
61	U. CO all campuses	9,867 e	9,356 i	9,002	11,822	10,239	10,018	11,966	11,491
62	IA State U.	14,905	15,075	13,177	16,047	14,384	15,056	11,196	10,845
63	Southern IL U. Carbondale	2,462	2,355	5,484	4,108	3,281	7,519	5,657	10,801
64	Mt. Sinai School of Medicine	9,257	12,141	18,133	12,203	12,686	10,780	9,195	10,768
65	U. MD College Park	3,053	1,028	7,315	5,078	8,060	9,188	9,841	10,613
66	VA Commonwealth U.	8,062	7,495	8,522	9,053	10,780	9,489	9,085	10,282
67	U. AK Fairbanks all campuses	19,340	19,686	28,352	22,907	23,093	16,934	11,356	10,019
68	NM Institute of Mining and Technology	7,034	6,373	6,204	6,378	8,145	10,755	11,033 i	9,991
69	Northeastern U.	2,981	3,567	5,530	7,487	8,179	8,316	8,424	9,595
70	Thomas Jefferson U.	12,081	12,324	12,326	13,209	8,781	8,035	9,018	9,585
71	Rutgers, The State U. NJ all campuses	9,833	8,843	10,965	11,772	10,821	9,665	8,034	9,542
72	U. OK all campuses	7,756	9,499	10,396	12,660	10,645	8,085	7,921	9,490
73	U. MA Worcester	4,265	3,467	3,317	3,275	4,397	5,904	8,018	9,465
74	U. KY all campuses	15,109	11,213	12,933	7,810	6,693	7,299	8,194	9,464

TABLE 30. Industry-financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
75	Wayne State U.	10,660	10,932	10,860	11,163	13,566	12,473	12,979	9,429
76	U. of Notre Dame	2,920	2,279	3,631	7,076	6,971	7,312	7,196	9,280
77	U. Pittsburgh all campuses	12,990	14,676	14,817	13,023	4,427	6,639	7,378	8,670
78	Creighton U.	6,242	6,084	5,942	7,122	7,710	7,450	8,788	8,653
79	U. TX Health Science Ctr. Houston	12,872	13,029	10,945	11,241	12,414	7,373	8,214	8,622
80	U. IL Chicago	9,683	11,010	10,989	9,325	7,014	6,369	7,033	8,604
81	U. ND all campuses	2,308	2,356	2,458	4,704	5,657	4,918	5,665	8,446
82	Tufts U.	7,027	8,118	7,726	8,888	8,756	7,392	8,149	8,161
83	U. UT	8,951	7,940	6,023	5,819	4,964	5,032	7,799	8,132
84	CA Institute of Technology	6,332	8,919	10,225	9,989	4,825	3,918	5,982	7,981
85	U. VT	7,112	5,713	6,434	7,157	7,477	6,856	7,259	7,874
86	U. AL Birmingham, The	10,181	7,752	8,443	8,368	6,255	9,391	8,779	7,868
87	CO School of Mines	9,292	7,870	9,466	11,001	11,327	9,510	10,049	7,702
88	NY U.	7,502	7,767	6,535	5,902	8,043	9,032	2,692	7,637
89	U. TX Health Science Ctr. San Antonio	10,777	10,707	9,677	8,847	7,514	6,268	4,391	7,552
90	MS State U.	7,892	7,955	6,744	6,366	6,246	6,788	7,595	7,445
91	U. NC Chapel Hill	5,886	6,835	6,971	6,601	6,551	6,543	6,678	7,391
92	Boston U.	7,601	8,574	8,450	8,935	8,084	8,575	8,592	7,344
93	U. AR main campus	6,198	4,746	4,224	6,370	5,470	5,958	7,071	7,299
94	U. CT all campuses	10,355	13,540	9,819	9,889	12,143	10,738	11,066	7,096
95	NY Medical C.	3,742	3,294	3,626	3,802	5,266	6,253	6,626	6,768
96	Rensselaer Polytechnic Institute	10,084	6,581	5,928	5,142	6,486	6,429	4,253	6,560
97	Vanderbilt U.	3,730	4,063	3,036	3,302	5,042	5,052	6,027	6,517
98	NJ Institute of Technology	1,258	1,344	6,779	6,035	5,681	675	786	6,420
99	Emory U.	7,794	7,513	7,950	9,282	6,416	5,524	5,831	6,278
100	Case Western Reserve U.	6,157	5,890	6,190	5,555	5,339	5,340	18,646	6,277
101	IN U. all campuses	4,820	5,384	6,375	5,312	8,079	7,939	7,804	6,219
102	Princeton U.	5,965	6,881	8,246	8,292	8,487	7,975	6,539	6,200
103	Harvard U.	11,790	12,189	14,056	10,215	5,929	5,877	9,132	6,155
104	Mercer U. all campuses	1,280	1,405	1,115	1,986	5,099	6,899	6,916	6,091
105	U. MA Amherst	5,796	5,535	6,181	5,417	3,838	4,914	4,724	5,934
106	U. TX Medical Branch	6,366	6,146	6,020	5,737	7,979	5,842	8,065	5,870
107	U. GA	11,034	12,276	13,791	15,387	15,777	12,794	14,279	5,865
108	U. NH	4,395	4,923	7,751	5,964	6,195	6,032	5,603	5,818
109	Columbia U. in the City of NY	2,630	3,362	2,885	3,110	5,350	7,420	8,446	5,708
110	TX A&M U. System Health Science Ctr.	na	2,704	1,050	2,005	1,631	2,876	3,938	5,467
111	FL A&M U.	0	0	0	3,220	2,446	3,047	744	5,320

TABLE 30. Industry-financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
112	Temple U.	1,284	188	5,400	5,030	4,245	6,202	5,331	5,210
113	Embry-Riddle Aeronautical U.	104 e	62 i	522	745	1,898	2,516	5,382	5,186 i
114	SUNY Stony Brook all campuses	7,416	7,567	7,026	5,947	4,950	4,802	4,640	5,151
115	U. NM all campuses	2,940	1,853	1,821	1,427	2,286	2,413	4,825	5,118
116	George Washington U.	4,001	4,220	5,081	6,456	1,863	2,058	4,794	4,973
117	U. CA, Riverside	3,893	3,345	4,227	3,358	5,004	4,807	4,156	4,947
118	U. Cincinnati all campuses	5,989	5,166	6,028	4,549	5,254	6,958	8,220	4,859
119	TX Tech U.	5,682	5,946	6,236	6,774	7,166	6,224	4,979	4,764
120	U. VA all campuses	4,891	6,954	7,733	9,026	9,053	7,456	7,174	4,758
121	U. Chicago	1,621	1,462	1,746	2,285	3,189	3,098	3,819	4,734
122	Auburn U. all campuses	3,649	3,917	4,683	4,178	3,849	3,833	4,969	4,697
123	Eastern VA Medical School	8,561	6,044	6,264	3,926	4,150	4,709	4,757	4,664
124	Dartmouth C.	4,544	4,274	4,389	4,425	5,062	4,780	3,950	4,543
125	U. Houston	1,762	1,689	1,992	3,784	4,980	5,297	3,290	4,425
126	U. MA Lowell	6,234	7,204	6,911	5,294	4,920	3,904	4,755	4,423
127	U. DE	4,152	3,757	5,041	5,661	2,982	2,984	3,932	4,326
128	U. Dayton	4,454	5,598	5,138	3,357	3,143	3,781	4,431	4,266
129	MI Technological U.	3,578	3,834	4,176	2,899	3,369	3,761	4,248	4,194
130	CA State U. San Bernardino	1,847	288	261	165	101	537	1,232	4,134
131	OK State U. all campuses	3,447	4,076	3,688	3,752	4,877	4,326	5,300	4,113
132	WV U.	5,532	7,185	6,328	6,795	2,274	3,757	3,341	4,055
133	U. AL Huntsville, The	5,071	4,532	4,956	2,179	1,186	756	2,240	4,029
134	U. RI	1,095	1,194	441	353	619	2,474	3,526	3,865
135	U. NC Charlotte	924	701	773	1,159	1,705	1,605	2,960	3,857
136	CUNY The City C.	1,531	1,659	1,602	1,967	1,829	3,183	2,852	3,824
137	U. Louisville	6,100	6,532	911	739	1,442	2,862	2,449	3,754
138	U. South AL	1,779 e	1,298	1,298 e	1,185	1,439	423	819	3,740
139	Wright State U. all campuses	1,717	2,968	3,269	3,812	3,570	2,900	3,871	3,660
140	Tulane U.	11,914	10,340	8,654	13,555	14,454	6,660	7,019	3,591
141	U. AR for Medical Sciences	3,889	3,321	2,900	2,676	3,519	3,270	3,072	3,571
142	OH U. all campuses	2,843	1,591	2,022	2,729	2,831	2,959	4,345	3,491
143	U. ME	2,324	2,899	3,562	4,030	3,323	3,737	3,843	3,469
144	Georgetown U.	7,939	9,795	4,996	9,421	8,972	4,415	7,734	3,388
145	OR State U.	211	141	298	467	353	2,713	2,175	3,378
146	U. KS all campuses	14,393	15,712	4,155	5,098	2,821	2,295	3,027	3,365
147	U. Akron all campuses	2,150	3,090	2,557	2,568	3,044	3,475	3,408	3,316
148	U. Tulsa	3,561	3,179	3,258	3,061	1,655	2,538	2,275	3,240
149	Rockefeller U.	2,707	2,775	2,844	2,916	2,988	3,063	3,140	3,218

TABLE 30. Industry-financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
150	U. SC all campuses	2,176	2,822	4,239	5,050	3,368	2,889	1,854	3,166
151	U. MO-Rolla	2,079	2,543	3,088	4,283	3,540	6,505	3,704	3,148
152	MT State U. Bozeman	7,079	8,523	7,041	6,161	5,601	4,446	3,016	3,105
153	WA State U.	3,158	4,579	4,438	3,874	3,666	3,031	3,325	2,865
154	U. MO-Columbia	3,832	4,007	4,654	5,042	4,802	4,177	3,918	2,848
155	Brigham Young U. all campuses	2,781	2,028	2,384	2,129	1,494	2,013	2,312	2,840
156	SUNY Binghamton	3,584	3,327	2,493	2,654	2,281	2,418	2,658	2,788
157	Wichita State U.	1,043	3,500	3,220	2,830	2,322	2,937	3,106	2,787
158	U. TX Arlington	2,220	700	787	2,288	967	1,984	2,179	2,740
159	Clarkson U.	1,226	1,447	1,566	1,566 e	1,219 i	1,992	2,251	2,724
160	UT State U.	3,998	7,885	6,595	3,298	3,340	3,338	2,244	2,596
161	U. Central AR	ne	21	327	27	250	257	188	2,569
162	U. CA, Santa Cruz	1,094	1,531	1,004	1,084	1,683	2,098	2,716	2,531
163	Western MI U.	1,648	1,650	858	1,530	1,764	2,353	2,216	2,482
164	U. Southern MS	996	984	807	1,905	2,067	1,648	1,645	2,469
165	SUNY Upstate Medical U.	272	263	807	910	1,377	1,468	1,615	2,459
166	OR Institute of Technology	ne	ne	ne	0	660	1,001	1,441	2,447
167	Polytechnic U.	2,135	2,100	2,510	2,825	3,054 i	2,497	2,680	2,420
168	Drexel U.	4,078	3,137	251	795	2,407	2,344	2,058	2,251
169	U. TX Dallas	1,336	4,715	4,715 e	3,367	2,843	1,016	1,676	2,232
170	Syracuse U. all campuses	1,470	6,329	1,420	1,280	1,730	1,611	1,399	2,220
171	Old Dominion U.	2,787	3,533	2,885	3,318	2,919	3,772	3,564	2,206
172	Baylor U.	75 e	475	741	1,051	1,325	1,033	2,575	2,190
173	Rochester Institute of Technology	769	917	2,705	2,633	2,875	4,293	1,874	2,042
174	Lehigh U.	6,669	5,636	5,532	1,680	1,373	1,259	1,764	1,961
175	U. WY	3,206	2,941	2,581	2,581 e	2,494	2,494 e	1,560	1,937
176	U. AL, The	1,577	1,941	1,989	2,224	1,150	1,428	1,870	1,927
177	Yeshiva U.	0	0	0	0	0	1,818	2,190	1,874
178	U. NV, Reno	1,374	2,557	2,338	1,204	1,570	1,463	1,367	1,866
179	U. of the VI	96	96 e	167 i	1,070	1,769	1,639	2,364	1,853
180	U. TX El Paso	697	941	1,321	2,040	1,729	1,792	1,741	1,795
181	KS State U.	3,746	4,057	4,943	5,659	2,751	3,407	2,851	1,757
182	Medical C. WI	2,151	1,931	2,126	1,642	1,188	716	1,408	1,754
183	U. of the Pacific	99	218	348	857	660	1,194	1,703	1,744
184	U. MA Dartmouth	771	652	517	2,120	0	753	1,252	1,680
185	Alfred U. all campuses	2,414	3,066	3,244	3,249	2,537	1,736	2,070	1,675
186	U. AR Little Rock	ne	0 i	0	0 e	244	809	477	1,632 i

TABLE 30. Industry-financed R&D expenditures at universities and colleges, ranked by FY 2006 expenditures for the first 200 institutions: FY 1999–2006

(Dollars in thousands)

Rank	Institution	1999	2000	2001	2002	2003	2004	2005	2006
187	Northern AZ U.	1,315	1,407	1,349	1,256	1,098	1,271	973	1,629
188	Stevens Institute of Technology	2,424	2,555	0	0 e	0 i	1,313	2,563	1,603
189	FL Atlantic U.	5,681	6,387	9,580	6,406	6,386	648	1,669	1,590
190	ID State U.	1,915	2,256	2,060	2,554	2,544	2,758	2,115	1,560
191	Rice U.	1,645	2,858	1,720	1,600	1,426	2,265	1,581	1,468
192	Milwaukee School of Engineering	1,434	1,472	1,444	1,242	1,254	1,341	1,185	1,445
193	U. North TX Health Science Ctr. Ft. Worth	2,389	2,105	1,092	1,016	585	1,954	1,223	1,401
194	U. MS all campuses	2,238 i	2,034	2,292 i	2,551 i	964	987	1,053	1,385
195	U. MD Baltimore County	2,649	2,159	2,131	1,970	1,953	546	1,220	1,342
196	IL Institute of Technology	2,451	1,549	1,295	0	0	0	0	1,319
197	U. NV, Las Vegas	2,596	2,131	1,938	1,585	2,085	3,446	1,555	1,287
198	FL International U.	729	1,843	8,397	3,131	4,697	5,101	2,060	1,281
199	TX State U. San Marcos	0	0	33	78	202	59	1,086	1,266
200	U. PR Medical Sciences Campus	602	954	1,121	1,495	1,848	1,437	1,194	1,249
	All other sampled institutions	105,823	113,860	120,954	113,709	104,082	95,535	87,543	75,642

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; na = not applicable; institution did not exist or did not exist as a separate entity; NA = not available; institution was not surveyed separately; ne = not eligible; institution did not meet the criteria for inclusion.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$1 million in industry-financed R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
	All institutions	47,760,402	30,033,156	3,016,240	2,427,627	9,062,058	3,221,321
1	Johns Hopkins U., The ^a	1,499,977	1,307,453	5,830	25,162	69,960	91,572
2	U. WI Madison	831,895	491,810	31,181	20,310	223,832	64,762
3	U. CA, Los Angeles	811,493	483,873	14,984	24,480	162,219	125,937
4	U. MI all campuses	800,488	565,739	9,522	32,275	153,410	39,542
5	U. CA, San Francisco	796,149	464,660	26,804	35,621	129,527	139,537
6	U. WA	778,148	650,394	8,969	56,765	43,388	18,632
7	U. CA, San Diego	754,766	463,807	25,758	39,825	124,987	100,389
8	Stanford U.	679,196	540,069	4,595	34,637	40,742	59,153
9	U. PA	676,052	478,773	6,564	38,347	64,229	88,139
10	Duke U.	657,080	414,419	17,906	132,996	69,103	22,656
11	OH State U. all campuses	652,329	315,914	97,823	106,252	103,381	28,959
12	Cornell U. all campuses	648,802	390,043	64,411	20,369	128,118	45,861
13	PA State U. all campuses	644,182	367,215	69,552	89,170	117,119	1,126
14	MA Institute of Technology	600,748	476,362	681	75,790	10,576	37,339
15	U. MN all campuses	594,877	326,170	52,982	26,241	107,781	81,703
16	U. CA, Davis	573,002	248,190	44,982	26,221	192,843	60,766
17	U. FL	565,491	248,322	90,945	32,942	164,085	29,197
18	Washington U. St. Louis	547,674	408,402	14,946	14,081	71,936	38,309
19	U. CA, Berkeley	546,035	261,718	36,418	24,744	146,469	76,686
20	U. AZ	535,847	301,619	10,016	32,576	143,701	47,935
21	U. Pittsburgh all campuses	530,162	422,316	13,415	8,670	61,815	23,946
22	Columbia U. in the City of NY	529,945	451,187	12,511	5,708	42,615	17,924
23	U. CO all campuses	512,794	448,350	2,255	11,491	28,751	21,947
24	TX A&M U. all campuses	492,955	206,242	115,623	33,613	127,042	10,435
25	U. IL Urbana-Champaign	476,198	264,645	35,289	11,516	150,474	14,274
26	Baylor C. of Medicine	462,375	287,679	3,377	16,465	61,204	93,650
27	Yale U.	460,075	348,500	867	16,664	29,828	64,216
28	U. TX M. D. Anderson Cancer Ctr.	457,696	182,028	121,682	28,020	76,287	49,679
29	Harvard U.	453,156	403,458	915	6,155	0	42,628
30	U. Southern CA	450,173	333,378	4,940	24,952	86,903	0
31	U. NC Chapel Hill	443,790	329,215	17,996	7,391	89,188	0
32	GA Institute of Technology all campuses	440,898	257,751	12,323	37,279	128,676	4,869
33	U. TX Austin	431,398	273,147	24,087	32,637	78,412	23,115
34	Northwestern U.	419,985	249,980	5,112	12,199	108,208	44,486
35	U. MD Baltimore	405,260	186,160	27,634	33,772	111,416	46,278
36	Vanderbilt U.	376,893	300,423	163	6,517	53,634	16,156
37	Purdue U. all campuses	372,958	157,438	53,485	45,549	114,647	1,839
38	Case Western Reserve U.	369,264	306,980	16,148	6,277	19,050	20,809
39	Scripps Research Institute, The	367,375	268,533	73	16,277	59,544	22,948
40	U. Rochester	366,658	278,399	10,596	29,433	32,492	15,738
41	MI State U.	358,097	169,116	48,665	11,699	116,006	12,611
42	IN U. all campuses	355,004	170,635	5,060	6,219	120,465	52,625
43	U. MD College Park	354,244	209,764	17,140	10,613	109,817	6,910
44	U. IA	346,357	216,521	9,851	18,893	91,020	10,072
45	Emory U.	345,989	267,894	12,221	6,278	31,615	27,981
46	LA State U. all campuses	343,775	126,545	85,139	15,724	90,422	25,945
47	U. NE all campuses	333,243	139,113	7,288	14,161	148,575	24,106
48	U. TX Southwestern Medical Ctr. Dallas	333,237	196,621	33,940	15,073	13,748	73,855

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
49	U. IL Chicago	332,176	203,875	6,462	8,604	90,951	22,284
50	U. AL Birmingham, The	331,436	292,962	58	7,868	15,129	15,419
51	NC State U.	330,936	131,262	86,543	41,959	67,784	3,388
52	U. KY all campuses	323,958	151,238	44,929	9,464	97,852	20,475
53	U. GA	323,843	92,652	49,806	5,865	162,851	12,669
54	VA Polytechnic Institute and State U.	321,722	119,994	93,316	15,911	76,918	15,583
55	Rutgers, The State U. NJ all campuses	308,204	129,456	35,937	9,542	103,370	29,899
56	U. Chicago	305,301	253,471	5,065	4,734	20,069	21,962
57	U. CA, Irvine	300,229	169,983	9,862	16,224	64,683	39,477
58	SUNY Buffalo all campuses	297,909	153,152	12,197	18,408	81,740	32,412
59	U. Cincinnati all campuses	294,150	201,742	16,478	4,859	53,194	17,877
60	U. South FL	285,941	153,737	29,081	35,425	67,698	0
61	NY U.	284,164	189,276	4,673	7,637	36,680	45,898
62	SUNY Albany	274,354	103,835	62,205	16,093	75,668	16,553
63	Mt. Sinai School of Medicine	273,216	224,911	2,371	10,768	8,446	26,720
64	OR Health & Science U.	272,174	223,204	4,862	12,206	18,496	13,406
65	CA Institute of Technology	270,269	248,591	1,809	7,981	4,150	7,738
66	Boston U.	255,615	238,560	534	7,344	0	9,177
67	CO State U.	253,992	182,648	15,170	13,852	35,877	6,445
68	U. HI Manoa	249,635	202,419	8,788	12,540	25,888	0
69	U. TN all campuses	249,067	113,559	55,503	19,857	43,170	16,978
70	U. UT	248,168	174,888	1,719	8,132	45,255	18,174
71	U. of Medicine and Dentistry NJ	245,771	140,923	12,061	17,085	51,476	24,226
72	U. VA all campuses	238,754	203,778	864	4,758	19,912	9,442
73	SUNY Stony Brook all campuses	234,635	112,973	3,527	5,151	92,616	20,368
74	IA State U.	221,998	104,553	40,323	10,845	61,547	4,730
75	Wayne State U.	220,731	118,042	14,072	9,429	63,092	16,096
76	Rockefeller U.	215,417	93,742	361	3,218	109,828	8,268
77	U. MO-Columbia	215,240	101,732	16,850	2,848	88,589	5,221
78	U. CT all campuses	215,184	124,837	7,180	7,096	62,034	14,037
79	U. Miami	213,516	150,408	3,182	20,400	15,303	24,223
80	Carnegie Mellon U.	212,506	185,389	4,130	12,025	4,824	6,138
81	AZ State U. main campus	201,955	109,893	14,772	11,843	61,204	4,243
82	Dartmouth C.	200,277	140,430	4,593	4,543	37,092	13,619
83	WA State U.	196,391	81,324	31,768	2,865	69,742	10,692
84	U. KS all campuses	195,947	115,522	4,670	3,365	63,767	8,623
85	U. MA Worcester	191,659	136,141	35,242	9,465	2,377	8,434
86	MS State U.	189,917	94,073	29,957	7,445	58,442	0
87	OR State U.	189,606	116,586	36,617	3,378	29,858	3,167
88	Yeshiva U.	189,416	153,785	0	1,874	22,000	11,757
89	Princeton U.	188,165	117,845	1,280	6,200	51,659	11,181
90	FL State U.	185,633	110,358	10,642	989	56,652	6,992
91	Wake Forest U.	183,129	139,549	10,978	14,659	945	16,998
92	U. NM all campuses	181,223	127,907	1,922	5,118	44,230	2,046
93	U. TX Medical Branch	179,915	120,408	11,409	5,870	25,976	16,252
94	Clemson U.	179,840	56,268	29,297	12,185	78,918	3,172
95	U. OK all campuses	178,719	90,880	12,507	9,490	52,390	13,452
96	Medical U. SC	176,055	104,057	936	12,093	56,345	2,624
97	U. TX Health Science Ctr. Houston	175,154	122,870	14,854	8,622	13,081	15,727

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
98	U. CA, Santa Barbara	174,429	106,169	2,830	13,918	29,634	21,878
99	NM State U. all campuses	169,029	55,801	18,592	21,214	63,740	9,682
100	Brown U.	157,926	96,922	130	11,766	47,746	1,362
101	U. SC all campuses	153,737	89,294	3,963	3,166	47,967	9,347
102	U. AK Fairbanks all campuses	153,470	98,330	1,300	10,019	43,821	0
103	U. TX Health Science Ctr. San Antonio	150,040	95,110	7,694	7,552	27,959	11,725
104	VA Commonwealth U.	149,256	97,576	2,580	10,282	33,254	5,564
105	Medical C. WI	147,140	100,128	395	1,754	30,197	14,666
106	UT State U.	138,670	96,242	17,648	2,596	17,080	5,104
107	U. MA Amherst	136,057	69,642	5,684	5,934	45,773	9,024
108	U. Louisville	135,873	70,481	6,872	3,754	34,620	20,146
109	Tufts U.	128,965	95,964	848	8,161	8,836	15,156
110	U. CA Office of the President	128,770	796	43,736	661	75,685	7,892
111	Auburn U. all campuses	126,522	45,540	1,714	4,697	69,346	5,225
112	U. CA, Riverside	124,820	58,023	4,937	4,947	45,153	11,760
113	KS State U.	123,746	52,649	36,421	1,757	25,860	7,059
114	WV U.	122,134	63,764	3,537	4,055	49,781	997
115	Woods Hole Oceanographic Institution	121,888	101,631	117	881	12,528	6,731
116	U. VT	121,841	82,519	5,679	7,874	18,806	6,963
117	Georgetown U.	118,558	92,268	2,163	3,388	11,314	9,425
118	U. NH	115,117	86,416	4,832	5,818	14,602	3,449
119	U. DE	114,985	79,640	4,737	4,326	21,723	4,559
120	Tulane U.	114,397	84,052	5,234	3,591	9,768	11,752
121	U. CA, Santa Cruz	114,126	66,390	2,295	2,531	28,539	14,371
122	George Washington U.	113,982	75,209	1,096	4,973	10,176	22,528
123	MT State U. Bozeman	112,428	75,362	18,913	3,105	15,048	0
124	U. Central FL	107,996	37,974	17,528	17,699	34,795	0
125	U. AR for Medical Sciences	107,871	66,127	7,077	3,571	17,305	13,791
126	Thomas Jefferson U.	106,986	82,551	7,439	9,585	3,108	4,303
127	ND State U. all campuses	103,778	45,418	30,055	719	23,649	3,937
128	OK State U. all campuses	100,323	37,943	25,211	4,113	32,274	782
129	U. AR main campus	99,271	31,926	38,252	7,299	15,699	6,095
130	U. NV, Reno	98,917	64,476	2,685	1,866	29,015	875
131	Drexel U.	96,687	68,499	3,834	2,251	18,180	3,923
132	U. MS all campuses	93,471	67,717	3,521	1,385	14,435	6,413
133	U. ME	93,153	41,394	6,133	3,469	39,269	2,888
134	U. WY	89,414	25,844	2,616	1,937	55,108	3,909
135	U. ID	86,863	47,018	25,281	914	11,229	2,421
136	Rush U.	83,194	45,044	0	11,588	24,712	1,850
137	Temple U.	79,736	50,904	5,125	5,210	11,632	6,865
138	U. of Notre Dame	78,553	55,710	2,669	9,280	10,894	0
139	NJ Institute of Technology	77,583	35,489	5,600	6,420	25,718	4,356
140	TX A&M U. System Health Science Ctr.	76,109	35,214	1,502	5,467	21,321	12,605
141	U. Houston	75,662	38,559	7,641	4,425	22,825	2,212
142	Southern IL U. Carbondale	74,520	20,108	9,278	10,801	31,000	3,333
143	NM Institute of Mining and Technology	73,792	47,901	6,650	9,991	9,012	238
144	San Diego State U.	73,777	35,351	6,929	508	24,061	6,928
145	U. RI	70,696	46,898	7,891	3,865	12,042	0
146	Rensselaer Polytechnic Institute	70,576	44,690	6,715	6,560	9,711	2,900

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
147	U. Dayton	69,080	56,779	5,130	4,266	2,143	762
148	Uniformed Services U. of the Health Sciences	67,716	39,461	0	0	24,776	3,479
149	Rice U.	66,564	53,880	1,468	1,468	4,070	5,678
150	Northeastern U.	66,495	36,071	1,428	9,595	19,401	0
151	FL International U.	65,805	45,894	4,494	1,281	10,859	3,277
152	U. MD Baltimore County	65,718	44,830	2,236	1,342	12,683	4,627
153	Medical C. GA	61,174	41,555	147	988	14,824	3,660
154	U. MD Biotechnology Institute	59,297	32,005	257	949	25,097	989
155	U. AL Huntsville, The	59,231	44,636	471	4,029	10,095	0
156	TX Tech U.	58,591	22,278	15,516	4,764	12,448	3,585
157	U. OR	57,153	46,583	480	734	5,705	3,651
158	U. NV, Las Vegas	57,031	42,772	2,125	1,287	10,847	0
159	Brandeis U.	57,017	41,184	31	0	5,835	9,967
160	Naval Postgraduate School	56,780	54,528	980	999	0	273
161	U. ND all campuses	56,074	38,848	2,294	8,446	5,542	944
162	U. MT-Missoula, The	52,903	33,039	2,048	753	14,812	2,251
163	GA State U.	52,690	24,968	5,391	317	18,429	3,585
164	C. of William and Mary all campuses	52,025	29,121	2,928	723	17,239	2,014
165	George Mason U.	50,381	35,911	877	761	9,233	3,599
166	Old Dominion U.	49,966	27,506	3,312	2,206	16,942	0
167	St. Louis U. all campuses	48,133	45,183	268	429	59	2,194
168	Wright State U. all campuses	47,711	22,430	4,780	3,660	16,254	587
169	U. LA Lafayette	47,308	11,596	10,586	0	12,603	12,523
170	Charles R. Drew U. of Medicine and Science	47,188	44,394	762	199	1,833	0
171	U. TX Dallas	44,198	19,954	15,506	2,232	2,208	4,298
172	U. Memphis, The	43,715	15,964	2,976	445	21,269	3,061
173	MI Technological U.	43,081	18,757	422	4,194	18,933	775
174	U. MD Ctr. for Environmental Science	40,146	12,860	4,949	143	18,129	4,065
175	U. Southern MS	39,163	34,577	815	2,469	1,302	0
176	Desert Research Institute	38,511	30,407	2,885	750	1,637	2,832
177	U. PR Medical Sciences Campus	38,424	31,199	2,907	1,249	3,059	10
178	Jackson State U.	38,273	30,783	0	918	6,572	0
179	OH U. all campuses	38,000	19,573	1,299	3,491	12,324	1,313
180	Loyola U. Chicago	37,669	25,420	2,188	873	4,195	4,993
181	U. MO-Rolla	37,384	22,351	5	3,148	11,082	798
182	SUNY Upstate Medical U.	37,181	27,247	599	2,459	1,146	5,730
183	Howard U.	36,465	34,959	344	1,162	0	0
184	Syracuse U. all campuses	36,100	25,299	2,609	2,220	5,972	0
185	Boston C.	35,659	18,344	251	861	6,803	9,400
186	U. AL, The	35,129	22,847	3,439	1,927	6,308	608
187	San Jose State U.	34,687	23,197	7,634	308	1,319	2,229
188	NY Medical C.	34,397	26,579	297	6,768	324	429
189	FL A&M U.	34,293	24,902	4,071	5,320	0	0
190	U. WI Milwaukee	34,033	15,867	4,193	785	11,217	1,971
191	Lehigh U.	33,469	18,248	9,429	1,961	3,413	418
192	SD State U.	33,275	12,788	11,762	560	2,355	5,810
193	Eastern VA Medical School	33,013	19,399	194	4,664	485	8,271
194	Meharry Medical C.	32,878	30,914	0	0	0	1,964
195	Loma Linda U.	32,451	28,788	53	814	1,007	1,789

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
196	U. TX El Paso	32,161	19,331	7,776	1,795	3,259	0
197	Wichita State U.	31,873	16,302	7,491	2,787	5,118	175
198	CUNY Hunter C.	31,308	18,472	3,666	76	6,521	2,573
199	SUNY Health Science Ctr. Brooklyn	31,064	25,184	0	1,099	2,534	2,247
200	U. Toledo	30,493	16,534	1,223	872	10,872	992
	All other sampled institutions	2,235,647	1,435,327	181,643	154,257	345,988	118,432

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 32. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by source of funds: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
	All institutions	32,356,705	18,464,218	2,712,609	1,663,158	7,435,788	2,080,932
1	U. WI Madison	831,895	491,810	31,181	20,310	223,832	64,762
2	U. CA, Los Angeles	811,493	483,873	14,984	24,480	162,219	125,937
3	U. MI all campuses	800,488	565,739	9,522	32,275	153,410	39,542
4	U. CA, San Francisco	796,149	464,660	26,804	35,621	129,527	139,537
5	U. WA	778,148	650,394	8,969	56,765	43,388	18,632
6	U. CA, San Diego	754,766	463,807	25,758	39,825	124,987	100,389
7	OH State U. all campuses	652,329	315,914	97,823	106,252	103,381	28,959
8	PA State U. all campuses	644,182	367,215	69,552	89,170	117,119	1,126
9	U. MN all campuses	594,877	326,170	52,982	26,241	107,781	81,703
10	U. CA, Davis	573,002	248,190	44,982	26,221	192,843	60,766
11	U. FL	565,491	248,322	90,945	32,942	164,085	29,197
12	U. CA, Berkeley	546,035	261,718	36,418	24,744	146,469	76,686
13	U. AZ	535,847	301,619	10,016	32,576	143,701	47,935
14	U. Pittsburgh all campuses	530,162	422,316	13,415	8,670	61,815	23,946
15	U. CO all campuses	512,794	448,350	2,255	11,491	28,751	21,947
16	TX A&M U. all campuses	492,955	206,242	115,623	33,613	127,042	10,435
17	U. IL Urbana-Champaign	476,198	264,645	35,289	11,516	150,474	14,274
18	U. TX M. D. Anderson Cancer Ctr.	457,696	182,028	121,682	28,020	76,287	49,679
19	U. NC Chapel Hill	443,790	329,215	17,996	7,391	89,188	0
20	GA Institute of Technology all campuses	440,898	257,751	12,323	37,279	128,676	4,869
21	U. TX Austin	431,398	273,147	24,087	32,637	78,412	23,115
22	U. MD Baltimore	405,260	186,160	27,634	33,772	111,416	46,278
23	Purdue U. all campuses	372,958	157,438	53,485	45,549	114,647	1,839
24	MI State U.	358,097	169,116	48,665	11,699	116,006	12,611
25	IN U. all campuses	355,004	170,635	5,060	6,219	120,465	52,625
26	U. MD College Park	354,244	209,764	17,140	10,613	109,817	6,910
27	U. IA	346,357	216,521	9,851	18,893	91,020	10,072
28	LA State U. all campuses	343,775	126,545	85,139	15,724	90,422	25,945
29	U. NE all campuses	333,243	139,113	7,288	14,161	148,575	24,106
30	U. TX Southwestern Medical Ctr. Dallas	333,237	196,621	33,940	15,073	13,748	73,855
31	U. IL Chicago	332,176	203,875	6,462	8,604	90,951	22,284
32	U. AL Birmingham, The	331,436	292,962	58	7,868	15,129	15,419
33	NC State U.	330,936	131,262	86,543	41,959	67,784	3,388
34	U. KY all campuses	323,958	151,238	44,929	9,464	97,852	20,475
35	U. GA	323,843	92,652	49,806	5,865	162,851	12,669
36	VA Polytechnic Institute and State U.	321,722	119,994	93,316	15,911	76,918	15,583
37	Rutgers, The State U. NJ all campuses	308,204	129,456	35,937	9,542	103,370	29,899
38	U. CA, Irvine	300,229	169,983	9,862	16,224	64,683	39,477
39	SUNY Buffalo all campuses	297,909	153,152	12,197	18,408	81,740	32,412
40	U. Cincinnati all campuses	294,150	201,742	16,478	4,859	53,194	17,877
41	U. South FL	285,941	153,737	29,081	35,425	67,698	0
42	SUNY Albany	274,354	103,835	62,205	16,093	75,668	16,553
43	OR Health & Science U.	272,174	223,204	4,862	12,206	18,496	13,406
44	CO State U.	253,992	182,648	15,170	13,852	35,877	6,445
45	U. HI Manoa	249,635	202,419	8,788	12,540	25,888	0
46	U. TN all campuses	249,067	113,559	55,503	19,857	43,170	16,978
47	U. UT	248,168	174,888	1,719	8,132	45,255	18,174

TABLE 32. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by source of funds:
FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
48	U. of Medicine and Dentistry NJ	245,771	140,923	12,061	17,085	51,476	24,226
49	U. VA all campuses	238,754	203,778	864	4,758	19,912	9,442
50	SUNY Stony Brook all campuses	234,635	112,973	3,527	5,151	92,616	20,368
51	IA State U.	221,998	104,553	40,323	10,845	61,547	4,730
52	Wayne State U.	220,731	118,042	14,072	9,429	63,092	16,096
53	U. MO-Columbia	215,240	101,732	16,850	2,848	88,589	5,221
54	U. CT all campuses	215,184	124,837	7,180	7,096	62,034	14,037
55	AZ State U. main campus	201,955	109,893	14,772	11,843	61,204	4,243
56	WA State U.	196,391	81,324	31,768	2,865	69,742	10,692
57	U. KS all campuses	195,947	115,522	4,670	3,365	63,767	8,623
58	U. MA Worcester	191,659	136,141	35,242	9,465	2,377	8,434
59	MS State U.	189,917	94,073	29,957	7,445	58,442	0
60	OR State U.	189,606	116,586	36,617	3,378	29,858	3,167
61	FL State U.	185,633	110,358	10,642	989	56,652	6,992
62	U. NM all campuses	181,223	127,907	1,922	5,118	44,230	2,046
63	U. TX Medical Branch	179,915	120,408	11,409	5,870	25,976	16,252
64	Clemson U.	179,840	56,268	29,297	12,185	78,918	3,172
65	U. OK all campuses	178,719	90,880	12,507	9,490	52,390	13,452
66	Medical U. SC	176,055	104,057	936	12,093	56,345	2,624
67	U. TX Health Science Ctr. Houston	175,154	122,870	14,854	8,622	13,081	15,727
68	U. CA, Santa Barbara	174,429	106,169	2,830	13,918	29,634	21,878
69	NM State U. all campuses	169,029	55,801	18,592	21,214	63,740	9,682
70	U. SC all campuses	153,737	89,294	3,963	3,166	47,967	9,347
71	U. AK Fairbanks all campuses	153,470	98,330	1,300	10,019	43,821	0
72	U. TX Health Science Ctr. San Antonio	150,040	95,110	7,694	7,552	27,959	11,725
73	VA Commonwealth U.	149,256	97,576	2,580	10,282	33,254	5,564
74	UT State U.	138,670	96,242	17,648	2,596	17,080	5,104
75	U. MA Amherst	136,057	69,642	5,684	5,934	45,773	9,024
76	U. Louisville	135,873	70,481	6,872	3,754	34,620	20,146
77	U. CA Office of the President	128,770	796	43,736	661	75,685	7,892
78	Auburn U. all campuses	126,522	45,540	1,714	4,697	69,346	5,225
79	U. CA, Riverside	124,820	58,023	4,937	4,947	45,153	11,760
80	KS State U.	123,746	52,649	36,421	1,757	25,860	7,059
81	WV U.	122,134	63,764	3,537	4,055	49,781	997
82	U. VT	121,841	82,519	5,679	7,874	18,806	6,963
83	U. NH	115,117	86,416	4,832	5,818	14,602	3,449
84	U. DE	114,985	79,640	4,737	4,326	21,723	4,559
85	U. CA, Santa Cruz	114,126	66,390	2,295	2,531	28,539	14,371
86	MT State U. Bozeman	112,428	75,362	18,913	3,105	15,048	0
87	U. Central FL	107,996	37,974	17,528	17,699	34,795	0
88	U. AR for Medical Sciences	107,871	66,127	7,077	3,571	17,305	13,791
89	ND State U. all campuses	103,778	45,418	30,055	719	23,649	3,937
90	OK State U. all campuses	100,323	37,943	25,211	4,113	32,274	782
91	U. AR main campus	99,271	31,926	38,252	7,299	15,699	6,095
92	U. NV, Reno	98,917	64,476	2,685	1,866	29,015	875
93	U. MS all campuses	93,471	67,717	3,521	1,385	14,435	6,413
94	U. ME	93,153	41,394	6,133	3,469	39,269	2,888
95	U. WY	89,414	25,844	2,616	1,937	55,108	3,909

TABLE 32. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by source of funds: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
96	U. ID	86,863	47,018	25,281	914	11,229	2,421
97	Temple U.	79,736	50,904	5,125	5,210	11,632	6,865
98	NJ Institute of Technology	77,583	35,489	5,600	6,420	25,718	4,356
99	TX A&M U. System Health Science Ctr.	76,109	35,214	1,502	5,467	21,321	12,605
100	U. Houston	75,662	38,559	7,641	4,425	22,825	2,212
101	Southern IL U. Carbondale	74,520	20,108	9,278	10,801	31,000	3,333
102	NM Institute of Mining and Technology	73,792	47,901	6,650	9,991	9,012	238
103	San Diego State U.	73,777	35,351	6,929	508	24,061	6,928
104	U. RI	70,696	46,898	7,891	3,865	12,042	0
105	Uniformed Services U. of the Health Sciences	67,716	39,461	0	0	24,776	3,479
106	FL International U.	65,805	45,894	4,494	1,281	10,859	3,277
107	U. MD Baltimore County	65,718	44,830	2,236	1,342	12,683	4,627
108	Medical C. GA	61,174	41,555	147	988	14,824	3,660
109	U. MD Biotechnology Institute	59,297	32,005	257	949	25,097	989
110	U. AL Huntsville, The	59,231	44,636	471	4,029	10,095	0
111	TX Tech U.	58,591	22,278	15,516	4,764	12,448	3,585
112	U. OR	57,153	46,583	480	734	5,705	3,651
113	U. NV, Las Vegas	57,031	42,772	2,125	1,287	10,847	0
114	Naval Postgraduate School	56,780	54,528	980	999	0	273
115	U. ND all campuses	56,074	38,848	2,294	8,446	5,542	944
116	U. MT-Missoula, The	52,903	33,039	2,048	753	14,812	2,251
117	GA State U.	52,690	24,968	5,391	317	18,429	3,585
118	C. of William and Mary all campuses	52,025	29,121	2,928	723	17,239	2,014
119	George Mason U.	50,381	35,911	877	761	9,233	3,599
120	Old Dominion U.	49,966	27,506	3,312	2,206	16,942	0
121	Wright State U. all campuses	47,711	22,430	4,780	3,660	16,254	587
122	U. LA Lafayette	47,308	11,596	10,586	0	12,603	12,523
123	U. TX Dallas	44,198	19,954	15,506	2,232	2,208	4,298
124	U. Memphis, The	43,715	15,964	2,976	445	21,269	3,061
125	MI Technological U.	43,081	18,757	422	4,194	18,933	775
126	U. MD Ctr. for Environmental Science	40,146	12,860	4,949	143	18,129	4,065
127	U. Southern MS	39,163	34,577	815	2,469	1,302	0
128	Desert Research Institute	38,511	30,407	2,885	750	1,637	2,832
129	U. PR Medical Sciences Campus	38,424	31,199	2,907	1,249	3,059	10
130	Jackson State U.	38,273	30,783	0	918	6,572	0
131	OH U. all campuses	38,000	19,573	1,299	3,491	12,324	1,313
132	U. MO-Rolla	37,384	22,351	5	3,148	11,082	798
133	SUNY Upstate Medical U.	37,181	27,247	599	2,459	1,146	5,730
134	U. AL, The	35,129	22,847	3,439	1,927	6,308	608
135	San Jose State U.	34,687	23,197	7,634	308	1,319	2,229
136	FL A&M U.	34,293	24,902	4,071	5,320	0	0
137	U. WI Milwaukee	34,033	15,867	4,193	785	11,217	1,971
138	SD State U.	33,275	12,788	11,762	560	2,355	5,810
139	U. TX El Paso	32,161	19,331	7,776	1,795	3,259	0
140	Wichita State U.	31,873	16,302	7,491	2,787	5,118	175
141	CUNY Hunter C.	31,308	18,472	3,666	76	6,521	2,573
142	SUNY Health Science Ctr. Brooklyn	31,064	25,184	0	1,099	2,534	2,247
143	U. Toledo	30,493	16,534	1,223	872	10,872	992

TABLE 32. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by source of funds:
FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
144	U. TX San Antonio	30,259	20,277	6,566	226	3,190	0
145	SUNY Binghamton	29,635	12,213	1,492	2,788	8,007	5,135
146	U. TX Arlington	29,267	19,006	1,674	2,740	5,847	0
147	FL Atlantic U.	28,896	19,952	3,766	1,590	1,068	2,520
148	Portland State U.	28,763	18,797	2,236	987	4,516	2,227
149	CO School of Mines	28,729	20,543	484	7,702	0	0
150	CUNY The City C.	28,593	21,408	2,918	3,824	403	40
	All other sampled institutions	1,335,646	830,191	134,800	68,679	240,150	61,826

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 33. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by source of funds: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
	All institutions	15,403,697	11,568,938	303,631	764,469	1,626,270	1,140,389
1	Johns Hopkins U., The ^a	1,499,977	1,307,453	5,830	25,162	69,960	91,572
2	Stanford U.	679,196	540,069	4,595	34,637	40,742	59,153
3	U. PA	676,052	478,773	6,564	38,347	64,229	88,139
4	Duke U.	657,080	414,419	17,906	132,996	69,103	22,656
5	Cornell U. all campuses	648,802	390,043	64,411	20,369	128,118	45,861
6	MA Institute of Technology	600,748	476,362	681	75,790	10,576	37,339
7	Washington U. St. Louis	547,674	408,402	14,946	14,081	71,936	38,309
8	Columbia U. in the City of NY	529,945	451,187	12,511	5,708	42,615	17,924
9	Baylor C. of Medicine	462,375	287,679	3,377	16,465	61,204	93,650
10	Yale U.	460,075	348,500	867	16,664	29,828	64,216
11	Harvard U.	453,156	403,458	915	6,155	0	42,628
12	U. Southern CA	450,173	333,378	4,940	24,952	86,903	0
13	Northwestern U.	419,985	249,980	5,112	12,199	108,208	44,486
14	Vanderbilt U.	376,893	300,423	163	6,517	53,634	16,156
15	Case Western Reserve U.	369,264	306,980	16,148	6,277	19,050	20,809
16	Scripps Research Institute, The	367,375	268,533	73	16,277	59,544	22,948
17	U. Rochester	366,658	278,399	10,596	29,433	32,492	15,738
18	Emory U.	345,989	267,894	12,221	6,278	31,615	27,981
19	U. Chicago	305,301	253,471	5,065	4,734	20,069	21,962
20	NY U.	284,164	189,276	4,673	7,637	36,680	45,898
21	Mt. Sinai School of Medicine	273,216	224,911	2,371	10,768	8,446	26,720
22	CA Institute of Technology	270,269	248,591	1,809	7,981	4,150	7,738
23	Boston U.	255,615	238,560	534	7,344	0	9,177
24	Rockefeller U.	215,417	93,742	361	3,218	109,828	8,268
25	U. Miami	213,516	150,408	3,182	20,400	15,303	24,223
26	Carnegie Mellon U.	212,506	185,389	4,130	12,025	4,824	6,138
27	Dartmouth C.	200,277	140,430	4,593	4,543	37,092	13,619
28	Yeshiva U.	189,416	153,785	0	1,874	22,000	11,757
29	Princeton U.	188,165	117,845	1,280	6,200	51,659	11,181
30	Wake Forest U.	183,129	139,549	10,978	14,659	945	16,998
31	Brown U.	157,926	96,922	130	11,766	47,746	1,362
32	Medical C. WI	147,140	100,128	395	1,754	30,197	14,666
33	Tufts U.	128,965	95,964	848	8,161	8,836	15,156
34	Woods Hole Oceanographic Institution	121,888	101,631	117	881	12,528	6,731
35	Georgetown U.	118,558	92,268	2,163	3,388	11,314	9,425
36	Tulane U.	114,397	84,052	5,234	3,591	9,768	11,752
37	George Washington U.	113,982	75,209	1,096	4,973	10,176	22,528
38	Thomas Jefferson U.	106,986	82,551	7,439	9,585	3,108	4,303
39	Drexel U.	96,687	68,499	3,834	2,251	18,180	3,923
40	Rush U.	83,194	45,044	0	11,588	24,712	1,850
41	U. of Notre Dame	78,553	55,710	2,669	9,280	10,894	0
42	Rensselaer Polytechnic Institute	70,576	44,690	6,715	6,560	9,711	2,900
43	U. Dayton	69,080	56,779	5,130	4,266	2,143	762
44	Rice U.	66,564	53,880	1,468	1,468	4,070	5,678
45	Northeastern U.	66,495	36,071	1,428	9,595	19,401	0
46	Brandeis U.	57,017	41,184	31	0	5,835	9,967
47	St. Louis U. all campuses	48,133	45,183	268	429	59	2,194

TABLE 33. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by source of funds: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
48	Charles R. Drew U. of Medicine and Science	47,188	44,394	762	199	1,833	0
49	Loyola U. Chicago	37,669	25,420	2,188	873	4,195	4,993
50	Howard U.	36,465	34,959	344	1,162	0	0
51	Syracuse U. all campuses	36,100	25,299	2,609	2,220	5,972	0
52	Boston C.	35,659	18,344	251	861	6,803	9,400
53	NY Medical C.	34,397	26,579	297	6,768	324	429
54	Lehigh U.	33,469	18,248	9,429	1,961	3,413	418
55	Eastern VA Medical School	33,013	19,399	194	4,664	485	8,271
56	Meharry Medical C.	32,878	30,914	0	0	0	1,964
57	Loma Linda U.	32,451	28,788	53	814	1,007	1,789
58	Hampton U.	28,705	28,584	0	0	121	0
59	Morehouse School of Medicine	28,378	25,156	1,404	967	851	0
60	Brigham Young U. all campuses	25,973	17,309	1,265	2,840	3,174	1,385
61	Stevens Institute of Technology	25,848	22,501	1,191	1,603	553	0
62	Creighton U.	25,615	10,505	3,593	8,653	2,595	269
63	IL Institute of Technology	22,646	19,121	1,070	1,319	1,054	82
64	Rochester Institute of Technology	22,107	14,581	550	2,042	3,975	959
65	Mercer U. all campuses	19,529	11,741	159	6,091	1,538	0
66	Catholic U. America, The	17,662	13,264	16	848	3,444	90
67	Albany Medical C.	16,227	11,152	323	577	2,792	1,383
68	Clarkson U.	16,143	8,280	1,398	2,724	3,741	0
69	Worcester Polytechnic Institute	14,483	10,193	40	975	2,719	556
70	Polytechnic U.	14,479	7,486	1,846	2,420	1,330	1,397
71	Embry-Riddle Aeronautical U.	13,957 i	7,518 i	638 i	5,186 i	578 i	37 i
72	Southern Methodist U.	12,475	9,303	197	361	1,889	725
73	U. Tulsa	12,358	7,964	452	3,240	702	0
74	Tuskegee U.	11,651	8,971	0	0	0	2,680
75	Teachers C. Columbia U.	11,411	6,770	0	0	0	4,641
76	Clark Atlanta U.	11,155	10,008	42	0	413	692
77	Rosalind Franklin U. of Medicine and Science	10,981	9,507	0	912	562	0
78	U. Denver	10,581	8,543	92	747	774	425
79	Marquette U.	10,445	7,566	45	317	1,611	906
80	Universidad Central del Caribe	8,790	8,206	187	0	394	3
81	Duquesne U.	8,345	3,171	207	163	4,655	149
82	Wesleyan U.	8,170	4,744	180	31	2,384	831
83	FL Institute of Technology	7,684	6,138	699	847	0	0
84	Villanova U.	7,122 i	5,039 i	330 i	975 i	0 i	778 i
85	New School, The	6,950	4,854	0	0	0	2,096
86	Nova Southeastern U.	6,445	3,204	1,814	0	140	1,287
87	Alfred U. all campuses	6,347	2,364	1,190	1,675	1,118	0
88	Baylor U.	6,133	1,269	317	2,190	1,766	591
89	Fordham U.	6,033	2,441	488	0	2,286	818
90	Morehouse C.	6,008	5,378	0	0	239	391
91	Fisk U.	6,000	6,000	0	0	0	0
92	Ponce School of Medicine	5,573	5,022	0	551	0	0
93	Clark U.	5,304	3,192	4	0	1,512	596
94	Rose-Hulman Institute of Technology	4,700	1,689	45	39	0	2,927
95	Wheeling Jesuit U.	4,499 i	4,499 i	0 i	0 i	0 i	0 i

TABLE 33. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by source of funds: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
96	Bryn Mawr C.	4,254	998	10	10	3,236	0
97	U. of the Pacific	4,161	1,142	1,275	1,744	0	0
98	St. Francis U. (Loretto, PA)	4,114	4,114	0	0	0	0
99	TX Christian U.	4,090	3,318	76	600	96	0
100	Williams C.	4,074	2,141	0	0	1,031	902
	All other sampled institutions	188,254	117,994	6,564	15,074	29,534	19,088

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 34. R&D expenditures at all universities and colleges with a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
	All institutions	32,512,948	21,573,919	1,392,807	1,568,244	5,498,738	2,479,240
1	Johns Hopkins U., The ^a	1,499,977	1,307,453	5,830	25,162	69,960	91,572
2	U. WI Madison	831,895	491,810	31,181	20,310	223,832	64,762
3	U. CA, Los Angeles	811,493	483,873	14,984	24,480	162,219	125,937
4	U. MI all campuses	800,488	565,739	9,522	32,275	153,410	39,542
5	U. CA, San Francisco	796,149	464,660	26,804	35,621	129,527	139,537
6	U. WA	778,148	650,394	8,969	56,765	43,388	18,632
7	U. CA, San Diego	754,766	463,807	25,758	39,825	124,987	100,389
8	Stanford U.	679,196	540,069	4,595	34,637	40,742	59,153
9	U. PA	676,052	478,773	6,564	38,347	64,229	88,139
10	Duke U.	657,080	414,419	17,906	132,996	69,103	22,656
11	OH State U. all campuses	652,329	315,914	97,823	106,252	103,381	28,959
12	Cornell U. all campuses	648,802	390,043	64,411	20,369	128,118	45,861
13	PA State U. all campuses	644,182	367,215	69,552	89,170	117,119	1,126
14	U. MN all campuses	594,877	326,170	52,982	26,241	107,781	81,703
15	U. CA, Davis	573,002	248,190	44,982	26,221	192,843	60,766
16	U. FL	565,491	248,322	90,945	32,942	164,085	29,197
17	Washington U. St. Louis	547,674	408,402	14,946	14,081	71,936	38,309
18	U. AZ	535,847	301,619	10,016	32,576	143,701	47,935
19	U. Pittsburgh all campuses	530,162	422,316	13,415	8,670	61,815	23,946
20	Columbia U. in the City of NY	529,945	451,187	12,511	5,708	42,615	17,924
21	U. CO all campuses	512,794	448,350	2,255	11,491	28,751	21,947
22	Baylor C. of Medicine	462,375	287,679	3,377	16,465	61,204	93,650
23	Yale U.	460,075	348,500	867	16,664	29,828	64,216
24	Harvard U.	453,156	403,458	915	6,155	0	42,628
25	U. Southern CA	450,173	333,378	4,940	24,952	86,903	0
26	U. NC Chapel Hill	443,790	329,215	17,996	7,391	89,188	0
27	Northwestern U.	419,985	249,980	5,112	12,199	108,208	44,486
28	U. MD Baltimore	405,260	186,160	27,634	33,772	111,416	46,278
29	Vanderbilt U.	376,893	300,423	163	6,517	53,634	16,156
30	Case Western Reserve U.	369,264	306,980	16,148	6,277	19,050	20,809
31	U. Rochester	366,658	278,399	10,596	29,433	32,492	15,738
32	MI State U.	358,097	169,116	48,665	11,699	116,006	12,611
33	IN U. all campuses	355,004	170,635	5,060	6,219	120,465	52,625
34	U. IA	346,357	216,521	9,851	18,893	91,020	10,072
35	Emory U.	345,989	267,894	12,221	6,278	31,615	27,981
36	LA State U. all campuses	343,775	126,545	85,139	15,724	90,422	25,945
37	U. NE all campuses	333,243	139,113	7,288	14,161	148,575	24,106
38	U. TX Southwestern Medical Ctr. Dallas	333,237	196,621	33,940	15,073	13,748	73,855
39	U. IL Chicago	332,176	203,875	6,462	8,604	90,951	22,284
40	U. AL Birmingham, The	331,436	292,962	58	7,868	15,129	15,419
41	U. KY all campuses	323,958	151,238	44,929	9,464	97,852	20,475
42	U. Chicago	305,301	253,471	5,065	4,734	20,069	21,962
43	U. CA, Irvine	300,229	169,983	9,862	16,224	64,683	39,477
44	SUNY Buffalo all campuses	297,909	153,152	12,197	18,408	81,740	32,412
45	U. Cincinnati all campuses	294,150	201,742	16,478	4,859	53,194	17,877
46	U. South FL	285,941	153,737	29,081	35,425	67,698	0
47	NY U.	284,164	189,276	4,673	7,637	36,680	45,898
48	Mt. Sinai School of Medicine	273,216	224,911	2,371	10,768	8,446	26,720

TABLE 34. R&D expenditures at all universities and colleges with a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
49	OR Health & Science U.	272,174	223,204	4,862	12,206	18,496	13,406
50	Boston U.	255,615	238,560	534	7,344	0	9,177
51	U. HI Manoa	249,635	202,419	8,788	12,540	25,888	0
52	U. TN all campuses	249,067	113,559	55,503	19,857	43,170	16,978
53	U. UT	248,168	174,888	1,719	8,132	45,255	18,174
54	U. of Medicine and Dentistry NJ	245,771	140,923	12,061	17,085	51,476	24,226
55	U. VA all campuses	238,754	203,778	864	4,758	19,912	9,442
56	SUNY Stony Brook all campuses	234,635	112,973	3,527	5,151	92,616	20,368
57	Wayne State U.	220,731	118,042	14,072	9,429	63,092	16,096
58	U. MO-Columbia	215,240	101,732	16,850	2,848	88,589	5,221
59	U. CT all campuses	215,184	124,837	7,180	7,096	62,034	14,037
60	U. Miami	213,516	150,408	3,182	20,400	15,303	24,223
61	Dartmouth C.	200,277	140,430	4,593	4,543	37,092	13,619
62	U. KS all campuses	195,947	115,522	4,670	3,365	63,767	8,623
63	U. MA Worcester	191,659	136,141	35,242	9,465	2,377	8,434
64	Yeshiva U.	189,416	153,785	0	1,874	22,000	11,757
65	FL State U.	185,633	110,358	10,642	989	56,652	6,992
66	Wake Forest U.	183,129	139,549	10,978	14,659	945	16,998
67	U. NM all campuses	181,223	127,907	1,922	5,118	44,230	2,046
68	U. TX Medical Branch	179,915	120,408	11,409	5,870	25,976	16,252
69	U. OK all campuses	178,719	90,880	12,507	9,490	52,390	13,452
70	Medical U. SC	176,055	104,057	936	12,093	56,345	2,624
71	U. TX Health Science Ctr. Houston	175,154	122,870	14,854	8,622	13,081	15,727
72	Brown U.	157,926	96,922	130	11,766	47,746	1,362
73	U. SC all campuses	153,737	89,294	3,963	3,166	47,967	9,347
74	U. TX Health Science Ctr. San Antonio	150,040	95,110	7,694	7,552	27,959	11,725
75	VA Commonwealth U.	149,256	97,576	2,580	10,282	33,254	5,564
76	Medical C. WI	147,140	100,128	395	1,754	30,197	14,666
77	U. Louisville	135,873	70,481	6,872	3,754	34,620	20,146
78	Tufts U.	128,965	95,964	848	8,161	8,836	15,156
79	WV U.	122,134	63,764	3,537	4,055	49,781	997
80	U. VT	121,841	82,519	5,679	7,874	18,806	6,963
81	Georgetown U.	118,558	92,268	2,163	3,388	11,314	9,425
82	Tulane U.	114,397	84,052	5,234	3,591	9,768	11,752
83	George Washington U.	113,982	75,209	1,096	4,973	10,176	22,528
84	U. AR for Medical Sciences	107,871	66,127	7,077	3,571	17,305	13,791
85	Thomas Jefferson U.	106,986	82,551	7,439	9,585	3,108	4,303
86	U. NV, Reno	98,917	64,476	2,685	1,866	29,015	875
87	Drexel U.	96,687	68,499	3,834	2,251	18,180	3,923
88	U. MS all campuses	93,471	67,717	3,521	1,385	14,435	6,413
89	Rush U.	83,194	45,044	0	11,588	24,712	1,850
90	Temple U.	79,736	50,904	5,125	5,210	11,632	6,865
91	TX A&M U. System Health Science Ctr.	76,109	35,214	1,502	5,467	21,321	12,605
92	Southern IL U. Carbondale	74,520	20,108	9,278	10,801	31,000	3,333
93	Uniformed Services U. of the Health Sciences	67,716	39,461	0	0	24,776	3,479
94	Medical C. GA	61,174	41,555	147	988	14,824	3,660
95	U. ND all campuses	56,074	38,848	2,294	8,446	5,542	944
96	St. Louis U. all campuses	48,133	45,183	268	429	59	2,194
97	Wright State U. all campuses	47,711	22,430	4,780	3,660	16,254	587

TABLE 34. R&D expenditures at all universities and colleges with a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
98	Charles R. Drew U. of Medicine and Science ^b	47,188	44,394	762	199	1,833	0
99	U. PR Medical Sciences Campus	38,424	31,199	2,907	1,249	3,059	10
100	Loyola U. Chicago	37,669	25,420	2,188	873	4,195	4,993
101	SUNY Upstate Medical U.	37,181	27,247	599	2,459	1,146	5,730
102	Howard U.	36,465	34,959	344	1,162	0	0
103	NY Medical C.	34,397	26,579	297	6,768	324	429
104	Eastern VA Medical School	33,013	19,399	194	4,664	485	8,271
105	Meharry Medical C.	32,878	30,914	0	0	0	1,964
106	Loma Linda U.	32,451	28,788	53	814	1,007	1,789
107	SUNY Health Science Ctr. Brooklyn	31,064	25,184	0	1,099	2,534	2,247
108	Morehouse School of Medicine	28,378	25,156	1,404	967	851	0
109	U. MO-Kansas City	26,016	15,965	0	110	9,266	675
110	Creighton U.	25,615	10,505	3,593	8,653	2,595	269
111	U. SD	22,613	17,308	2,445	0	1,169	1,691
112	TX Tech U. Health Science Ctr.	22,013	9,713	317	1,116	9,087	1,780
113	Medical U. OH	21,567	14,607	661	412	4,933	954
114	Mercer U. all campuses	19,529	11,741	159	6,091	1,538	0
115	U. South AL	19,308	15,147	316	3,740	105	0
116	Marshall U.	18,385	15,360	1,094	52	1,800	79
117	Albany Medical C.	16,227	11,152	323	577	2,792	1,383
118	East Carolina U.	14,061	10,657	1,289	1,163	0	952
119	Rosalind Franklin U. of Medicine and Science	10,981	9,507	0	912	562	0
120	Universidad Central del Caribe	8,790	8,206	187	0	394	3
121	East TN State U.	7,943	4,713	1,467	0	173	1,590
122	Ponce School of Medicine	5,573	5,022	0	551	0	0
123	Northeastern OH Universities C. of Medicine	5,294	2,754	133	114	1,859	434

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

^b Doctor of Medicine (M.D.) degrees are granted through the Drew/UCLA Medical Education program, a partnership between the Charles R. Drew University of Medicine and Science and the University of California, Los Angeles (UCLA) David Geffen School of Medicine. M.D. degrees are granted by UCLA.

NOTE: Source for medical schools is the list of accredited M.D.-granting U.S. medical schools approved by the Association of American Medical Colleges.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
	All institutions	15,247,454	8,459,237	1,623,433	859,383	3,563,320	742,081
1	MA Institute of Technology	600,748	476,362	681	75,790	10,576	37,339
2	U. CA, Berkeley	546,035	261,718	36,418	24,744	146,469	76,686
3	TX A&M U. all campuses	492,955	206,242	115,623	33,613	127,042	10,435
4	U. IL Urbana-Champaign	476,198	264,645	35,289	11,516	150,474	14,274
5	U. TX M. D. Anderson Cancer Ctr.	457,696	182,028	121,682	28,020	76,287	49,679
6	GA Institute of Technology all campuses	440,898	257,751	12,323	37,279	128,676	4,869
7	U. TX Austin	431,398	273,147	24,087	32,637	78,412	23,115
8	Purdue U. all campuses	372,958	157,438	53,485	45,549	114,647	1,839
9	Scripps Research Institute, The	367,375	268,533	73	16,277	59,544	22,948
10	U. MD College Park	354,244	209,764	17,140	10,613	109,817	6,910
11	NC State U.	330,936	131,262	86,543	41,959	67,784	3,388
12	U. GA	323,843	92,652	49,806	5,865	162,851	12,669
13	VA Polytechnic Institute and State U.	321,722	119,994	93,316	15,911	76,918	15,583
14	Rutgers, The State U. NJ all campuses	308,204	129,456	35,937	9,542	103,370	29,899
15	SUNY Albany	274,354	103,835	62,205	16,093	75,668	16,553
16	CA Institute of Technology	270,269	248,591	1,809	7,981	4,150	7,738
17	CO State U.	253,992	182,648	15,170	13,852	35,877	6,445
18	IA State U.	221,998	104,553	40,323	10,845	61,547	4,730
19	Rockefeller U.	215,417	93,742	361	3,218	109,828	8,268
20	Carnegie Mellon U.	212,506	185,389	4,130	12,025	4,824	6,138
21	AZ State U. main campus	201,955	109,893	14,772	11,843	61,204	4,243
22	WA State U.	196,391	81,324	31,768	2,865	69,742	10,692
23	MS State U.	189,917	94,073	29,957	7,445	58,442	0
24	OR State U.	189,606	116,586	36,617	3,378	29,858	3,167
25	Princeton U.	188,165	117,845	1,280	6,200	51,659	11,181
26	Clemson U.	179,840	56,268	29,297	12,185	78,918	3,172
27	U. CA, Santa Barbara	174,429	106,169	2,830	13,918	29,634	21,878
28	NM State U. all campuses	169,029	55,801	18,592	21,214	63,740	9,682
29	U. AK Fairbanks all campuses	153,470	98,330	1,300	10,019	43,821	0
30	UT State U.	138,670	96,242	17,648	2,596	17,080	5,104
31	U. MA Amherst	136,057	69,642	5,684	5,934	45,773	9,024
32	U. CA Office of the President	128,770	796	43,736	661	75,685	7,892
33	Auburn U. all campuses	126,522	45,540	1,714	4,697	69,346	5,225
34	U. CA, Riverside	124,820	58,023	4,937	4,947	45,153	11,760
35	KS State U.	123,746	52,649	36,421	1,757	25,860	7,059
36	Woods Hole Oceanographic Institution	121,888	101,631	117	881	12,528	6,731
37	U. NH	115,117	86,416	4,832	5,818	14,602	3,449
38	U. DE	114,985	79,640	4,737	4,326	21,723	4,559
39	U. CA, Santa Cruz	114,126	66,390	2,295	2,531	28,539	14,371
40	MT State U. Bozeman	112,428	75,362	18,913	3,105	15,048	0
41	U. Central FL	107,996	37,974	17,528	17,699	34,795	0
42	ND State U. all campuses	103,778	45,418	30,055	719	23,649	3,937
43	OK State U. all campuses	100,323	37,943	25,211	4,113	32,274	782
44	U. AR main campus	99,271	31,926	38,252	7,299	15,699	6,095
45	U. ME	93,153	41,394	6,133	3,469	39,269	2,888
46	U. WY	89,414	25,844	2,616	1,937	55,108	3,909
47	U. ID	86,863	47,018	25,281	914	11,229	2,421
48	U. of Notre Dame	78,553	55,710	2,669	9,280	10,894	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
49	NJ Institute of Technology	77,583	35,489	5,600	6,420	25,718	4,356
50	U. Houston	75,662	38,559	7,641	4,425	22,825	2,212
51	NM Institute of Mining and Technology	73,792	47,901	6,650	9,991	9,012	238
52	San Diego State U.	73,777	35,351	6,929	508	24,061	6,928
53	U. RI	70,696	46,898	7,891	3,865	12,042	0
54	Rensselaer Polytechnic Institute	70,576	44,690	6,715	6,560	9,711	2,900
55	U. Dayton	69,080	56,779	5,130	4,266	2,143	762
56	Rice U.	66,564	53,880	1,468	1,468	4,070	5,678
57	Northeastern U.	66,495	36,071	1,428	9,595	19,401	0
58	FL International U.	65,805	45,894	4,494	1,281	10,859	3,277
59	U. MD Baltimore County	65,718	44,830	2,236	1,342	12,683	4,627
60	U. MD Biotechnology Institute	59,297	32,005	257	949	25,097	989
61	U. AL Huntsville, The	59,231	44,636	471	4,029	10,095	0
62	TX Tech U.	58,591	22,278	15,516	4,764	12,448	3,585
63	U. OR	57,153	46,583	480	734	5,705	3,651
64	U. NV, Las Vegas	57,031	42,772	2,125	1,287	10,847	0
65	Brandeis U.	57,017	41,184	31	0	5,835	9,967
66	Naval Postgraduate School	56,780	54,528	980	999	0	273
67	U. MT-Missoula, The	52,903	33,039	2,048	753	14,812	2,251
68	GA State U.	52,690	24,968	5,391	317	18,429	3,585
69	C. of William and Mary all campuses	52,025	29,121	2,928	723	17,239	2,014
70	George Mason U.	50,381	35,911	877	761	9,233	3,599
71	Old Dominion U.	49,966	27,506	3,312	2,206	16,942	0
72	U. LA Lafayette	47,308	11,596	10,586	0	12,603	12,523
73	U. TX Dallas	44,198	19,954	15,506	2,232	2,208	4,298
74	U. Memphis, The	43,715	15,964	2,976	445	21,269	3,061
75	MI Technological U.	43,081	18,757	422	4,194	18,933	775
76	U. MD Ctr. for Environmental Science	40,146	12,860	4,949	143	18,129	4,065
77	U. Southern MS	39,163	34,577	815	2,469	1,302	0
78	Desert Research Institute	38,511	30,407	2,885	750	1,637	2,832
79	Jackson State U.	38,273	30,783	0	918	6,572	0
80	OH U. all campuses	38,000	19,573	1,299	3,491	12,324	1,313
81	U. MO-Rolla	37,384	22,351	5	3,148	11,082	798
82	Syracuse U. all campuses	36,100	25,299	2,609	2,220	5,972	0
83	Boston C.	35,659	18,344	251	861	6,803	9,400
84	U. AL, The	35,129	22,847	3,439	1,927	6,308	608
85	San Jose State U.	34,687	23,197	7,634	308	1,319	2,229
86	FL A&M U.	34,293	24,902	4,071	5,320	0	0
87	U. WI Milwaukee	34,033	15,867	4,193	785	11,217	1,971
88	Lehigh U.	33,469	18,248	9,429	1,961	3,413	418
89	SD State U.	33,275	12,788	11,762	560	2,355	5,810
90	U. TX El Paso	32,161	19,331	7,776	1,795	3,259	0
91	Wichita State U.	31,873	16,302	7,491	2,787	5,118	175
92	CUNY Hunter C.	31,308	18,472	3,666	76	6,521	2,573
93	U. Toledo	30,493	16,534	1,223	872	10,872	992
94	U. TX San Antonio	30,259	20,277	6,566	226	3,190	0
95	SUNY Binghamton	29,635	12,213	1,492	2,788	8,007	5,135
96	U. TX Arlington	29,267	19,006	1,674	2,740	5,847	0
97	FL Atlantic U.	28,896	19,952	3,766	1,590	1,068	2,520

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
98	Portland State U.	28,763	18,797	2,236	987	4,516	2,227
99	CO School of Mines	28,729	20,543	484	7,702	0	0
100	Hampton U.	28,705	28,584	0	0	121	0
101	CUNY The City C.	28,593	21,408	2,918	3,824	403	40
102	U. Akron all campuses	28,440	11,433	724	3,316	9,413	3,554
103	U. MA Lowell	27,635	18,741	601	4,423	3,870	0
104	Northern AZ U.	27,632	14,305	4,598	1,629	7,100	0
105	San Francisco State U.	27,333	17,255	3,593	51	4,447	1,987
106	Brigham Young U. all campuses	25,973	17,309	1,265	2,840	3,174	1,385
107	Stevens Institute of Technology	25,848	22,501	1,191	1,603	553	0
108	U. North TX Health Science Ctr. Ft. Worth	25,124	19,183	99	1,401	2,466	1,975
109	Southern IL U. Edwardsville	23,737	1,305	1,621	288	20,401	122
110	NC Agricultural and Technical State U.	23,698	15,885	96	244	7,473	0
111	IL Institute of Technology	22,646	19,121	1,070	1,319	1,054	82
112	Rochester Institute of Technology	22,107	14,581	550	2,042	3,975	959
113	U. PR Rio Piedras Campus	21,609	16,881	82	2	4,625	19
114	U. PR Mayaguez Campus	21,080	10,645	3,515	823	3,821	2,276
115	U. MA Boston	21,056	8,610	1,662	0	7,007	3,777
116	U. Southern ME	20,045	11,662	2,599	311	2,757	2,716
117	Miami U. all campuses	19,229	7,874	1,339	586	8,712	718
118	U. MA Dartmouth	19,171	9,516	5,069	1,680	2,906	0
119	Air Force Institute of Technology	18,783	5,212	2	294	13,275	0
120	U. NC Charlotte	18,463	10,792	1,829	3,857	1,985	0
121	Western MI U.	18,005	11,214	850	2,482	2,471	988
122	Catholic U. America, The	17,662	13,264	16	848	3,444	90
123	U. of the VI	17,495	12,518	3,124	1,853	0	0
124	ID State U.	16,754	11,661	167	1,560	3,027	339
125	Northern IL U.	16,627	11,696	363	1,017	3,551	0
126	Clarkson U.	16,143	8,280	1,398	2,724	3,741	0
127	LA Tech U.	15,276	5,769	710	424	8,347	26
128	U. North TX	14,819	8,343	275	642	4,014	1,545
129	Cleveland State U.	14,496	5,159	3,205	231	4,599	1,302
130	Worcester Polytechnic Institute	14,483	10,193	40	975	2,719	556
131	Polytechnic U.	14,479	7,486	1,846	2,420	1,330	1,397
132	AL A&M U.	14,431	7,537	3,850	85	2,270	689
133	TN State U.	14,096	10,216	115	37	3,728	0
134	Embry-Riddle Aeronautical U.	13,957 i	7,518 i	638 i	5,186 i	578 i	37 i
135	U. NC Wilmington	13,609	9,884	469	19	3,237	0
136	Morgan State U.	13,523	12,199	310	110	834	70
137	TX A&M U. Kingsville	13,343	4,625	1,020	131	6,760	807
138	TX A&M U. Corpus Christi	12,654	7,798	2,539	44	633	1,640
139	SUNY C. of Environmental Science and Forestry	12,643 i	8,059 i	1,160 i	1,126 i	836 i	1,462 i
140	SD School of Mines and Technology	12,589	9,834	1,065	72	1,427	191
141	CA State Polytechnic U. San Luis Obispo	12,529	6,461	2,026	807	1,812	1,423
142	Southern Methodist U.	12,475	9,303	197	361	1,889	725
143	U. Tulsa	12,358	7,964	452	3,240	702	0
144	U. MO-St. Louis	11,713	5,046	83	85	6,184	315
145	Tuskegee U.	11,651	8,971	0	0	0	2,680
146	Prairie View A&M U.	11,444	9,067	1,851	129	397	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
147	Teachers C. Columbia U.	11,411	6,770	0	0	0	4,641
148	Clark Atlanta U.	11,155	10,008	42	0	413	692
149	CA State U. San Bernardino	11,120	5,367	855	4,134	577	187
150	Kent State U. all campuses	11,076	8,198	735	700	1,443	0
151	U. Denver	10,581	8,543	92	747	774	425
152	U.S. Air Force Academy	10,547	9,678	0	118	0	751
153	Marquette U.	10,445	7,566	45	317	1,611	906
154	CA State U. Long Beach	10,322	8,368	574	397	423	560
155	Bowling Green State U. all campuses	9,912	5,408	440	489	2,885	690
156	CA State U. Fresno	9,749	1,561	6,773	416	999	0
157	TN Technological U.	9,575	3,601	3,943	493	1,520	18
158	U. AR Little Rock	9,331	1,126	3,332 i	1,632 i	845 i	2,396 i
159	Oakland U.	9,169	6,205	374	653	1,826	111
160	CA State U. Los Angeles	8,956	8,672	124	44	0	116
161	U. AK Anchorage all campuses	8,844	6,333	1,048	0	0	1,463
162	Western KY U.	8,701	7,079	807	227	588	0
163	Ball State U.	8,625	5,119	483	1,072	1,951	0
164	Duquesne U.	8,345	3,171	207	163	4,655	149
165	VA State U.	8,189	5,813	29	0	2,347	0
166	Stephen F. Austin State U.	8,171	3,695	1,317	249	2,519	391
167	Wesleyan U.	8,170	4,744	180	31	2,384	831
168	Tarleton State U.	8,069	5,488	1,654	25	636	266
169	U. Baltimore	7,856	1,757	4,607	319	200	973
170	Boise State U.	7,848	7,448	195	179	0	26
171	U. HI Hilo	7,843	7,678	145	11	0	9
172	FL Institute of Technology	7,684	6,138	699	847	0	0
173	U. GU	7,604	7,324	4	276	0	0
174	U. CA, Merced	7,527	3,135	2,182	175	1,408	627
175	CA State U. Northridge	7,490	5,200	655	96	1,210	329
176	CUNY Queens C.	7,432	6,422	153	554	303	0
177	Villanova U.	7,122 i	5,039 i	330 i	975 i	0 i	778 i
178	TX State U. San Marcos	7,034	1,872	2,359	1,266	1,537	0
179	DE State U.	7,016	6,506	252	258	0	0
180	U. Central AR	7,002	2,490	551	2,569	491	901
181	New School, The	6,950	4,854	0	0	0	2,096
182	U.S. Naval Academy	6,850	6,487	0	363	0	0
183	U. AR Pine Bluff	6,774	3,777	86	0	2,911	0
184	NC Central U.	6,597	6,597	0	0	0	0
185	Alcorn State U.	6,593	5,706	887	0	0	0
186	Humboldt State U.	6,500	2,548	2,082	190	920	760
187	Western WA U.	6,453	2,878	417	128	2,607	423
188	Nova Southeastern U.	6,445	3,204	1,814	0	140	1,287
189	CA State U. Bakersfield	6,379	2,301	3,388	215	475	0
190	MT Tech of the U. MT	6,372	5,040	1,240	92	0	0
191	Alfred U. all campuses	6,347	2,364	1,190	1,675	1,118	0
192	Baylor U.	6,133	1,269	317	2,190	1,766	591
193	U. NC Greensboro	6,059	5,211	216	148	95	389
194	Fordham U.	6,033	2,441	488	0	2,286	818
195	Morehouse C.	6,008	5,378	0	0	239	391

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
196	AR State U. main campus	6,007	3,938	1,298	41	572	158
197	Fisk U.	6,000	6,000	0	0	0	0
198	C. Charleston	5,719	3,967	93	0	1,592	67
199	Lincoln U. (Jefferson City, MO)	5,395	4,367	1,028	0	0	0
200	Clark U.	5,304	3,192	4	0	1,512	596
201	Southwest MO State U.	5,188	4,615	212	66	0	295
202	Norfolk State U.	5,144	4,621	24	0	0	499
203	U. DC	5,065	3,813	804	0	439	9
204	U. TX-Pan American	5,006	3,139	1,681	3	13	170
205	IL State U.	4,874	3,156	426	409	883	0
206	James Madison U.	4,799	3,576	111	0	235	877
207	Rose-Hulman Institute of Technology	4,700	1,689	45	39	0	2,927
208	CUNY Brooklyn C.	4,621	3,258	9	750	450	154
209	Rowan U.	4,581	3,293	720	488	80	0
210	West TX A&M U.	4,523	2,489	1,274	760	0	0
211	CA State U. Fullerton	4,522	4,083	47	238	154	0
212	Wheeling Jesuit U.	4,499 i	4,499 i	0 i	0 i	0 i	0 i
213	CUNY Herbert H. Lehman C.	4,476	3,733	12	189	542	0
214	U. MD Eastern Shore	4,454	4,367	40	0	0	47
215	U. PR Humacao	4,429	4,080	0	0	349	0
216	U. West FL	4,429	3,400	752	268	0	9
217	Langston U.	4,416	3,661	755	0	0	0
218	U. LA Monroe	4,376	1,743	1,911	186	39	497
219	CA State U. Sacramento	4,372 i	4,372 i	0 i	0 i	0 i	0 i
220	Southern U. and A&M C. all campuses	4,350	3,496	830	0	18	6
221	TX Southern U.	4,299	4,225	0	73	1	0
222	Bryn Mawr C.	4,254	998	10	10	3,236	0
223	U. of the Pacific	4,161	1,142	1,275	1,744	0	0
224	St. Francis U. (Loretto, PA)	4,114	4,114	0	0	0	0
225	U. North FL	4,110	2,120	943	395	438	214
226	CA State U. Monterey Bay	4,107	3,779	215	0	0	113
227	TX Christian U.	4,090	3,318	76	600	96	0
228	Williams C.	4,074	2,141	0	0	1,031	902
229	OR Institute of Technology	4,047	1,550	50	2,447	0	0
230	Central MI U.	4,033	1,368	368	503	1,794	0
231	Wellesley C.	4,032	2,819	242	48	0	923
232	Xavier U. LA	3,982	3,783	187	12	0	0
233	DePaul U.	3,957	3,160	65	187	545	0
234	CUNY Graduate Ctr.	3,913	2,544	294	0	60	1,015
235	Smith C.	3,884	2,796	36	7	0	1,045
236	SC State U.	3,796	2,587	33	0	364	812
237	NY Institute of Technology all campuses	3,613	267	1,027	366	1,953	0
238	Eastern MI U.	3,580	2,611	63	270	588	48
239	Kettering U.	3,473	2,882	125	208	10	248
240	Amherst C.	3,388	1,708	0	35	1,251	394
241	Grand Valley State U.	3,375	332	190	0	2,431	422
242	Murray State U.	3,364	1,005	1,207	133	1,019	0
243	KY State U.	3,340	3,254	53	33	0	0
244	Lamar U.	3,277	1,785	1,410	76	6	0
245	U. NC Asheville	3,192	1,745	685	206	88	468

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
246	CA State U. Dominguez Hills	3,190	2,530	362	0	67	231
247	FL Gulf Coast U.	3,133	2,598	300	0	13	222
248	Claremont Graduate U.	3,100	1,093	74	129	525	1,279
249	Spelman C.	3,084	2,901	0	183	0	0
250	St. Joseph's U.	3,037	2,566	13	0	124	334
251	Milwaukee School of Engineering	2,933	786	1	1,445	630	71
252	Hope C.	2,926	1,710	0	0	349	867
253	Long Island U. all campuses	2,880	2,088	192	325	211	64
254	Bucknell U.	2,841	1,802	55	395	320	269
255	U. WI La Crosse	2,838	1,618	154	363	566	137
256	CA State U. East Bay	2,833	2,037	309	80	84	323
257	Southern CT State U.	2,821 i	1,757 i	655 i	53 i	352 i	4 i
258	Pittsburg State U.	2,810	1,255	568	853	0	134
259	Midwestern U. (Chicago, IL)	2,786	1,168	0	166	1,390	62
260	CA State U. Chico	2,767 i	1,083 i	1,453 i	113 i	0 i	118 i
261	Barnard C.	2,742	2,098	0	0	125	519
262	Sul Ross State U.	2,676	1,586	480	0	0	610
263	Black Hills State U.	2,628	1,925	576	21	0	106
264	Pomona C.	2,584	1,053	0	0	1,454	77
265	Ft. Valley State U.	2,570	2,570	0	0	0	0
266	U. Northern CO	2,566	1,590	19	5	760	192
267	Mt. Holyoke C.	2,563	1,780	21	0	88	674
268	CA State Polytechnic U. Pomona	2,502	2,502	0	0	0	0
269	WV State U.	2,467	1,867	589	11	0	0
270	American U.	2,410	1,678	0	732	0	0
271	Seton Hall U.	2,395	1,184	466	745	0	0
272	Swarthmore C.	2,385	1,682	1	0	401	301
273	Macalester C.	2,351	983	0	0	1,300	68
274	Savannah State U.	2,342	2,342	0	0	0	0
275	U. WI Stevens Point	2,335	945	130	8	452	800
276	Central State U.	2,320	2,263	41	16	0	0
277	Albany C. of Pharmacy	2,307	524	246	1,092	445	0
278	Harvey Mudd C.	2,301	1,003	0	623	424	251
279	CUNY C. Staten Island	2,282	1,302	379	440	161	0
280	Bowdoin C.	2,281	1,484	2	411	384	0
281	IN State U. all campuses	2,271	1,147	396	505	8	215
282	St. Cloud State U.	2,224	832	82	665	645	0
283	Central WA U.	2,183	1,494	79	59	382	169
284	Appalachian State U.	2,158	1,576	92	87	310	93
285	Southeastern LA U.	2,150	1,402	339	151	258	0
286	Lawrence Technological U.	2,137	1,939	31	167	0	0
287	Chicago State U.	2,119	1,994	0	0	125	0
288	Middle TN State U.	2,015	636	193	111	1,039	36
289	Gallaudet U.	2,013	1,959	54	0	0	0
290	Eastern WA U.	1,999	411	1,158	0	150	280
291	Union C. (Schenectady, NY)	1,992	534	259	685	364	150
292	SUNY C. Plattsburgh	1,985	1,461	145	45	236	98
293	TX Woman's U.	1,975	637	498	115	560	165
294	Sam Houston State U.	1,958	1,115	449	28	296	70

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
295	Bowie State U.	1,951	1,951	0	0	0	0
296	U. Richmond	1,923	1,310	0	340	246	27
297	SUNY C. of Optometry	1,913	1,753	0	64	40	56
298	Bradley U.	1,905	405	0	1,057	443	0
299	Western Carolina U.	1,905	1,362	543	0	0	0
300	AL State U.	1,900	1,685	0	5	210	0
301	Winston-Salem State U.	1,864 i	1,864 i	0 i	0 i	0 i	0 i
302	U. WI Superior	1,844	1,360	0	134	185	165
303	Colgate U.	1,837	1,111	0	0	600	126
304	Northern KY U.	1,820	1,280	58	0	400	82
305	Shaw U.	1,815	1,800	15	0	0	0
306	GA Southern U.	1,812	1,406	204	202	0	0
307	Fairfield U.	1,806	162	0	110	1,405	129
308	Carleton C.	1,785	1,323	0	45	319	98
309	Loyola C.	1,784 i	564 i	746 i	95 i	377 i	2 i
310	SUNY C. Old Westbury	1,765	1,570	0	111	84	0
311	New England C. of Optometry	1,711	1,125	0	176	297	113
312	SUNY C. Buffalo	1,699	1,150	13	414	117	5
313	Monmouth U.	1,693	1,690	3	0	0	0
314	Montclair State U.	1,693	1,484	41	0	168	0
315	Santa Clara U.	1,684 i	1,671 i	0 i	0 i	0 i	13 i
316	Ithaca C.	1,657	1,358	0	0	299	0
317	Franklin & Marshall C.	1,645	945	36	0	441	223
318	PA C. of Optometry	1,642	1,543	50	3	0	46
319	U. Hartford	1,633	891	447	68	123	104
320	Lafayette C.	1,612	976	9	0	627	0
321	Loyola Marymount U.	1,599	1,044	7	0	484	64
322	Western U. of Health Sciences	1,575	905	21	0	115	534
323	Bates C.	1,549	1,226	1	9	183	130
324	Calvin C.	1,540	543	0	145	814	38
325	St. John's U. (Jamaica, NY)	1,538	1,118	0	97	0	323
326	U. New England	1,528	1,178	69	0	0	281
327	CUNY York C.	1,525	1,455	0	13	57	0
328	Hamilton C. (Clinton, NY)	1,504	1,160	0	5	212	127
329	Colby C.	1,482	1,054	7	0	247	174
330	Jacksonville State U.	1,470	1,315	141	2	0	12
331	Albany State U.	1,455	1,119	215	0	0	121
332	Occidental C.	1,449	690	118	630	9	2
333	A.T. Still U. of Health Sciences	1,439	273	0	42	558	566
334	Furman U.	1,433	1,029	0	0	0	404
335	NM Highlands U.	1,419	1,084	0	0	0	335
336	U. San Francisco	1,376	386	58	1	449	482
337	Eastern OR U.	1,352	1,206	89	0	57	0
338	Morehead State U.	1,332	997	4	29	287	15
339	U. WI Green Bay	1,328	950	48	195	121	14
340	Benedict C.	1,314	1,201	105	0	0	8
341	Youngstown State U.	1,308	1,067	136	67	38	0
342	Rider U.	1,287	372	0	8	719	188
343	U. of the Sciences Philadelphia	1,260	499	116	645	0	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
344	C. of the Holy Cross	1,254	1,078	0	11	2	163
345	Coastal Carolina U.	1,210	936	40	3	185	46
346	Trinity U.	1,206	717	0	452	37	0
347	U. Northern IA	1,205	500	141	0	515	49
348	C. NJ, The	1,193	105	203	0	813	72
349	Kansas City U. of Medicine and Biosciences	1,183	28	0	51	1,056	48
350	U. Redlands	1,172	1,126	10	2	0	34
351	U. WI Eau Claire	1,154	844	49	11	43	207
352	Western IL U.	1,154	435	475	105	30	109
353	Hampshire C.	1,145	373	0	0	0	772
354	CT C.	1,127	785	5	40	12	285
355	Nicholls State U.	1,121	374	200	20	382	145
356	CUNY Baruch C.	1,118	90	556	273	199	0
357	Reed C.	1,118	598	0	0	167	353
358	U. WI Oshkosh	1,115	692	47	83	136	157
359	U. IL Springfield	1,083	747	1	8	225	102
360	Roger Williams U. Bristol	1,050	960	0	90	0	0
361	U. West GA	1,042	628	200	109	105	0
362	Towson U.	1,038	894	45	75	0	24
363	SUNY C. Geneseo	1,036	802	38	2	170	24
364	Philadelphia C. of Osteopathic Medicine	1,034	681	12	49	168	124
365	Northeastern State U.	1,031	833	163	0	35	0
366	SUNY C. Oswego	1,024	918	0	1	89	16
367	U. Scranton	999	740	32	106	121	0
368	Haverford C.	967	514	0	0	121	332
369	C. Wooster	966	507	0	0	0	459
370	Drake U.	966	416	3	211	220	116
371	Claffin U.	930	930	0	0	0	0
372	MT State U. Billings	919	760	17	79	63	0
373	Vassar C.	902	902	0	0	0	0
374	Des Moines U.	899	153	0	0	710	36
375	Eastern KY U.	894	447	307	13	127	0
376	Augustana C. (Sioux Falls, SD)	892	842	0	0	25	25
377	MN State U. Mankato	880	93	600	0	144	43
378	Governors State U.	877	680	45	0	15	137
379	Universidad del Turabo	864	759	52	11	42	0
380	Philadelphia U.	858	759	99	0	0	0
381	TX A&M U. Commerce	858	174	284	128	74	198
382	Lewis and Clark C.	854	437	0	0	72	345
383	St. Olaf C.	854	415	3	0	0	436
384	Dickinson C.	847	201	12	365	269	0
385	U. Central OK	841	841	0	0	0	0
386	SUNY C. Brockport	839	606	61	0	156	16
387	Chapman U.	833	236	5	114	289	189
388	Northwestern Health Sciences U.	820	800	0	0	0	20
389	Andrews U.	819	219	0	22	205	373
390	Mercyhurst C.	819	449	131	39	200	0
391	VA Military Institute	815	120	0	448	147	100
392	Oberlin C.	810	548	0	128	134	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
393	Jarvis Christian C.	806	553	173	0	20	60
394	U. Portland	801	352	146	0	28	275
395	Seattle U.	800 i	477 i	0 i	21 i	142 i	160 i
396	U. TX Tyler	795	436	0	61	4	294
397	MS Valley State U.	794	794	0	0	0	0
398	Sinte Gleska U.	793	793	0	0	0	0
399	Christopher Newport U.	789	587	89	113	0	0
400	U. Houston-Clear Lake	789	244	381	9	30	125
401	CUNY John Jay C. of Criminal Justice	779	532	113	134	0	0
402	Skidmore C.	772	430	0	272	70	0
403	Ft. Lewis C.	770	616	1	138	15	0
404	Southern OR U.	760	553	66	55	64	22
405	Roanoke C.	741	144	0	0	597	0
406	Hofstra U.	730	529	0	49	51	101
407	Fuller Theological Seminary CA	729	500	0	0	25	204
408	U. AK Southeast all campuses	720	409	44	0	0	267
409	Elizabeth City State U.	703	590	113	0	0	0
410	Grinnell C.	699	180	0	0	369	150
411	Valparaiso U.	699	487	63	20	129	0
412	MA C. of Pharmacy and Health Sciences	691	292 i	0 i	83 i	26 i	290 i
413	Hendrix C.	685	558	0	0	127	0
414	Angelo State U.	677	69	165 i	39 i	165 i	239 i
415	Truman State U.	672	227	11	9	391	34
416	Allegheny C.	638	207	37	0	233	161
417	Sonoma State U.	637	219	324	0	48	46
418	CUNY Medgar Evers C.	636	630	0	0	6	0
419	Fayetteville State U.	632	554	0	52	0	26
420	Mercy C.	618	525	0	0	63	30
421	Lincoln U. (Lincoln University, PA)	606	606	0	0	0	0
422	U. WI Platteville	605	29	219	6	212	139
423	National U. of Health Sciences	597	460	0	0	123	14
424	Trinity C. (Hartford, CT)	593	373	0	12	38	170
425	Southern U. New Orleans	592	592	0	0	0	0
426	CO State U. Pueblo	586	573	9	4	0	0
427	Mt. St. Mary's C. (Los Angeles, CA)	581	581	0	0	0	0
428	Augsburg C.	579	579	0	0	0	0
429	Central CT State U.	573	479	0	6	49	39
430	Sarah Lawrence C.	568	434	0	0	0	134
431	Grambling State U.	567	566	1	0	0	0
432	Pace U. all campuses	566	408	0	0	0	158
433	Ursinus C.	562	357	160	30	0	15
434	Oakwood C.	557 i	449 i	0 i	0 i	75 i	33 i
435	Mills C.	550 i	550 i	0 i	0 i	0 i	0 i
436	Evergreen State C.	548	448	0	0	0	100
437	Marist C.	545 i	545 i	0 i	0 i	0 i	0 i
438	U.S. Coast Guard Academy	542	542	0	0	0	0
439	U. Houston-Downtown	509	256	124	0	38	91
440	West Liberty State C.	508	442	0	0	66	0
441	Manhattan C.	504	294	54	156	0	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
442	Maharishi U. of Management	499	499	0	0	0	0
443	U. San Diego	499	280	0	38	0	181
444	Carlos Albizu U. (San Juan, PR)	497	234	50	0	213	0
445	Bridgewater State C.	495	324	0	0	97	74
446	Southeastern OK State U.	487	476	11	0	0	0
447	SUNY C. Cortland	487	201	51	44	149	42
448	John Carroll U.	474	452	0	22	0	0
449	Lawrence U.	474	296	0	0	178	0
450	Millsaps C.	471	471	0	0	0	0
451	U. Detroit Mercy	466	225	55	113	73	0
452	Gustavus Adolphus C.	463	244	0	154	65	0
453	Tougaloo C.	461	434	0	0	27	0
454	Northwestern State U.	460	0	349	0	67	44
455	Gettysburg C.	454	350	5	28	71	0
456	Siena C.	447 i	447 i	0 i	0 i	0 i	0 i
457	Saginaw Valley State U.	443	57	0	0	120	266
458	Simmons C.	442	155	0	59	0	228
459	Canisius C.	434	159	0	275	0	0
460	U. WI River Falls	434	257	54	12	79	32
461	Providence C.	432	392	11	10	13	6
462	Universidad del Este	432	363	0	0	69	0
463	U. Puget Sound	431	364	0	0	8	59
464	St. Mary's C. MD	417	305	80	0	0	32
465	Whitman C.	416	297	0	0	0	119
466	Pacific U.	402	263	39	0	0	100
467	Washington and Lee U.	402	287	0	115	0	0
468	Rhodes C.	400	396	0	4	0	0
469	OH Wesleyan U.	396	271	0	0	125	0
470	McNeese State U.	392	279	30	14	44	25
471	U. WI Parkside	378	248	45	4	46	35
472	Point Loma Nazarene C.	376	376	0	0	0	0
473	Denison U.	375	200	0	99	67	9
474	Willamette U.	375	114	0	0	261	0
475	Loyola U. New Orleans	372	158	72	0	128	14
476	Indiana U. PA all campuses	368	336	5	8	16	3
477	U. of St. Thomas (St. Paul, MN)	368	232	17	9	86	24
478	Kalamazoo C.	364	257	0	30	61	16
479	Kennesaw State U.	361	222	8	60	0	71
480	Bluefield State C.	356	356	0	0	0	0
481	IL Wesleyan U.	339	113	8	8	158	52
482	Jacksonville U.	337	0	165	0	0	172
483	Arcadia U.	334 i	332 i	0 i	0 i	0 i	2 i
484	U. WI Stout	332	184	15	0	133	0
485	Muhlenberg C.	326	326	0	0	0	0
486	Eastern IL U.	320 i	310 i	0 i	0 i	0 i	10 i
487	Universidad Metropolitana	298	298	0	0	0	0
488	Davidson C.	296	230	26	40	0	0
489	AR Tech U.	292	150	29 i	10 i	98 i	5 i
490	Lake Forest C.	291	113	0	41	133	4

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
491	Juniata C.	289	167	15	102	0	5
492	Cheyney U. PA	278	278	0	0	0	0
493	Pitzer C.	269	146	0	0	123	0
494	WV School of Osteopathic Medicine	266	0	0	0	266	0
495	Wabash C.	265	147	0	0	113	5
496	Radford U.	262	47	134	0	81	0
497	SUNY Fredonia	262	52	23	0	145	42
498	U. NC Pembroke	258	160	0	0	0	98
499	Heritage U. (Toppenish, WA)	254	254	0	0	0	0
500	Johnson C. Smith U.	251	251	0	0	0	0
501	U. WI Whitewater	247	219	8	0	13	7
502	Troy U. main campus	246	217	0	0	29	0
503	West Chester U. PA	244	167	29	45	0	3
504	La Salle U.	243	101	0	0	142	0
505	Mayville State U.	243	243	0	0	0	0
506	Abilene Christian U.	241	187	0	0	17	37
507	Berry C.	240	187	4	8	6	35
508	Northeastern IL U.	239	40	55	42	102	0
509	Wilkes U.	231	49	171	11	0	0
510	Augustana C. (Rock Island, IL)	212	97	0	18	97	0
511	King's C. (Wilkes-Barre, PA)	212	85	0	99	0	28
512	DePauw U.	211 i	211 i	0 i	0 i	0 i	0 i
513	U. of the South	186	57	16	0	18	95
514	St. Mary's U. (San Antonio, TX)	183	183	0	0	0	0
515	Southeast MO State U.	165	98	26	3	38	0
516	Fitchburg State C.	161	151	0	0	10	0
517	Le Moyne-Owen C.	150 i	32 i	8 i	20 i	56 i	34 i

i = data point imputed.

NOTES: The source for medical schools is the list of accredited M.D.-granting U.S. medical schools approved by the Association of American Medical Colleges. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 36. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	47,760,402	2,601,993	28,831,208	1,967,831	3,823,362	874,831	1,703,365	881,630	7,076,182
1	Johns Hopkins U., The ^a	1,499,977	40,256	702,207	97,431	140,183	7,674	5,051	39,945	467,230
2	U. WI Madison	831,895	82,589	508,034	20,657	55,697	30,618	41,254	113	92,933
3	U. CA, Los Angeles	811,493	11,098	609,514	22,596	59,431	11,546	35,661	9,559	52,088
4	U. MI all campuses	800,488	11,285	481,245	12,410	40,860	12,474	89,913	645	151,656
5	U. CA, San Francisco	796,149	0	770,485	0	25,664	0	0	0	0
6	U. WA	778,148	92,110	541,524	6,850	33,803	10,936	17,564	0	75,361
7	U. CA, San Diego	754,766	127,469	404,236	68,181	49,841	7,886	11,690	1,983	83,480
8	Stanford U.	679,196	19,803	389,093	29,549	73,010	6,701	12,352	0	148,688
9	U. PA	676,052	760	546,624	10,808	33,236	6,267	30,809	14,769	32,779
10	Duke U.	657,080	13,530	553,834	10,614	17,594	3,004	23,312	0	35,192
11	OH State U. all campuses	652,329	9,336	373,349	47,055	27,687	5,971	40,519	13,492	134,920
12	Cornell U. all campuses	648,802	6,383	411,148	31,825	89,517	5,875	26,863	0	77,191
13	PA State U. all campuses	644,182	52,793	200,986	42,942	64,166	22,776	24,533	372	235,614
14	MA Institute of Technology	600,748	27,267	172,631	53,872	98,367	1,263	7,098	20,207	220,043
15	U. MN all campuses	594,877	14,474	434,861	23,961	28,001	13,165	25,285	0	55,130
16	U. CA, Davis	573,002	26,234	425,934	11,622	24,141	1,745	21,085	3,037	59,204
17	U. FL	565,491	10,281	390,097	10,412	33,892	12,103	15,743	0	92,963
18	Washington U. St. Louis	547,674	4,927	490,846	8,020	16,880	5,948	5,985	43	15,025
19	U. CA, Berkeley	546,035	9,996	180,737	8,627	106,207	9,501	49,930	33,162	147,875
20	U. AZ	535,847	11,388	253,309	11,547	148,625	7,329	23,450	39	80,160
21	U. Pittsburgh all campuses	530,162	1,136	458,627	6,983	19,109	7,775	3,999	11,279	21,254
22	Columbia U. in the City of NY	529,945	57,799	367,877	10,850	34,271	3,053	14,344	4,229	37,522
23	U. CO all campuses	512,794	90,831	287,983	9,902	63,594	14,041	8,288	1,434	36,721
24	TX A&M U. all campuses	492,955	69,531	189,069	16,360	38,430	2,984	9,617	5,229	161,735
25	U. IL Urbana-Champaign	476,198	41,592	128,733	85,137	56,693	13,511	21,107	4,054	125,371
26	Baylor C. of Medicine	462,375	0	462,375	0	0	0	0	0	0
27	Yale U.	460,075	4,785	402,060	6,283	21,867	7,847	3,890	0	13,343
28	U. TX M. D. Anderson Cancer Ctr.	457,696	0	402,469	21,675	10,790	13,636	5,666	0	3,460
29	Harvard U.	453,156	26,616	312,303	3,666	57,415	7,660	22,645	0	22,851
30	U. Southern CA	450,173	18,225	256,515	100,879	9,336	5,341	7,715	2,715	49,447
31	U. NC Chapel Hill	443,790	22,258	349,179	14,040	26,032	5,581	26,700	0	0
32	GA Institute of Technology all campuses	440,898	16,422	19,064	53,756	35,570	5,382	13,089	3,149	294,466
33	U. TX Austin	431,398	37,600	48,983	63,612	85,380	9,093	27,880	6,756	152,094
34	Northwestern U.	419,985	3,690	300,157	3,642	25,473	3,733	7,936	10,563	64,791
35	U. MD Baltimore	405,260	0	405,260	0	0	0	0	0	0

TABLE 36. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	Vanderbilt U.	376,893	431	303,452	1,186	20,719	10,606	4,137	2,938	33,424
37	Purdue U. all campuses	372,958	6,210	175,631	12,592	22,292	4,585	18,354	15,185	118,109
38	Case Western Reserve U.	369,264	685	312,695	1,953	8,872	870	1,976	1,891	40,322
39	Scripps Research Institute, The	367,375	0	367,375	0	0	0	0	0	0
40	U. Rochester	366,658	914	234,547	2,936	12,137	14,556	459	1,308	99,801
41	MI State U.	358,097	1,071	222,066	8,678	55,319	6,818	34,646	980	28,519
42	IN U. all campuses	355,004	4,671	227,786	15,887	46,233	15,732	31,397	8,427	4,871
43	U. MD College Park	354,244	13,893	60,333	43,461	60,990	4,310	82,936	0	88,321
44	U. IA	346,357	2,009	274,029	2,796	18,338	8,392	6,214	508	34,071
45	Emory U.	345,989	2	330,039	604	10,627	2,008	2,709	0	0
46	LA State U. all campuses	343,775	33,023	219,906	5,172	24,378	1,807	7,265	12,385	39,839
47	U. NE all campuses	333,243	4,470	221,599	11,871	15,446	11,663	15,450	19,042	33,702
48	U. TX Southwestern Medical Ctr. Dallas	333,237	0	333,237	0	0	0	0	0	0
49	U. IL Chicago	332,176	1,369	257,615	15,072	12,700	6,562	11,004	8,245	19,609
50	U. AL Birmingham, The	331,436	0	312,118	981	3,664	6,173	477	0	8,023
51	NC State U.	330,936	13,223	162,953	17,005	22,189	11	10,406	9,083	96,066
52	U. KY all campuses	323,958	5,010	230,681	10,065	9,630	7,870	7,870	8,596	44,236
53	U. GA	323,843	14,521	224,426	9,396	16,439	13,617	37,944	0	7,500
54	VA Polytechnic Institute and State U.	321,722	5,876	150,604	12,254	14,150	2,276	8,278	935	127,349
55	Rutgers, The State U. NJ all campuses	308,204	28,649	154,884	19,203	39,420	12,717	26,160	1,926	25,245
56	U. Chicago	305,301	4,848	216,635	22,033	49,120	7,304	5,361	0	0
57	U. CA, Irvine	300,229	5,689	194,827	15,014	31,837	4,380	10,248	3,012	35,222
58	SUNY Buffalo all campuses	297,909	1,774	212,496	11,449	14,339	6,291	3,374	353	47,833
59	U. Cincinnati all campuses	294,150	929	251,055	585	7,863	1,900	3,534	1,301	26,983
60	U. South FL	285,941	32,230	193,977	773	5,857	7,631	8,868	827	35,778
61	NY U.	284,164	0	229,797	12,874	13,765	14,589	10,832	2,307	0
62	SUNY Albany	274,354	6,760	96,729	3,067	52,626	1,649	10,975	0	102,548
63	Mt. Sinai School of Medicine	273,216	0	273,216	0	0	0	0	0	0
64	OR Health & Science U.	272,174	0	236,976	16,702	0	0	0	18,496	0
65	CA Institute of Technology	270,269	16,357	44,259	11,301	148,686	0	1,339	11,463	36,864
66	Boston U.	255,615	4,857	169,662	3,702	24,799	7,687	1,337	18,599	24,972
67	CO State U.	253,992	84,894	110,143	5,847	11,904	3,330	3,420	9,366	25,088
68	U. HI Manoa	249,635	60,612	83,980	21,252	40,300	858	6,740	24,454	11,439
69	U. TN all campuses	249,067	4,791	141,376	10,114	15,961	350	11,514	16,473	48,488
70	U. UT	248,168	8,129	165,066	16,496	20,635	2,709	1,924	0	33,209

TABLE 36. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. of Medicine and Dentistry NJ	245,771	0	245,771	0	0	0	0	0	0
72	U. VA all campuses	238,754	3,875	168,222	7,187	15,556	6,880	618	734	35,682
73	SUNY Stony Brook all campuses	234,635	22,512	97,924	15,237	43,463	7,475	3,939	20,597	23,488
74	IA State U.	221,998	6,422	111,494	16,096	11,010	1,008	18,430	5,812	51,726
75	Wayne State U.	220,731	109	177,619	2,215	13,411	4,713	6,028	1,531	15,105
76	Rockefeller U.	215,417	0	198,779	7,745	8,893	0	0	0	0
77	U. MO-Columbia	215,240	1,909	169,710	3,461	6,385	7,246	10,657	0	15,872
78	U. CT all campuses	215,184	8,869	154,635	4,496	8,349	14,625	6,352	172	17,686
79	U. Miami	213,516	49,485	147,260	510	2,404	8,316	2,368	0	3,173
80	Carnegie Mellon U.	212,506	929	5,767	120,498	12,034	5,454	8,656	2,344	56,824
81	AZ State U. main campus	201,955	12,277	46,523	16,367	19,051	10,821	19,957	5,480	71,479
82	Dartmouth C.	200,277	1,260	140,264	5,576	6,938	7,967	910	16,555	20,807
83	WA State U.	196,391	1,595	124,270	1,068	16,213	1,101	15,948	11,605	24,591
84	U. KS all campuses	195,947	15,204	137,286	1,227	11,660	1,125	10,417	2,144	16,884
85	U. MA Worcester	191,659	0	191,659	0	0	0	0	0	0
86	MS State U.	189,917	5,017	98,183	10,369	11,262	7,805	4,948	4,521	47,812
87	OR State U.	189,606	40,829	108,074	6,038	4,290	156	2,773	3,539	23,907
88	Yeshiva U.	189,416	0	189,416	0	0	0	0	0	0
89	Princeton U.	188,165	17,909	38,653	14,375	28,357	8,854	24,469	0	55,548
90	FL State U.	185,633	25,531	30,403	10,915	53,752	15,108	16,481	682	32,761
91	Wake Forest U.	183,129	0	178,074	590	3,945	292	228	0	0
92	U. NM all campuses	181,223	4,453	109,570	5,055	16,955	10,470	6,108	12,218	16,394
93	U. TX Medical Branch	179,915	0	177,365	0	0	0	0	0	2,550
94	Clemson U.	179,840	0	52,287	13,044	10,376	1,275	11,957	9,592	81,309
95	U. OK all campuses	178,719	33,264	101,346	2,995	12,177	2,161	7,334	0	19,442
96	Medical U. SC	176,055	0	175,914	0	0	0	0	0	141
97	U. TX Health Science Ctr. Houston	175,154	0	175,154	0	0	0	0	0	0
98	U. CA, Santa Barbara	174,429	29,108	5,737	11,824	30,624	3,760	7,565	8,888	76,923
99	NM State U. all campuses	169,029	2,463	39,424	2,024	12,290	1,567	2,350	4,030	104,881
100	Brown U.	157,926	7,998	82,681	17,174	13,546	2,560	12,937	0	21,030
101	U. SC all campuses	153,737	32,413	40,297	4,652	17,956	12,118	9,586	11,630	25,085
102	U. AK Fairbanks all campuses	153,470	80,804	33,673	6,216	2	274	894	12,414	19,193
103	U. TX Health Science Ctr. San Antonio	150,040	0	150,040	0	0	0	0	0	0
104	VA Commonwealth U.	149,256	629	130,067	1,010	6,356	4,161	1,705	0	5,328
105	Medical C. WI	147,140	0	147,140	0	0	0	0	0	0
106	UT State U.	138,670	8,968	51,247	1,340	3,164	3,637	3,070	11,394	55,850

TABLE 36. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
107	U. MA Amherst	136,057	4,938	42,797	20,385	29,363	5,977	3,434	862	28,301
108	U. Louisville	135,873	583	108,833	919	3,342	4,348	1,298	530	16,020
109	Tufts U.	128,965	864	101,279	1,893	4,542	4,966	4,472	0	10,949
110	U. CA Office of the President	128,770	14,439	54,580	2,243	19,053	0	170	37,981	304
111	Auburn U. all campuses	126,522	1,593	80,290	272	4,257	586	2,090	4,637	32,797
112	U. CA, Riverside	124,820	13,679	64,407	3,238	9,258	1,834	2,145	1,538	28,721
113	KS State U.	123,746	725	79,617	2,712	8,053	931	4,241	8,630	18,837
114	WV U.	122,134	7,374	79,957	1,142	5,211	419	2,714	294	25,023
115	Woods Hole Oceanographic Institution	121,888	100,258	0	0	0	0	0	0	21,630
116	U. VT	121,841	539	107,137	1,388	1,372	1,770	288	7,082	2,265
117	Georgetown U.	118,558	0	105,029	157	3,278	1,386	8,708	0	0
118	U. NH	115,117	55,726	24,281	961	4,264	81	4,846	1,991	22,967
119	U. DE	114,985	12,532	28,596	2,941	14,558	3,729	6,567	6,489	39,573
120	Tulane U.	114,397	498	101,539	1,572	1,987	265	3,251	0	5,285
121	U. CA, Santa Cruz	114,126	20,173	14,785	2,775	37,970	1,725	4,266	259	32,173
122	George Washington U.	113,982	117	44,856	41,325	4,094	1,820	11,842	23	9,905
123	MT State U. Bozeman	112,428	1,955	71,686	1,302	15,117	0	2,716	6,803	12,849
124	U. Central FL	107,996	14,513	4,945	10,162	34,009	1,579	1,257	12,645	28,886
125	U. AR for Medical Sciences	107,871	0	107,871	0	0	0	0	0	0
126	Thomas Jefferson U.	106,986	0	106,986	0	0	0	0	0	0
127	ND State U. all campuses	103,778	248	58,219	731	14,355	3,248	11,598	4,822	10,557
128	OK State U. all campuses	100,323	1,385	60,369	995	6,285	626	5,260	6,156	19,247
129	U. AR main campus	99,271	2,343	59,420	1,287	10,322	401	3,822	0	21,676
130	U. NV, Reno	98,917	10,074	47,284	1,230	13,952	633	1,949	12,135	11,660
131	Drexel U.	96,687	0	48,341	7,149	3,150	1,314	0	0	36,733
132	U. MS all campuses	93,471	317	64,905	63	18,884	103	886	0	8,313
133	U. ME	93,153	20,470	37,181	1,861	4,658	1,366	7,731	4,980	14,906
134	U. WY	89,414	11,328	51,003	1,084	5,991	1,050	3,660	7,886	7,412
135	U. ID	86,863	4,970	55,712	1,478	3,491	65	2,435	3,076	15,636
136	Rush U.	83,194	0	81,159	0	0	2,035	0	0	0
137	Temple U.	79,736	198	56,304	923	5,570	10,992	2,797	0	2,952
138	U. of Notre Dame	78,553	0	14,692	4,798	19,026	4,756	6,793	12,538	15,950
139	NJ Institute of Technology	77,583	0	446	8,231	10,274	0	480	18,211	39,941
140	TX A&M U. System Health Science Ctr.	76,109	1,056	74,132	0	0	72	86	0	763
141	U. Houston	75,662	4,002	16,310	7,781	9,100	9,998	4,510	0	23,961
142	Southern IL U. Carbondale	74,520	2,344	40,662	584	1,410	1,157	2,940	5,762	19,661

TABLE 36. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
143	NM Institute of Mining and Technology	73,792	72	249	879	21,777	2	0	5,619	45,194
144	San Diego State U.	73,777	3,931	27,140	1,728	3,942	9,268	7,038	6,871	13,859
145	U. RI	70,696	26,121	23,481	686	623	2,072	35	11,986	5,692
146	Rensselaer Polytechnic Institute	70,576	1,545	3,573	6,115	9,094	1,572	435	0	48,242
147	U. Dayton	69,080	118	1,437	703	543	16	10	464	65,789
148	Uniformed Services U. of the Health Sciences	67,716	0	63,175	0	0	4,541	0	0	0
149	Rice U.	66,564	2,096	10,546	13,688	16,089	743	1,205	0	22,197
150	Northeastern U.	66,495	425	17,354	2,764	13,189	2,373	3,496	0	26,894
151	FL International U.	65,805	5,364	12,041	4,313	9,907	1,216	4,600	10,664	17,700
152	U. MD Baltimore County	65,718	22,118	10,110	2,956	5,599	2,177	6,226	6,172	10,360
153	Medical C. GA	61,174	0	61,174	0	0	0	0	0	0
154	U. MD Biotechnology Institute	59,297	12,285	47,012	0	0	0	0	0	0
155	U. AL Huntsville, The	59,231	8,898	1,651	8,939	10,891	25	691	0	28,136
156	TX Tech U.	58,591	6,454	19,690	1,681	5,873	564	7,176	951	16,202
157	U. OR	57,153	2,391	26,700	4,060	10,360	7,854	5,037	0	751
158	U. NV, Las Vegas	57,031	18,069	10,531	905	5,989	107	2,199	3,329	15,902
159	Brandeis U.	57,017	0	27,465	1,923	8,408	2,972	16,249	0	0
160	Naval Postgraduate School	56,780	14,604	0	7,896	5,047	0	3,061	13,653	12,519
161	U. ND all campuses	56,074	8,745	15,649	30	1,673	213	248	1,732	27,784
162	U. MT-Missoula, The	52,903	907	35,129	1,366	4,558	661	2,158	8,124	0
163	GA State U.	52,690	299	19,700	2,196	7,668	11,747	10,421	659	0
164	C. of William and Mary all campuses	52,025	34,649	2,802	1,370	5,707	469	2,459	4,569	0
165	George Mason U.	50,381	12,601	8,869	11,924	690	3,410	7,122	0	5,765
166	Old Dominion U.	49,966	4,731	5,273	3,571	7,500	2,029	2,835	36	23,991
167	St. Louis U. all campuses	48,133	913	46,044	174	669	14	22	59	238
168	Wright State U. all campuses	47,711	565	30,574	6,810	2,257	1,244	55	172	6,034
169	U. LA Lafayette	47,308	194	26,583	7,012	782	1,632	1,241	5,378	4,486
170	Charles R. Drew U. of Medicine and Science	47,188	0	47,188	0	0	0	0	0	0
171	U. TX Dallas	44,198	678	5,433	6,764	9,253	3,698	3,346	0	15,026
172	U. Memphis, The	43,715	4,902	6,791	3,416	1,364	11,815	8,642	1,465	5,320
173	MI Technological U.	43,081	8,238	872	2,896	3,416	0	926	1,107	25,626
174	U. MD Ctr. for Environmental Science	40,146	40,146	0	0	0	0	0	0	0
175	U. Southern MS	39,163	14,362	8,742	276	9,907	244	457	3,862	1,313
176	Desert Research Institute	38,511	35,776	1,023	0	0	0	1,191	521	0
177	U. PR Medical Sciences Campus	38,424	0	38,424	0	0	0	0	0	0
178	Jackson State U.	38,273	5,065	11,047	4,504	4,770	771	308	8,827	2,981

TABLE 36. R&D expenditures at universities and colleges, ranked by all R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
179	OH U. all campuses	38,000	950	10,270	309	6,576	1,830	1,486	0	16,579
180	Loyola U. Chicago	37,669	0	35,999	35	239	508	186	702	0
181	U. MO-Rolla	37,384	4,577	714	204	3,909	25	23	0	27,932
182	SUNY Upstate Medical U.	37,181	0	37,181	0	0	0	0	0	0
183	Howard U.	36,465	0	25,284	173	2,809	120	898	2,380	4,801
184	Syracuse U. all campuses	36,100	3,267	2,748	4,342	6,173	4,644	2,673	21	12,232
185	Boston C.	35,659	7,432	4,885	5,937	8,377	1,136	7,892	0	0
186	U. AL, The	35,129	1,612	3,860	6,534	3,489	2,083	1,955	998	14,598
187	San Jose State U.	34,687	17,949	482	1,733	2,143	8,471	286	1,415	2,208
188	NY Medical C.	34,397	0	34,397	0	0	0	0	0	0
189	FL A&M U.	34,293	4,236	20,206	980	3,962	83	0	399	4,427
190	U. WI Milwaukee	34,033	7,466	6,388	1,574	6,403	958	6,071	42	5,131
191	Lehigh U.	33,469	1,055	2,255	1,459	4,297	355	31	0	24,017
192	SD State U.	33,275	486	27,454	46	762	0	1,683	32	2,812
193	Eastern VA Medical School	33,013	0	33,013	0	0	0	0	0	0
194	Meharry Medical C.	32,878	0	32,878	0	0	0	0	0	0
195	Loma Linda U.	32,451	0	32,234	0	0	0	217	0	0
196	U. TX El Paso	32,161	3,484	11,061	2,197	3,025	1,241	1,112	92	9,949
197	Wichita State U.	31,873	42	1,303	241	1,954	2,622	3,827	0	21,884
198	CUNY Hunter C.	31,308	2,905	11,469	464	7,977	5,556	2,851	86	0
199	SUNY Health Science Ctr. Brooklyn	31,064	0	31,064	0	0	0	0	0	0
200	U. Toledo	30,493	3,105	7,285	39	6,393	366	717	613	11,975
	All other sampled institutions	2,235,647	192,731	830,250	119,048	338,717	79,553	168,510	82,544	424,294

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 37. Federally financed R&D expenditures at universities and colleges, ranked by federal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	30,033,156	1,763,173	18,268,028	1,387,958	2,704,818	628,606	711,092	333,546	4,235,935
1	Johns Hopkins U., The ^a	1,307,453	38,434	559,286	95,783	136,988	6,391	3,274	22,890	444,407
2	U. WA	650,394	80,943	459,070	6,283	28,350	9,929	6,500	0	59,319
3	U. MI all campuses	565,739	7,830	350,492	8,682	28,068	10,451	53,336	64	106,816
4	Stanford U.	540,069	11,332	310,995	25,715	64,675	5,713	5,964	0	115,675
5	U. WI Madison	491,810	70,513	260,761	15,838	39,819	24,208	21,273	0	59,398
6	U. CA, Los Angeles	483,873	8,569	364,636	17,528	45,676	9,035	6,507	2,542	29,380
7	U. PA	478,773	278	392,441	8,351	27,710	5,535	16,011	7,465	20,982
8	MA Institute of Technology	476,362	23,717	145,487	37,104	94,818	1,118	3,026	6,246	164,846
9	U. CA, San Francisco	464,660	0	444,698	0	19,962	0	0	0	0
10	U. CA, San Diego	463,807	72,956	260,853	45,783	36,137	5,628	4,854	613	36,983
11	Columbia U. in the City of NY	451,187	53,940	310,341	9,761	33,473	2,870	8,638	1,856	30,308
12	U. CO all campuses	448,350	84,416	247,689	8,597	57,838	12,433	6,497	1,336	29,544
13	U. Pittsburgh all campuses	422,316	986	367,021	5,814	15,179	6,831	3,254	8,422	14,809
14	Duke U.	414,419	7,919	341,291	8,675	14,448	1,941	16,337	0	23,808
15	Washington U. St. Louis	408,402	3,169	371,552	4,192	13,120	4,369	3,721	0	8,279
16	Harvard U.	403,458	25,271	281,478	3,666	54,461	7,318	11,453	0	19,811
17	Cornell U. all campuses	390,043	3,984	245,421	19,382	60,332	2,939	10,026	0	47,959
18	PA State U. all campuses	367,215	26,000	97,055	31,201	39,700	14,108	9,787	128	149,236
19	Yale U.	348,500	3,686	308,984	4,936	16,320	4,640	1,062	0	8,872
20	U. Southern CA	333,378	14,405	178,546	91,999	6,356	4,054	3,920	376	33,722
21	U. NC Chapel Hill	329,215	13,643	263,026	11,156	19,346	4,704	17,340	0	0
22	U. MN all campuses	326,170	6,928	237,882	15,707	20,712	8,192	9,952	0	26,797
23	OH State U. all campuses	315,914	6,396	187,241	23,055	18,050	4,492	26,644	5,157	44,879
24	Case Western Reserve U.	306,980	551	269,586	1,705	6,632	784	1,436	669	25,617
25	U. AZ	301,619	6,885	156,591	8,076	89,270	3,470	11,139	0	26,188
26	Vanderbilt U.	300,423	341	246,145	1,035	14,182	8,087	3,223	523	26,887
27	U. AL Birmingham, The	292,962	0	275,441	803	3,279	6,071	440	0	6,928
28	Baylor C. of Medicine	287,679	0	287,679	0	0	0	0	0	0
29	U. Rochester	278,399	819	167,170	2,461	10,479	11,469	337	335	85,329
30	U. TX Austin	273,147	12,917	34,844	46,313	60,258	8,141	12,565	4,596	93,513
31	Scripps Research Institute, The	268,533	0	268,533	0	0	0	0	0	0
32	Emory U.	267,894	0	255,575	594	9,326	1,891	508	0	0
33	U. IL Urbana-Champaign	264,645	19,022	60,503	58,080	38,668	9,115	5,735	2,075	71,447
34	U. CA, Berkeley	261,718	5,935	93,070	6,673	76,542	5,758	8,019	9,441	56,280
35	GA Institute of Technology all campuses	257,751	10,973	7,369	33,019	18,346	2,473	3,200	1,616	180,755

TABLE 37. Federally financed R&D expenditures at universities and colleges, ranked by federal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	U. Chicago	253,471	4,638	177,146	21,188	38,206	7,212	5,081	0	0
37	Northwestern U.	249,980	3,408	167,284	2,702	20,161	2,890	3,426	5,479	44,630
38	CA Institute of Technology	248,591	14,722	37,955	11,069	141,376	0	1,099	7,839	34,531
39	U. FL	248,322	7,224	153,294	6,860	24,585	7,214	3,096	0	46,049
40	U. CA, Davis	248,190	5,998	191,690	7,257	16,558	847	2,634	1,170	22,036
41	Boston U.	238,560	4,352	157,309	3,326	24,027	7,478	1,046	18,239	22,783
42	Mt. Sinai School of Medicine	224,911	0	224,911	0	0	0	0	0	0
43	OR Health & Science U.	223,204	0	209,517	13,687	0	0	0	0	0
44	U. IA	216,521	682	178,554	2,143	13,350	7,097	1,156	0	13,539
45	U. MD College Park	209,764	11,791	23,798	25,147	42,273	4,019	48,459	0	54,277
46	TX A&M U. all campuses	206,242	44,817	68,845	12,063	18,786	2,058	2,553	931	56,189
47	U. IL Chicago	203,875	1,125	166,255	6,484	8,386	4,177	4,792	2,316	10,340
48	U. VA all campuses	203,778	3,517	142,937	6,590	13,494	6,229	504	672	29,835
49	U. HI Manoa	202,419	49,973	67,107	21,057	32,393	63	5,071	16,722	10,033
50	U. Cincinnati all campuses	201,742	201	183,113	105	4,608	779	913	0	12,023
51	U. TX Southwestern Medical Ctr. Dallas	196,621	0	196,621	0	0	0	0	0	0
52	NY U.	189,276	0	149,829	10,939	10,304	12,334	4,061	1,809	0
53	U. MD Baltimore	186,160	0	186,160	0	0	0	0	0	0
54	Carnegie Mellon U.	185,389	841	4,728	112,057	8,878	5,153	6,847	2,092	44,793
55	CO State U.	182,648	69,441	72,638	4,679	9,238	2,954	2,685	3,260	17,753
56	U. TX M. D. Anderson Cancer Ctr.	182,028	0	159,072	5,553	5,799	6,637	3,070	0	1,897
57	U. UT	174,888	4,972	119,695	12,488	14,538	2,167	587	0	20,441
58	IN U. all campuses	170,635	2,527	125,032	8,967	15,118	9,415	7,467	149	1,960
59	U. CA, Irvine	169,983	3,577	117,963	8,580	20,070	2,487	3,269	0	14,037
60	MI State U.	169,116	602	98,536	5,461	36,304	3,773	13,127	26	11,287
61	Purdue U. all campuses	157,438	4,103	67,771	7,964	15,655	3,534	4,518	5,992	47,901
62	Yeshiva U.	153,785	0	153,785	0	0	0	0	0	0
63	U. South FL	153,737	20,657	103,811	94	3,139	4,496	3,380	700	17,460
64	SUNY Buffalo all campuses	153,152	1,054	111,487	5,996	7,208	2,946	964	0	23,497
65	U. KY all campuses	151,238	2,914	103,402	7,164	5,861	6,441	2,144	3,404	19,908
66	U. Miami	150,408	39,090	95,935	510	2,201	7,936	2,247	0	2,489
67	U. of Medicine and Dentistry NJ	140,923	0	140,923	0	0	0	0	0	0
68	Dartmouth C.	140,430	690	100,333	3,662	3,642	5,501	394	11,271	14,937
69	Wake Forest U.	139,549	0	135,557	276	3,372	266	78	0	0
70	U. NE all campuses	139,113	3,073	91,891	5,932	7,412	6,688	5,026	3,322	15,769

TABLE 37. Federally financed R&D expenditures at universities and colleges, ranked by federal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. MA Worcester	136,141	0	136,141	0	0	0	0	0	0
72	NC State U.	131,262	7,495	47,805	9,998	14,044	0	3,680	2,631	45,609
73	Rutgers, The State U. NJ all campuses	129,456	11,985	62,889	9,916	24,322	4,063	5,802	0	10,479
74	U. NM all campuses	127,907	3,800	79,217	4,652	14,573	8,810	2,538	2,904	11,413
75	LA State U. all campuses	126,545	8,683	92,563	1,959	13,224	656	1,926	161	7,373
76	U. CT all campuses	124,837	5,834	85,117	2,235	6,307	11,849	3,121	93	10,281
77	U. TX Health Science Ctr. Houston	122,870	0	122,870	0	0	0	0	0	0
78	U. TX Medical Branch	120,408	0	119,013	0	0	0	0	0	1,395
79	VA Polytechnic Institute and State U.	119,994	2,887	49,798	4,967	7,618	1,196	2,708	51	50,769
80	Wayne State U.	118,042	35	94,796	1,308	8,745	2,922	1,822	0	8,414
81	Princeton U.	117,845	11,743	25,520	9,870	21,251	6,898	7,479	0	35,084
82	OR State U.	116,586	35,201	52,157	5,637	3,037	117	1,097	3,026	16,314
83	U. KS all campuses	115,522	4,576	84,176	1,095	9,170	1,056	5,930	912	8,607
84	U. TN all campuses	113,559	2,001	70,276	5,413	11,026	227	1,540	3,492	19,584
85	SUNY Stony Brook all campuses	112,973	13,695	58,733	6,105	18,967	4,085	1,028	17	10,343
86	FL State U.	110,358	16,035	16,820	6,141	28,571	9,042	6,770	0	26,979
87	AZ State U. main campus	109,893	11,498	26,146	7,780	13,426	8,907	8,016	1,696	32,424
88	U. CA, Santa Barbara	106,169	12,735	4,595	9,187	21,141	3,170	1,707	4,939	48,695
89	IA State U.	104,553	4,412	45,623	7,800	7,065	354	12,074	322	26,903
90	Medical U. SC	104,057	0	104,057	0	0	0	0	0	0
91	SUNY Albany	103,835	3,571	88,253	1,691	2,330	1,412	4,166	0	2,412
92	U. MO-Columbia	101,732	1,158	75,695	2,911	4,724	4,912	4,642	0	7,690
93	Woods Hole Oceanographic Institution	101,631	81,059	0	0	0	0	0	0	20,572
94	Medical C. WI	100,128	0	100,128	0	0	0	0	0	0
95	U. AK Fairbanks all campuses	98,330	54,550	20,466	4,432	1	274	476	3,152	14,979
96	VA Commonwealth U.	97,576	448	84,142	838	4,543	2,983	850	0	3,772
97	Brown U.	96,922	4,769	58,180	9,755	7,335	1,290	3,048	0	12,545
98	UT State U.	96,242	5,396	29,485	878	2,652	2,275	1,507	2,059	51,990
99	Tufts U.	95,964	224	78,944	1,437	4,189	2,682	283	0	8,205
100	U. TX Health Science Ctr. San Antonio	95,110	0	95,110	0	0	0	0	0	0
101	MS State U.	94,073	4,230	35,967	6,108	5,948	6,105	1,301	3,422	30,992
102	Rockefeller U.	93,742	0	87,515	1,407	4,820	0	0	0	0
103	U. GA	92,652	4,167	71,076	1,923	5,355	6,921	2,098	0	1,112
104	Georgetown U.	92,268	0	87,005	156	3,050	1,151	906	0	0
105	U. OK all campuses	90,880	14,226	58,849	1,088	5,614	1,166	2,343	0	7,594
106	U. SC all campuses	89,294	17,948	25,345	3,495	9,289	9,411	4,693	2,615	16,498

TABLE 37. Federally financed R&D expenditures at universities and colleges, ranked by federal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
107	U. NH	86,416	51,335	11,565	462	4,083	81	3,223	1,019	14,648
108	Tulane U.	84,052	319	73,191	1,319	1,469	218	3,179	0	4,357
109	Thomas Jefferson U.	82,551	0	82,551	0	0	0	0	0	0
110	U. VT	82,519	367	72,542	870	847	1,642	205	4,946	1,100
111	WA State U.	81,324	739	46,776	305	12,217	481	4,594	2,736	13,476
112	U. DE	79,640	8,093	14,419	2,437	12,252	2,876	3,420	4,998	31,145
113	MT State U. Bozeman	75,362	1,660	42,269	875	13,828	0	1,390	4,960	10,380
114	George Washington U.	75,209	62	23,065	39,070	2,310	1,667	2,959	23	6,053
115	U. Louisville	70,481	241	55,384	606	2,333	3,690	488	12	7,727
116	U. MA Amherst	69,642	3,030	23,047	10,495	17,898	3,511	1,221	2	10,438
117	Drexel U.	68,499	0	34,728	5,321	2,672	1,062	0	0	24,716
118	U. MS all campuses	67,717	309	44,961	57	15,226	0	166	0	6,998
119	U. CA, Santa Cruz	66,390	10,604	7,997	1,874	17,231	591	858	0	27,235
120	U. AR for Medical Sciences	66,127	0	66,127	0	0	0	0	0	0
121	U. NV, Reno	64,476	6,510	32,678	924	13,243	550	685	481	9,405
122	WV U.	63,764	4,697	36,965	638	3,285	123	698	49	17,309
123	U. CA, Riverside	58,023	4,631	23,109	1,640	7,985	1,581	797	1	18,279
124	U. Dayton	56,779	33	1,321	610	180	0	0	0	54,635
125	Clemson U.	56,268	0	14,138	1,503	5,038	794	4,242	206	30,347
126	NM State U. all campuses	55,801	825	14,071	1,566	7,491	1,266	1,748	468	28,366
127	U. of Notre Dame	55,710	0	12,039	4,491	16,774	4,639	2,091	5,063	10,613
128	Naval Postgraduate School	54,528	13,899	0	7,771	4,781	0	3,059	13,297	11,721
129	Rice U.	53,880	1,899	8,982	12,079	12,738	727	704	0	16,751
130	KS State U.	52,649	331	28,933	1,659	5,887	282	1,308	6,005	8,244
131	Temple U.	50,904	164	37,051	841	3,957	6,543	694	0	1,654
132	NM Institute of Mining and Technology	47,901	44	143	821	13,505	0	0	3,304	30,084
133	U. ID	47,018	2,062	28,417	1,223	2,333	27	937	1,449	10,570
134	U. RI	46,898	20,220	13,532	642	617	1,449	32	6,544	3,862
135	U. OR	46,583	1,819	22,085	3,801	7,700	7,104	3,938	0	136
136	FL International U.	45,894	3,569	10,483	3,244	8,778	1,216	4,437	0	14,167
137	Auburn U. all campuses	45,540	1,298	18,800	186	3,811	549	1,301	1,403	18,192
138	ND State U. all campuses	45,418	153	12,390	596	13,176	3,008	6,641	1,073	8,381
139	St. Louis U. all campuses	45,183	862	43,444	151	504	0	22	0	200
140	Rush U.	45,044	0	43,754	0	0	1,290	0	0	0
141	U. MD Baltimore County	44,830	19,163	8,029	2,321	3,855	1,115	3,115	1,074	6,158
142	Rensselaer Polytechnic Institute	44,690	1,309	2,376	5,146	6,354	1,402	353	0	27,750

TABLE 37. Federally financed R&D expenditures at universities and colleges, ranked by federal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
143	U. AL Huntsville, The	44,636	6,727	836	7,632	7,169	24	492	0	21,756
144	Charles R. Drew U. of Medicine and Science	44,394	0	44,394	0	0	0	0	0	0
145	U. NV, Las Vegas	42,772	15,989	7,907	825	5,489	97	640	0	11,825
146	Medical C. GA	41,555	0	41,555	0	0	0	0	0	0
147	U. ME	41,394	13,410	11,790	235	2,067	432	4,043	2,823	6,594
148	Brandeis U.	41,184	0	22,277	1,654	7,089	2,610	7,554	0	0
149	Uniformed Services U. of the Health Sciences	39,461	0	36,611	0	0	2,850	0	0	0
150	U. ND all campuses	38,848	7,298	13,044	3	1,089	103	3	234	17,074
151	U. Houston	38,559	1,431	11,984	3,958	3,790	6,318	2,916	0	8,162
152	U. Central FL	37,974	7,398	1,838	358	11,494	1,219	822	3,890	10,955
153	OK State U. all campuses	37,943	520	17,572	396	2,826	173	1,435	3,257	11,764
154	Northeastern U.	36,071	122	8,709	1,470	6,829	1,714	451	0	16,776
155	George Mason U.	35,911	10,112	6,270	9,275	542	2,069	3,669	0	3,974
156	NJ Institute of Technology	35,489	0	0	3,561	7,086	0	99	5,238	19,505
157	San Diego State U.	35,351	2,028	16,530	601	1,676	4,952	812	48	8,704
158	TX A&M U. System Health Science Ctr.	35,214	1,056	33,369	0	0	72	21	0	696
159	Howard U.	34,959	0	24,297	173	2,705	111	890	2,312	4,471
160	U. Southern MS	34,577	13,456	8,221	270	7,312	194	384	3,675	1,065
161	U. MT-Missoula, The	33,039	742	25,869	1,278	3,663	529	958	0	0
162	U. MD Biotechnology Institute	32,005	5,460	26,545	0	0	0	0	0	0
163	U. AR main campus	31,926	1,317	14,637	174	7,179	47	568	0	8,004
164	U. PR Medical Sciences Campus	31,199	0	31,199	0	0	0	0	0	0
165	Meharry Medical C.	30,914	0	30,914	0	0	0	0	0	0
166	Jackson State U.	30,783	4,074	8,885	3,623	3,836	620	248	7,100	2,397
167	Desert Research Institute	30,407	27,838	869	0	0	0	1,179	521	0
168	C. of William and Mary all campuses	29,121	17,625	1,332	1,252	4,645	217	930	3,120	0
169	Loma Linda U.	28,788	0	28,583	0	0	0	205	0	0
170	Hampton U.	28,584	16,791	2,405	219	5,133	0	0	2,864	1,172
171	Old Dominion U.	27,506	3,042	1,981	1,481	2,808	1,012	591	0	16,591
172	SUNY Upstate Medical U.	27,247	0	27,247	0	0	0	0	0	0
173	NY Medical C.	26,579	0	26,579	0	0	0	0	0	0
174	U. WY	25,844	4,529	14,852	260	2,312	299	825	881	1,886
175	Loyola U. Chicago	25,420	0	24,084	35	185	322	92	702	0
176	Syracuse U. all campuses	25,299	1,852	1,688	3,637	4,295	4,555	960	20	8,292
177	SUNY Health Science Ctr. Brooklyn	25,184	0	25,184	0	0	0	0	0	0
178	Morehouse School of Medicine	25,156	0	25,156	0	0	0	0	0	0

TABLE 37. Federally financed R&D expenditures at universities and colleges, ranked by federal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
179	GA State U.	24,968	86	8,480	395	4,131	7,902	3,974	0	0
180	FL A&M U.	24,902	3,797	14,438	183	3,483	11	0	81	2,909
181	San Jose State U.	23,197	10,050	482	308	1,571	8,471	197	95	2,023
182	U. AL, The	22,847	904	2,734	3,737	2,269	1,814	690	19	10,680
183	Stevens Institute of Technology	22,501	3,771	335	2,893	922	0	0	493	14,087
184	Wright State U. all campuses	22,430	311	15,007	1,734	1,409	757	10	0	3,202
185	U. MO-Rolla	22,351	2,848	599	122	2,763	0	10	0	16,009
186	TX Tech U.	22,278	3,487	5,477	1,081	2,776	394	2,576	19	6,468
187	CUNY The City C.	21,408	144	6,015	673	7,090	331	0	0	7,155
188	CO School of Mines	20,543	635	0	166	3,862	0	20	5,868	9,992
189	U. TX San Antonio	20,277	454	12,075	3,034	1,060	114	1,514	0	2,026
190	Southern IL U. Carbondale	20,108	766	14,007	117	518	753	950	2,068	929
191	U. TX Dallas	19,954	180	2,847	2,663	6,629	3,153	742	0	3,740
192	FL Atlantic U.	19,952	556	5,368	1,785	1,879	508	0	0	9,856
193	OH U. all campuses	19,573	359	4,206	102	3,519	1,171	709	0	9,507
194	Eastern VA Medical School	19,399	0	19,399	0	0	0	0	0	0
195	U. TX El Paso	19,331	2,731	7,532	1,911	2,447	962	699	0	3,049
196	U. North TX Health Science Ctr. Ft. Worth	19,183	0	19,183	0	0	0	0	0	0
197	IL Institute of Technology	19,121	0	7,255	1,865	3,241	875	0	0	5,885
198	U. TX Arlington	19,006	232	746	299	4,869	1,344	363	0	11,153
199	Portland State U.	18,797	2,908	4,891	3,078	1,327	376	3,924	0	2,293
200	MI Technological U.	18,757	5,484	83	874	1,428	0	161	30	10,697
	All other sampled institutions	1,358,570	127,298	512,186	74,875	234,249	68,764	76,038	35,840	229,320

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$672 million in federally financed R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 38. Nonfederally financed R&D expenditures at universities and colleges, ranked by nonfederal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Nonfederal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	17,727,246	838,820	10,563,180	579,873	1,118,544	246,225	992,273	548,084	2,840,247
1	U. WI Madison	340,085	12,076	247,273	4,819	15,878	6,410	19,981	113	33,535
2	OH State U. all campuses	336,415	2,940	186,108	24,000	9,637	1,479	13,875	8,335	90,041
3	U. CA, San Francisco	331,489	0	325,787	0	5,702	0	0	0	0
4	U. CA, Los Angeles	327,620	2,529	244,878	5,068	13,755	2,511	29,154	7,017	22,708
5	U. CA, Davis	324,812	20,236	234,244	4,365	7,583	898	18,451	1,867	37,168
6	U. FL	317,169	3,057	236,803	3,552	9,307	4,889	12,647	0	46,914
7	U. CA, San Diego	290,959	54,513	143,383	22,398	13,704	2,258	6,836	1,370	46,497
8	TX A&M U. all campuses	286,713	24,714	120,224	4,297	19,644	926	7,064	4,298	105,546
9	U. CA, Berkeley	284,317	4,061	87,667	1,954	29,665	3,743	41,911	23,721	91,595
10	PA State U. all campuses	276,967	26,793	103,931	11,741	24,466	8,668	14,746	244	86,378
11	U. TX M. D. Anderson Cancer Ctr.	275,668	0	243,397	16,122	4,991	6,999	2,596	0	1,563
12	U. MN all campuses	268,707	7,546	196,979	8,254	7,289	4,973	15,333	0	28,333
13	Cornell U. all campuses	258,759	2,399	165,727	12,443	29,185	2,936	16,837	0	29,232
14	Duke U.	242,661	5,611	212,543	1,939	3,146	1,063	6,975	0	11,384
15	U. MI all campuses	234,749	3,455	130,753	3,728	12,792	2,023	36,577	581	44,840
16	U. AZ	234,228	4,503	96,718	3,471	59,355	3,859	12,311	39	53,972
17	U. GA	231,191	10,354	153,350	7,473	11,084	6,696	35,846	0	6,388
18	U. MD Baltimore	219,100	0	219,100	0	0	0	0	0	0
19	LA State U. all campuses	217,230	24,340	127,343	3,213	11,154	1,151	5,339	12,224	32,466
20	Purdue U. all campuses	215,520	2,107	107,860	4,628	6,637	1,051	13,836	9,193	70,208
21	U. IL Urbana-Champaign	211,553	22,570	68,230	27,057	18,025	4,396	15,372	1,979	53,924
22	VA Polytechnic Institute and State U.	201,728	2,989	100,806	7,287	6,532	1,080	5,570	884	76,580
23	NC State U.	199,674	5,728	115,148	7,007	8,145	11	6,726	6,452	50,457
24	U. PA	197,279	482	154,183	2,457	5,526	732	14,798	7,304	11,797
25	U. NE all campuses	194,130	1,397	129,708	5,939	8,034	4,975	10,424	15,720	17,933
26	Johns Hopkins U., The ^a	192,524	1,822	142,921	1,648	3,195	1,283	1,777	17,055	22,823
27	MI State U.	188,981	469	123,530	3,217	19,015	3,045	21,519	954	17,232
28	IN U. all campuses	184,369	2,144	102,754	6,920	31,115	6,317	23,930	8,278	2,911
29	GA Institute of Technology all campuses	183,147	5,449	11,695	20,737	17,224	2,909	9,889	1,533	113,711
30	Rutgers, The State U. NJ all campuses	178,748	16,664	91,995	9,287	15,098	8,654	20,358	1,926	14,766
31	Baylor C. of Medicine	174,696	0	174,696	0	0	0	0	0	0
32	U. KY all campuses	172,720	2,096	127,279	2,901	3,769	1,429	5,726	5,192	24,328
33	SUNY Albany	170,519	3,189	8,476	1,376	50,296	237	6,809	0	100,136
34	Northwestern U.	170,005	282	132,873	940	5,312	843	4,510	5,084	20,161
35	U. TX Austin	158,251	24,683	14,139	17,299	25,122	952	15,315	2,160	58,581

TABLE 38. Nonfederally financed R&D expenditures at universities and colleges, ranked by nonfederal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Nonfederal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	SUNY Buffalo all campuses	144,757	720	101,009	5,453	7,131	3,345	2,410	353	24,336
37	U. MD College Park	144,480	2,102	36,535	18,314	18,717	291	34,477	0	34,044
38	Washington U. St. Louis	139,272	1,758	119,294	3,828	3,760	1,579	2,264	43	6,746
39	Stanford U.	139,127	8,471	78,098	3,834	8,335	988	6,388	0	33,013
40	U. TX Southwestern Medical Ctr. Dallas	136,616	0	136,616	0	0	0	0	0	0
41	U. TN all campuses	135,508	2,790	71,100	4,701	4,935	123	9,974	12,981	28,904
42	U. South FL	132,204	11,573	90,166	679	2,718	3,135	5,488	127	18,318
43	U. CA, Irvine	130,246	2,112	76,864	6,434	11,767	1,893	6,979	3,012	21,185
44	U. IA	129,836	1,327	95,475	653	4,988	1,295	5,058	508	20,532
45	U. IL Chicago	128,301	244	91,360	8,588	4,314	2,385	6,212	5,929	9,269
46	U. CA Office of the President	127,974	14,439	54,450	2,243	19,053	0	170	37,315	304
47	U. WA	127,754	11,167	82,454	567	5,453	1,007	11,064	0	16,042
48	MA Institute of Technology	124,386	3,550	27,144	16,768	3,549	145	4,072	13,961	55,197
49	Clemson U.	123,572	0	38,149	11,541	5,338	481	7,715	9,386	50,962
50	Rockefeller U.	121,675	0	111,264	6,338	4,073	0	0	0	0
51	SUNY Stony Brook all campuses	121,662	8,817	39,191	9,132	24,496	3,390	2,911	20,580	13,145
52	IA State U.	117,445	2,010	65,871	8,296	3,945	654	6,356	5,490	24,823
53	U. Southern CA	116,795	3,820	77,969	8,880	2,980	1,287	3,795	2,339	15,725
54	WA State U.	115,067	856	77,494	763	3,996	620	11,354	8,869	11,115
55	U. NC Chapel Hill	114,575	8,615	86,153	2,884	6,686	877	9,360	0	0
56	U. MO-Columbia	113,508	751	94,015	550	1,661	2,334	6,015	0	8,182
57	NM State U. all campuses	113,228	1,638	25,353	458	4,799	301	602	3,562	76,515
58	Yale U.	111,575	1,099	93,076	1,347	5,547	3,207	2,828	0	4,471
59	U. Pittsburgh all campuses	107,846	150	91,606	1,169	3,930	944	745	2,857	6,445
60	U. of Medicine and Dentistry NJ	104,848	0	104,848	0	0	0	0	0	0
61	Wayne State U.	102,689	74	82,823	907	4,666	1,791	4,206	1,531	6,691
62	Scripps Research Institute, The	98,842	0	98,842	0	0	0	0	0	0
63	MS State U.	95,844	787	62,216	4,261	5,314	1,700	3,647	1,099	16,820
64	NY U.	94,888	0	79,968	1,935	3,461	2,255	6,771	498	0
65	U. Cincinnati all campuses	92,408	728	67,942	480	3,255	1,121	2,621	1,301	14,960
66	AZ State U. main campus	92,062	779	20,377	8,587	5,625	1,914	11,941	3,784	39,055
67	U. CT all campuses	90,347	3,035	69,518	2,261	2,042	2,776	3,231	79	7,405
68	U. Rochester	88,259	95	67,377	475	1,658	3,087	122	973	14,472
69	U. OK all campuses	87,839	19,038	42,497	1,907	6,563	995	4,991	0	11,848
70	Auburn U. all campuses	80,982	295	61,490	86	446	37	789	3,234	14,605

TABLE 38. Nonfederally financed R&D expenditures at universities and colleges, ranked by nonfederal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Nonfederal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. KS all campuses	80,425	10,628	53,110	132	2,490	69	4,487	1,232	8,277
72	Columbia U. in the City of NY	78,758	3,859	57,536	1,089	798	183	5,706	2,373	7,214
73	Emory U.	78,095	2	74,464	10	1,301	117	2,201	0	0
74	Vanderbilt U.	76,470	90	57,307	151	6,537	2,519	914	2,415	6,537
75	FL State U.	75,275	9,496	13,583	4,774	25,181	6,066	9,711	682	5,782
76	U. UT	73,280	3,157	45,371	4,008	6,097	542	1,337	0	12,768
77	OR State U.	73,020	5,628	55,917	401	1,253	39	1,676	513	7,593
78	Medical U. SC	71,998	0	71,857	0	0	0	0	0	141
79	CO State U.	71,344	15,453	37,505	1,168	2,666	376	735	6,106	7,335
80	KS State U.	71,097	394	50,684	1,053	2,166	649	2,933	2,625	10,593
81	Princeton U.	70,320	6,166	13,133	4,505	7,106	1,956	16,990	0	20,464
82	U. Central FL	70,022	7,115	3,107	9,804	22,515	360	435	8,755	17,931
83	U. CA, Santa Barbara	68,260	16,373	1,142	2,637	9,483	590	5,858	3,949	28,228
84	U. AR main campus	67,345	1,026	44,783	1,113	3,143	354	3,254	0	13,672
85	U. CA, Riverside	66,797	9,048	41,298	1,598	1,273	253	1,348	1,537	10,442
86	U. MA Amherst	66,415	1,908	19,750	9,890	11,465	2,466	2,213	860	17,863
87	U. Louisville	65,392	342	53,449	313	1,009	658	810	518	8,293
88	U. CO all campuses	64,444	6,415	40,294	1,305	5,756	1,608	1,791	98	7,177
89	U. SC all campuses	64,443	14,465	14,952	1,157	8,667	2,707	4,893	9,015	8,587
90	U. WY	63,570	6,799	36,151	824	3,679	751	2,835	7,005	5,526
91	U. Miami	63,108	10,395	51,325	0	203	380	121	0	684
92	OK State U. all campuses	62,380	865	42,797	599	3,459	453	3,825	2,899	7,483
93	Case Western Reserve U.	62,284	134	43,109	248	2,240	86	540	1,222	14,705
94	Brown U.	61,004	3,229	24,501	7,419	6,211	1,270	9,889	0	8,485
95	Dartmouth C.	59,847	570	39,931	1,914	3,296	2,466	516	5,284	5,870
96	U. TX Medical Branch	59,507	0	58,352	0	0	0	0	0	1,155
97	WV U.	58,370	2,677	42,992	504	1,926	296	2,016	245	7,714
98	ND State U. all campuses	58,360	95	45,829	135	1,179	240	4,957	3,749	2,176
99	U. MA Worcester	55,518	0	55,518	0	0	0	0	0	0
100	U. AK Fairbanks all campuses	55,140	26,254	13,207	1,784	1	0	418	9,262	4,214
101	U. TX Health Science Ctr. San Antonio	54,930	0	54,930	0	0	0	0	0	0
102	Southern IL U. Carbondale	54,412	1,578	26,655	467	892	404	1,990	3,694	18,732
103	U. NM all campuses	53,316	653	30,353	403	2,382	1,660	3,570	9,314	4,981
104	U. TX Health Science Ctr. Houston	52,284	0	52,284	0	0	0	0	0	0
105	U. Chicago	51,830	210	39,489	845	10,914	92	280	0	0
106	U. ME	51,759	7,060	25,391	1,626	2,591	934	3,688	2,157	8,312

TABLE 38. Nonfederally financed R&D expenditures at universities and colleges, ranked by nonfederal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Nonfederal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
107	VA Commonwealth U.	51,680	181	45,925	172	1,813	1,178	855	0	1,556
108	Harvard U.	49,698	1,345	30,825	0	2,954	342	11,192	0	3,040
109	OR Health & Science U.	48,970	0	27,459	3,015	0	0	0	18,496	0
110	Mt. Sinai School of Medicine	48,305	0	48,305	0	0	0	0	0	0
111	U. CA, Santa Cruz	47,736	9,569	6,788	901	20,739	1,134	3,408	259	4,938
112	U. HI Manoa	47,216	10,639	16,873	195	7,907	795	1,669	7,732	1,406
113	Medical C. WI	47,012	0	47,012	0	0	0	0	0	0
114	Wake Forest U.	43,580	0	42,517	314	573	26	150	0	0
115	UT State U.	42,428	3,572	21,762	462	512	1,362	1,563	9,335	3,860
116	NJ Institute of Technology	42,094	0	446	4,670	3,188	0	381	12,973	20,436
117	U. AR for Medical Sciences	41,744	0	41,744	0	0	0	0	0	0
118	TX A&M U. System Health Science Ctr.	40,895	0	40,763	0	0	0	65	0	67
119	U. ID	39,845	2,908	27,295	255	1,158	38	1,498	1,627	5,066
120	U. VT	39,322	172	34,595	518	525	128	83	2,136	1,165
121	George Washington U.	38,773	55	21,791	2,255	1,784	153	8,883	0	3,852
122	U. AL Birmingham, The	38,474	0	36,677	178	385	102	37	0	1,095
123	San Diego State U.	38,426	1,903	10,610	1,127	2,266	4,316	6,226	6,823	5,155
124	Rush U.	38,150	0	37,405	0	0	745	0	0	0
125	U. Houston	37,103	2,571	4,326	3,823	5,310	3,680	1,594	0	15,799
126	MT State U. Bozeman	37,066	295	29,417	427	1,289	0	1,326	1,843	2,469
127	TX Tech U.	36,313	2,967	14,213	600	3,097	170	4,600	932	9,734
128	U. LA Lafayette	35,712	185	19,000	6,274	758	1,230	899	3,767	3,599
129	Yeshiva U.	35,631	0	35,631	0	0	0	0	0	0
130	U. DE	35,345	4,439	14,177	504	2,306	853	3,147	1,491	8,428
131	U. VA all campuses	34,976	358	25,285	597	2,062	651	114	62	5,847
132	U. NV, Reno	34,441	3,564	14,606	306	709	83	1,264	11,654	2,255
133	Tufts U.	33,001	640	22,335	456	353	2,284	4,189	0	2,744
134	Northeastern U.	30,424	303	8,645	1,294	6,360	659	3,045	0	10,118
135	Tulane U.	30,345	179	28,348	253	518	47	72	0	928
136	Temple U.	28,832	34	19,253	82	1,613	4,449	2,103	0	1,298
137	U. NH	28,701	4,391	12,716	499	181	0	1,623	972	8,319
138	Uniformed Services U. of the Health Sciences	28,255	0	26,564	0	0	1,691	0	0	0
139	Drexel U.	28,188	0	13,613	1,828	478	252	0	0	12,017
140	U. Memphis, The	27,751	3,686	4,698	2,400	1,059	5,965	5,069	1,465	3,409
141	GA State U.	27,722	213	11,220	1,801	3,537	3,845	6,447	659	0
142	U. MD Biotechnology Institute	27,292	6,825	20,467	0	0	0	0	0	0

TABLE 38. Nonfederally financed R&D expenditures at universities and colleges, ranked by nonfederal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Nonfederal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
143	U. MD Ctr. for Environmental Science	27,286	27,286	0	0	0	0	0	0	0
144	Carnegie Mellon U.	27,117	88	1,039	8,441	3,156	301	1,809	252	12,031
145	Georgetown U.	26,290	0	18,024	1	228	235	7,802	0	0
146	NM Institute of Mining and Technology	25,891	28	106	58	8,272	2	0	2,315	15,110
147	Rensselaer Polytechnic Institute	25,886	236	1,197	969	2,740	170	82	0	20,492
148	U. MS all campuses	25,754	8	19,944	6	3,658	103	720	0	1,315
149	Wright State U. all campuses	25,281	254	15,567	5,076	848	487	45	172	2,832
150	Thomas Jefferson U.	24,435	0	24,435	0	0	0	0	0	0
151	MI Technological U.	24,324	2,754	789	2,022	1,988	0	765	1,077	14,929
152	U. TX Dallas	24,244	498	2,586	4,101	2,624	545	2,604	0	11,286
153	U. RI	23,798	5,901	9,949	44	6	623	3	5,442	1,830
154	C. of William and Mary all campuses	22,904	17,024	1,470	118	1,062	252	1,529	1,449	0
155	U. of Notre Dame	22,843	0	2,653	307	2,252	117	4,702	7,475	5,337
156	Old Dominion U.	22,460	1,689	3,292	2,090	4,692	1,017	2,244	36	7,400
157	Southern IL U. Edwardsville	22,432	1,008	12,055	1,913	1,182	0	1,093	2,887	2,294
158	CA Institute of Technology	21,678	1,635	6,304	232	7,310	0	240	3,624	2,333
159	U. MD Baltimore County	20,888	2,955	2,081	635	1,744	1,062	3,111	5,098	4,202
160	SD State U.	20,487	168	17,863	24	302	0	1,095	0	1,035
161	Woods Hole Oceanographic Institution	20,257	19,199	0	0	0	0	0	0	1,058
162	FL International U.	19,911	1,795	1,558	1,069	1,129	0	163	10,664	3,533
163	U. MT-Missoula, The	19,864	165	9,260	88	895	132	1,200	8,124	0
164	Medical C. GA	19,619	0	19,619	0	0	0	0	0	0
165	OH U. all campuses	18,427	591	6,064	207	3,057	659	777	0	7,072
166	U. WI Milwaukee	18,166	3,928	3,868	560	3,045	260	3,099	42	3,364
167	SUNY Binghamton	17,422	937	1,688	994	1,733	1,724	3,289	31	7,026
168	Boston C.	17,315	1,144	2,555	5,337	2,544	665	5,070	0	0
169	U. ND all campuses	17,226	1,447	2,605	27	584	110	245	1,498	10,710
170	Boston U.	17,055	505	12,353	376	772	209	291	360	2,189
171	U. Akron all campuses	17,007	55	534	193	8,023	27	3,746	0	4,429
172	Brandeis U.	15,833	0	5,188	269	1,319	362	8,695	0	0
173	Wichita State U.	15,571	28	260	6	579	923	1,187	0	12,588
174	Lehigh U.	15,221	56	344	231	1,338	19	22	0	13,211
175	Creighton U.	15,110	0	14,948	44	42	0	76	0	0
176	U. MO-Rolla	15,033	1,729	115	82	1,146	25	13	0	11,923
177	U. AL Huntsville, The	14,595	2,171	815	1,307	3,722	1	199	0	6,380
178	George Mason U.	14,470	2,489	2,599	2,649	148	1,341	3,453	0	1,791

TABLE 38. Nonfederally financed R&D expenditures at universities and colleges, ranked by nonfederal R&D expenditures for the first 200 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	Nonfederal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
179	U. NV, Las Vegas	14,259	2,080	2,624	80	500	10	1,559	3,329	4,077
180	U. Toledo	13,959	1,340	3,297	27	3,100	221	274	613	5,087
181	Eastern VA Medical School	13,614	0	13,614	0	0	0	0	0	0
182	Air Force Institute of Technology	13,571	0	0	2,739	3,002	0	0	186	7,644
183	Northern AZ U.	13,327	3,029	7,618	47	1,189	27	767	19	631
184	CUNY Hunter C.	12,836	2,885	4,393	170	1,525	1,266	2,511	86	0
185	U. TX El Paso	12,830	753	3,529	286	578	279	413	92	6,900
186	Rice U.	12,684	197	1,564	1,609	3,351	16	501	0	5,446
187	U. MA Boston	12,446	1,611	1,107	204	587	652	8,041	214	30
188	U. Dayton	12,301	85	116	93	363	16	10	464	11,154
189	TX Tech U. Health Science Ctr.	12,300	0	12,300	0	0	0	0	0	0
190	U. AL, The	12,282	708	1,126	2,797	1,220	269	1,265	979	3,918
191	Loyola U. Chicago	12,249	0	11,915	0	54	186	94	0	0
192	San Jose State U.	11,490	7,899	0	1,425	572	0	89	1,320	185
193	Miami U. all campuses	11,355	151 i	2,261 i	0 i	2,653 i	384 i	2,408 i	3,096 i	402 i
194	Syracuse U. all campuses	10,801	1,415	1,060	705	1,878	89	1,713	1	3,940
195	U. OR	10,570	572	4,615	259	2,660	750	1,099	0	615
196	U. PR Mayaguez Campus	10,435	1,421	290	1,068	728	0	206	0	6,722
197	U. TX Arlington	10,261	105	713	146	1,800	292	401	0	6,804
198	San Francisco State U.	10,078	3,380	931	13	209	311	1,916	3,318	0
199	U. MO-Kansas City	10,051	0	7,975	4	792	502	277	0	501
200	U. TX San Antonio	9,982	686	3,052	206	1,721	81	3,347	0	889
	All other sampled institutions	690,100	65,616	258,886	29,581	80,026	17,428	74,980	32,752	130,831

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$37 million in nonfederally financed R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 39. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	32,356,705	2,104,267	18,645,465	1,241,518	2,620,223	652,127	1,356,279	696,200	5,040,626
1	U. WI Madison	831,895	82,589	508,034	20,657	55,697	30,618	41,254	113	92,933
2	U. CA, Los Angeles	811,493	11,098	609,514	22,596	59,431	11,546	35,661	9,559	52,088
3	U. MI all campuses	800,488	11,285	481,245	12,410	40,860	12,474	89,913	645	151,656
4	U. CA, San Francisco	796,149	0	770,485	0	25,664	0	0	0	0
5	U. WA	778,148	92,110	541,524	6,850	33,803	10,936	17,564	0	75,361
6	U. CA, San Diego	754,766	127,469	404,236	68,181	49,841	7,886	11,690	1,983	83,480
7	OH State U. all campuses	652,329	9,336	373,349	47,055	27,687	5,971	40,519	13,492	134,920
8	PA State U. all campuses	644,182	52,793	200,986	42,942	64,166	22,776	24,533	372	235,614
9	U. MN all campuses	594,877	14,474	434,861	23,961	28,001	13,165	25,285	0	55,130
10	U. CA, Davis	573,002	26,234	425,934	11,622	24,141	1,745	21,085	3,037	59,204
11	U. FL	565,491	10,281	390,097	10,412	33,892	12,103	15,743	0	92,963
12	U. CA, Berkeley	546,035	9,996	180,737	8,627	106,207	9,501	49,930	33,162	147,875
13	U. AZ	535,847	11,388	253,309	11,547	148,625	7,329	23,450	39	80,160
14	U. Pittsburgh all campuses	530,162	1,136	458,627	6,983	19,109	7,775	3,999	11,279	21,254
15	U. CO all campuses	512,794	90,831	287,983	9,902	63,594	14,041	8,288	1,434	36,721
16	TX A&M U. all campuses	492,955	69,531	189,069	16,360	38,430	2,984	9,617	5,229	161,735
17	U. IL Urbana-Champaign	476,198	41,592	128,733	85,137	56,693	13,511	21,107	4,054	125,371
18	U. TX M. D. Anderson Cancer Ctr.	457,696	0	402,469	21,675	10,790	13,636	5,666	0	3,460
19	U. NC Chapel Hill	443,790	22,258	349,179	14,040	26,032	5,581	26,700	0	0
20	GA Institute of Technology all campuses	440,898	16,422	19,064	53,756	35,570	5,382	13,089	3,149	294,466
21	U. TX Austin	431,398	37,600	48,983	63,612	85,380	9,093	27,880	6,756	152,094
22	U. MD Baltimore	405,260	0	405,260	0	0	0	0	0	0
23	Purdue U. all campuses	372,958	6,210	175,631	12,592	22,292	4,585	18,354	15,185	118,109
24	MI State U.	358,097	1,071	222,066	8,678	55,319	6,818	34,646	980	28,519
25	IN U. all campuses	355,004	4,671	227,786	15,887	46,233	15,732	31,397	8,427	4,871
26	U. MD College Park	354,244	13,893	60,333	43,461	60,990	4,310	82,936	0	88,321
27	U. IA	346,357	2,009	274,029	2,796	18,338	8,392	6,214	508	34,071
28	LA State U. all campuses	343,775	33,023	219,906	5,172	24,378	1,807	7,265	12,385	39,839
29	U. NE all campuses	333,243	4,470	221,599	11,871	15,446	11,663	15,450	19,042	33,702
30	U. TX Southwestern Medical Ctr. Dallas	333,237	0	333,237	0	0	0	0	0	0
31	U. IL Chicago	332,176	1,369	257,615	15,072	12,700	6,562	11,004	8,245	19,609
32	U. AL Birmingham, The	331,436	0	312,118	981	3,664	6,173	477	0	8,023
33	NC State U.	330,936	13,223	162,953	17,005	22,189	11	10,406	9,083	96,066
34	U. KY all campuses	323,958	5,010	230,681	10,065	9,630	7,870	7,870	8,596	44,236
35	U. GA	323,843	14,521	224,426	9,396	16,439	13,617	37,944	0	7,500

TABLE 39. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	VA Polytechnic Institute and State U.	321,722	5,876	150,604	12,254	14,150	2,276	8,278	935	127,349
37	Rutgers, The State U. NJ all campuses	308,204	28,649	154,884	19,203	39,420	12,717	26,160	1,926	25,245
38	U. CA, Irvine	300,229	5,689	194,827	15,014	31,837	4,380	10,248	3,012	35,222
39	SUNY Buffalo all campuses	297,909	1,774	212,496	11,449	14,339	6,291	3,374	353	47,833
40	U. Cincinnati all campuses	294,150	929	251,055	585	7,863	1,900	3,534	1,301	26,983
41	U. South FL	285,941	32,230	193,977	773	5,857	7,631	8,868	827	35,778
42	SUNY Albany	274,354	6,760	96,729	3,067	52,626	1,649	10,975	0	102,548
43	OR Health & Science U.	272,174	0	236,976	16,702	0	0	0	18,496	0
44	CO State U.	253,992	84,894	110,143	5,847	11,904	3,330	3,420	9,366	25,088
45	U. HI Manoa	249,635	60,612	83,980	21,252	40,300	858	6,740	24,454	11,439
46	U. TN all campuses	249,067	4,791	141,376	10,114	15,961	350	11,514	16,473	48,488
47	U. UT	248,168	8,129	165,066	16,496	20,635	2,709	1,924	0	33,209
48	U. of Medicine and Dentistry NJ	245,771	0	245,771	0	0	0	0	0	0
49	U. VA all campuses	238,754	3,875	168,222	7,187	15,556	6,880	618	734	35,682
50	SUNY Stony Brook all campuses	234,635	22,512	97,924	15,237	43,463	7,475	3,939	20,597	23,488
51	IA State U.	221,998	6,422	111,494	16,096	11,010	1,008	18,430	5,812	51,726
52	Wayne State U.	220,731	109	177,619	2,215	13,411	4,713	6,028	1,531	15,105
53	U. MO-Columbia	215,240	1,909	169,710	3,461	6,385	7,246	10,657	0	15,872
54	U. CT all campuses	215,184	8,869	154,635	4,496	8,349	14,625	6,352	172	17,686
55	AZ State U. main campus	201,955	12,277	46,523	16,367	19,051	10,821	19,957	5,480	71,479
56	WA State U.	196,391	1,595	124,270	1,068	16,213	1,101	15,948	11,605	24,591
57	U. KS all campuses	195,947	15,204	137,286	1,227	11,660	1,125	10,417	2,144	16,884
58	U. MA Worcester	191,659	0	191,659	0	0	0	0	0	0
59	MS State U.	189,917	5,017	98,183	10,369	11,262	7,805	4,948	4,521	47,812
60	OR State U.	189,606	40,829	108,074	6,038	4,290	156	2,773	3,539	23,907
61	FL State U.	185,633	25,531	30,403	10,915	53,752	15,108	16,481	682	32,761
62	U. NM all campuses	181,223	4,453	109,570	5,055	16,955	10,470	6,108	12,218	16,394
63	U. TX Medical Branch	179,915	0	177,365	0	0	0	0	0	2,550
64	Clemson U.	179,840	0	52,287	13,044	10,376	1,275	11,957	9,592	81,309
65	U. OK all campuses	178,719	33,264	101,346	2,995	12,177	2,161	7,334	0	19,442
66	Medical U. SC	176,055	0	175,914	0	0	0	0	0	141
67	U. TX Health Science Ctr. Houston	175,154	0	175,154	0	0	0	0	0	0
68	U. CA, Santa Barbara	174,429	29,108	5,737	11,824	30,624	3,760	7,565	8,888	76,923
69	NM State U. all campuses	169,029	2,463	39,424	2,024	12,290	1,567	2,350	4,030	104,881
70	U. SC all campuses	153,737	32,413	40,297	4,652	17,956	12,118	9,586	11,630	25,085

TABLE 39. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. AK Fairbanks all campuses	153,470	80,804	33,673	6,216	2	274	894	12,414	19,193
72	U. TX Health Science Ctr. San Antonio	150,040	0	150,040	0	0	0	0	0	0
73	VA Commonwealth U.	149,256	629	130,067	1,010	6,356	4,161	1,705	0	5,328
74	UT State U.	138,670	8,968	51,247	1,340	3,164	3,637	3,070	11,394	55,850
75	U. MA Amherst	136,057	4,938	42,797	20,385	29,363	5,977	3,434	862	28,301
76	U. Louisville	135,873	583	108,833	919	3,342	4,348	1,298	530	16,020
77	U. CA Office of the President	128,770	14,439	54,580	2,243	19,053	0	170	37,981	304
78	Auburn U. all campuses	126,522	1,593	80,290	272	4,257	586	2,090	4,637	32,797
79	U. CA, Riverside	124,820	13,679	64,407	3,238	9,258	1,834	2,145	1,538	28,721
80	KS State U.	123,746	725	79,617	2,712	8,053	931	4,241	8,630	18,837
81	WV U.	122,134	7,374	79,957	1,142	5,211	419	2,714	294	25,023
82	U. VT	121,841	539	107,137	1,388	1,372	1,770	288	7,082	2,265
83	U. NH	115,117	55,726	24,281	961	4,264	81	4,846	1,991	22,967
84	U. DE	114,985	12,532	28,596	2,941	14,558	3,729	6,567	6,489	39,573
85	U. CA, Santa Cruz	114,126	20,173	14,785	2,775	37,970	1,725	4,266	259	32,173
86	MT State U. Bozeman	112,428	1,955	71,686	1,302	15,117	0	2,716	6,803	12,849
87	U. Central FL	107,996	14,513	4,945	10,162	34,009	1,579	1,257	12,645	28,886
88	U. AR for Medical Sciences	107,871	0	107,871	0	0	0	0	0	0
89	ND State U. all campuses	103,778	248	58,219	731	14,355	3,248	11,598	4,822	10,557
90	OK State U. all campuses	100,323	1,385	60,369	995	6,285	626	5,260	6,156	19,247
91	U. AR main campus	99,271	2,343	59,420	1,287	10,322	401	3,822	0	21,676
92	U. NV, Reno	98,917	10,074	47,284	1,230	13,952	633	1,949	12,135	11,660
93	U. MS all campuses	93,471	317	64,905	63	18,884	103	886	0	8,313
94	U. ME	93,153	20,470	37,181	1,861	4,658	1,366	7,731	4,980	14,906
95	U. WY	89,414	11,328	51,003	1,084	5,991	1,050	3,660	7,886	7,412
96	U. ID	86,863	4,970	55,712	1,478	3,491	65	2,435	3,076	15,636
97	Temple U.	79,736	198	56,304	923	5,570	10,992	2,797	0	2,952
98	NJ Institute of Technology	77,583	0	446	8,231	10,274	0	480	18,211	39,941
99	TX A&M U. System Health Science Ctr.	76,109	1,056	74,132	0	0	72	86	0	763
100	U. Houston	75,662	4,002	16,310	7,781	9,100	9,998	4,510	0	23,961
101	Southern IL U. Carbondale	74,520	2,344	40,662	584	1,410	1,157	2,940	5,762	19,661
102	NM Institute of Mining and Technology	73,792	72	249	879	21,777	2	0	5,619	45,194
103	San Diego State U.	73,777	3,931	27,140	1,728	3,942	9,268	7,038	6,871	13,859
104	U. RI	70,696	26,121	23,481	686	623	2,072	35	11,986	5,692
105	Uniformed Services U. of the Health Sciences	67,716	0	63,175	0	0	4,541	0	0	0
106	FL International U.	65,805	5,364	12,041	4,313	9,907	1,216	4,600	10,664	17,700

TABLE 39. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
107	U. MD Baltimore County	65,718	22,118	10,110	2,956	5,599	2,177	6,226	6,172	10,360
108	Medical C. GA	61,174	0	61,174	0	0	0	0	0	0
109	U. MD Biotechnology Institute	59,297	12,285	47,012	0	0	0	0	0	0
110	U. AL Huntsville, The	59,231	8,898	1,651	8,939	10,891	25	691	0	28,136
111	TX Tech U.	58,591	6,454	19,690	1,681	5,873	564	7,176	951	16,202
112	U. OR	57,153	2,391	26,700	4,060	10,360	7,854	5,037	0	751
113	U. NV, Las Vegas	57,031	18,069	10,531	905	5,989	107	2,199	3,329	15,902
114	Naval Postgraduate School	56,780	14,604	0	7,896	5,047	0	3,061	13,653	12,519
115	U. ND all campuses	56,074	8,745	15,649	30	1,673	213	248	1,732	27,784
116	U. MT-Missoula, The	52,903	907	35,129	1,366	4,558	661	2,158	8,124	0
117	GA State U.	52,690	299	19,700	2,196	7,668	11,747	10,421	659	0
118	C. of William and Mary all campuses	52,025	34,649	2,802	1,370	5,707	469	2,459	4,569	0
119	George Mason U.	50,381	12,601	8,869	11,924	690	3,410	7,122	0	5,765
120	Old Dominion U.	49,966	4,731	5,273	3,571	7,500	2,029	2,835	36	23,991
121	Wright State U. all campuses	47,711	565	30,574	6,810	2,257	1,244	55	172	6,034
122	U. LA Lafayette	47,308	194	26,583	7,012	782	1,632	1,241	5,378	4,486
123	U. TX Dallas	44,198	678	5,433	6,764	9,253	3,698	3,346	0	15,026
124	U. Memphis, The	43,715	4,902	6,791	3,416	1,364	11,815	8,642	1,465	5,320
125	MI Technological U.	43,081	8,238	872	2,896	3,416	0	926	1,107	25,626
126	U. MD Ctr. for Environmental Science	40,146	40,146	0	0	0	0	0	0	0
127	U. Southern MS	39,163	14,362	8,742	276	9,907	244	457	3,862	1,313
128	Desert Research Institute	38,511	35,776	1,023	0	0	0	1,191	521	0
129	U. PR Medical Sciences Campus	38,424	0	38,424	0	0	0	0	0	0
130	Jackson State U.	38,273	5,065	11,047	4,504	4,770	771	308	8,827	2,981
131	OH U. all campuses	38,000	950	10,270	309	6,576	1,830	1,486	0	16,579
132	U. MO-Rolla	37,384	4,577	714	204	3,909	25	23	0	27,932
133	SUNY Upstate Medical U.	37,181	0	37,181	0	0	0	0	0	0
134	U. AL, The	35,129	1,612	3,860	6,534	3,489	2,083	1,955	998	14,598
135	San Jose State U.	34,687	17,949	482	1,733	2,143	8,471	286	1,415	2,208
136	FL A&M U.	34,293	4,236	20,206	980	3,962	83	0	399	4,427
137	U. WI Milwaukee	34,033	7,466	6,388	1,574	6,403	958	6,071	42	5,131
138	SD State U.	33,275	486	27,454	46	762	0	1,683	32	2,812
139	U. TX El Paso	32,161	3,484	11,061	2,197	3,025	1,241	1,112	92	9,949
140	Wichita State U.	31,873	42	1,303	241	1,954	2,622	3,827	0	21,884
141	CUNY Hunter C.	31,308	2,905	11,469	464	7,977	5,556	2,851	86	0
142	SUNY Health Science Ctr. Brooklyn	31,064	0	31,064	0	0	0	0	0	0

TABLE 39. R&D expenditures at public universities and colleges, ranked by all R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
143	U. Toledo	30,493	3,105	7,285	39	6,393	366	717	613	11,975
144	U. TX San Antonio	30,259	1,140	15,127	3,240	2,781	195	4,861	0	2,915
145	SUNY Binghamton	29,635	1,349	2,701	1,654	3,111	4,404	5,129	31	11,256
146	U. TX Arlington	29,267	337	1,459	445	6,669	1,636	764	0	17,957
147	FL Atlantic U.	28,896	1,004	8,269	2,614	4,507	646	878	0	10,978
148	Portland State U.	28,763	3,873	6,041	3,869	2,382	459	6,488	1,031	4,620
149	CO School of Mines	28,729	1,759	0	166	5,834	0	25	5,906	15,039
150	CUNY The City C.	28,593	167	6,517	787	9,800	369	251	0	10,702
	All other sampled institutions	1,335,646	133,680	542,955	64,663	188,449	35,564	117,126	56,209	197,000

nec = not elsewhere classified.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 40. Federally financed R&D expenditures at public universities and colleges, ranked by federal R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	18,464,218	1,357,804	10,752,894	775,774	1,691,465	449,172	551,147	226,931	2,659,031
1	U. WA	650,394	80,943	459,070	6,283	28,350	9,929	6,500	0	59,319
2	U. MI all campuses	565,739	7,830	350,492	8,682	28,068	10,451	53,336	64	106,816
3	U. WI Madison	491,810	70,513	260,761	15,838	39,819	24,208	21,273	0	59,398
4	U. CA, Los Angeles	483,873	8,569	364,636	17,528	45,676	9,035	6,507	2,542	29,380
5	U. CA, San Francisco	464,660	0	444,698	0	19,962	0	0	0	0
6	U. CA, San Diego	463,807	72,956	260,853	45,783	36,137	5,628	4,854	613	36,983
7	U. CO all campuses	448,350	84,416	247,689	8,597	57,838	12,433	6,497	1,336	29,544
8	U. Pittsburgh all campuses	422,316	986	367,021	5,814	15,179	6,831	3,254	8,422	14,809
9	PA State U. all campuses	367,215	26,000	97,055	31,201	39,700	14,108	9,787	128	149,236
10	U. NC Chapel Hill	329,215	13,643	263,026	11,156	19,346	4,704	17,340	0	0
11	U. MN all campuses	326,170	6,928	237,882	15,707	20,712	8,192	9,952	0	26,797
12	OH State U. all campuses	315,914	6,396	187,241	23,055	18,050	4,492	26,644	5,157	44,879
13	U. AZ	301,619	6,885	156,591	8,076	89,270	3,470	11,139	0	26,188
14	U. AL Birmingham, The	292,962	0	275,441	803	3,279	6,071	440	0	6,928
15	U. TX Austin	273,147	12,917	34,844	46,313	60,258	8,141	12,565	4,596	93,513
16	U. IL Urbana-Champaign	264,645	19,022	60,503	58,080	38,668	9,115	5,735	2,075	71,447
17	U. CA, Berkeley	261,718	5,935	93,070	6,673	76,542	5,758	8,019	9,441	56,280
18	GA Institute of Technology all campuses	257,751	10,973	7,369	33,019	18,346	2,473	3,200	1,616	180,755
19	U. FL	248,322	7,224	153,294	6,860	24,585	7,214	3,096	0	46,049
20	U. CA, Davis	248,190	5,998	191,690	7,257	16,558	847	2,634	1,170	22,036
21	OR Health & Science U.	223,204	0	209,517	13,687	0	0	0	0	0
22	U. IA	216,521	682	178,554	2,143	13,350	7,097	1,156	0	13,539
23	U. MD College Park	209,764	11,791	23,798	25,147	42,273	4,019	48,459	0	54,277
24	TX A&M U. all campuses	206,242	44,817	68,845	12,063	18,786	2,058	2,553	931	56,189
25	U. IL Chicago	203,875	1,125	166,255	6,484	8,386	4,177	4,792	2,316	10,340
26	U. VA all campuses	203,778	3,517	142,937	6,590	13,494	6,229	504	672	29,835
27	U. HI Manoa	202,419	49,973	67,107	21,057	32,393	63	5,071	16,722	10,033
28	U. Cincinnati all campuses	201,742	201	183,113	105	4,608	779	913	0	12,023
29	U. TX Southwestern Medical Ctr. Dallas	196,621	0	196,621	0	0	0	0	0	0
30	U. MD Baltimore	186,160	0	186,160	0	0	0	0	0	0
31	CO State U.	182,648	69,441	72,638	4,679	9,238	2,954	2,685	3,260	17,753
32	U. TX M. D. Anderson Cancer Ctr.	182,028	0	159,072	5,553	5,799	6,637	3,070	0	1,897
33	U. UT	174,888	4,972	119,695	12,488	14,538	2,167	587	0	20,441
34	IN U. all campuses	170,635	2,527	125,032	8,967	15,118	9,415	7,467	149	1,960
35	U. CA, Irvine	169,983	3,577	117,963	8,580	20,070	2,487	3,269	0	14,037

TABLE 40. Federally financed R&D expenditures at public universities and colleges, ranked by federal R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	MI State U.	169,116	602	98,536	5,461	36,304	3,773	13,127	26	11,287
37	Purdue U. all campuses	157,438	4,103	67,771	7,964	15,655	3,534	4,518	5,992	47,901
38	U. South FL	153,737	20,657	103,811	94	3,139	4,496	3,380	700	17,460
39	SUNY Buffalo all campuses	153,152	1,054	111,487	5,996	7,208	2,946	964	0	23,497
40	U. KY all campuses	151,238	2,914	103,402	7,164	5,861	6,441	2,144	3,404	19,908
41	U. of Medicine and Dentistry NJ	140,923	0	140,923	0	0	0	0	0	0
42	U. NE all campuses	139,113	3,073	91,891	5,932	7,412	6,688	5,026	3,322	15,769
43	U. MA Worcester	136,141	0	136,141	0	0	0	0	0	0
44	NC State U.	131,262	7,495	47,805	9,998	14,044	0	3,680	2,631	45,609
45	Rutgers, The State U. NJ all campuses	129,456	11,985	62,889	9,916	24,322	4,063	5,802	0	10,479
46	U. NM all campuses	127,907	3,800	79,217	4,652	14,573	8,810	2,538	2,904	11,413
47	LA State U. all campuses	126,545	8,683	92,563	1,959	13,224	656	1,926	161	7,373
48	U. CT all campuses	124,837	5,834	85,117	2,235	6,307	11,849	3,121	93	10,281
49	U. TX Health Science Ctr. Houston	122,870	0	122,870	0	0	0	0	0	0
50	U. TX Medical Branch	120,408	0	119,013	0	0	0	0	0	1,395
51	VA Polytechnic Institute and State U.	119,994	2,887	49,798	4,967	7,618	1,196	2,708	51	50,769
52	Wayne State U.	118,042	35	94,796	1,308	8,745	2,922	1,822	0	8,414
53	OR State U.	116,586	35,201	52,157	5,637	3,037	117	1,097	3,026	16,314
54	U. KS all campuses	115,522	4,576	84,176	1,095	9,170	1,056	5,930	912	8,607
55	U. TN all campuses	113,559	2,001	70,276	5,413	11,026	227	1,540	3,492	19,584
56	SUNY Stony Brook all campuses	112,973	13,695	58,733	6,105	18,967	4,085	1,028	17	10,343
57	FL State U.	110,358	16,035	16,820	6,141	28,571	9,042	6,770	0	26,979
58	AZ State U. main campus	109,893	11,498	26,146	7,780	13,426	8,907	8,016	1,696	32,424
59	U. CA, Santa Barbara	106,169	12,735	4,595	9,187	21,141	3,170	1,707	4,939	48,695
60	IA State U.	104,553	4,412	45,623	7,800	7,065	354	12,074	322	26,903
61	Medical U. SC	104,057	0	104,057	0	0	0	0	0	0
62	SUNY Albany	103,835	3,571	88,253	1,691	2,330	1,412	4,166	0	2,412
63	U. MO-Columbia	101,732	1,158	75,695	2,911	4,724	4,912	4,642	0	7,690
64	U. AK Fairbanks all campuses	98,330	54,550	20,466	4,432	1	274	476	3,152	14,979
65	VA Commonwealth U.	97,576	448	84,142	838	4,543	2,983	850	0	3,772
66	UT State U.	96,242	5,396	29,485	878	2,652	2,275	1,507	2,059	51,990
67	U. TX Health Science Ctr. San Antonio	95,110	0	95,110	0	0	0	0	0	0
68	MS State U.	94,073	4,230	35,967	6,108	5,948	6,105	1,301	3,422	30,992
69	U. GA	92,652	4,167	71,076	1,923	5,355	6,921	2,098	0	1,112
70	U. OK all campuses	90,880	14,226	58,849	1,088	5,614	1,166	2,343	0	7,594

TABLE 40. Federally financed R&D expenditures at public universities and colleges, ranked by federal R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. SC all campuses	89,294	17,948	25,345	3,495	9,289	9,411	4,693	2,615	16,498
72	U. NH	86,416	51,335	11,565	462	4,083	81	3,223	1,019	14,648
73	U. VT	82,519	367	72,542	870	847	1,642	205	4,946	1,100
74	WA State U.	81,324	739	46,776	305	12,217	481	4,594	2,736	13,476
75	U. DE	79,640	8,093	14,419	2,437	12,252	2,876	3,420	4,998	31,145
76	MT State U. Bozeman	75,362	1,660	42,269	875	13,828	0	1,390	4,960	10,380
77	U. Louisville	70,481	241	55,384	606	2,333	3,690	488	12	7,727
78	U. MA Amherst	69,642	3,030	23,047	10,495	17,898	3,511	1,221	2	10,438
79	U. MS all campuses	67,717	309	44,961	57	15,226	0	166	0	6,998
80	U. CA, Santa Cruz	66,390	10,604	7,997	1,874	17,231	591	858	0	27,235
81	U. AR for Medical Sciences	66,127	0	66,127	0	0	0	0	0	0
82	U. NV, Reno	64,476	6,510	32,678	924	13,243	550	685	481	9,405
83	WV U.	63,764	4,697	36,965	638	3,285	123	698	49	17,309
84	U. CA, Riverside	58,023	4,631	23,109	1,640	7,985	1,581	797	1	18,279
85	Clemson U.	56,268	0	14,138	1,503	5,038	794	4,242	206	30,347
86	NM State U. all campuses	55,801	825	14,071	1,566	7,491	1,266	1,748	468	28,366
87	Naval Postgraduate School	54,528	13,899	0	7,771	4,781	0	3,059	13,297	11,721
88	KS State U.	52,649	331	28,933	1,659	5,887	282	1,308	6,005	8,244
89	Temple U.	50,904	164	37,051	841	3,957	6,543	694	0	1,654
90	NM Institute of Mining and Technology	47,901	44	143	821	13,505	0	0	3,304	30,084
91	U. ID	47,018	2,062	28,417	1,223	2,333	27	937	1,449	10,570
92	U. RI	46,898	20,220	13,532	642	617	1,449	32	6,544	3,862
93	U. OR	46,583	1,819	22,085	3,801	7,700	7,104	3,938	0	136
94	FL International U.	45,894	3,569	10,483	3,244	8,778	1,216	4,437	0	14,167
95	Auburn U. all campuses	45,540	1,298	18,800	186	3,811	549	1,301	1,403	18,192
96	ND State U. all campuses	45,418	153	12,390	596	13,176	3,008	6,641	1,073	8,381
97	U. MD Baltimore County	44,830	19,163	8,029	2,321	3,855	1,115	3,115	1,074	6,158
98	U. AL Huntsville, The	44,636	6,727	836	7,632	7,169	24	492	0	21,756
99	U. NV, Las Vegas	42,772	15,989	7,907	825	5,489	97	640	0	11,825
100	Medical C. GA	41,555	0	41,555	0	0	0	0	0	0
101	U. ME	41,394	13,410	11,790	235	2,067	432	4,043	2,823	6,594
102	Uniformed Services U. of the Health Sciences	39,461	0	36,611	0	0	2,850	0	0	0
103	U. ND all campuses	38,848	7,298	13,044	3	1,089	103	3	234	17,074
104	U. Houston	38,559	1,431	11,984	3,958	3,790	6,318	2,916	0	8,162
105	U. Central FL	37,974	7,398	1,838	358	11,494	1,219	822	3,890	10,955
106	OK State U. all campuses	37,943	520	17,572	396	2,826	173	1,435	3,257	11,764

TABLE 40. Federally financed R&D expenditures at public universities and colleges, ranked by federal R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
107	George Mason U.	35,911	10,112	6,270	9,275	542	2,069	3,669	0	3,974
108	NJ Institute of Technology	35,489	0	0	3,561	7,086	0	99	5,238	19,505
109	San Diego State U.	35,351	2,028	16,530	601	1,676	4,952	812	48	8,704
110	TX A&M U. System Health Science Ctr.	35,214	1,056	33,369	0	0	72	21	0	696
111	U. Southern MS	34,577	13,456	8,221	270	7,312	194	384	3,675	1,065
112	U. MT-Missoula, The	33,039	742	25,869	1,278	3,663	529	958	0	0
113	U. MD Biotechnology Institute	32,005	5,460	26,545	0	0	0	0	0	0
114	U. AR main campus	31,926	1,317	14,637	174	7,179	47	568	0	8,004
115	U. PR Medical Sciences Campus	31,199	0	31,199	0	0	0	0	0	0
116	Jackson State U.	30,783	4,074	8,885	3,623	3,836	620	248	7,100	2,397
117	Desert Research Institute	30,407	27,838	869	0	0	0	1,179	521	0
118	C. of William and Mary all campuses	29,121	17,625	1,332	1,252	4,645	217	930	3,120	0
119	Old Dominion U.	27,506	3,042	1,981	1,481	2,808	1,012	591	0	16,591
120	SUNY Upstate Medical U.	27,247	0	27,247	0	0	0	0	0	0
121	U. WY	25,844	4,529	14,852	260	2,312	299	825	881	1,886
122	SUNY Health Science Ctr. Brooklyn	25,184	0	25,184	0	0	0	0	0	0
123	GA State U.	24,968	86	8,480	395	4,131	7,902	3,974	0	0
124	FL A&M U.	24,902	3,797	14,438	183	3,483	11	0	81	2,909
125	San Jose State U.	23,197	10,050	482	308	1,571	8,471	197	95	2,023
126	U. AL, The	22,847	904	2,734	3,737	2,269	1,814	690	19	10,680
127	Wright State U. all campuses	22,430	311	15,007	1,734	1,409	757	10	0	3,202
128	U. MO-Rolla	22,351	2,848	599	122	2,763	0	10	0	16,009
129	TX Tech U.	22,278	3,487	5,477	1,081	2,776	394	2,576	19	6,468
130	CUNY The City C.	21,408	144	6,015	673	7,090	331	0	0	7,155
131	CO School of Mines	20,543	635	0	166	3,862	0	20	5,868	9,992
132	U. TX San Antonio	20,277	454	12,075	3,034	1,060	114	1,514	0	2,026
133	Southern IL U. Carbondale	20,108	766	14,007	117	518	753	950	2,068	929
134	U. TX Dallas	19,954	180	2,847	2,663	6,629	3,153	742	0	3,740
135	FL Atlantic U.	19,952	556	5,368	1,785	1,879	508	0	0	9,856
136	OH U. all campuses	19,573	359	4,206	102	3,519	1,171	709	0	9,507
137	U. TX El Paso	19,331	2,731	7,532	1,911	2,447	962	699	0	3,049
138	U. North TX Health Science Ctr. Ft. Worth	19,183	0	19,183	0	0	0	0	0	0
139	U. TX Arlington	19,006	232	746	299	4,869	1,344	363	0	11,153
140	Portland State U.	18,797	2,908	4,891	3,078	1,327	376	3,924	0	2,293
141	MI Technological U.	18,757	5,484	83	874	1,428	0	161	30	10,697
142	U. MA Lowell	18,741	3,440	2,655	516	6,533	108	899	43	4,547

TABLE 40. Federally financed R&D expenditures at public universities and colleges, ranked by federal R&D expenditures for the first 150 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
143	CUNY Hunter C.	18,472	20	7,076	294	6,452	4,290	340	0	0
144	U. SD	17,308	20	16,171	38	665	244	170	0	0
145	San Francisco State U.	17,255	4,227	5,940	1,293	2,745	1,583	1,063	240	164
146	U. PR Rio Piedras Campus	16,881	947	2,727	618	11,128	1,300	50	111	0
147	U. Toledo	16,534	1,765	3,988	12	3,293	145	443	0	6,888
148	Wichita State U.	16,302	14	1,043	235	1,375	1,699	2,640	0	9,296
149	U. MO-Kansas City	15,965	0	12,789	159	962	1,475	107	0	473
150	U. Memphis, The	15,964	1,216	2,093	1,016	305	5,850	3,573	0	1,911
	All other sampled institutions	790,978	90,682	316,670	42,356	116,970	23,738	51,199	27,397	121,966

nec = not elsewhere classified.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 41. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	15,403,697	497,726	10,185,743	726,313	1,203,139	222,704	347,086	185,430	2,035,556
1	Johns Hopkins U., The ^a	1,499,977	40,256	702,207	97,431	140,183	7,674	5,051	39,945	467,230
2	Stanford U.	679,196	19,803	389,093	29,549	73,010	6,701	12,352	0	148,688
3	U. PA	676,052	760	546,624	10,808	33,236	6,267	30,809	14,769	32,779
4	Duke U.	657,080	13,530	553,834	10,614	17,594	3,004	23,312	0	35,192
5	Cornell U. all campuses	648,802	6,383	411,148	31,825	89,517	5,875	26,863	0	77,191
6	MA Institute of Technology	600,748	27,267	172,631	53,872	98,367	1,263	7,098	20,207	220,043
7	Washington U. St. Louis	547,674	4,927	490,846	8,020	16,880	5,948	5,985	43	15,025
8	Columbia U. in the City of NY	529,945	57,799	367,877	10,850	34,271	3,053	14,344	4,229	37,522
9	Baylor C. of Medicine	462,375	0	462,375	0	0	0	0	0	0
10	Yale U.	460,075	4,785	402,060	6,283	21,867	7,847	3,890	0	13,343
11	Harvard U.	453,156	26,616	312,303	3,666	57,415	7,660	22,645	0	22,851
12	U. Southern CA	450,173	18,225	256,515	100,879	9,336	5,341	7,715	2,715	49,447
13	Northwestern U.	419,985	3,690	300,157	3,642	25,473	3,733	7,936	10,563	64,791
14	Vanderbilt U.	376,893	431	303,452	1,186	20,719	10,606	4,137	2,938	33,424
15	Case Western Reserve U.	369,264	685	312,695	1,953	8,872	870	1,976	1,891	40,322
16	Scripps Research Institute, The	367,375	0	367,375	0	0	0	0	0	0
17	U. Rochester	366,658	914	234,547	2,936	12,137	14,556	459	1,308	99,801
18	Emory U.	345,989	2	330,039	604	10,627	2,008	2,709	0	0
19	U. Chicago	305,301	4,848	216,635	22,033	49,120	7,304	5,361	0	0
20	NY U.	284,164	0	229,797	12,874	13,765	14,589	10,832	2,307	0
21	Mt. Sinai School of Medicine	273,216	0	273,216	0	0	0	0	0	0
22	CA Institute of Technology	270,269	16,357	44,259	11,301	148,686	0	1,339	11,463	36,864
23	Boston U.	255,615	4,857	169,662	3,702	24,799	7,687	1,337	18,599	24,972
24	Rockefeller U.	215,417	0	198,779	7,745	8,893	0	0	0	0
25	U. Miami	213,516	49,485	147,260	510	2,404	8,316	2,368	0	3,173
26	Carnegie Mellon U.	212,506	929	5,767	120,498	12,034	5,454	8,656	2,344	56,824
27	Dartmouth C.	200,277	1,260	140,264	5,576	6,938	7,967	910	16,555	20,807
28	Yeshiva U.	189,416	0	189,416	0	0	0	0	0	0
29	Princeton U.	188,165	17,909	38,653	14,375	28,357	8,854	24,469	0	55,548
30	Wake Forest U.	183,129	0	178,074	590	3,945	292	228	0	0
31	Brown U.	157,926	7,998	82,681	17,174	13,546	2,560	12,937	0	21,030
32	Medical C. WI	147,140	0	147,140	0	0	0	0	0	0
33	Tufts U.	128,965	864	101,279	1,893	4,542	4,966	4,472	0	10,949
34	Woods Hole Oceanographic Institution	121,888	100,258	0	0	0	0	0	0	21,630
35	Georgetown U.	118,558	0	105,029	157	3,278	1,386	8,708	0	0

TABLE 41. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	Tulane U.	114,397	498	101,539	1,572	1,987	265	3,251	0	5,285
37	George Washington U.	113,982	117	44,856	41,325	4,094	1,820	11,842	23	9,905
38	Thomas Jefferson U.	106,986	0	106,986	0	0	0	0	0	0
39	Drexel U.	96,687	0	48,341	7,149	3,150	1,314	0	0	36,733
40	Rush U.	83,194	0	81,159	0	0	2,035	0	0	0
41	U. of Notre Dame	78,553	0	14,692	4,798	19,026	4,756	6,793	12,538	15,950
42	Rensselaer Polytechnic Institute	70,576	1,545	3,573	6,115	9,094	1,572	435	0	48,242
43	U. Dayton	69,080	118	1,437	703	543	16	10	464	65,789
44	Rice U.	66,564	2,096	10,546	13,688	16,089	743	1,205	0	22,197
45	Northeastern U.	66,495	425	17,354	2,764	13,189	2,373	3,496	0	26,894
46	Brandeis U.	57,017	0	27,465	1,923	8,408	2,972	16,249	0	0
47	St. Louis U. all campuses	48,133	913	46,044	174	669	14	22	59	238
48	Charles R. Drew U. of Medicine and Science	47,188	0	47,188	0	0	0	0	0	0
49	Loyola U. Chicago	37,669	0	35,999	35	239	508	186	702	0
50	Howard U.	36,465	0	25,284	173	2,809	120	898	2,380	4,801
51	Syracuse U. all campuses	36,100	3,267	2,748	4,342	6,173	4,644	2,673	21	12,232
52	Boston C.	35,659	7,432	4,885	5,937	8,377	1,136	7,892	0	0
53	NY Medical C.	34,397	0	34,397	0	0	0	0	0	0
54	Lehigh U.	33,469	1,055	2,255	1,459	4,297	355	31	0	24,017
55	Eastern VA Medical School	33,013	0	33,013	0	0	0	0	0	0
56	Meharry Medical C.	32,878	0	32,878	0	0	0	0	0	0
57	Loma Linda U.	32,451	0	32,234	0	0	0	217	0	0
58	Hampton U.	28,705	16,791	2,405	219	5,133	0	0	2,985	1,172
59	Morehouse School of Medicine	28,378	0	28,378	0	0	0	0	0	0
60	Brigham Young U. all campuses	25,973	342	7,189	1,169	4,617	620	1,209	0	10,827
61	Stevens Institute of Technology	25,848	4,671	338	2,930	1,094	0	0	1,730	15,085
62	Creighton U.	25,615	96	24,782	45	573	43	76	0	0
63	IL Institute of Technology	22,646	0	7,549	2,253	3,754	1,024	0	0	8,066
64	Rochester Institute of Technology	22,107	1,250	1,962	382	8,469	69	602	0	9,373
65	Mercer U. all campuses	19,529	0	4,420	0	119	0	41	0	14,949
66	Catholic U. America, The	17,662	0	1,502	0	14,026	492	179	7	1,456
67	Albany Medical C.	16,227	0	16,227	0	0	0	0	0	0
68	Clarkson U.	16,143	0	826	415	3,887	4	28	0	10,983
69	Worcester Polytechnic Institute	14,483	0	434	2,129	934	0	267	0	10,719
70	Polytechnic U.	14,479	0	0	2,734	2,400	0	145	0	9,200

TABLE 41. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	Embry-Riddle Aeronautical U.	13,957 i	1,343 i	0 i	336 i	56 i	72 i	72 i	3,305 i	8,773 i
72	Southern Methodist U.	12,475	2,821	2,207	1,293	2,087	1,215	587	329	1,936
73	U. Tulsa	12,358	195	884	3,369	947	470	423	0	6,070
74	Tuskegee U.	11,651	0	7,923	0	233	0	2,330	0	1,165
75	Teachers C. Columbia U.	11,411	0	2,959	100	0	4,032	4,320	0	0
76	Clark Atlanta U.	11,155	0	3,452	1,214	4,326	99	473	795	796
77	Rosalind Franklin U. of Medicine and Science	10,981	0	10,963	0	0	18	0	0	0
78	U. Denver	10,581	12	2,788	56	2,895	2,124	190	0	2,516
79	Marquette U.	10,445	0	4,720	445	1,318	192	146	0	3,624
80	Universidad Central del Caribe	8,790	0	8,790	0	0	0	0	0	0
81	Duquesne U.	8,345	0	5,327	351	2,522	0	145	0	0
82	Wesleyan U.	8,170	439	3,724	172	2,433	995	407	0	0
83	FL Institute of Technology	7,684	1,064	1,296	942	2,404	135	0	0	1,843
84	Villanova U.	7,122 i	164 i	548 i	428 i	703 i	144 i	76 i	0 i	5,059 i
85	New School, The	6,950	0	0	5,026	0	214	1,710	0	0
86	Nova Southeastern U.	6,445	3,579	2,024	0	0	701	0	141	0
87	Alfred U. all campuses	6,347	127	0	0	166	880	0	0	5,174
88	Baylor U.	6,133	1,086	2,036	332	1,610	287	209	0	573
89	Fordham U.	6,033	64	2,317	180	13	907	2,552	0	0
90	Morehouse C.	6,008	0	1,081	24	733	483	3,687	0	0
91	Fisk U.	6,000	0	0	0	6,000	0	0	0	0
92	Ponce School of Medicine	5,573	0	5,573	0	0	0	0	0	0
93	Clark U.	5,304	1,804	1,455	0	858	658	424	105	0
94	Rose-Hulman Institute of Technology	4,700	0	0	1,073	1,791	0	0	0	1,836
95	Wheeling Jesuit U.	4,499 i	382 i	2,105 i	173 i	829 i	438 i	235 i	151 i	186 i
96	Bryn Mawr C.	4,254	529	625	377	1,115	597	1,011	0	0
97	U. of the Pacific	4,161	0	2,369	57	505	0	0	0	1,230
98	St. Francis U. (Loretto, PA)	4,114	168	3,946	0	0	0	0	0	0
99	TX Christian U.	4,090	112	303	34	1,156	2,393	18	0	74
100	Williams C.	4,074	103 i	934 i	340 i	723 i	68 i	274 i	160 i	1,472 i
	All other sampled institutions	188,254	12,280	70,820	13,012	34,755	16,906	11,152	9,659	19,670

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 42. Federally financed R&D expenditures at private universities and colleges, ranked by federal R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	11,568,938	405,369	7,515,134	612,184	1,013,353	179,434	159,945	106,615	1,576,904
1	Johns Hopkins U., The ^a	1,307,453	38,434	559,286	95,783	136,988	6,391	3,274	22,890	444,407
2	Stanford U.	540,069	11,332	310,995	25,715	64,675	5,713	5,964	0	115,675
3	U. PA	478,773	278	392,441	8,351	27,710	5,535	16,011	7,465	20,982
4	MA Institute of Technology	476,362	23,717	145,487	37,104	94,818	1,118	3,026	6,246	164,846
5	Columbia U. in the City of NY	451,187	53,940	310,341	9,761	33,473	2,870	8,638	1,856	30,308
6	Duke U.	414,419	7,919	341,291	8,675	14,448	1,941	16,337	0	23,808
7	Washington U. St. Louis	408,402	3,169	371,552	4,192	13,120	4,369	3,721	0	8,279
8	Harvard U.	403,458	25,271	281,478	3,666	54,461	7,318	11,453	0	19,811
9	Cornell U. all campuses	390,043	3,984	245,421	19,382	60,332	2,939	10,026	0	47,959
10	Yale U.	348,500	3,686	308,984	4,936	16,320	4,640	1,062	0	8,872
11	U. Southern CA	333,378	14,405	178,546	91,999	6,356	4,054	3,920	376	33,722
12	Case Western Reserve U.	306,980	551	269,586	1,705	6,632	784	1,436	669	25,617
13	Vanderbilt U.	300,423	341	246,145	1,035	14,182	8,087	3,223	523	26,887
14	Baylor C. of Medicine	287,679	0	287,679	0	0	0	0	0	0
15	U. Rochester	278,399	819	167,170	2,461	10,479	11,469	337	335	85,329
16	Scripps Research Institute, The	268,533	0	268,533	0	0	0	0	0	0
17	Emory U.	267,894	0	255,575	594	9,326	1,891	508	0	0
18	U. Chicago	253,471	4,638	177,146	21,188	38,206	7,212	5,081	0	0
19	Northwestern U.	249,980	3,408	167,284	2,702	20,161	2,890	3,426	5,479	44,630
20	CA Institute of Technology	248,591	14,722	37,955	11,069	141,376	0	1,099	7,839	34,531
21	Boston U.	238,560	4,352	157,309	3,326	24,027	7,478	1,046	18,239	22,783
22	Mt. Sinai School of Medicine	224,911	0	224,911	0	0	0	0	0	0
23	NY U.	189,276	0	149,829	10,939	10,304	12,334	4,061	1,809	0
24	Carnegie Mellon U.	185,389	841	4,728	112,057	8,878	5,153	6,847	2,092	44,793
25	Yeshiva U.	153,785	0	153,785	0	0	0	0	0	0
26	U. Miami	150,408	39,090	95,935	510	2,201	7,936	2,247	0	2,489
27	Dartmouth C.	140,430	690	100,333	3,662	3,642	5,501	394	11,271	14,937
28	Wake Forest U.	139,549	0	135,557	276	3,372	266	78	0	0
29	Princeton U.	117,845	11,743	25,520	9,870	21,251	6,898	7,479	0	35,084
30	Woods Hole Oceanographic Institution	101,631	81,059	0	0	0	0	0	0	20,572
31	Medical C. WI	100,128	0	100,128	0	0	0	0	0	0
32	Brown U.	96,922	4,769	58,180	9,755	7,335	1,290	3,048	0	12,545
33	Tufts U.	95,964	224	78,944	1,437	4,189	2,682	283	0	8,205
34	Rockefeller U.	93,742	0	87,515	1,407	4,820	0	0	0	0
35	Georgetown U.	92,268	0	87,005	156	3,050	1,151	906	0	0

TABLE 42. Federally financed R&D expenditures at private universities and colleges, ranked by federal R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	Tulane U.	84,052	319	73,191	1,319	1,469	218	3,179	0	4,357
37	Thomas Jefferson U.	82,551	0	82,551	0	0	0	0	0	0
38	George Washington U.	75,209	62	23,065	39,070	2,310	1,667	2,959	23	6,053
39	Drexel U.	68,499	0	34,728	5,321	2,672	1,062	0	0	24,716
40	U. Dayton	56,779	33	1,321	610	180	0	0	0	54,635
41	U. of Notre Dame	55,710	0	12,039	4,491	16,774	4,639	2,091	5,063	10,613
42	Rice U.	53,880	1,899	8,982	12,079	12,738	727	704	0	16,751
43	St. Louis U. all campuses	45,183	862	43,444	151	504	0	22	0	200
44	Rush U.	45,044	0	43,754	0	0	1,290	0	0	0
45	Rensselaer Polytechnic Institute	44,690	1,309	2,376	5,146	6,354	1,402	353	0	27,750
46	Charles R. Drew U. of Medicine and Science	44,394	0	44,394	0	0	0	0	0	0
47	Brandeis U.	41,184	0	22,277	1,654	7,089	2,610	7,554	0	0
48	Northeastern U.	36,071	122	8,709	1,470	6,829	1,714	451	0	16,776
49	Howard U.	34,959	0	24,297	173	2,705	111	890	2,312	4,471
50	Meharry Medical C.	30,914	0	30,914	0	0	0	0	0	0
51	Loma Linda U.	28,788	0	28,583	0	0	0	205	0	0
52	Hampton U.	28,584	16,791	2,405	219	5,133	0	0	2,864	1,172
53	NY Medical C.	26,579	0	26,579	0	0	0	0	0	0
54	Loyola U. Chicago	25,420	0	24,084	35	185	322	92	702	0
55	Syracuse U. all campuses	25,299	1,852	1,688	3,637	4,295	4,555	960	20	8,292
56	Morehouse School of Medicine	25,156	0	25,156	0	0	0	0	0	0
57	Stevens Institute of Technology	22,501	3,771	335	2,893	922	0	0	493	14,087
58	Eastern VA Medical School	19,399	0	19,399	0	0	0	0	0	0
59	IL Institute of Technology	19,121	0	7,255	1,865	3,241	875	0	0	5,885
60	Boston C.	18,344	6,288	2,330	600	5,833	471	2,822	0	0
61	Lehigh U.	18,248	999	1,911	1,228	2,959	336	9	0	10,806
62	Brigham Young U. all campuses	17,309	251	4,003	1,030	3,444	314	418	0	7,849
63	Rochester Institute of Technology	14,581	186	1,463	197	6,487	68	502	0	5,678
64	Catholic U. America, The	13,264	0	1,397	0	10,213	414	40	5	1,195
65	Mercer U. all campuses	11,741	0	1,762	0	11	0	41	0	9,927
66	Albany Medical C.	11,152	0	11,152	0	0	0	0	0	0
67	Creighton U.	10,505	96	9,834	1	531	43	0	0	0
68	Worcester Polytechnic Institute	10,193	0	397	1,793	872	0	15	0	7,116
69	Clark Atlanta U.	10,008	0	2,973	1,214	4,030	99	126	793	773
70	Rosalind Franklin U. of Medicine and Science	9,507	0	9,489	0	0	18	0	0	0

TABLE 42. Federally financed R&D expenditures at private universities and colleges, ranked by federal R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	Southern Methodist U.	9,303	2,488	1,907	730	1,495	1,088	162	0	1,433
72	Tuskegee U.	8,971	0	6,280	0	179	0	1,525	0	987
73	U. Denver	8,543	12	1,929	56	2,448	1,937	80	0	2,081
74	Clarkson U.	8,280	0	524	333	2,105	0	16	0	5,302
75	Universidad Central del Caribe	8,206	0	8,206	0	0	0	0	0	0
76	U. Tulsa	7,964	195	687	2,997	643	467	272	0	2,703
77	Marquette U.	7,566	0	3,805	347	847	186	68	0	2,313
78	Embry-Riddle Aeronautical U.	7,518 i	1,241 i	0 i	20 i	0 i	0 i	0 i	2,758 i	3,499 i
79	Polytechnic U.	7,486	0	0	1,475	1,900	0	0	0	4,111
80	Teachers C. Columbia U.	6,770	0	2,612	1	0	3,734	423	0	0
81	FL Institute of Technology	6,138	694	991	865	2,293	0	0	0	1,295
82	Fisk U.	6,000	0	0	0	6,000	0	0	0	0
83	Morehouse C.	5,378	0	719	20	543	483	3,613	0	0
84	Villanova U.	5,039 i	164 i	468 i	261 i	463 i	126 i	0 i	0 i	3,557 i
85	Ponce School of Medicine	5,022	0	5,022	0	0	0	0	0	0
86	New School, The	4,854	0	0	4,547	0	203	104	0	0
87	Wesleyan U.	4,744	105	2,253	67	1,478	637	204	0	0
88	Wheeling Jesuit U.	4,499 i	382 i	2,105 i	173 i	829 i	438 i	235 i	151 i	186 i
89	St. Francis U. (Loretto, PA)	4,114	168	3,946	0	0	0	0	0	0
90	Xavier U. LA	3,783	0	2,101	279	1,271	0	0	0	132
91	TX Christian U.	3,318	43	204	34	713	2,297	0	0	27
92	Nova Southeastern U.	3,204	1,276	1,281	0	0	647	0	0	0
93	Clark U.	3,192	908	992	0	587	438	267	0	0
94	Duquesne U.	3,171	0	1,973	219	957	0	22	0	0
95	DePaul U.	3,160	72	138	794	55	1,875	211	15	0
96	Spelman C.	2,901	0	1,706	385	643	159	8	0	0
97	Kettering U.	2,882	0	0	0	0	0	0	0	2,882
98	Wellesley C.	2,819	16	779	31	538	26	247	1,182	0
99	Smith C.	2,796	72	884	337	350	412	23	20	698
100	St. Joseph's U.	2,566	0	471	551	4	0	361	1,179	0
	All other sampled institutions	109,131	9,311	42,340	7,753	23,100	11,416	3,740	1,946	9,525

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$672 million in federally financed R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 43. Total and federally financed R&D expenditures passed through to subrecipients, by highest degree and institutional control:
FY 2006

(Dollars in thousands)

Institution	R&D expenditures		R&D expenditures passed through to subrecipients		
	All respondents ^a	Item 1A respondents ^b	Total ^c	Educational subrecipients	Other subrecipients
Total R&D, all institutions	47,702,975	41,378,983	3,147,527	1,619,932	1,139,513
Doctorate	47,041,258	40,778,724	3,099,230	1,589,069	1,122,079
Nondoctorate	661,717	600,259	48,297	30,863	17,434
Public	32,331,918	26,057,499	1,774,068	944,381	681,321
Private	15,371,057	15,321,484	1,373,459	675,551	458,192
Federally financed R&D, all institutions	29,993,377	26,336,308	2,742,028	1,454,658	943,815
Doctorate	29,563,011	25,938,335	2,708,179	1,433,372	931,252
Nondoctorate	430,366	397,973	33,849	21,286	12,563
Public	18,446,773	14,817,406	1,526,070	828,051	563,792
Private	11,546,604	11,518,902	1,215,958	626,607	380,023

^a Total is amount prior to imputation for nonrespondents.

^b Survey item 1A collects data on R&D expenditures passed through the institution to subrecipients.

^c Detail may not add to total because of rounding and because some institutions provided only total and federal R&D expenditure data passed through to subrecipients.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 44. Total and federally financed R&D expenditures received as a subrecipient, by highest degree and institutional control: FY 2006
(Dollars in thousands)

Institution	R&D expenditures		R&D expenditures received as a subrecipient		
	All respondents ^a	Item 1B respondents ^b	Total ^c	Higher education pass-through entities	Other pass-through entities
Total R&D, all institutions	47,702,975	41,968,629	3,601,880	1,584,895	1,741,925
Doctorate	47,041,258	41,332,085	3,524,760	1,545,602	1,706,098
Nondoctorate	661,717	636,544	77,120	39,293	35,827
Public	32,331,918	26,603,802	2,218,153	982,446	1,115,595
Private	15,371,057	15,364,827	1,383,727	602,449	626,330
Federally financed R&D, all institutions	29,993,377	26,665,895	3,217,781	1,451,709	1,516,904
Doctorate	29,563,011	26,249,069	3,150,031	1,415,995	1,484,883
Nondoctorate	430,366	416,826	67,750	35,714	32,021
Public	18,446,773	15,122,511	2,023,012	915,229	993,658
Private	11,546,604	11,543,384	1,194,769	536,480	523,246

^a Total is amount prior to imputation for nonrespondents.

^b Survey item 1B collects data on R&D expenditures received by the institution as a subrecipient.

^c Detail may not add to total because of rounding and because some institutions provided only total and federal R&D expenditure data received as a subrecipient.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	All institutions	2,449,050	2,731,807	3,055,008	3,147,527	1,619,932	1,139,513
1	Johns Hopkins U., The ^b	105,815	114,006	133,748	144,137	NA	NA
2	Duke U.	54,103	60,631	75,775	86,704	60,828	25,876
3	U. WI Madison	34,694	43,316	56,486	63,221	43,381	19,840
4	Stanford U.	74,603	77,632	79,824	61,041	21,493	39,548
5	U. PA	56,782	64,682	60,138	58,603	34,687	23,916
6	U. AZ	44,034	57,501	66,461	58,300	38,478	19,822
7	U. CO all campuses	42,542	53,704	67,239	58,206	22,662	35,544
8	Columbia U. in the City of NY	47,733	43,827	57,354	56,785	31,799	24,986
9	OH State U. all campuses	30,624	35,015	55,271	54,418	31,925	22,493
10	U. MI all campuses	49,167	50,917	59,459	54,213	32,521	21,692
11	Harvard U.	59,577	63,682	53,106	53,603	18,396	35,207
12	U. Southern CA	45,716	44,437	49,601	51,570	22,595	28,975
13	U. MN all campuses	38,490	42,837	52,128	50,477	NA	NA
14	U. NC Chapel Hill	38,442	37,804	37,538	43,159	25,887	17,272
15	Baylor C. of Medicine	37,365	35,752	40,297	40,895	33,972	6,923
16	Cornell U. all campuses	26,159	32,039	38,174	40,495	NA	NA
17	U. AL Birmingham, The	23,508	29,009	35,750	40,382	25,675	14,707
18	U. FL	23,816	28,949	43,026	39,743	35,769	3,974
19	U. Pittsburgh all campuses	28,198	29,941	33,711	38,150	19,838	18,312
20	Washington U. St. Louis	24,381	28,389	32,965	38,030	25,065	12,965
21	MA Institute of Technology	29,979	31,475	34,903	36,036	18,399	17,637
22	Yale U.	26,218	32,172	35,200	35,863	18,566	17,297
23	U. TX Austin	17,823	18,286	24,051	34,487	16,664	17,823
24	CA Institute of Technology	30,712	29,728	35,737	31,748	31,748	0
25	Case Western Reserve U.	16,820	5,141	19,044	31,399	22,165	9,234
26	Vanderbilt U.	17,541	19,588	27,378	30,479	19,783	10,696
27	GA Institute of Technology all campuses	21,756	26,987	31,447	30,442	21,609	8,833
28	TX A&M U. all campuses	7,959	19,759	26,962	29,681	19,356	10,325
29	George Washington U.	15,116	27,431	22,264	28,936	13,779	15,157
30	Northwestern U.	19,484	18,037	22,959	28,445	NA	NA
31	Boston U.	21,310	20,379	22,942	27,672	17,477	10,195
32	U. IL Urbana-Champaign	40,694	38,728	31,806	27,358	21,283	6,075
33	U. South FL	26,724	29,201	31,261	27,271	11,178	16,093
34	Scripps Research Institute, The	NA	NA	23,854	26,409	16,971	9,438
35	Mt. Sinai School of Medicine	13,252	17,965	17,529	25,636	25,636	0
36	U. MD College Park	31,477	20,766	27,227	25,621	0	25,621
37	Carnegie Mellon U.	24,006	22,682	24,418	24,772	11,061	13,711
38	U. HI Manoa	17,648	20,103	19,499	24,540	6,474	18,066
39	Georgetown U.	24,190	9,668	13,292	24,175	8,801	15,374
40	Dartmouth C.	15,067	18,928	14,849	23,853	12,388	11,465
41	U. Chicago	21,934	18,670	24,517	23,639	17,975	5,664
42	Rutgers, The State U. NJ all campuses	22,627	22,603	25,861	22,867	16,632	6,235
43	U. Rochester	14,139	18,760	21,786	22,696	13,970	8,726
44	IN U. all campuses	18,247	18,742	20,685	21,995	11,543	10,452
45	FL State U.	18,249	19,754	21,428	21,990	12,490	9,500
46	U. NE all campuses	15,792	18,715	17,848	21,692	16,373	5,319

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
47	U. IA	15,772	15,857	15,762	21,176	0	21,176
48	U. TX Health Science Ctr. Houston	16,902	15,621	17,755	20,997	18,037	2,960
49	MS State U.	21,344	19,344	17,724	19,843	12,509	7,334
50	Emory U.	18,958	19,075	18,139	19,672	14,481	5,191
51	Purdue U. all campuses	15,336	18,399	18,505	19,668	13,942	5,726
52	U. of Medicine and Dentistry NJ	10,670	12,638	11,314	18,747	14,245	4,502
53	U. TX Southwestern Medical Ctr. Dallas	14,680	16,963	18,085	18,125	8,434	9,691
54	U. Miami	11,629	16,083	16,915	17,595	7,734	9,861
55	U. KY all campuses	13,903	15,926	18,060	17,565	17,565	0
56	Wake Forest U.	15,280	15,103	22,323	16,958	10,738	6,220
57	MT State U. Bozeman	11,480	12,438	16,319	16,623	NA	NA
58	U. IL Chicago	16,214	15,353	17,660	16,616	7,220	9,396
59	CO State U.	7,684	13,181	16,060	16,515	NA	NA
60	U. VA all campuses	18,683	17,403	17,911	16,455	12,067	4,388
61	VA Polytechnic Institute and State U.	13,973	14,292	13,990	16,198	9,674	6,524
62	NY U.	13,820	12,620	17,740	16,193	13,008	3,185
63	U. Dayton	9,414	15,846	15,138	15,680	1,622	14,058
64	NC State U.	18,697	17,839	18,387	15,563	10,269	5,294
65	U. KS all campuses	10,914	16,952	10,955	15,290	9,584	5,706
66	Princeton U.	14,743	18,384	17,514	15,285	9,648	5,637
67	U. CT all campuses	10,478	11,093	11,470	15,280	6,426	8,854
68	OR Health & Science U.	14,026	16,334	16,244	14,979	7,807	7,172
69	U. NH	14,167	14,205	14,034	14,954	NA	NA
70	OR State U.	9,699	9,186	14,374	14,899	10,021	4,878
71	Hampton U.	7,861	18,925	30,612	14,776	13,978	798
72	Eastern VA Medical School	13,641	14,226	14,134	14,488	4,107	10,381
73	U. TX Medical Branch	5,323	9,773	14,542	14,457	10,753	3,704
74	U. GA	15,283	16,921	18,623	14,350	NA	NA
75	NM State U. all campuses	17,594	11,806	16,059	14,245	9,538	4,707
76	Medical C. WI	5,724	10,677	12,829	14,054	5,513	8,541
77	Drexel U.	10,645	12,307	11,828	13,704	NA	NA
78	U. Cincinnati all campuses	10,147	15,059	16,128	13,613	6,103	7,510
79	Brown U.	11,812	11,455	17,606	13,496	5,438	8,058
80	U. UT	11,756	9,827	14,650	13,460	7,403	6,057
81	U. AK Fairbanks all campuses	13,247	8,887	6,620	12,986	NA	NA
82	U. TX M. D. Anderson Cancer Ctr.	10,703	12,098	11,771	12,799	7,813	4,986
83	U. NM all campuses	9,559	8,959	11,836	12,577	8,231	4,346
84	MI State U.	18,598	17,368	21,071	12,000	3,875	8,125
85	U. NV, Las Vegas	9,503	NA	9,684	11,546	5,663	5,883
86	Yeshiva U.	8,647	9,630	1,273	11,502	NA	NA
87	U. OK all campuses	9,716	10,096	9,428	11,302	7,604	3,698
88	LA State U. all campuses	7,997	11,378	12,739	11,185	7,370	3,815
89	U. TX Health Science Ctr. San Antonio	8,353	9,937	12,191	10,836	3,372	7,464
90	U. MA Worcester	6,600	8,429	8,853	10,662	10,662	0
91	AZ State U. main campus	8,198	6,922	8,995	10,654	6,020	4,634
92	U. of Notre Dame	6,495	6,984	9,522	10,439	7,455	2,984
93	U. TN all campuses	11,091	12,388	10,507	10,218	6,076	4,142

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
94	WA State U.	1,829	10,032	8,263	10,008	6,320	3,688
95	U. MO-Columbia	9,673	10,545	8,980	9,602	6,334	3,268
96	San Diego State U.	8,226	9,192	10,226	9,585	5,593	3,992
97	U. Southern MS	5,093	6,658	4,129	9,553	6,563	2,990
98	Southern IL U. Carbondale	4,688	6,610	4,263	9,544	1,408	8,136
99	U. DE	6,397	7,884	8,027	9,347	4,222	5,125
100	St. Louis U. all campuses	3,351	3,351 e	9,189	9,321	6,265	3,056
101	Tulane U.	8,674	10,826	14,478	9,187	5,603	3,584
102	Wayne State U.	10,758	11,115	13,065	9,153	4,614	4,539
103	U. MS all campuses	17,536	13,231	9,877	8,961	7,587	1,374
104	U. AL, The	8,058	7,149	6,350	8,729	3,746	4,983
105	NM Institute of Mining and Technology	5,092	4,187	NA	8,639	1,674	6,965
106	U. RI	4,896	6,452	6,701	8,175	6,156	2,019
107	Loma Linda U.	6,027	11,200	5,830	7,848	0	7,848
108	GA State U.	2,391	4,631	4,227	7,752	6,039	1,713
109	U. Central FL	1	NA	6,997	7,733	0	7,733
110	Northeastern U.	NA	NA	10,943	7,612	5,454	2,158
111	Rockefeller U.	9,406	7,495	6,568	7,611	5,945	1,666
112	U. MA Amherst	5,459	5,049	6,643	7,273	7,273	0
113	U. ND all campuses	1,878	2,383	5,187	7,259	3,589	3,670
114	KS State U.	6,031	9,516	8,134	7,208	4,637	2,571
115	U. ID	4,814	6,239	5,870	7,171	6,439	732
116	Medical U. SC	5,642	8,689	8,531	7,154	4,251	2,903
117	U. NV, Reno	3,293	3,627	5,081	7,052	4,088	2,964
118	ND State U. all campuses	3,242	7,184	7,729	7,043	3,310	3,733
119	NJ Institute of Technology	8,900	8,317	8,544	7,026	1,188	5,838
120	Clemson U.	6,904	6,904	7,563	6,984	NA	NA
121	U. Louisville	3,399	4,931	6,549	6,865	4,119	2,746
122	SUNY Buffalo all campuses	10,875	10,510	9,346	6,804	4,205	2,599
123	U. AR for Medical Sciences	3,872	9,789	5,176	6,731	6,520	211
124	VA Commonwealth U.	3,450	6,367	6,362	6,368	4,842	1,526
125	Naval Postgraduate School	NA	NA	3,998	6,293	NA	NA
126	SUNY Health Science Ctr. Brooklyn	NA	NA	5,925	6,223	4,334	1,889
127	WV U.	8,977	10,689	6,168	6,084	2,937	3,147
128	U. VT	5,080	5,356	5,697	6,029	3,418	2,611
129	Western KY U.	2,172	3,499	4,108	5,866	2,452	3,414
130	Tufts U.	4,087	5,788	5,350	5,807	3,348	2,459
131	San Jose State U.	5,958	3,338	4,747	5,712	3,734	1,978
132	U. TX El Paso	4,953	6,663	5,734	5,545	2,727	2,818
133	OK State U. all campuses	7,573	9,194	6,086	5,472	NA	NA
134	Thomas Jefferson U.	8,273	7,734	6,053	5,426	4,041	1,385
135	U. MT-Missoula, The	2,520	3,813	5,899	5,337	4,048	1,289
136	Rice U.	5,273	6,014	6,210	5,258	4,717	541
137	SUNY Stony Brook all campuses	7,330	7,921	7,667	5,041	498	4,543
138	U. SC all campuses	5,631	6,960	6,433	4,966	3,984	982
139	Rush U.	4,859	5,225	4,729	4,916	4,916	0
140	CA State U. Fresno	30	6,000	4,000	4,864	4,864	0

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
141	Lehigh U.	4,267	2,936	4,658	4,864	4,799	65
142	George Mason U.	3,868	21,807	4,393	4,777	871	3,906
143	CO School of Mines	5,183	3,743	3,616	4,774	1,578	3,196
144	C. of William and Mary all campuses	3,606	5,124	5,906	4,652	2,579	2,073
145	Rensselaer Polytechnic Institute	2,862	4,013	6,162	4,549	3,441	1,108
146	U. AL Huntsville, The	2,974	3,787	4,358	4,547	2,128	2,419
147	U. ME	2,860	3,842	3,880	4,543	1,203	3,340
148	U. MD Ctr. for Environmental Science	3,943	4,612	4,703	4,307	1,723	2,584
149	SUNY Albany	4,337	6,574	5,516	4,286	2,733	1,553
150	U. SD	760	855	1,646	4,260	3,127	1,133
151	Woods Hole Oceanographic Institution	4,191	4,538	5,449	4,148	2,526	1,622
152	Auburn U. all campuses	5,247	5,222	3,205	4,084	4,084	0
153	FL Atlantic U.	NA	1,728	1,367	4,020	2,890	1,130
154	Jackson State U.	2,881	6,477	6,793	4,000	1,301	2,699
155	Temple U.	3,473	4,569	4,178	3,951	1,753	2,198
156	Syracuse U. all campuses	3,983	7,525	4,470	3,803	2,677	1,126
157	Howard U.	4,919	6,300	3,419	3,681	3,675	6
158	U. MO-Rolla	1,864	3,699	1,938	3,667	824	2,843
159	Wright State U. all campuses	1,363	1,689	2,184	3,580	2,516	1,064
160	Brandeis U.	2,611	2,469	3,330	3,519	2,033	1,486
161	U. TX Arlington	585	1,214	2,822	3,509	2,228	1,281
162	Ball State U.	199	1,578	3,107	3,486	2,434	1,052
163	Morehouse C.	NA	NA	1,222	3,440	3,077	363
164	FL International U.	5,895	7,181	4,947	3,378	0	3,378
165	U. OR	1,551	3,130	3,114	3,346	2,429	917
166	SUNY Upstate Medical U.	2,960	2,201	1,707	3,244	424	2,820
167	U. MA Boston	3,367	1,277	1,896	3,190	1,773	1,417
168	CA State U. Fullerton	NA	599	2,376	3,164	962	2,202
169	Marshall U.	1,345	1,968	2,015	3,132	2,837	295
170	U. AR main campus	2,390	2,608	2,391	3,096	2,217	879
171	U. WY	1,514	1,514 e	2,882	3,026	1,447	1,579
172	CUNY The City C.	1,976	3,599	3,011	3,003	66	2,937
173	Portland State U.	1,412	1,412 e	2,194	2,998	1,804	1,194
174	TX A&M U. System Health Science Ctr.	1,589	2,095	2,539	2,908	2,279	629
175	U. NC Charlotte	2,065	3,363	3,176	2,889	536	2,353
176	Old Dominion U.	NA	2,428	2,960	2,801	2,008	793
177	Stevens Institute of Technology	NA	2,546	3,398	2,704	1,543	1,161
178	U. TX Dallas	1,802	1,998	4,632	2,678	1,422	1,256
179	Boise State U.	NA	NA	1,854	2,568	NA	NA
180	OH U. all campuses	3,840	3,240	3,252	2,529	1,332	1,197
181	CA State U. San Bernardino	316	1,971	2,223	2,503	483	2,020
182	U. MA Dartmouth	1,825	2,209	2,481	2,462	666	1,796
183	Northern IL U.	674	1,076	1,376	2,417	1,000	1,417
184	SD State U.	2,120	2,208	2,470	2,391	2,391	0
185	Loyola U. Chicago	923	1,448	1,650	2,336	2,336	0
186	Rochester Institute of Technology	3,146	3,057	1,334	2,301	1,726	575
187	Medical U. OH	1,778	871	2,186	2,153	1,216	937

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
188	CUNY Hunter C.	2,196	2,481	1,315	2,126	399	1,727
189	U. MD Biotechnology Institute	1,466	2,056	2,614	2,083	1,212	871
190	Brigham Young U. all campuses	2,279	1,983	1,947	2,081	1,065	1,016
191	San Francisco State U.	NA	2,420	NA	2,064	1,234	830
192	IL Institute of Technology	3,641	3,641	3,166	2,037	1,542	495
193	CA State U. Bakersfield	NA	NA	0	2,016	1,300	716
194	U. MD Baltimore County	NA	NA	1,923	1,900	1,900	0
195	U. PR Medical Sciences Campus	2,096	1,358	2,044	1,874	1,874	0
196	Southwest MO State U.	0	237	2,258	1,806	23	1,783
197	U. MO-Kansas City	2,106	1,692	1,867	1,795	1,331	464
198	Western MI U.	1,092	1,136	2,091	1,749	1,022	727
199	Meharry Medical C.	155	1,380	1,697	1,727	1,039	688
200	CA State U. Long Beach	4,866	2,941	1,966	1,692	0	1,692
201	FL A&M U.	NA	0	NA	1,685	1,685	0
202	Medical C. GA	1,504	2,362	1,824	1,676	1,462	214
203	U. HI Hilo	193	0	62	1,649	1,619	30
204	NC Agricultural and Technical State U.	897	1,409	2,296	1,626	882	744
205	MI Technological U.	820	1,303	2,511	1,622	1,134	488
206	Desert Research Institute	2,580	2,326	2,179	1,618	1,059	559
207	Mercer U. all campuses	709	1,849	1,796	1,607	513	1,094
208	Charles R. Drew U. of Medicine and Science	1,406	1,449	1,300	1,566	347	1,219
209	TX Tech U.	1,951	1,930	1,602	1,551	1,515	36
210	U. WI Milwaukee	1,238	1,528	1,611	1,535	980	555
211	U. MA Lowell	910	1,242	1,592	1,504	432	1,072
212	Polytechnic U.	NA	511	500	1,469	900	569
213	Teachers C. Columbia U.	1,741	1,797	2,085	1,433	NA	NA
214	U. Memphis, The	572	637	1,596	1,385	924	461
215	U. TX San Antonio	652	750	1,058	1,327	1,084	243
216	Northern AZ U.	2,571	1,269	756	1,305	568	737
217	Southern Methodist U.	114	36	1,256	1,289	844	445
218	Marquette U.	1,372	1,054	980	1,235	1,070	165
219	U. LA Monroe	NA	0	0	1,219	1,054	165
220	U. Tulsa	1,421	2,032	1,264	1,200	1,107	93
221	CUNY Queens C.	1,040	820	700	1,196	0	1,196
222	U. NC Wilmington	2,602	2,334	3,305	1,184	900	284
223	U. Toledo	410	974	803	1,183	601	582
224	East Carolina U.	692	1,145	1,349	1,173	981	192
225	SUNY Binghamton	948	933	1,154	1,169	998	171
226	Southern U. and A&M C. all campuses	NA	1,029	NA	1,144	NA	NA
227	U. South AL	NA	1,359	891	1,104	111	993
228	Bowling Green State U. all campuses	819	504	398	1,067	432	635
229	U. NC Asheville	0	268	1,136	1,027	159	868
230	U. North TX Health Science Ctr. Ft. Worth	292	35	NA	985	985	0
231	Southern IL U. Edwardsville	128	59	873	977	95	882
232	ID State U.	52	205	335	949	869	80
233	U. MO-St. Louis	469	604	821	925	753	172
234	U. LA Lafayette	79	353	547	844	457	387

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
235	Lamar U.	1,773	1,367	1,394	842	618	224
236	C. Charleston	238	565	540	830	778	52
237	NY Medical C.	772	748	1,043	829	694	135
238	CA State Polytechnic U. San Luis Obispo	1,155	1,482	152	796	700	96
239	Stephen F. Austin State U.	0	62	20	796	796	0
240	U. NC Greensboro	887	1,338	515	777	292	485
241	Murray State U.	114	760	325	762	285	477
242	U. Akron all campuses	1,051	609	687	742	208	534
243	Cleveland State U.	324	1,157	957	741	189	552
244	Sul Ross State U.	0	0	703	739	739	0
245	AR State U. main campus	NA	NA	6	731	75	656
246	Worcester Polytechnic Institute	687	853	487	731	628	103
247	Prairie View A&M U.	1,033	1,025	823	709	171	538
248	Morehouse School of Medicine	1,061	1,059	3,771	708	504	204
249	MT Tech of the U. MT	358	295	248	667	72	595
250	Miami U. all campuses	225	316	165	663	655	8
251	Kent State U. all campuses	1,680	943	535	660	534	126
252	TX State U. San Marcos	1,464	815	509	646	129	517
253	Clarkson U.	NA	1,151	NA	587	365	222
254	U. Baltimore	ne	ne	666	570	50	520
255	CA State U. Los Angeles	298	354	463	551	551	0
256	Oakland U.	0	0	318	506	506	0
257	St. Joseph's U.	444	496	288	499	412	87
258	Albany Medical C.	115	388	290	493	372	121
259	TX Tech U. Health Science Ctr.	NA	175	253	486	452	34
260	U. PR Humacao	ne	33	127	472	472	0
261	SD School of Mines and Technology	775	491	562	453	302	151
262	Central MI U.	0	680	957	422	34	388
263	Black Hills State U.	ne	137	138	416	174	242
264	SUNY C. Plattsburgh	179	143	487	396	281	115
265	Catholic U. America, The	308	522	491	388	62	326
266	U. Denver	857	960	724	362	352	10
267	Lincoln U. (Jefferson City, MO)	0	0	0	349	349	0
268	TX A&M U. Kingsville	152	250	127	345	158	187
269	U. PR Rio Piedras Campus	407	518	448	343	343	0
270	Wesleyan U.	365	391	387	329	217	112
271	TX Southern U.	0	48	25	327	327	0
272	U.S. Coast Guard Academy	90	0	0	303	0	303
273	LA Tech U.	1,947	1,218	754	294	86	208
274	Savannah State U.	NA	160	269	284	284	0
275	IL State U.	303	255	473	283	177	106
276	OR Institute of Technology	0	0	333	276	0	276
277	Morehead State U.	0	60	400	265	215	50
278	Smith C.	0	0	81	254	58	196
279	CA State U. Northridge	248	326	95	244	244	0
280	IN State U. all campuses	60	117	45	243	243	0
281	Rowan U.	222	211	148	242	139	103

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
282	St. John's U. (Jamaica, NY)	NA	NA	268	242	0	242
283	PA C. of Optometry	0	0	16	227	227	0
284	NM Highlands U.	NA	244	302	222	187	35
285	Nicholls State U.	0	0	434	221	0	221
286	U. North TX	1,238	1,289	244	217	109	108
287	A.T. Still U. of Health Sciences	0	184	250	214	0	214
288	U. of the Pacific	34	142	175	211	40	171
289	Baylor U.	120	215	136	209	0	209
290	Franklin & Marshall C.	9	222	140	207	207	0
291	St. Cloud State U.	NA	0	261	205	59	146
292	Creighton U.	602	871	529	203	109	94
293	AL State U.	0	200	202	202	202	0
294	U. West FL	4,642	2,414	353	202	198	4
295	U. West GA	200	200	200	200	200	0
296	U. WI Superior	4	0	44	198	198	0
297	Western U. of Health Sciences	30	24	92	198	0	198
298	DePaul U.	4	154	385	194	0	194
299	NC Central U.	NA	NA	NA	188	118	70
300	Fordham U.	479	250	791	186	186	0
301	Clark Atlanta U.	1,349	1,244	316	183	154	29
302	Xavier U. LA	439	204	NA	183	145	38
303	Maharishi U. of Management	1,844	1,844 e	164	175	175	0
304	Southeastern LA U.	14	61	88	175	106	69
305	Spelman C.	3	0	25	175	175	0
306	Eastern MI U.	196	104	129	172	172	0
307	Ithaca C.	997	816	688	172	136	36
308	Northeastern OH Universities C. of Medicine	82	407	535	170	20	150
309	SUNY C. Brockport	88	55	125	170	170	0
310	CA State U. Monterey Bay	16	0	46	169	58	111
311	U. New England	ne	ne	ne	166	62	104
312	Appalachian State U.	0	41	79	164	124	40
313	Wellesley C.	646	619	289	164	96	68
314	Pittsburg State U.	0	0	0	150	150	0
315	Mt. Holyoke C.	53	71	51	149	100	49
316	Nova Southeastern U.	509	78	93	147	0	147
317	Philadelphia C. of Osteopathic Medicine	50	47	42	146	0	146
318	TN Technological U.	397	252	556	145	111	34
319	Claremont Graduate U.	5	287	121	142	0	142
320	Western WA U.	24	16	9	140	108	32
321	Benedict C.	36	0	151	138	138	0
322	Vassar C.	NA	NA	NA	129	129	0
323	Northwestern Health Sciences U.	ne	ne	ne	127	0	127
324	U. Scranton	213	155	100	127	0	127
325	Duquesne U.	270	205	175	124	102	22
326	VA State U.	0	0	52	117	35	82
327	Bowdoin C.	0	0	0	116	11	105
328	Clark U.	221	221 e	83	116	54	62

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
329	Drake U.	180 e	277	27	116	116	0
330	Towson U.	53	0	137	115	115	0
331	Kettering U.	32	18	50	111	111	0
332	U. TX-Pan American	46	188	14	110	110	0
333	Pace U. all campuses	0 e	0	0	107	107	0
334	Coastal Carolina U.	34	31	13	103	80	23
335	U. Puget Sound	ne	70	69	102	102	0
336	CUNY Graduate Ctr.	150	0	0	100	100	0
337	Rosalind Franklin U. of Medicine and Science	0	0	160	90	90	0
338	U. PR Mayaguez Campus	41	50	70	90	90	0
339	Western Carolina U.	0	206	429	88	58	30
340	Barnard C.	96	96 e	NA	87	87	0
341	CA State U. East Bay	NA	NA	0	86	86	0
342	Norfolk State U.	80	29	361	86	86	0
343	Point Loma Nazarene C.	ne	ne	98	82	82	0
344	Swarthmore C.	157	175	33	81	0	81
345	TN State U.	40	50	68	80	47	33
346	U. Redlands	0	69	740	80	80	0
347	TX Christian U.	0	0	0	78	23	55
348	Wichita State U.	1,675	376	218	77	42	35
349	Furman U.	0	0	133	74	74	0
350	Harvey Mudd C.	NA	NA	3	70	70	0
351	Northern KY U.	41	13	69	69	54	15
352	U.S. Air Force Academy	0	0	200	68	68	0
353	WV State U.	NA	0	50	68	68	0
354	U. Northern CO	155	155	80	64	64	0
355	Hampshire C.	139	190	323	63	60	3
356	Davidson C.	ne	ne	NA	62	62	0
357	Lewis and Clark C.	0	0	0	62	62	0
358	Seton Hall U.	0	0	0	61	61	0
359	Fairfield U.	0	0	20	60	60	0
360	U. AR Pine Bluff	8	0	10	59	59	0
361	Augsburg C.	0	0	0	57	57	0
362	Bryn Mawr C.	0	0	0	52	52	0
363	Ft. Valley State U.	24	76	12	50	50	0
364	U. DC	NA	0	0	50	50	0
365	Colgate U.	0	4	0	49	49	0
366	CUNY Herbert H. Lehman C.	0	0	35	48	17	31
367	Manhattan C.	0 e	NA	NA	48	0	48
368	Monmouth U.	ne	ne	17	42	0	42
369	C. of the Holy Cross	0	38	0	41	41	0
370	Gustavus Adolphus C.	ne	0	0	41	41	0
371	TX Woman's U.	235	161	60	41	35	6
372	U. Richmond	2	2	100	41	41	0
373	Lafayette C.	196	175	16	37	37	0
374	Roger Williams U. Bristol	ne	0	0	36	36	0
375	SUNY C. Buffalo	0	0	79	34	10	24

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
376	James Madison U.	0	31	26	33	33	0
377	Milwaukee School of Engineering	0	0	225	33	33	0
378	U. IL Springfield	77	16	189	33	0	33
379	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	32	32	0
380	Southern OR U.	0	0	37	28	28	0
381	CA State U. Dominguez Hills	0	49	0	26	0	26
382	Amherst C.	98 e	49	54	22	22	0
383	Carleton C.	0	0	0	21	21	0
384	Bates C.	235	29	1	17	17	0
385	National U. of Health Sciences	0	0	0	16	16	0
386	Hamilton C. (Clinton, NY)	0	0	21	14	0	14
387	U. North FL	1,301	1,285	1,677	14	0	14
388	Alfred U. all campuses	0	65	83	13	13	0
389	Bradley U.	61	39	1	13	13	0
390	Trinity U.	24	58	18	13	13	0
391	U. WI La Crosse	66	69	23	12	12	0
392	SC State U.	10	10	10	10	10	0
393	Union C. (Schenectady, NY)	0	0	0	10	10	0
394	Hope C.	0	0	18	9	9	0
395	CUNY Baruch C.	136	0	37	8	8	0
396	GA Southern U.	0	0	34	8	8	0
397	Occidental C.	0	NA	142	7	2	5
398	Grambling State U.	412	158	102	5	5	0
399	Juniata C.	29	26	9	5	5	0
400	Tougaloo C.	NA	NA	NA	5	0	5
401	Valparaiso U.	0	9	34	5	5	0
402	AL A&M U.	6,086	1,742	2,008	4	3	1
403	Fisk U.	0	0	0	4	2	2
404	Air Force Institute of Technology	NA	0	0	3	0	3
405	Rhodes C.	ne	ne	21	2	2	0
	Abilene Christian U.	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0
	Albany State U.	0	0	NA	0	0	0
	Alcorn State U.	0	0	0	0	0	0
	Allegheny C.	0	0	0	0	0	0
	American U.	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0
	Augustana C. (Sioux Falls, SD)	0	0	0	0	0	0
	Berry C.	ne	ne	ne	0	0	0
	Bluefield State C.	0	0	0	0	0	0
	Bowie State U.	0	0	0	0	0	0
	Bridgewater State C.	0	5	0	0	0	0
	Bucknell U.	0	0	0	0	0	0
	CA State Polytechnic U. Pomona	0	0	0	0	0	0
	Calvin C.	0	0	199	0	0	0
	Canisius C.	ne	ne	NA	0	0	0

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	Central CT State U.	0	0	0	0	0	0
	Chapman U.	0	0	0	0	0	0
	Cheyney U. PA	ne	ne	ne	0	0	0
	Chicago State U.	0	NA	0	0	0	0
	Christopher Newport U.	0	0	0	0	0	0
	Clafflin U.	0	0	0	0	0	0
	Colby C.	69	0	0	0	0	0
	C. NJ, The	NA	NA	NA	0	0	0
	CO State U. Pueblo	0	0	0	0	0	0
	CT C.	NA	NA	0	0	0	0
	CUNY Brooklyn C.	0	298	190	0	0	0
	CUNY C. Staten Island	0	0	50	0	0	0
	CUNY John Jay C. of Criminal Justice	NA	0	NA	0	0	0
	CUNY Medgar Evers C.	64	36	20	0	0	0
	CUNY York C.	0	0	0	0	0	0
	DE State U.	39	NA	23	0	0	0
	Denison U.	0	0	NA	0	0	0
	Des Moines U.	15	15 e	NA	0	0	0
	Dickinson C.	46	56	42	0	0	0
	East TN State U.	0	0	NA	0	0	0
	Eastern KY U.	0	0	0	0	0	0
	Eastern OR U.	0	8	4	0	0	0
	Elizabeth City State U.	0	29	209	0	0	0
	Evergreen State C.	0	0	0	0	0	0
	Fayetteville State U.	NA	0	0	0	0	0
	Fitchburg State C.	ne	ne	0	0	0	0
	FL Gulf Coast U.	ne	0	0	0	0	0
	Ft. Lewis C.	0	0	0	0	0	0
	Fuller Theological Seminary CA	ne	ne	179	0	0	0
	Gallaudet U.	0	0	0	0	0	0
	Gettysburg C.	ne	ne	0	0	0	0
	Governors State U.	ne	ne	0	0	0	0
	Grinnell C.	0	0	0	0	0	0
	Haverford C.	0	0	0	0	0	0
	Hendrix C.	ne	0	0	0	0	0
	Heritage U. (Toppenish, WA)	ne	ne	0	0	0	0
	Hofstra U.	NA	NA	NA	0	0	0
	IL Wesleyan U.	ne	ne	0	0	0	0
	Indiana U. PA all campuses	NA	NA	0	0	0	0
	Jacksonville State U.	ne	ne	NA	0	0	0
	Jacksonville U.	ne	ne	ne	0	0	0
	Jarvis Christian C.	0	0	ne	0	0	0
	John Carroll U.	0	0	0	0	0	0
	Johnson C. Smith U.	0	ne	ne	0	0	0
	Kalamazoo C.	ne	0	0	0	0	0
	Kansas City U. of Medicine and Biosciences	0	28	22	0	0	0
	Kennesaw State U.	0	95	28	0	0	0

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	KY State U.	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	ne	ne	ne	0	0	0
	La Salle U.	0	0	ne	0	0	0
	Lake Forest C.	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0
	Lawrence Technological U.	0	0	0	0	0	0
	Lawrence U.	ne	ne	ne	0	0	0
	Lincoln U. (Lincoln University, PA)	0	0	0	0	0	0
	Long Island U. all campuses	0	0	0	0	0	0
	Loyola Marymount U.	NA	0	0	0	0	0
	Loyola U. New Orleans	ne	ne	0	0	0	0
	Macalester C.	0	0	0	0	0	0
	Mayville State U.	ne	ne	0	0	0	0
	McNeese State U.	0	0	0	0	0	0
	Mercy C.	ne	ne	ne	0	0	0
	Mercyhurst C.	ne	ne	ne	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0
	Millsaps C.	ne	ne	NA	0	0	0
	MT State U. Billings	ne	ne	NA	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	ne	0	0	0	0	0
	Muhlenberg C.	ne	ne	0	0	0	0
	New England C. of Optometry	0	0	0	0	0	0
	New School, The	NA	1,335	30	0	0	0
	NY Institute of Technology all campuses	NA	143	0	0	0	0
	Northeastern IL U.	0	0	0	0	0	0
	Northeastern State U.	0	NA	0	0	0	0
	Northwestern State U.	ne	ne	ne	0	0	0
	Oberlin C.	0	0	0	0	0	0
	OH Wesleyan U.	NA	NA	46	0	0	0
	Pacific U.	0	NA	0	0	0	0
	Philadelphia U.	ne	ne	NA	0	0	0
	Pitzer C.	0	0	0	0	0	0
	Pomona C.	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0
	Providence C.	0 e	0	0	0	0	0
	Radford U.	0	1	ne	0	0	0
	Reed C.	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0
	Rose-Hulman Institute of Technology	7	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0
	Sarah Lawrence C.	ne	ne	ne	0	0	0
	Shaw U.	0	NA	0	0	0	0
	Simmons C.	28	103	26	0	0	0
	Sinte Gleska U.	ne	ne	0	0	0	0
	Skidmore C.	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	Southeast MO State U.	ne	ne	NA	0	0	0
	Southeastern OK State U.	NA	0	0	0	0	0
	Southern U. New Orleans	0	0	ne	0	0	0
	St. Francis U. (Loretto, PA)	ne	ne	98	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	164	148	0	0	0
	St. Olaf C.	0	0	0	0	0	0
	SUNY C. Cortland	53	13	6	0	0	0
	SUNY C. Geneseo	38	0	309	0	0	0
	SUNY C. of Optometry	0	0	NA	0	0	0
	SUNY C. Old Westbury	0	0	0	0	0	0
	SUNY C. Oswego	13	NA	0	0	0	0
	Tarleton State U.	0	0	0	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0
	TX A&M U. Corpus Christi	0	0	0	0	0	0
	Trinity C. (Hartford, CT)	102	29	0	0	0	0
	Troy U. main campus	ne	ne	ne	0	0	0
	Truman State U.	0	NA	0	0	0	0
	Tuskegee U.	NA	NA	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0
	U.S. Naval Academy	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0
	Universidad del Este	ne	ne	ne	0	0	0
	Universidad del Turabo	ne	ne	NA	0	0	0
	Universidad Metropolitana	ne	ne	NA	0	0	0
	U. Central OK	0	0	0	0	0	0
	U. Detroit Mercy	0	0 e	NA	0	0	0
	U. GU	0	452	NA	0	0	0
	U. Hartford	NA	58	0	0	0	0
	U. Houston-Clear Lake	0	0	0	0	0	0
	U. Houston-Downtown	0	0	0	0	0	0
	U. MD Baltimore	NA	0	0	0	0	0
	U. MD Eastern Shore	0	0	0	0	0	0
	U. NC Pembroke	ne	ne	ne	0	0	0
	U. Northern IA	0	0	0	0	0	0
	U. Portland	0	0	0	0	0	0
	U. San Francisco	14	154	190	0	0	0
	U. of St. Thomas (St. Paul, MN)	0	0	0	0	0	0
	U. TX Tyler	ne	ne	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0
	U. of the South	ne	ne	0	0	0	0
	U. of the VI	NA	0	0	0	0	0
	U. WI Eau Claire	0	0	0	0	0	0
	U. WI Green Bay	0	0	0	0	0	0
	U. WI Oshkosh	0	0	0	0	0	0
	U. WI Parkside	0	0	36	0	0	0
	U. WI Platteville	ne	ne	0	0	0	0

TABLE 45. R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	U. WI River Falls	0	0	0	0	0	0
	U. WI Stevens Point	0	12	0	0	0	0
	U. WI Stout	0	13	0	0	0	0
	U. WI Whitewater	0	0	0	0	0	0
	Ursinus C.	ne	ne	ne	0	0	0
	VA Military Institute	0	0	0	0	0	0
	Wabash C.	ne	0	0	0	0	0
	Washington and Lee U.	ne	ne	0	0	0	0
	West Chester U. PA	0	0	0	0	0	0
	West Liberty State C.	ne	ne	ne	0	0	0
	West TX A&M U.	0	0	0	0	0	0
	WV School of Osteopathic Medicine	0	0	0	0	0	0
	Western IL U.	0	NA	0	0	0	0
	Whitman C.	0	0	0	0	0	0
	Wilkes U.	NA	20	ne	0	0	0
	Willamette U.	0	0	0	0	0	0
	Youngstown State U.	0	0	NA	0	0	0
	All other sampled institutions	1,651	22,529	23,558	0	0	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

NA = not available; institution was unable to provide these data or was not surveyed separately.

ne = not eligible; institution did not meet the criteria for inclusion.

^a Detail may not add to total because of rounding and because some institutions provided only total and federal subrecipient data.

^b The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in total R&D expenditures passed through to subrecipients.

NOTES: Institutions that are not listed in this table did not respond to item 1A, R&D expenditures passed through to subrecipients in FY 2006. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	All institutions	2,121,924	2,381,500	2,659,528	2,742,028	1,454,658	943,815
1	Johns Hopkins U., The ^b	97,329	103,382	116,522	118,822	NA	NA
2	U. WI Madison	34,015	41,751	55,066	61,486	43,204	18,282
3	Duke U.	34,392	38,174	55,090	59,374	59,374	0
4	Stanford U.	69,424	72,911	75,536	56,571	19,340	37,231
5	U. CO all campuses	40,696	51,064	64,210	54,611	22,370	32,241
6	Columbia U. in the City of NY	40,012	41,791	54,486	53,945	30,209	23,736
7	U. MI all campuses	43,061	44,602	52,837	50,963	30,434	20,529
8	Harvard U.	48,285	53,873	47,949	49,924	17,959	31,965
9	U. PA	42,911	47,796	46,673	48,698	27,677	21,021
10	U. Southern CA	42,058	41,273	46,175	48,527	21,626	26,901
11	U. AZ	38,006	45,390	49,846	43,725	28,859	14,866
12	U. MN all campuses	34,441	39,280	46,431	43,642	NA	NA
13	Baylor C. of Medicine	36,954	35,596	39,819	40,522	33,719	6,803
14	Cornell U. all campuses	25,455	31,151	37,303	39,805	NA	NA
15	U. AL Birmingham, The	23,300	27,896	33,127	36,106	23,944	12,162
16	U. Pittsburgh all campuses	27,032	28,103	31,432	35,261	18,336	16,925
17	U. NC Chapel Hill	38,008	37,403	36,835	34,418	23,234	11,184
18	OH State U. all campuses	23,428	28,252	25,771	32,856	17,298	15,558
19	Yale U.	23,428	29,308	32,221	32,197	17,414	14,783
20	U. FL	20,609	27,127	31,398	31,733	28,560	3,173
21	MA Institute of Technology	22,636	26,482	30,795	31,397	15,663	15,734
22	CA Institute of Technology	29,292	28,923	17,312	30,997	30,997	0
23	Washington U. St. Louis	22,480	27,388	31,581	30,638	20,302	10,336
24	U. TX Austin	12,962	13,310	16,245	27,461	13,906	13,555
25	Vanderbilt U.	17,191	19,037	26,368	27,212	17,982	9,230
26	Boston U.	21,191	20,266	22,838	26,979	17,091	9,888
27	Scripps Research Institute, The	NA	NA	22,978	25,876	16,438	9,438
28	Northwestern U.	17,988	16,993	22,170	25,793	NA	NA
29	Mt. Sinai School of Medicine	12,871	17,442	17,237	25,507	25,507	0
30	U. IL Urbana-Champaign	37,235	36,706	30,101	25,504	20,261	5,243
31	Carnegie Mellon U.	22,727	21,607	24,189	24,698	11,016	13,682
32	U. HI Manoa	17,648	20,103	19,499	24,540	6,474	18,066
33	U. Chicago	20,636	17,691	23,813	23,187	17,701	5,486
34	TX A&M U. all campuses	6,535	18,562	23,418	23,093	17,300	5,793
35	U. MD College Park	26,719	18,794	23,604	22,932	0	22,932
36	George Washington U.	12,774	21,445	20,522	22,580	12,814	9,766
37	Case Western Reserve U.	15,381	5,141	17,298	22,456	17,351	5,105
38	Dartmouth C.	14,172	15,514	13,840	21,639	11,714	9,925
39	U. NE all campuses	14,848	18,168	17,675	21,128	15,980	5,148
40	U. South FL	22,680	22,563	23,779	20,934	9,743	11,191
41	U. TX Health Science Ctr. Houston	15,247	15,254	17,410	20,888	17,931	2,957
42	Georgetown U.	21,057	8,328	10,348	20,839	7,706	13,133
43	FL State U.	16,915	19,033	20,132	20,710	12,425	8,285
44	U. IA	14,317	14,584	14,452	20,575	0	20,575
45	U. Rochester	11,156	14,155	17,588	19,988	13,094	6,894
46	GA Institute of Technology all campuses	17,025	17,451	22,207	19,987	14,222	5,765

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
47	Rutgers, The State U. NJ all campuses	18,653	18,219	20,537	19,855	16,055	3,800
48	MS State U.	21,003	18,925	17,370	19,409	12,149	7,260
49	Emory U.	16,853	16,047	16,196	18,291	13,578	4,713
50	U. TX Southwestern Medical Ctr. Dallas	14,680	16,963	18,085	18,125	8,434	9,691
51	IN U. all campuses	14,382	15,960	17,561	17,932	9,918	8,014
52	U. of Medicine and Dentistry NJ	10,670	10,894	10,844	17,060	14,063	2,997
53	Wake Forest U.	14,058	14,661	22,033	16,600	10,579	6,021
54	CO State U.	6,917	13,131	15,921	16,432	NA	NA
55	Purdue U. all campuses	12,977	15,537	14,708	16,336	13,230	3,106
56	U. KY all campuses	10,775	12,486	14,731	16,010	16,010	0
57	U. VA all campuses	17,194	16,565	17,510	15,634	11,565	4,069
58	U. Dayton	9,329	15,475	15,136	15,575	1,578	13,997
59	NY U.	13,753	12,203	15,520	15,474	12,781	2,693
60	VA Polytechnic Institute and State U.	11,572	13,026	12,770	15,165	9,569	5,596
61	Hampton U.	7,861	18,925	30,612	14,776	13,978	798
62	U. NH	13,609	13,465	13,272	14,521	NA	NA
63	U. TX Medical Branch	5,323	8,443	13,974	14,457	10,753	3,704
64	U. CT all campuses	9,482	9,944	10,414	14,213	5,994	8,219
65	OR Health & Science U.	12,509	15,359	14,709	13,799	7,051	6,748
66	Medical C. WI	5,442	10,397	12,473	13,650	5,513	8,137
67	Brown U.	10,941	10,658	17,606	13,496	5,438	8,058
68	U. IL Chicago	12,748	12,473	14,485	13,412	6,647	6,765
69	MT State U. Bozeman	9,184	9,950	13,055	13,299	NA	NA
70	U. GA	13,519	15,799	17,689	13,195	NA	NA
71	Princeton U.	11,237	13,394	14,533	13,118	8,238	4,880
72	Drexel U.	10,238	12,161	11,602	13,044	NA	NA
73	U. Cincinnati all campuses	10,085	12,977	14,840	13,013	5,737	7,276
74	U. TX M. D. Anderson Cancer Ctr.	10,703	12,098	11,771	12,799	7,813	4,986
75	U. KS all campuses	10,273	14,553	9,990	12,723	9,329	3,394
76	U. Miami	8,168	9,600	12,957	12,538	6,462	6,076
77	U. AK Fairbanks all campuses	12,500	7,945	5,336	12,481	NA	NA
78	U. NM all campuses	9,191	8,721	11,602	12,334	8,057	4,277
79	U. UT	11,596	9,619	12,822	11,834	6,509	5,325
80	U. NV, Las Vegas	9,503	NA	9,062	11,494	5,611	5,883
81	OR State U.	6,556	6,221	9,877	11,395	6,541	4,854
82	NC State U.	14,055	11,130	10,891	11,243	7,651	3,592
83	Yeshiva U.	8,647	9,630	1,273	11,084	NA	NA
84	U. TX Health Science Ctr. San Antonio	8,277	5,025	11,773	10,257	3,016	7,241
85	U. OK all campuses	7,772	8,545	8,094	10,241	6,978	3,263
86	AZ State U. main campus	7,484	6,504	8,837	10,066	5,533	4,533
87	U. MA Worcester	6,206	8,081	8,533	10,012	10,012	0
88	Eastern VA Medical School	5,573	7,944	10,404	9,891	2,954	6,937
89	U. MO-Columbia	8,577	7,295	8,918	9,463	6,217	3,246
90	LA State U. all campuses	4,487	6,712	9,685	9,449	6,332	3,117
91	St. Louis U. all campuses	3,321	3,321 e	9,189	9,321	6,265	3,056
92	U. DE	5,961	7,821	7,802	9,076	3,996	5,080
93	Tulane U.	7,931	9,836	13,741	8,994	5,424	3,570

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
94	U. Southern MS	4,985	6,592	4,129	8,963	6,516	2,447
95	U. TN all campuses	9,136	10,281	9,569	8,799	5,612	3,187
96	San Diego State U.	5,464	6,026	8,011	7,973	5,038	2,935
97	WA State U.	1,581	8,612	7,215	7,708	4,976	2,732
98	Loma Linda U.	5,969	11,194	5,697	7,682	0	7,682
99	MI State U.	11,197	11,362	15,458	7,603	2,317	5,286
100	Northeastern U.	NA	NA	10,742	7,419	5,298	2,121
101	NM State U. all campuses	16,883	11,736	16,015	7,354	4,482	2,872
102	U. RI	4,504	6,129	6,058	7,324	5,305	2,019
103	Wayne State U.	7,996	7,732	9,467	7,278	3,793	3,485
104	U. ND all campuses	1,878	2,383	5,187	7,259	3,589	3,670
105	ND State U. all campuses	3,182	7,111	7,714	6,987	3,303	3,684
106	U. ID	4,468	5,970	5,608	6,964	6,243	721
107	KS State U.	5,650	9,156	7,745	6,869	4,466	2,403
108	U. of Notre Dame	3,816	5,210	7,639	6,849	6,342	507
109	Rockefeller U.	9,219	7,325	6,451	6,811	5,398	1,413
110	U. NV, Reno	2,808	3,305	4,694	6,770	3,998	2,772
111	Medical U. SC	5,048	7,957	7,756	6,732	3,945	2,787
112	U. MA Amherst	5,459	5,049	6,033	6,699	6,699	0
113	U. AR for Medical Sciences	3,778	9,304	5,098	6,574	6,509	65
114	U. AL, The	7,582	6,397	4,678	6,560	3,678	2,882
115	GA State U.	2,099	4,572	4,227	6,494	5,382	1,112
116	U. MS all campuses	16,770	11,429	8,857	6,476	5,102	1,374
117	SUNY Buffalo all campuses	10,118	10,089	8,890	6,467	3,929	2,538
118	Clemson U.	6,466	6,466	6,997	6,416	NA	NA
119	NM Institute of Mining and Technology	4,537	3,313	NA	6,403	294	6,109
120	VA Commonwealth U.	3,450	6,367	6,362	6,368	4,842	1,526
121	U. Louisville	2,955	4,632	6,233	6,362	3,817	2,545
122	Naval Postgraduate School	NA	NA	3,998	6,293	NA	NA
123	SUNY Health Science Ctr. Brooklyn	NA	NA	5,925	6,041	4,305	1,736
124	NJ Institute of Technology	NA	6,638	7,413	5,829	521	5,308
125	WV U.	8,336	10,238	5,619	5,675	2,571	3,104
126	Tufts U.	3,649	4,851	4,892	5,568	3,294	2,274
127	U. TX El Paso	4,828	6,456	5,341	5,463	2,705	2,758
128	U. VT	4,860	5,276	5,025	5,418	3,239	2,179
129	Thomas Jefferson U.	6,846	7,504	5,999	5,374	4,015	1,359
130	Rice U.	5,254	5,984	6,179	5,198	4,657	541
131	SUNY Stony Brook all campuses	6,757	7,202	7,180	5,041	498	4,543
132	Western KY U.	1,922	2,689	3,711	4,970	2,176	2,794
133	U. SC all campuses	5,386	6,711	6,042	4,871	3,889	982
134	U. MT-Missoula, The	2,225	3,588	5,072	4,729	3,612	1,117
135	Rush U.	4,835	5,167	4,471	4,721	4,721	0
136	George Mason U.	3,839	21,201	4,226	4,633	838	3,795
137	CO School of Mines	4,375	3,165	3,132	4,394	1,469	2,925
138	C. of William and Mary all campuses	2,611	3,753	4,816	4,336	2,296	2,040
139	OK State U. all campuses	6,472	8,530	5,035	4,236	NA	NA
140	Woods Hole Oceanographic Institution	3,688	4,295	5,216	4,126	2,504	1,622

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
141	U. ME	2,772	3,731	3,712	4,122	959	3,163
142	U. Central FL	1	NA	4,230	4,085	0	4,085
143	Auburn U. all campuses	4,929	5,022	3,111	4,084	4,084	0
144	Rensselaer Polytechnic Institute	1,841	2,305	4,262	4,040	3,007	1,033
145	U. AL Huntsville, The	2,114	2,984	3,932	4,027	1,893	2,134
146	Jackson State U.	2,881	6,477	6,793	4,000	1,301	2,699
147	U. MD Ctr. for Environmental Science	2,769	3,426	4,030	3,732	1,493	2,239
148	Howard U.	4,624	5,379	3,419	3,675	3,675	0
149	FL Atlantic U.	NA	1,728	1,367	3,618	2,832	786
150	Syracuse U. all campuses	3,385	6,193	3,348	3,566	2,466	1,100
151	U. MO-Rolla	1,814	3,490	1,840	3,464	801	2,663
152	FL International U.	0	0	3,710	3,378	0	3,378
153	U. TX Arlington	510	673	2,192	3,314	2,138	1,176
154	U. OR	1,413	2,922	2,910	3,257	2,429	828
155	SUNY Upstate Medical U.	1,897	852	1,524	3,227	424	2,803
156	U. SD	760	855	1,646	3,223	2,787	436
157	Morehouse C.	NA	NA	1,222	3,220	3,077	143
158	San Jose State U.	2,851	1,806	2,581	3,204	2,617	587
159	Marshall U.	1,345	1,968	2,015	3,057	2,812	245
160	Brandeis U.	2,182	2,229	2,724	2,969	1,913	1,056
161	Portland State U.	1,373	1,373 e	2,012	2,865	1,753	1,112
162	U. AR main campus	2,354	2,372	2,344	2,864	2,091	773
163	U. MA Boston	2,252	1,147	1,137	2,697	1,742	955
164	Stevens Institute of Technology	NA	2,546	3,174	2,682	1,543	1,139
165	U. TX Dallas	396	1,998	4,632	2,678	1,422	1,256
166	Boise State U.	NA	NA	NA	2,568	NA	NA
167	CA State U. Fullerton	NA	599	2,245	2,526	785	1,741
168	CA State U. San Bernardino	316	427	2,223	2,503	483	2,020
169	Northern IL U.	674	1,076	1,376	2,417	1,000	1,417
170	CUNY The City C.	1,718	2,835	2,593	2,376	0	2,376
171	SD State U.	2,105	2,136	2,438	2,374	2,374	0
172	Old Dominion U.	NA	1,873	2,417	2,349	1,663	686
173	TX A&M U. System Health Science Ctr.	1,221	1,614	1,750	2,332	2,181	151
174	U. WY	1,514	1,514 e	2,181	2,290	1,013	1,277
175	Rochester Institute of Technology	2,475	2,665	1,319	2,246	1,686	560
176	Wright State U. all campuses	1,179	1,446	2,045	2,217	1,153	1,064
177	Temple U.	2,344	3,407	2,312	2,077	1,124	953
178	Medical U. OH	1,778	870	2,181	2,040	1,200	840
179	U. MD Biotechnology Institute	1,054	2,056	2,097	2,004	1,212	792
180	U. NC Charlotte	1,594	3,278	2,346	1,990	412	1,578
181	OH U. all campuses	1,983	2,106	2,277	1,980	910	1,070
182	U. PR Medical Sciences Campus	2,096	1,358	2,044	1,874	1,874	0
183	Ball State U.	143	1,071	2,621	1,867	1,553	314
184	IL Institute of Technology	3,641	1,848	2,634	1,831	1,351	480
185	Southwest MO State U.	0	237	2,258	1,806	23	1,783
186	Western MI U.	1,092	1,136	2,091	1,749	1,022	727
187	Meharry Medical C.	155	1,380	1,697	1,727	1,039	688

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
188	FL A&M U.	NA	0	NA	1,685	1,685	0
189	U. HI Hilo	193	0	62	1,649	1,619	30
190	CA State U. Long Beach	4,856	2,911	1,966	1,616	0	1,616
191	Brigham Young U. all campuses	1,869	1,983	1,658	1,607	1,065	542
192	NC Agricultural and Technical State U.	856	1,246	1,993	1,605	861	744
193	Charles R. Drew U. of Medicine and Science	1,406	1,449	1,300	1,566	347	1,219
194	U. MO-Kansas City	1,423	1,660	1,723	1,554	1,191	363
195	TX Tech U.	1,951	1,930	1,602	1,551	1,515	36
196	SUNY Albany	1,914	1,650	1,867	1,507	705	802
197	Loyola U. Chicago	916	1,434	1,141	1,505	1,505	0
198	Medical C. GA	1,504	2,262	1,586	1,497	1,287	210
199	MI Technological U.	774	1,073	1,841	1,417	969	448
200	CUNY Hunter C.	669	855	759	1,312	292	1,020
201	U. WI Milwaukee	1,149	1,359	1,413	1,308	936	372
202	U. TX San Antonio	575	658	821	1,297	1,054	243
203	Southern Methodist U.	114	36	1,256	1,288	844	444
204	U. Memphis, The	387	512	1,255	1,287	894	393
205	U. MA Lowell	694	1,096	1,480	1,261	304	957
206	U. Tulsa	1,019	1,818	1,214	1,200	1,107	93
207	Desert Research Institute	2,408	2,116	2,179	1,199	1,008	191
208	CUNY Queens C.	1,018	771	700	1,196	0	1,196
209	Marquette U.	972	972	928	1,190	1,025	165
210	U. NC Wilmington	2,543	2,334	3,241	1,184	900	284
211	U. MA Dartmouth	1,447	1,753	1,620	1,153	653	500
212	Southern U. and A&M C. all campuses	NA	1,029	NA	1,144	NA	NA
213	U. Toledo	255	819	592	1,123	541	582
214	East Carolina U.	650	1,023	1,339	1,107	931	176
215	U. South AL	NA	1,359	806	1,073	103	970
216	Northern AZ U.	784	1,156	723	1,009	568	441
217	SUNY Binghamton	841	586	944	996	845	151
218	U. North TX Health Science Ctr. Ft. Worth	204	35	NA	985	985	0
219	ID State U.	52	205	335	949	869	80
220	Lehigh U.	850	1,330	990	940	928	12
221	Mercer U. all campuses	422	998	1,063	937	513	424
222	Southern IL U. Edwardsville	128	59	644	928	46	882
223	Bowling Green State U. all campuses	708	484	398	878	412	466
224	C. Charleston	238	565	540	830	778	52
225	NY Medical C.	699	693	953	829	694	135
226	Stephen F. Austin State U.	0	62	20	796	796	0
227	Teachers C. Columbia U.	1,282	1,131	1,224	780	NA	NA
228	U. MO-St. Louis	452	525	630	753	753	0
229	CA State Polytechnic U. San Luis Obispo	64	350	111	742	696	46
230	U. NC Greensboro	887	1,326	508	740	292	448
231	Sul Ross State U.	0	0	703	739	739	0
232	U. LA Monroe	NA	0	0	735	669	66
233	AR State U. main campus	NA	NA	6	731	75	656
234	Worcester Polytechnic Institute	594	853	439	723	628	95

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
235	Cleveland State U.	304	1,154	899	709	189	520
236	Morehouse School of Medicine	1,061	1,059	1,322	708	504	204
237	U. NC Asheville	0	0	601	663	30	633
238	U. Akron all campuses	218	390	609	661	199	462
239	Miami U. all campuses	84	192	150	656	655	1
240	MT Tech of the U. MT	356	131	213	637	42	595
241	U. LA Lafayette	6	318	415	629	395	234
242	San Francisco State U.	NA	2,420	NA	619	324	295
243	Kent State U. all campuses	1,284	821	466	573	490	83
244	CA State U. Los Angeles	298	354	442	537	537	0
245	Oakland U.	0	0	270	506	506	0
246	Southern IL U. Carbondale	480	487	752	489	227	262
247	U. PR Humacao	ne	33	127	472	472	0
248	St. Joseph's U.	434	438	262	467	412	55
249	Clarkson U.	NA	1,033	NA	457	365	92
250	Polytechnic U.	NA	279	445	454	354	100
251	TX Tech U. Health Science Ctr.	NA	155	237	452	452	0
252	TX State U. San Marcos	1,437	815	509	427	80	347
253	Black Hills State U.	ne	137	108	382	160	222
254	Catholic U. America, The	269	522	491	372	62	310
255	Albany Medical C.	67	340	188	360	329	31
256	Lincoln U. (Jefferson City, MO)	0	0	0	349	349	0
257	U. PR Rio Piedras Campus	407	518	448	343	343	0
258	TX Southern U.	0	48	25	327	327	0
259	TX A&M U. Kingsville	57	222	127	317	150	167
260	Lamar U.	1,009	681	406	310	310	0
261	SUNY C. Plattsburgh	155	114	362	310	240	70
262	Wesleyan U.	365	391	376	310	198	112
263	U. Denver	857	949	705	306	306	0
264	U.S. Coast Guard Academy	90	0	0	303	0	303
265	Savannah State U.	NA	160	269	284	284	0
266	SD School of Mines and Technology	775	491	485	281	133	148
267	OR Institute of Technology	0	0	333	276	0	276
268	Morehead State U.	0	60	400	265	215	50
269	Smith C.	0	0	81	254	58	196
270	St. John's U. (Jamaica, NY)	NA	NA	268	242	0	242
271	PA C. of Optometry	0	0	16	227	227	0
272	IN State U. all campuses	60	117	45	223	223	0
273	Nicholls State U.	0	0	434	221	0	221
274	Rowan U.	222	180	148	212	109	103
275	U. North TX	741	1,242	220	212	104	108
276	U. of the Pacific	34	142	175	211	40	171
277	Franklin & Marshall C.	9	222	140	207	207	0
278	U. West FL	739	2,414	353	202	198	4
279	AL State U.	0	200	200	200	200	0
280	U. WI Superior	4	0	44	198	198	0
281	Western U. of Health Sciences	30	24	92	198	0	198

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
282	DePaul U.	4	154	385	194	0	194
283	Central MI U.	0	680	957	192	0	192
284	NC Central U.	NA	NA	NA	188	118	70
285	Fordham U.	479	250	791	186	186	0
286	Clark Atlanta U.	1,349	1,244	316	183	154	29
287	Xavier U. LA	439	204	NA	183	145	38
288	Prairie View A&M U.	1,026	1,016	63	180	171	9
289	St. Cloud State U.	NA	0	261	180	34	146
290	Maharishi U. of Management	0	0 e	164	175	175	0
291	Spelman C.	3	0	25	175	175	0
292	IL State U.	96	210	317	174	132	42
293	Eastern MI U.	196	104	104	172	172	0
294	Ithaca C.	997	816	688	172	136	36
295	Northeastern OH Universities C. of Medicine	73	374	535	170	20	150
296	SUNY C. Brockport	88	55	125	170	170	0
297	Murray State U.	79	51	43	167	140	27
298	U. New England	ne	ne	ne	158	62	96
299	CA State U. Monterey Bay	16	0	36	154	43	111
300	Pittsburg State U.	0	0	0	150	150	0
301	Southeastern LA U.	14	55	76	150	100	50
302	Mt. Holyoke C.	53	71	51	149	100	49
303	Nova Southeastern U.	446	78	93	147	0	147
304	Philadelphia C. of Osteopathic Medicine	50	0	0	146	0	146
305	Creighton U.	459	707	451	145	70	75
306	TN Technological U.	386	252	556	145	111	34
307	Appalachian State U.	0	32	79	144	124	20
308	Western WA U.	24	16	9	140	108	32
309	Benedict C.	36	0	151	138	138	0
310	Wellesley C.	576	391	168	134	96	38
311	Vassar C.	NA	NA	23	129	129	0
312	NM Highlands U.	NA	238	84	128	113	15
313	Northwestern Health Sciences U.	ne	ne	ne	127	0	127
314	U. Scranton	213	155	100	127	0	127
315	VA State U.	0	0	0	117	35	82
316	Clark U.	45	45 e	83	116	54	62
317	Drake U.	180 e	277	27	116	116	0
318	Towson U.	53	0	50	115	115	0
319	Kettering U.	17	18	50	111	111	0
320	U. TX-Pan American	46	188	14	110	110	0
321	Pace U. all campuses	0 e	0	0	107	107	0
322	Bowdoin C.	0	0	0	105	0	105
323	Coastal Carolina U.	34	31	13	103	80	23
324	Duquesne U.	270	205	175	102	102	0
325	U. Puget Sound	ne	70	69	102	102	0
326	U. West GA	110	100	100	100	100	0
327	CA State U. Northridge	103	326	95	96	96	0
328	Rosalind Franklin U. of Medicine and Science	0	0	160	90	90	0

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
329	U. PR Mayaguez Campus	41	50	70	90	90	0
330	Western Carolina U.	0	0	429	88	58	30
331	Barnard C.	96	96 e	NA	87	87	0
332	CA State U. East Bay	NA	NA	0	86	86	0
333	Point Loma Nazarene C.	ne	ne	98	82	82	0
334	Swarthmore C.	157	175	33	81	0	81
335	LA Tech U.	861	392	293	80	39	41
336	TN State U.	40	50	68	80	47	33
337	U. Redlands	0	69	695	80	80	0
338	TX Christian U.	0	0	0	78	23	55
339	Wichita State U.	289	334	155	77	42	35
340	Furman U.	0	0	133	74	74	0
341	Harvey Mudd C.	NA	NA	3	70	70	0
342	Northern KY U.	41	13	69	69	54	15
343	U.S. Air Force Academy	0	0	200	68	68	0
344	WV State U.	NA	0	50	68	68	0
345	U. Northern CO	155	155	80	64	64	0
346	Davidson C.	ne	ne	NA	62	62	0
347	Lewis and Clark C.	0	0	0	62	62	0
348	Fairfield U.	0	0	20	60	60	0
349	Hampshire C.	139	0	323	60	60	0
350	U. AR Pine Bluff	8	0	10	59	59	0
351	Augsburg C.	0	0	0	57	57	0
352	Bryn Mawr C.	0	0	0	52	52	0
353	Ft. Valley State U.	24	76	12	50	50	0
354	U. DC	NA	0	0	50	50	0
355	Colgate U.	0	4	0	49	49	0
356	Manhattan C.	0 e	NA	NA	48	0	48
357	C. of the Holy Cross	0	38	0	41	41	0
358	TX Woman's U.	235	161	60	41	35	6
359	U. Richmond	2	2	100	41	41	0
360	Lafayette C.	191	175	16	37	37	0
361	CUNY Herbert H. Lehman C.	0	0	35	36	5	31
362	Roger Williams U. Bristol	ne	0	0	36	36	0
363	SUNY C. Buffalo	0	0	79	34	10	24
364	James Madison U.	0	31	26	33	33	0
365	Milwaukee School of Engineering	0	0	0	33	33	0
366	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	32	32	0
367	Southern OR U.	0	0	37	28	28	0
368	CA State U. Dominguez Hills	0	49	0	26	0	26
369	Amherst C.	98 e	49	54	22	22	0
370	Carleton C.	0	0	0	21	21	0
371	Bates C.	235	29	1	17	17	0
372	National U. of Health Sciences	0	0	0	16	16	0
373	Hamilton C. (Clinton, NY)	0	0	21	14	0	14
374	U. North FL	959	156	1,319	14	0	14
375	Bradley U.	61	39	1	13	13	0

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
376	Trinity U.	24	58	18	13	13	0
377	U. WI La Crosse	66	69	23	12	12	0
378	CUNY Graduate Ctr.	150	0	0	11	11	0
379	SC State U.	10	10	10	10	10	0
380	Union C. (Schenectady, NY)	0	0	0	10	10	0
381	Hope C.	0	0	18	9	9	0
382	GA Southern U.	0	0	0	8	8	0
383	Grambling State U.	0	0	102	5	5	0
384	Juniata C.	29	26	9	5	5	0
385	Tougaloo C.	NA	NA	NA	5	0	5
386	Valparaiso U.	0	9	34	5	5	0
387	Air Force Institute of Technology	NA	0	0	3	0	3
388	Occidental C.	0	NA	79	2	2	0
389	Rhodes C.	ne	ne	21	2	2	0
390	AL A&M U.	4,552	1,607	1,988	1	0	1
	A.T. Still U. of Health Sciences	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0
	Albany State U.	0	0	NA	0	0	0
	Alcorn State U.	0	0	0	0	0	0
	Alfred U. all campuses	0	0	35	0	0	0
	Allegheny C.	0	0	0	0	0	0
	American U.	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0
	Augustana C. (Sioux Falls, SD)	0	0	0	0	0	0
	Baylor U.	0	4	30	0	0	0
	Berry C.	ne	ne	ne	0	0	0
	Bluefield State C.	0	0	0	0	0	0
	Bowie State U.	0	0	0	0	0	0
	Bridgewater State C.	0	5	0	0	0	0
	Bucknell U.	0	0	0	0	0	0
	CA State Polytechnic U. Pomona	0	0	0	0	0	0
	CA State U. Bakersfield	NA	NA	0	0	0	0
	CA State U. Fresno	0	0	0	0	0	0
	Calvin C.	0	0	199	0	0	0
	Canisius C.	ne	ne	NA	0	0	0
	Central CT State U.	0	0	0	0	0	0
	Chapman U.	0	0	0	0	0	0
	Cheyney U. PA	ne	ne	ne	0	0	0
	Chicago State U.	0	NA	0	0	0	0
	Christopher Newport U.	0	0	0	0	0	0
	Clafin U.	0	0	0	0	0	0
	Claremont Graduate U.	5	0	0	0	0	0
	Colby C.	0	0	0	0	0	0
	C. NJ, The	NA	NA	NA	0	0	0
	CO State U. Pueblo	0	0	0	0	0	0

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	CT C.	NA	NA	0	0	0	0
	CUNY Baruch C.	69	0	0	0	0	0
	CUNY Brooklyn C.	0	238	190	0	0	0
	CUNY C. Staten Island	0	0	50	0	0	0
	CUNY John Jay C. of Criminal Justice	NA	0	NA	0	0	0
	CUNY Medgar Evers C.	41	0	20	0	0	0
	CUNY York C.	0	0	0	0	0	0
	DE State U.	39	NA	23	0	0	0
	Denison U.	0	0	NA	0	0	0
	Des Moines U.	0	0 e	NA	0	0	0
	Dickinson C.	46	56	42	0	0	0
	East TN State U.	0	0	NA	0	0	0
	Eastern KY U.	0	0	0	0	0	0
	Eastern OR U.	0	0	0	0	0	0
	Elizabeth City State U.	0	29	209	0	0	0
	Evergreen State C.	0	0	0	0	0	0
	Fayetteville State U.	NA	0	0	0	0	0
	Fisk U.	0	0	0	0	0	0
	Fitchburg State C.	ne	ne	0	0	0	0
	FL Gulf Coast U.	ne	0	0	0	0	0
	Ft. Lewis C.	0	0	0	0	0	0
	Fuller Theological Seminary CA	ne	ne	179	0	0	0
	Gallaudet U.	0	0	0	0	0	0
	Gettysburg C.	ne	ne	0	0	0	0
	Governors State U.	ne	ne	0	0	0	0
	Grinnell C.	0	0	0	0	0	0
	Gustavus Adolphus C.	ne	0	0	0	0	0
	Haverford C.	0	0	0	0	0	0
	Hendrix C.	ne	0	0	0	0	0
	Heritage U. (Toppenish, WA)	ne	ne	0	0	0	0
	Hofstra U.	NA	NA	NA	0	0	0
	IL Wesleyan U.	ne	ne	0	0	0	0
	Indiana U. PA all campuses	NA	NA	0	0	0	0
	Jacksonville State U.	ne	ne	NA	0	0	0
	Jacksonville U.	ne	ne	ne	0	0	0
	Jarvis Christian C.	0	0	ne	0	0	0
	John Carroll U.	0	0	0	0	0	0
	Johnson C. Smith U.	0	ne	ne	0	0	0
	Kalamazoo C.	ne	0	0	0	0	0
	Kansas City U. of Medicine and Biosciences	0	28	9	0	0	0
	Kennesaw State U.	0	95	14	0	0	0
	KY State U.	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	ne	ne	ne	0	0	0
	La Salle U.	0	0	ne	0	0	0
	Lake Forest C.	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0
	Lawrence Technological U.	0	0	0	0	0	0

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	Lawrence U.	ne	ne	ne	0	0	0
	Lincoln U. (Lincoln University, PA)	0	0	0	0	0	0
	Long Island U. all campuses	0	0	0	0	0	0
	Loyola Marymount U.	NA	0	0	0	0	0
	Loyola U. New Orleans	ne	ne	0	0	0	0
	Macalester C.	0	0	0	0	0	0
	Mayville State U.	ne	ne	0	0	0	0
	McNeese State U.	0	0	0	0	0	0
	Mercy C.	ne	ne	ne	0	0	0
	Mercyhurst C.	ne	ne	ne	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0
	Millsaps C.	ne	ne	NA	0	0	0
	Monmouth U.	ne	ne	17	0	0	0
	MT State U. Billings	ne	ne	NA	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	ne	0	0	0	0	0
	Muhlenberg C.	ne	ne	0	0	0	0
	New England C. of Optometry	0	0	0	0	0	0
	New School, The	NA	1,187	0	0	0	0
	NY Institute of Technology all campuses	NA	143	0	0	0	0
	Norfolk State U.	80	29	3	0	0	0
	Northeastern IL U.	0	0	0	0	0	0
	Northeastern State U.	0	NA	0	0	0	0
	Northwestern State U.	ne	ne	ne	0	0	0
	Oberlin C.	0	0	0	0	0	0
	OH Wesleyan U.	NA	NA	46	0	0	0
	Pacific U.	0	NA	0	0	0	0
	Philadelphia U.	ne	ne	NA	0	0	0
	Pitzer C.	0	0	0	0	0	0
	Pomona C.	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0
	Providence C.	0 e	0	0	0	0	0
	Radford U.	0	1	ne	0	0	0
	Reed C.	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0
	Rose-Hulman Institute of Technology	7	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0
	Sarah Lawrence C.	ne	ne	ne	0	0	0
	Seton Hall U.	0	0	0	0	0	0
	Shaw U.	0	NA	0	0	0	0
	Simmons C.	28	103	0	0	0	0
	Sinte Gleska U.	ne	ne	0	0	0	0
	Skidmore C.	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0
	Southeast MO State U.	ne	ne	NA	0	0	0
	Southeastern OK State U.	NA	0	0	0	0	0
	Southern U. New Orleans	0	0	ne	0	0	0

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	St. Francis U. (Loretto, PA)	ne	ne	98	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	164	148	0	0	0
	St. Olaf C.	0	0	0	0	0	0
	SUNY C. Cortland	53	13	6	0	0	0
	SUNY C. Geneseo	38	0	309	0	0	0
	SUNY C. of Optometry	0	0	NA	0	0	0
	SUNY C. Old Westbury	0	0	0	0	0	0
	SUNY C. Oswego	0	NA	0	0	0	0
	Tarleton State U.	0	0	0	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0
	TX A&M U. Corpus Christi	0	0	0	0	0	0
	Trinity C. (Hartford, CT)	102	29	0	0	0	0
	Troy U. main campus	ne	ne	ne	0	0	0
	Truman State U.	0	NA	0	0	0	0
	Tuskegee U.	NA	NA	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0
	U.S. Naval Academy	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0
	Universidad del Este	ne	ne	ne	0	0	0
	Universidad del Turabo	ne	ne	NA	0	0	0
	Universidad Metropolitana	ne	ne	NA	0	0	0
	U. Baltimore	ne	ne	666	0	0	0
	U. Central OK	0	0	0	0	0	0
	U. Detroit Mercy	0	0 e	NA	0	0	0
	U. GU	0	452	NA	0	0	0
	U. Hartford	NA	58	0	0	0	0
	U. Houston-Clear Lake	0	0	0	0	0	0
	U. Houston-Downtown	0	0	0	0	0	0
	U. IL Springfield	0	0	0	0	0	0
	U. MD Baltimore	NA	0	0	0	0	0
	U. MD Baltimore County	NA	NA	0	0	0	0
	U. MD Eastern Shore	0	0	0	0	0	0
	U. NC Pembroke	ne	ne	ne	0	0	0
	U. Northern IA	0	0	0	0	0	0
	U. Portland	0	0	0	0	0	0
	U. San Francisco	14	154	89	0	0	0
	U. of St. Thomas (St. Paul, MN)	0	0	0	0	0	0
	U. TX Tyler	ne	ne	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0
	U. of the South	ne	ne	0	0	0	0
	U. of the VI	NA	0	0	0	0	0
	U. WI Eau Claire	0	0	0	0	0	0
	U. WI Green Bay	0	0	0	0	0	0
	U. WI Oshkosh	0	0	0	0	0	0
	U. WI Parkside	0	0	36	0	0	0
	U. WI Platteville	ne	ne	0	0	0	0

TABLE 46. Federally financed R&D expenditures passed through to subrecipients by universities and colleges, ranked by all FY 2006 R&D expenditures passed through: FY 2003–06 and by type of subrecipient for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures passed through ^a	Educational subrecipients	Other subrecipients
	U. WI River Falls	0	0	0	0	0	0
	U. WI Stevens Point	0	12	0	0	0	0
	U. WI Stout	0	13	0	0	0	0
	U. WI Whitewater	0	0	0	0	0	0
	Ursinus C.	ne	ne	ne	0	0	0
	VA Military Institute	0	0	0	0	0	0
	Wabash C.	ne	0	0	0	0	0
	Washington and Lee U.	ne	ne	0	0	0	0
	West Chester U. PA	0	0	0	0	0	0
	West Liberty State C.	ne	ne	ne	0	0	0
	West TX A&M U.	0	0	0	0	0	0
	WV School of Osteopathic Medicine	0	0	0	0	0	0
	Western IL U.	0	NA	0	0	0	0
	Whitman C.	0	0	0	0	0	0
	Wilkes U.	NA	0	ne	0	0	0
	Willamette U.	0	0	0	0	0	0
	Youngstown State U.	0	0	NA	0	0	0
	All other sampled institutions	632	19,577	13,897	0	0	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

NA = not available; institution was unable to provide these data or was not surveyed separately.

ne = not eligible; institution did not meet the criteria for inclusion.

^a Detail may not add to total because of rounding and because some institutions provided only total and federal subrecipient data.

^b The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in federally financed R&D expenditures passed through to subrecipients.

NOTES: Institutions that are not listed in this table did not respond to item 1A, R&D expenditures passed through to subrecipients in FY 2006. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
	All institutions	2,605,830	3,007,204	3,280,692	3,601,880	1,584,895	1,741,925
1	MA Institute of Technology	65,736	82,264	94,397	99,245	40,733	58,512
2	Stanford U.	67,251	76,563	87,327	78,386	41,715	36,671
3	Johns Hopkins U., The ^b	51,231	56,126	62,231	70,599	NA	NA
4	Emory U.	31,503	37,912	58,236	70,181	15,766	54,415
5	Carnegie Mellon U.	28,906	43,267	52,522	69,899	11,089	58,810
6	U. CO all campuses	39,158	58,168	74,451	64,378	37,214	27,164
7	U. MI all campuses	83,643	66,584	66,009	62,996	27,232	35,764
8	U. FL	33,564	24,766	62,717	62,198	21,147	41,051
9	Columbia U. in the City of NY	41,105	42,875	51,926	57,830	25,450	32,380
10	Harvard U.	42,966	48,282	51,627	57,193	18,951	38,242
11	U. AZ	58,718	58,093	53,345	56,016	36,970	19,046
12	U. TX Austin	42,282	41,506	56,182	55,379	36,189	19,190
13	OH State U. all campuses	52,679	55,668	56,235	53,654	26,022	27,632
14	GA Institute of Technology all campuses	32,889	38,881	45,649	51,050	16,335	34,715
15	U. KY all campuses	15,891	20,556	24,416	49,979	9,097	40,882
16	U. PA	NA	41,804	47,198	49,953	27,215	22,738
17	U. Pittsburgh all campuses	26,654	34,685	42,194	45,509	21,323	24,186
18	Washington U. St. Louis	26,041	27,311	28,602	45,089	28,982	16,107
19	U. IL Urbana-Champaign	34,903	40,594	44,129	45,024	20,762	24,262
20	U. WI Madison	42,903	50,232	42,899	44,284	19,463	24,821
21	U. Southern CA	40,114	40,595	38,975	41,986	22,689	19,297
22	Purdue U. all campuses	31,003	30,396	34,401	40,065	14,834	25,231
23	Northwestern U.	31,729	35,739	37,541	39,166	NA	NA
24	U. MN all campuses	29,692	30,841	34,956	39,093	22,636	16,457
25	Cornell U. all campuses	34,552	39,018	38,367	38,886	18,701	20,185
26	Duke U.	24,740	31,283	49,087	36,357	23,081	13,276
27	U. AL Birmingham, The	28,327	35,953	37,022	35,782	19,795	15,987
28	Case Western Reserve U.	15,065	19,237	21,821	35,540	20,463	15,077
29	U. NC Chapel Hill	23,694	27,325	29,304	33,959	23,393	10,566
30	NY U.	11,481	15,581	23,211	33,701	10,647	23,054
31	Yale U.	22,774	27,189	29,307	33,479	15,288	18,191
32	U. South FL	NA	NA	NA	31,956	6,747	25,209
33	NC State U.	16,663	14,550	17,543	31,342	16,322	15,020
34	Vanderbilt U.	21,227	26,224	25,757	31,105	17,652	13,453
35	CA Institute of Technology	31,561	33,169	31,520	30,588	20,897	9,691
36	TX A&M U. all campuses	64,998	26,321	26,802	29,717	16,108	13,609
37	U. MD College Park	27,920	27,130	26,077	27,032	10,818	16,214
38	U. Chicago	19,304	25,396	24,549	25,981	14,161	11,820
39	U. IL Chicago	15,778	20,252	20,987	25,581	17,590	7,991
40	PA State U. all campuses	19,945	24,207	25,350	25,460	25,460	0
41	U. SC all campuses	17,457	19,356	8,303	24,804	16,380	8,424
42	U. TX M. D. Anderson Cancer Ctr.	11,460	13,667	25,952	24,564	10,304	14,260
43	U. NM all campuses	16,580	18,021	27,103	24,459	11,894	12,565
44	VA Polytechnic Institute and State U.	16,874	17,428	20,913	24,406	9,864	14,542
45	Boston U.	21,633	24,188	22,394	23,853	14,115	9,738
46	U. NE all campuses	13,603	20,385	25,231	23,305	9,016	14,289

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
47	U. OK all campuses	20,321	20,501	18,366	23,190	9,080	14,110
48	U. Rochester	23,587	22,266	22,121	23,146	NA	NA
49	U. HI Manoa	16,239	19,986	19,585	22,729	7,893	14,836
50	AZ State U. main campus	24,705	18,099	18,863	22,702	10,625	12,077
51	MI State U.	16,616	18,919	20,286	22,044	11,295	10,749
52	LA State U. all campuses	14,981	13,921	16,191	20,909	13,709	7,200
53	U. Dayton	5,646	8,392	10,930	20,772	4,172	16,600
54	CO State U.	13,143	20,970	22,561	20,742	NA	NA
55	OR Health & Science U.	10,144	16,433	21,643	20,594	10,360	10,234
56	U. UT	19,281	19,752	18,689	20,591	8,597	11,994
57	FL State U.	14,684	21,809	24,483	20,494	4,668	15,826
58	IN U. all campuses	16,919	16,548	17,553	20,102	13,276	6,826
59	U. TN all campuses	8,966	15,677	19,049	19,775	9,182	10,593
60	Baylor C. of Medicine	12,892	15,545	19,552	19,708	13,419	6,289
61	Scripps Research Institute, The	NA	NA	12,215	18,189	15,162	3,027
62	Medical U. SC	12,252	11,205	14,331	17,928	7,452	10,476
63	Rutgers, The State U. NJ all campuses	23,380	24,965	20,339	17,694	10,314	7,380
64	Mt. Sinai School of Medicine	12,308	15,440	13,915	17,380	11,243	6,137
65	U. TX Health Science Ctr. Houston	13,403	14,543	16,646	17,093	12,987	4,106
66	U. CT all campuses	13,623	18,087	19,245	17,083	7,994	9,089
67	OR State U.	13,796	15,414	15,637	17,051	7,826	9,225
68	MT State U. Bozeman	13,726	14,595	16,419	16,969	NA	NA
69	Princeton U.	13,102	11,596	12,603	16,194	9,852	6,342
70	Tulane U.	16,839	19,008	18,299	16,178	11,722	4,456
71	SUNY Stony Brook all campuses	9,092	31,074	14,481	16,125	6,565	9,560
72	NJ Institute of Technology	NA	11,480	15,271	15,551	1,948	13,603
73	U. VT	5,565	7,547	13,289	15,511	8,029	7,482
74	U. KS all campuses	14,191	24,710	18,587	15,371	8,297	7,074
75	MS State U.	13,300	13,774	12,961	15,007	5,996	9,011
76	Clemson U.	NA	14,365	13,712	14,876	NA	NA
77	U. IA	14,025	15,893	15,961	14,814	0	14,814
78	U. TX Southwestern Medical Ctr. Dallas	14,174	13,621	12,816	14,706	7,847	6,859
79	WV U.	13,305	14,606	13,746	14,461	6,273	8,188
80	U. NV, Reno	13,962	12,659	16,759	14,284	10,924	3,360
81	Auburn U. all campuses	14,415	13,054	14,546	13,854	5,781	8,073
82	Dartmouth C.	10,665	10,986	12,399	13,691	8,797	4,894
83	Georgetown U.	9,968	10,116	14,178	13,608	5,769	7,839
84	U. Central FL	14,376	NA	20,524	13,586	1,693	11,893
85	U. Cincinnati all campuses	10,769	12,668	13,550	13,172	4,437	8,735
86	IA State U.	NA	12,357	13,197	13,019	NA	NA
87	Yeshiva U.	3,484	4,000	12,200	12,577	NA	NA
88	U. NV, Las Vegas	4,286	NA	7,842	12,502	8,113	4,389
89	Wake Forest U.	5,165	10,544	18,772	12,480	9,835	2,645
90	U. MD Biotechnology Institute	2,812	4,904	11,319	12,354	11,212	1,142
91	Jackson State U.	4,194	2,577	1,937	12,310	2,881	9,429
92	U. MS all campuses	6,799	10,963	10,954	12,042	4,594	7,448
93	U. MO-Columbia	10,082	10,660	8,074	11,855	5,806	6,049

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
94	NM Institute of Mining and Technology	8,318	9,837	NA	11,697	1,601	10,096
95	NM State U. all campuses	8,236	14,091	14,545	11,534	3,177	8,357
96	U. GA	7,805	7,439	9,786	11,369	NA	NA
97	U. NH	11,283	13,898	11,053	11,096	NA	NA
98	Wayne State U.	7,678	9,650	9,030	11,036	5,405	5,631
99	U. MA Worcester	9,076	12,933	11,481	10,965	3,806	7,159
100	C. of William and Mary all campuses	5,193	5,935	5,305	10,829	3,853	6,976
101	Brown U.	7,829	6,644	5,720	10,817	3,811	7,006
102	U. DE	9,246	9,729	10,206	10,755	6,552	4,203
103	Woods Hole Oceanographic Institution	9,622	12,164	10,217	10,705	10,705	0
104	U. AK Fairbanks all campuses	16,448	9,412	8,631	10,671	NA	NA
105	KS State U.	10,145	12,556	12,869	10,657	5,934	4,723
106	U. AR for Medical Sciences	4,289	3,870	9,849	10,592	2,549	8,043
107	U. MA Amherst	3,671	7,401	7,683	10,575	5,955	4,620
108	U. Miami	7,531	8,290	8,683	10,394	6,730	3,664
109	Rice U.	10,556	10,683	10,442	10,302	8,139	2,163
110	Thomas Jefferson U.	10,401	12,238	9,590	10,138	5,471	4,667
111	U. TX Medical Branch	5,806	5,482	10,232	10,015	5,186	4,829
112	WA State U.	9,228	9,781	8,659	9,962	6,291	3,671
113	OK State U. all campuses	11,898	12,189	8,361	9,893	NA	NA
114	Temple U.	7,698	8,677	9,612	9,876	6,564	3,312
115	U. ME	6,276	7,092	6,033	9,861	4,420	5,441
116	Rensselaer Polytechnic Institute	7,597	9,818	10,774	9,711	4,593	5,118
117	Tufts U.	7,943	9,800	10,021	9,627	4,010	5,617
118	U. of Medicine and Dentistry NJ	2,246	3,447	4,328	9,486	4,060	5,426
119	George Washington U.	7,968	8,061	7,333	9,169	3,420	5,749
120	U. TX Health Science Ctr. San Antonio	8,795	8,014	7,536	8,685	6,446	2,239
121	U. Memphis, The	5,985	5,673	6,046	8,648	1,189	7,459
122	U. Southern MS	9,691	8,110	9,266	8,605	4,201	4,404
123	Wichita State U.	742	1,504	1,889	8,369	2,023	6,346
124	Drexel U.	6,562	7,700	7,587	8,057	NA	NA
125	VA Commonwealth U.	6,335	6,482	7,307	8,037	3,713	4,324
126	Portland State U.	5,408	5,408 e	7,493	7,825	4,014	3,811
127	ND State U. all campuses	4,964	4,007	6,785	7,369	4,587	2,782
128	Desert Research Institute	7,006	7,500	7,345	7,335	3,126	4,209
129	Medical C. WI	5,193	6,646	7,186	7,209	5,142	2,067
130	TX State U. San Marcos	656	4,422	2,233	7,034	2,814	4,220
131	Old Dominion U.	NA	12,421	5,196	6,932	3,116	3,816
132	Eastern VA Medical School	NA	5,881	6,700	6,652	1,686	4,966
133	Rockefeller U.	7,631	5,428	5,026	6,592	3,053	3,539
134	U. Southern ME	NA	NA	NA	6,517	0	6,517
135	U. Louisville	5,363	7,229	9,050	6,480	3,888	2,592
136	U. ID	6,578	9,216	7,103	6,428	3,315	3,113
137	Southern IL U. Carbondale	3,101	3,709	3,628	6,352	2,022	4,330
138	U. TX Dallas	3,168	3,906	4,414	6,292	3,248	3,044
139	Catholic U. America, The	11,883	11,517	7,715	6,277	520	5,757
140	U. OR	3,336	4,040	4,975	6,198	2,772	3,426

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
141	SUNY Health Science Ctr. Brooklyn	NA	NA	3,736	6,113	20	6,093
142	U. AL, The	5,953	5,433	5,518	5,891	2,412	3,479
143	U. NC Charlotte	1,619	4,343	5,599	5,638	1,411	4,227
144	Rush U.	8,261	8,446	7,804	5,576	3,798	1,778
145	U. AR main campus	3,313	4,439	6,135	5,480	1,849	3,631
146	Loyola U. Chicago	4,780	5,920	5,014	5,380	4,202	1,178
147	TX A&M U. Kingsville	3,109	4,053	5,240	5,339	1,586	3,753
148	U. MA Lowell	1,300	3,389	2,863	5,304	0	5,304
149	Wright State U. all campuses	2,965	6,398	3,354	5,270	1,848	3,422
150	SUNY Albany	11,027	18,966	4,700	5,075	1,781	3,294
151	Brandeis U.	3,491	3,929	4,640	4,954	3,083	1,871
152	U. MT-Missoula, The	6,711	6,265	5,024	4,910	2,286	2,624
153	San Diego State U.	4,663	3,822	5,431	4,791	4,019	772
154	George Mason U.	6,009	1,421	4,958	4,739	939	3,800
155	TX Tech U.	2,481	3,954	4,284	4,569	2,925	1,644
156	St. Louis U. all campuses	1,929	1,929 e	6,892	4,440	3,357	1,083
157	Brigham Young U. all campuses	3,402	4,222	3,625	4,352	2,724	1,628
158	MT Tech of the U. MT	2,327	3,088	3,987	4,322	2,162	2,160
159	OH U. all campuses	3,546	4,682	5,048	4,321	651	3,670
160	Mercer U. all campuses	2,335	4,560	5,307	4,236	66	4,170
161	CO School of Mines	4,017	3,432	3,380	4,191	NA	NA
162	U. of Notre Dame	4,272	6,190	5,532	4,116	1,609	2,507
163	Northeastern U.	NA	NA	3,931	4,050	2,280	1,770
164	U. MD Ctr. for Environmental Science	3,834	3,963	4,102	4,015	0	4,015
165	GA State U.	6,702	5,527	4,880	3,999	1,725	2,274
166	SUNY Upstate Medical U.	2,712	2,902	3,597	3,960	2,262	1,698
167	U. RI	4,720	2,761	3,032	3,956	977	2,979
168	SD State U.	2,360	3,715	3,853	3,941	3,298	643
169	U. AL Huntsville, The	5,644	4,976	4,721	3,900	1,363	2,537
170	U. TX El Paso	4,232	4,639	4,228	3,868	3,065	803
171	NC Agricultural and Technical State U.	2,256	3,013	3,697	3,841	2,092	1,749
172	Creighton U.	2,923	4,648	4,840	3,704	3,656	48
173	U. MO-Rolla	3,974	2,536	1,182	3,669	1,694	1,975
174	MI Technological U.	NA	4,958	4,172	3,622	NA	NA
175	FL Atlantic U.	NA	2,235	3,257	3,595	653	2,942
176	Ball State U.	1,208	2,149	2,027	3,585	493	3,092
177	U. ND all campuses	4,384	5,650	2,855	3,570	2,179	1,391
178	U. MD Baltimore County	NA	NA	3,824	3,540	1,040	2,500
179	ID State U.	3,140	3,729	4,406	3,518	1,745	1,773
180	Boston C.	NA	NA	3,136	3,461	925	2,536
181	IL Institute of Technology	3,728	4,835	3,969	3,437	1,606	1,831
182	Syracuse U. all campuses	6,350	4,647	5,948	3,429	2,292	1,137
183	U. WI Milwaukee	3,306	2,421	3,536	3,384	1,172	2,212
184	Worcester Polytechnic Institute	2,298	2,924	3,188	3,372	1,334	2,038
185	Rowan U.	2,731	2,342	2,596	3,279	1,257	2,022
186	CA State U. San Bernardino	803	263	3,831	3,256	63	3,193
187	U. Toledo	6,338	2,378	3,343	3,139	1,069	2,070

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
188	U. TX Arlington	2,307	2,198	2,424	3,114	1,149	1,965
189	NY Medical C.	959	1,620	2,142	2,969	1,291	1,678
190	Medical C. GA	1,844	2,459	2,764	2,947	2,413	534
191	Lehigh U.	NA	1,574	2,818	2,907	1,057	1,850
192	U. South AL	NA	1,747	2,017	2,899	664	2,235
193	Charles R. Drew U. of Medicine and Science	5,425	5,736	4,200	2,893	2,651	242
194	Kent State U. all campuses	1,828	1,785	2,371	2,887	1,418	1,469
195	Howard U.	6,054	6,642	5,283	2,853	2,853	0
196	U. MA Boston	3,327	2,005	2,795	2,754	1,372	1,382
197	U. WY	2,702	2,702 e	7,174	2,702	0	2,702
198	CA State Polytechnic U. San Luis Obispo	1,580	1,703	2,007	2,657	1,179	1,478
199	Miami U. all campuses	1,562	1,815	2,154	2,651	1,098	1,553
200	Western MI U.	2,212	1,620	2,406	2,592	675	1,917
201	FL International U.	5,739	6,989	1,100	2,548	1,700	848
202	CUNY Queens C.	3,107	2,976	2,550	2,540	249	2,291
203	U. MA Dartmouth	2,032	3,310	1,221	2,540	1,705	835
204	Stephen F. Austin State U.	0	26	130	2,471	0	2,471
205	Clarkson U.	NA	3,196	NA	2,392	1,369	1,023
206	Clark Atlanta U.	8,667	3,157	2,976	2,343	1,641	702
207	Rochester Institute of Technology	1,139	1,200	1,547	2,302	1,005	1,297
208	U. GU	394	1,705	NA	2,281	0	2,281
209	U. Akron all campuses	1,782	2,110	1,881	2,273	686	1,587
210	Northern IL U.	763	680	925	2,267	596	1,671
211	TX A&M U. System Health Science Ctr.	2,071	2,237	2,811	2,230	1,835	395
212	AL A&M U.	NA	2,255	1,504	2,150	1,956	194
213	James Madison U.	271	1,596	2,245	2,119	1,830	289
214	Meharry Medical C.	1,682	2,307	2,390	2,068	1,923	145
215	U. NC Wilmington	2,337	1,639	2,697	2,033	1,213	820
216	San Jose State U.	4,247	1,984	2,007	2,000	NA	NA
217	Morehouse School of Medicine	1,971	1,563	2,630	1,959	955	1,004
218	U. West FL	7,273	1,258	1,880	1,931	490	1,441
219	U. PR Medical Sciences Campus	2,967	2,001	1,737	1,874	751	1,123
220	U. North TX Health Science Ctr. Ft. Worth	800	1,207	453	1,857	1,857	0
221	U. TX San Antonio	703	896	1,315	1,827	1,281	546
222	Southern Methodist U.	729	1,701	1,393	1,807	785	1,022
223	CUNY The City C.	904	1,939	1,475	1,800	1,064	736
224	DE State U.	658	NA	1,727	1,772	1,746	26
225	U. MO-Kansas City	1,018	1,506	1,795	1,731	898	833
226	Southern U. and A&M C. all campuses	NA	622	NA	1,664	NA	NA
227	Black Hills State U.	ne	158	663	1,645	1,372	273
228	U. LA Lafayette	369	2,331	1,580	1,581	882	699
229	Western KY U.	494	925	1,031	1,566	1,330	236
230	U. HI Hilo	1,217	384	472	1,526	1,526	0
231	Teachers C. Columbia U.	1,166	1,660	1,568	1,403	NA	NA

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
232	Northern AZ U.	737	922	1,262	1,380	746	634
233	San Francisco State U.	NA	3,173	1,595	1,376	1,215	161
234	Ponce School of Medicine	132	1,004	202	1,373	0	1,373
235	Humboldt State U.	NA	NA	NA	1,299	387	912
236	Bowling Green State U. all campuses	1,712	850	1,318	1,289	946	343
237	U. Denver	2,081	1,521	1,396	1,278	594	684
238	U. NC Asheville	328	218	1,698	1,251	232	1,019
239	U. VA all campuses	273	1,191	1,682	1,250	0	1,250
240	Medical U. OH	1,506	1,056	1,098	1,165	1,023	142
241	Kettering U.	37	53	159	1,128	26	1,102
242	Naval Postgraduate School	NA	NA	1,887	1,126	588	538
243	U. NC Greensboro	1,264	1,911	483	1,125	437	688
244	TX Tech U. Health Science Ctr.	NA	1,475	1,190	1,116	754	362
245	CA State U. Long Beach	1,466	672	954	1,086	852	234
246	Cleveland State U.	679	1,106	954	1,030	607	423
247	C. Charleston	535	1,123	754	1,014	771	243
248	U. MO-St. Louis	939	877	934	1,013	364	649
249	SD School of Mines and Technology	1,300	2,085	1,793	1,000	404	596
250	Marquette U.	929	881	853	976	704	272
251	U. SD	1,006	1,164	2,687	948	285	663
252	U. AR Pine Bluff	1,942	1,512	1,176	937	456	481
253	Claffin U.	162	34	17	930	930	0
254	CUNY Hunter C.	789	554	804	928	507	421
255	DePaul U.	191	493	774	910	856	54
256	Prairie View A&M U.	427	376	1,124	907	695	212
257	TX A&M U. Corpus Christi	996	1,024	945	899	164	735
258	U. DC	1,421	1,585	853	873	10	863
259	East Carolina U.	693	1,146	933	870	551	319
260	Xavier U. LA	1,608	2,117	NA	868	681	187
261	Nova Southeastern U.	676	412	552	861	456	405
262	CA State U. Dominguez Hills	260	427	1,101	850	794	56
263	Marshall U.	1,183	6,281	6,362	850	414	436
264	IL State U.	1,204	951	1,059	819	635	184
265	U. North TX	1,019	689	280	814	201	613
266	Stevens Institute of Technology	NA	576	827	806	311	495
267	NY Institute of Technology all campuses	NA	0	300	798	52	746
268	Coastal Carolina U.	533	636	366	791	98	693
269	CA State Polytechnic U. Pomona	271	819	2,001	778	231	547
270	Loma Linda U.	2,392	1,930	1,338	759	292	467
271	Augustana C. (Sioux Falls, SD)	78	104	603	749	749	0
272	Bates C.	158	211	508	745	78	667
273	Eastern MI U.	314	950	606	737	94	643
274	Morgan State U.	581	830	891	720	638	82
275	Northern KY U.	133	255	624	720	663	57
276	Universidad Central del Caribe	1,468	1,434	550	703	508	195
277	Baylor U.	307	792	1,006	700	190	510
278	CA State U. Los Angeles	567	700	980	699	490	209

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
279	Furman U.	320	684	433	695	506	189
280	Bowdoin C.	122	248	486	679	248	431
281	U. Northern CO	331	699	1,012	667	487	180
282	Murray State U.	731	828	1,114	665	519	146
283	AR State U. main campus	NA	NA	341	644	484	160
284	Hampton U.	2,209	1,897	689	619	379	240
285	Southern IL U. Edwardsville	529	389	175	616	103	513
286	U. TX-Pan American	195	588	276	616	370	246
287	Duquesne U.	232	577	560	605	498	107
288	U. North FL	1,301	402	936	603	518	85
289	MT State U. Billings	ne	ne	NA	587	587	0
290	Polytechnic U.	NA	1,025	1,075	581	500	81
291	TN Technological U.	365	1,080	910	570	213	357
292	Colby C.	0	62	430	565	49	516
293	St. Francis U. (Loretto, PA)	ne	ne	412	552	552	0
294	CA State U. Northridge	1,070	391	533	549	549	0
295	Roger Williams U. Bristol	ne	123	396	549	546	3
296	Gallaudet U.	924	706	775	541	534	7
297	U. Tulsa	592	755	649	535	430	105
298	Mt. Holyoke C.	210	260	458	527	116	411
299	CUNY Brooklyn C.	0	652	567	504	157	347
300	CUNY Graduate Ctr.	600	0	0	494	494	0
301	Rosalind Franklin U. of Medicine and Science	0	0	539	484	484	0
302	Western Carolina U.	99	89	577	482	445	37
303	Morehead State U.	559	377	928	480	429	51
304	CA State U. Monterey Bay	592	135	596	477	303	174
305	U. New England	ne	ne	ne	474	0	474
306	Millsaps C.	ne	ne	NA	458	458	0
307	Hendrix C.	ne	138	340	456	437	19
308	Lamar U.	789	879	248	455	194	261
309	LA Tech U.	489	216	360	455	75	380
310	Swarthmore C.	62	456	416	444	146	298
311	Morehouse C.	NA	NA	346	442	440	2
312	Wesleyan U.	153	306	553	423	124	299
313	Wellesley C.	1,470	1,499	779	413	124	289
314	Fordham U.	1,168	363	282	412	412	0
315	Northeastern State U.	422	NA	336	404	261	143
316	West Liberty State C.	ne	ne	ne	402	402	0
317	Albany State U.	0	NA	NA	393	393	0
318	Savannah State U.	NA	478	581	386	364	22
319	SUNY C. Geneseo	366	358	309	385	374	11
320	Smith C.	205	237	122	382	361	21
321	TX Southern U.	418	1,441	225	382	32	350
322	GA Southern U.	592	522	467	377	212	165
323	U. WI Green Bay	521	752	454	377	295	82
324	Eastern KY U.	156	62	191	374	374	0

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
325	John Carroll U.	0	46	309	373	373	0
326	Bryn Mawr C.	134	168	152	372	298	74
327	Central MI U.	79	292	303	366	227	139
328	WV State U.	NA	0	237	365	356	9
329	U. WI Stevens Point	47	85	226	364	0	364
330	Appalachian State U.	9	21	101	362	337	25
331	Tougaloo C.	NA	NA	NA	359	359	0
332	Providence C.	63 e	167	181	358	358	0
333	Central WA U.	86	92	356	343	70	273
334	FL Institute of Technology	173	872	410	336	0	336
335	NM Highlands U.	293	222	272	335	335	0
336	Norfolk State U.	17	97	246	332	130	202
337	Southwest MO State U.	123	324	408	331	7	324
338	U. TX Tyler	ne	ne	0	326	242	84
339	Philadelphia U.	ne	ne	NA	317	0	317
340	U. LA Monroe	NA	720	654	317	317	0
341	Alfred U. all campuses	196	341	323	312	73	239
342	Oakland U.	257	95	367	308	266	42
343	Sinte Gleska U.	ne	ne	151	301	301	0
344	U. WI La Crosse	186	272	320	301	185	116
345	Universidad del Turabo	ne	ne	NA	291	291	0
346	Southeastern OK State U.	NA	0	198	290	280	10
347	CA State U. Fullerton	NA	236	561	285	278	7
348	St. Cloud State U.	NA	0	NA	282	4	278
349	CUNY C. Staten Island	228	237	288	281	281	0
350	Saginaw Valley State U.	149	97	173	275	57	218
351	U. Central OK	10	10	100	275	275	0
352	CA State U. East Bay	NA	NA	489	271	271	0
353	American U.	138	275	304	269	48	221
354	Ft. Valley State U.	146	282	285	266	266	0
355	Central CT State U.	249	148	158	264	0	264
356	Grand Valley State U.	313	251	170	259	57	202
357	Grambling State U.	338	412	323	258	41	217
358	Claremont Graduate U.	273	299	189	253	246	7
359	Carleton C.	56	0	0	246	220	26
360	CA State U. Fresno	600	482	280	245	245	0
361	Mayville State U.	ne	ne	185	243	243	0
362	Universidad Metropolitana	ne	ne	NA	240	0	240
363	Spelman C.	156	283	358	228	228	0
364	IL Wesleyan U.	ne	ne	218	226	0	226
365	King's C. (Wilkes-Barre, PA)	ne	ne	ne	212	212	0
366	New England C. of Optometry	38	149	152	208	134	74
367	Lincoln U. (Lincoln University, PA)	347	181	181	202	202	0
368	Nicholls State U.	60	274	390	201	91	110
369	IN State U. all campuses	78	172	174	192	86	106
370	KY State U.	72	157	177	188	188	0
371	Western U. of Health Sciences	76	248	482	188	186	2

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
372	SUNY C. Plattsburgh	407	440	156	185	130	55
373	U. PR Rio Piedras Campus	193	300	268	185	185	0
374	Midwestern U. (Chicago, IL)	106	107	1,155	171	171	0
375	U. PR Humacao	ne	39	647	168	168	0
376	Northwestern State U.	ne	ne	ne	167	167	0
377	Pace U. all campuses	162 e	103	198	164	142	22
378	VA State U.	0	0	244	157	104	53
379	Colgate U.	86	105	89	153	153	0
380	Valparaiso U.	29	100	49	153	131	22
381	Western WA U.	451	305	225	153	153	0
382	NC Central U.	NA	NA	NA	151	19	132
383	Benedict C.	95	15	191	142	142	0
384	Dickinson C.	16	175	8	138	138	0
385	Loyola Marymount U.	NA	0	32	138	99	39
386	U. San Francisco	81	101	152	132	114	18
387	Pacific U.	0	NA	0	125	125	0
388	U. Richmond	75	131	101	125	80	45
389	U. WI Oshkosh	90	46	115	125	38	87
390	Bowie State U.	119	141	208	124	124	0
391	U. Baltimore	ne	ne	213	120	120	0
392	U. West GA	61	60	120	120	120	0
393	Ithaca C.	181	198	59	117	117	0
394	Manhattan C.	257 e	NA	NA	117	117	0
395	TX Woman's U.	430	326	358	117	17	100
396	Albany Medical C.	106	217	192	115	25	90
397	CUNY Herbert H. Lehman C.	2	1	73	115	49	66
398	Amherst C.	60 e	123	236	114	114	0
399	CT C.	NA	NA	61	110	50	60
400	Milwaukee School of Engineering	250	506	226	108	67	41
401	St. John's U. (Jamaica, NY)	NA	NA	127	106	0	106
402	U. of St. Thomas (St. Paul, MN)	111	91	48	105	87	18
403	Trinity C. (Hartford, CT)	106	51	98	103	103	0
404	Johnson C. Smith U.	0	ne	ne	102	102	0
405	La Salle U.	0	0	ne	101	101	0
406	AL State U.	0	500	100	100	100	0
407	Seton Hall U.	0	0	313	97	97	0
408	Barnard C.	40	40 e	NA	95	95	0
409	C. of the Holy Cross	58	58	31	95	95	0
410	Indiana U. PA all campuses	379	393	120	92	77	15
411	TX Christian U.	85	211	207	91	91	0
412	SUNY C. Cortland	0	NA	81	90	7	83
413	U. Puget Sound	ne	248	91	90	90	0
414	Fairfield U.	8	199	186	89	75	14
415	Roanoke C.	46	118	74	87	87	0
416	Rose-Hulman Institute of Technology	16	0	24	86	32	54
417	U. WI Eau Claire	116	178	121	80	63	17
418	U. Northern IA	85	168	159	79	44	35

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
419	Christopher Newport U.	25	56	18	77	30	47
420	Southeast MO State U.	ne	ne	NA	77	77	0
421	Vassar C.	NA	NA	NA	77	9	68
422	Berry C.	ne	ne	ne	75	75	0
423	Clark U.	230	230 e	213	75	36	39
424	New School, The	NA	0	0	74	0	74
425	U. Houston-Downtown	7	154	77	74	74	0
426	Pittsburg State U.	41	134	391	73	73	0
427	Occidental C.	241	NA	143	71	0	71
428	PA C. of Optometry	294	302	120	70	70	0
429	U. PR Mayaguez Campus	23	60	80	70	70	0
430	Franklin & Marshall C.	92	21	60	68	50	18
431	Pomona C.	58	43	119	68	68	0
432	U. Redlands	5	12	64	68	20	48
433	Northeastern OH Universities C. of Medicine	211	185	72	66	43	23
434	Rhodes C.	ne	ne	2	66	66	0
435	Towson U.	188	21	37	66	56	10
436	Hofstra U.	NA	NA	NA	62	62	0
437	Mercyhurst C.	ne	ne	ne	62	25	37
438	Bradley U.	304	188	72	61	61	0
439	Fisk U.	200	100	100	60	30	30
440	Southern U. New Orleans	141	133	56	56	56	0
441	Andrews U.	252	143	87	54	0	54
442	Monmouth U.	ne	ne	94	54	52	2
443	St. Joseph's U.	211	34	70	54	42	12
444	U. of the Pacific	272	224	18	53	14	39
445	Elizabeth City State U.	37	91	26	52	52	0
446	Ft. Lewis C.	110	55	31	52	52	0
447	Juniata C.	19	161	42	52	17	35
448	Southeastern LA U.	0	NA	NA	50	50	0
449	U. WI River Falls	4	36	38	50	38	12
450	Bridgewater State C.	135	5	94	47	47	0
451	CA State U. Bakersfield	NA	NA	0	47	47	0
452	Harvey Mudd C.	NA	NA	0	45	39	6
453	SUNY C. Brockport	67	0	41	45	33	12
454	TN State U.	38	49	40	43	43	0
455	Fuller Theological Seminary CA	ne	ne	91	42	42	0
456	Truman State U.	0	NA	0	42	42	0
457	Simmons C.	125	161	52	40	40	0
458	Philadelphia C. of Osteopathic Medicine	0	0	0	38	38	0
459	U. MD Eastern Shore	48	22	55	37	37	0
460	Haverford C.	99	108	67	36	36	0
461	Bucknell U.	126	41	105	34	1	33
462	Shaw U.	78	78	28	33	33	0
463	West Chester U. PA	111	263	56	33	33	0
464	Troy U. main campus	ne	ne	ne	32	0	32

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
465	CO State U. Pueblo	0	0	0	29	29	0
466	Gustavus Adolphus C.	ne	2	15	29	13	16
467	U. WI Platteville	ne	ne	28	29	0	29
468	Wilkes U.	43	128	ne	29	0	29
469	Southern OR U.	0	3	15	28	8	20
470	Hampshire C.	98	99	53	27	27	0
471	U. of the South	ne	ne	16	27	11	16
472	U. WI Whitewater	7	45	51	27	0	27
473	CUNY Baruch C.	5	1	0	26	26	0
474	Fayetteville State U.	NA	0	129	26	26	0
475	Kansas City U. of Medicine and Biosciences	31	0	20	25	25	0
476	Lawrence U.	ne	ne	ne	25	25	0
477	Heritage U. (Toppenish, WA)	ne	ne	28	24	24	0
478	Augsburg C.	57	71	68	23	23	0
479	Evergreen State C.	88	97	0	23	23	0
480	Long Island U. all campuses	0	0	NA	22	22	0
481	SUNY Fredonia	24	0	0	20	20	0
482	Air Force Institute of Technology	NA	12	64	17	17	0
483	Hope C.	0	0	18	17	17	0
484	Central State U.	NA	NA	47	16	0	16
485	U. Portland	0	0	28	16	16	0
486	Hamilton C. (Clinton, NY)	97	14	147	15	15	0
487	MN State U. Mankato	0	NA	21	14	14	0
488	Northwestern Health Sciences U.	ne	ne	ne	13	0	13
489	Wabash C.	ne	17	0	13	13	0
490	Loyola U. New Orleans	ne	ne	152	11	11	0
491	Rider U.	17	69	7	11	0	11
492	Alcorn State U.	0	0	25	10	10	0
493	SC State U.	10	10	10	10	10	0
494	Union C. (Schenectady, NY)	0	196	28	10	10	0
495	U. IL Springfield	362	72	8	10	0	10
496	Eastern OR U.	41	9	7	8	8	0
497	Governors State U.	ne	ne	16	8	8	0
498	Lafayette C.	306	364	31	7	7	0
499	U. WI Superior	0	0	0	7	0	7
500	U. WI Stout	0	0	0	6	6	0
501	CUNY York C.	NA	0	0	5	5	0
502	Davidson C.	ne	ne	NA	5	5	0
503	Gettysburg C.	ne	ne	5	5	5	0
504	St. Mary's C. MD	0	0	0	5	5	0
505	Trinity U.	69	52	7	5	5	0
506	Bluefield State C.	18	149	99	3	3	0
507	Ursinus C.	ne	ne	ne	3	3	0
508	Radford U.	60	35	ne	2	0	2
509	Lawrence Technological U.	133	3	0	1	0	1
510	U. Scranton	588	366	212	1	0	1

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
	A.T. Still U. of Health Sciences	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0
	Allegheny C.	12	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0
	Calvin C.	0	0	0	0	0	0
	Canisius C.	ne	ne	NA	0	0	0
	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	0	0	0
	Chapman U.	0	0	13	0	0	0
	Cheyney U. PA	ne	ne	ne	0	0	0
	Chicago State U.	0	NA	0	0	0	0
	C. NJ, The	NA	NA	NA	0	0	0
	CUNY John Jay C. of Criminal Justice	NA	0	NA	0	0	0
	CUNY Medgar Evers C.	0	0	0	0	0	0
	Denison U.	0	0	NA	0	0	0
	Des Moines U.	15	15 e	NA	0	0	0
	Drake U.	170 e	189	65	0	0	0
	East TN State U.	0	0	NA	0	0	0
	Fitchburg State C.	ne	ne	0	0	0	0
	FL Gulf Coast U.	ne	0	0	0	0	0
	Grinnell C.	33	0	162	0	0	0
	Jacksonville State U.	ne	ne	NA	0	0	0
	Jacksonville U.	ne	ne	ne	0	0	0
	Jarvis Christian C.	0	0	ne	0	0	0
	Kalamazoo C.	ne	0	0	0	0	0
	Kennesaw State U.	0	59	59	0	0	0
	Lake Forest C.	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0
	Lewis and Clark C.	18	0	45	0	0	0
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0
	Maharishi U. of Management	10	10 e	0	0	0	0
	McNeese State U.	0	0	0	0	0	0
	Mercy C.	ne	ne	ne	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	ne	0	0	0	0	0
	Muhlenberg C.	ne	ne	0	0	0	0
	National U. of Health Sciences	362	31	51	0	0	0
	Northeastern IL U.	0	0	3	0	0	0
	Oberlin C.	0	13	2	0	0	0
	OH Wesleyan U.	NA	NA	0	0	0	0
	OR Institute of Technology	0	0	0	0	0	0
	Pitzer C.	20	0	0	0	0	0
	Point Loma Nazarene C.	ne	ne	0	0	0	0
	Reed C.	0	0	0	0	0	0
	Sarah Lawrence C.	ne	ne	ne	0	0	0
	Skidmore C.	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0

TABLE 47. R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
	St. Mary's U. (San Antonio, TX)	0	184	194	0	0	0
	St. Olaf C.	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0
	SUNY C. Buffalo	0	0	9	0	0	0
	SUNY C. of Optometry	0	0	NA	0	0	0
	SUNY C. Old Westbury	22	0	5	0	0	0
	SUNY C. Oswego	NA	42	0	0	0	0
	Tarleton State U.	323	657	118	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0
	Tuskegee U.	NA	NA	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0
	U.S. Air Force Academy	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	256	0	0	0	0
	U.S. Naval Academy	0	0	0	0	0	0
	Universidad del Este	ne	ne	ne	0	0	0
	U. AK Southeast all campuses	NA	NA	NA	0	0	0
	U. Detroit Mercy	15	15 e	NA	0	0	0
	U. Hartford	NA	46	0	0	0	0
	U. Houston-Clear Lake	0	18	0	0	0	0
	U. MD Baltimore	NA	0	0	0	0	0
	U. NC Pembroke	ne	ne	ne	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0
	U. of the VI	NA	2,804	0	0	0	0
	U. WI Parkside	3	13	0	0	0	0
	VA Military Institute	0	0	0	0	0	0
	Washington and Lee U.	ne	ne	0	0	0	0
	West TX A&M U.	863	0	0	0	0	0
	WV School of Osteopathic Medicine	3	133	96	0	0	0
	Western IL U.	0	NA	0	0	0	0
	Whitman C.	0	0	0	0	0	0
	Willamette U.	0	0	0	0	0	0
	Youngstown State U.	0	0	NA	0	0	0
	All other sampled institutions	3,513	25,237	4,730	0	0	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

NA = not available; institution was unable to provide these data or was not surveyed separately.

ne = not eligible; institution did not meet the criteria for inclusion.

^a Detail may not add to total because of rounding and because some institutions provided only total and federal subrecipient data.

^b The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in total R&D expenditures received as a subrecipient.

NOTES: Institutions that are not listed in this table did not respond to item 1B, R&D expenditures received as a subrecipient in FY 2006. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
	All institutions	2,316,604	2,673,690	2,913,451	3,217,781	1,451,709	1,516,904
1	MA Institute of Technology	59,527	75,231	82,918	91,013	36,512	54,501
2	Stanford U.	55,458	65,427	77,352	70,815	37,242	33,573
3	Johns Hopkins U., The ^b	51,231	56,126	62,231	70,599	NA	NA
4	Carnegie Mellon U.	28,197	42,108	51,131	68,140	10,459	57,681
5	U. CO all campuses	39,158	58,168	74,451	64,378	37,214	27,164
6	U. FL	28,512	23,429	59,331	59,088	19,920	39,168
7	U. MI all campuses	74,523	58,256	57,862	57,843	25,424	32,419
8	U. AZ	58,718	58,093	53,345	56,016	36,970	19,046
9	U. TX Austin	42,282	41,506	56,182	55,379	36,189	19,190
10	Columbia U. in the City of NY	39,676	40,380	42,517	54,938	24,173	30,765
11	Harvard U.	40,968	45,623	49,182	53,293	16,769	36,524
12	GA Institute of Technology all campuses	32,889	38,881	45,649	51,050	16,335	34,715
13	U. KY all campuses	15,891	20,556	24,416	49,979	9,097	40,882
14	U. PA	NA	33,171	43,547	46,130	26,243	19,887
15	U. Pittsburgh all campuses	26,198	34,267	42,179	45,328	21,276	24,052
16	U. WI Madison	42,903	50,232	42,588	43,971	19,365	24,606
17	U. IL Urbana-Champaign	31,520	37,179	39,422	40,704	19,210	21,494
18	U. MN all campuses	26,552	28,047	31,380	36,313	21,389	14,924
19	Cornell U. all campuses	33,190	37,253	36,591	36,234	16,049	20,185
20	U. Southern CA	32,002	34,278	32,963	36,053	20,329	15,724
21	U. AL Birmingham, The	28,327	35,953	37,022	35,782	19,795	15,987
22	Emory U.	24,813	30,862	35,731	34,774	15,766	19,008
23	Yale U.	22,774	27,189	29,307	33,479	15,288	18,191
24	Northwestern U.	25,966	28,936	30,536	32,174	NA	NA
25	U. South FL	NA	NA	NA	31,956	6,747	25,209
26	U. NC Chapel Hill	20,995	24,105	26,606	31,373	21,255	10,118
27	NC State U.	16,663	14,550	17,543	31,342	16,322	15,020
28	Washington U. St. Louis	25,628	26,807	27,672	31,211	20,380	10,831
29	Vanderbilt U.	21,227	26,224	25,754	31,105	17,652	13,453
30	CA Institute of Technology	31,561	33,169	31,520	30,588	20,897	9,691
31	OH State U. all campuses	719	41,207	39,511	29,008	18,055	10,953
32	Purdue U. all campuses	19,192	15,538	23,082	27,841	14,833	13,008
33	TX A&M U. all campuses	63,653	24,160	25,431	27,600	15,166	12,434
34	Case Western Reserve U.	15,065	18,745	19,348	27,384	18,539	8,845
35	U. Chicago	19,060	24,388	23,408	25,539	13,828	11,711
36	U. TX M. D. Anderson Cancer Ctr.	11,460	13,667	25,952	24,564	10,304	14,260
37	U. NM all campuses	16,580	18,021	27,103	24,459	11,894	12,565
38	VA Polytechnic Institute and State U.	16,874	17,428	20,913	24,406	9,864	14,542
39	Boston U.	21,633	24,188	22,394	23,853	14,115	9,738
40	U. OK all campuses	20,321	20,501	18,366	23,190	9,080	14,110
41	U. IL Chicago	12,294	18,174	20,972	22,831	17,392	5,439
42	U. HI Manoa	16,239	19,986	19,585	22,729	7,893	14,836
43	NY U.	9,930	14,985	18,953	22,722	9,973	12,749
44	PA State U. all campuses	14,876	19,393	19,221	22,184	22,184	0
45	AZ State U. main campus	23,903	17,366	18,318	22,124	10,104	12,020
46	U. NE all campuses	13,218	19,740	24,688	22,077	8,196	13,881

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
47	U. Rochester	21,126	19,362	19,236	22,010	NA	NA
48	U. SC all campuses	17,457	19,356	8,303	21,322	16,000	5,322
49	MI State U.	15,869	17,691	19,358	20,762	11,227	9,535
50	CO State U.	13,143	20,970	22,561	20,701	NA	NA
51	FL State U.	14,684	21,809	24,483	20,494	4,668	15,826
52	U. UT	18,614	19,069	18,043	20,379	8,400	11,979
53	Baylor C. of Medicine	12,892	15,545	19,552	19,708	13,419	6,289
54	OR Health & Science U.	9,645	15,201	19,474	18,303	9,585	8,718
55	IN U. all campuses	15,784	15,186	15,791	18,075	11,249	6,826
56	Scripps Research Institute, The	NA	NA	12,100	17,783	14,756	3,027
57	U. Dayton	5,588	8,250	10,206	17,481	908	16,573
58	U. TX Health Science Ctr. Houston	13,403	14,543	16,646	17,093	12,987	4,106
59	U. CT all campuses	13,623	18,087	19,245	17,083	7,994	9,089
60	Medical U. SC	12,252	11,048	13,659	17,042	7,039	10,003
61	Rutgers, The State U. NJ all campuses	21,155	23,750	19,680	16,991	9,890	7,101
62	U. MD College Park	22,068	18,240	14,099	16,980	8,633	8,347
63	SUNY Stony Brook all campuses	9,092	16,142	12,946	16,125	6,565	9,560
64	Princeton U.	11,960	10,979	12,383	16,094	9,752	6,342
65	Mt. Sinai School of Medicine	12,308	15,440	13,166	15,839	10,563	5,276
66	NJ Institute of Technology	NA	11,136	14,582	15,328	1,859	13,469
67	OR State U.	13,036	14,307	14,778	15,298	7,064	8,234
68	U. KS all campuses	14,184	24,699	18,587	15,075	8,001	7,074
69	Tulane U.	15,489	15,301	16,497	15,067	10,667	4,400
70	MS State U.	12,893	13,757	12,861	14,913	5,990	8,923
71	Clemson U.	NA	14,365	13,712	14,876	NA	NA
72	MT State U. Bozeman	10,980	11,676	13,797	14,763	NA	NA
73	WV U.	13,305	14,606	13,746	14,461	6,273	8,188
74	U. TX Southwestern Medical Ctr. Dallas	12,512	12,264	12,792	14,401	7,847	6,554
75	Auburn U. all campuses	14,415	13,054	14,546	13,854	5,781	8,073
76	U. IA	12,416	14,734	12,848	13,803	0	13,803
77	Dartmouth C.	10,665	10,986	12,399	13,691	8,797	4,894
78	U. Central FL	14,376	NA	0	13,586	1,693	11,893
79	U. NV, Reno	13,962	12,659	16,386	13,213	9,866	3,347
80	IA State U.	NA	12,357	13,197	13,019	NA	NA
81	Georgetown U.	8,558	8,430	13,825	12,900	5,326	7,574
82	U. Cincinnati all campuses	10,165	12,169	12,523	12,832	4,305	8,527
83	Wake Forest U.	5,165	10,544	18,772	12,480	9,835	2,645
84	U. MD Biotechnology Institute	2,812	4,904	11,319	12,354	11,212	1,142
85	Jackson State U.	4,194	2,577	1,937	12,037	2,875	9,162
86	U. MO-Columbia	10,082	10,660	8,074	11,855	5,806	6,049
87	U. VT	5,565	7,547	11,960	11,782	7,033	4,749
88	NM State U. all campuses	8,236	14,091	14,545	11,401	3,044	8,357
89	U. GA	7,805	7,439	9,786	11,369	NA	NA
90	U. NH	11,283	0	0	11,096	NA	NA
91	Wayne State U.	7,678	9,650	9,030	11,036	5,405	5,631
92	U. MA Worcester	9,076	12,933	11,481	10,965	3,806	7,159
93	C. of William and Mary all campuses	5,191	5,924	5,290	10,829	3,853	6,976

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
94	Brown U.	7,829	6,644	5,720	10,817	3,811	7,006
95	U. DE	9,246	9,729	10,206	10,755	6,552	4,203
96	Woods Hole Oceanographic Institution	9,622	12,164	10,217	10,705	10,705	0
97	KS State U.	10,145	12,556	12,869	10,657	5,934	4,723
98	U. MA Amherst	3,671	3,952	2,760	10,575	5,955	4,620
99	Rice U.	9,748	10,683	10,442	10,302	8,139	2,163
100	NM Institute of Mining and Technology	8,318	9,837	NA	10,169	1,601	8,568
101	U. TX Medical Branch	5,806	5,482	9,800	10,015	5,186	4,829
102	WA State U.	9,228	9,781	8,659	9,962	6,291	3,671
103	OK State U. all campuses	11,895	12,189	8,361	9,893	NA	NA
104	Rensselaer Polytechnic Institute	7,597	9,818	10,774	9,711	4,593	5,118
105	U. AR for Medical Sciences	4,289	3,870	7,216	9,586	2,549	7,037
106	U. Miami	6,875	7,445	8,176	9,395	6,081	3,314
107	U. AK Fairbanks all campuses	994	51	7,435	9,159	NA	NA
108	U. of Medicine and Dentistry NJ	2,246	3,447	4,328	8,766	4,060	4,706
109	Thomas Jefferson U.	10,401	10,896	9,205	8,735	5,254	3,481
110	U. TX Health Science Ctr. San Antonio	8,795	8,014	7,536	8,685	6,446	2,239
111	Tufts U.	6,390	8,335	9,020	8,655	3,669	4,986
112	U. Memphis, The	5,985	5,673	6,046	8,511	1,052	7,459
113	U. NV, Las Vegas	4,261	NA	4,928	8,395	7,988	407
114	Wichita State U.	602	1,253	1,849	8,304	1,970	6,334
115	U. Southern MS	9,457	7,973	9,155	8,105	4,201	3,904
116	Drexel U.	6,562	7,700	7,587	8,057	NA	NA
117	Portland State U.	5,404	5,404 e	7,484	7,811	4,014	3,797
118	Temple U.	5,943	6,750	8,104	7,710	5,395	2,315
119	U. ME	5,705	6,288	5,713	7,691	4,325	3,366
120	U. MS all campuses	6,799	10,468	9,784	7,598	4,152	3,446
121	ND State U. all campuses	4,964	4,007	6,785	7,369	4,587	2,782
122	Desert Research Institute	6,211	6,860	7,345	7,335	3,126	4,209
123	Medical C. WI	5,045	6,414	6,881	6,995	4,938	2,057
124	Rockefeller U.	3,702	3,828	5,026	6,592	3,053	3,539
125	U. Southern ME	NA	NA	NA	6,517	0	6,517
126	George Washington U.	6,566	7,427	6,560	6,432	3,220	3,212
127	U. ID	6,578	8,180	6,743	6,409	3,315	3,094
128	Southern IL U. Carbondale	3,101	3,709	3,628	6,352	2,022	4,330
129	U. TX Dallas	3,168	3,906	4,414	6,292	3,248	3,044
130	Catholic U. America, The	11,883	11,517	7,715	6,277	520	5,757
131	Eastern VA Medical School	NA	5,881	6,700	6,119	1,540	4,579
132	SUNY Health Science Ctr. Brooklyn	NA	NA	3,736	6,060	20	6,040
133	Old Dominion U.	NA	12,421	5,196	6,025	2,220	3,805
134	U. Louisville	4,643	6,487	7,759	5,976	3,586	2,390
135	U. AL, The	5,937	5,413	5,452	5,885	2,412	3,473
136	U. OR	2,678	3,819	4,617	5,623	2,622	3,001
137	Rush U.	8,261	8,446	7,804	5,576	3,798	1,778
138	VA Commonwealth U.	5,392	5,644	5,271	5,557	3,436	2,121
139	LA State U. all campuses	2,717	3,833	167	5,344	4,530	814
140	U. MA Lowell	988	3,389	2,863	5,304	0	5,304

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
141	U. AR main campus	3,182	4,346	5,981	5,275	1,849	3,426
142	SUNY Albany	6,302	6,027	4,700	5,014	1,725	3,289
143	TX A&M U. Kingsville	2,766	3,789	4,971	4,625	1,586	3,039
144	U. MT-Missoula, The	6,711	5,857	4,630	4,605	2,186	2,419
145	George Mason U.	5,821	1,214	4,958	4,581	899	3,682
146	San Diego State U.	4,161	3,627	5,276	4,483	3,723	760
147	Wright State U. all campuses	2,618	4,926	2,353	4,458	1,555	2,903
148	Brandeis U.	3,268	3,528	3,612	4,364	2,879	1,485
149	Brigham Young U. all campuses	3,402	4,222	3,625	4,352	2,724	1,628
150	St. Louis U. all campuses	1,919	1,919 e	6,892	4,292	3,230	1,062
151	TX Tech U.	2,481	2,908	3,844	4,239	2,595	1,644
152	CO School of Mines	4,017	3,432	3,380	4,191	NA	NA
153	MT Tech of the U. MT	1,530	1,262	3,526	4,053	2,151	1,902
154	Northeastern U.	NA	NA	3,931	4,050	2,280	1,770
155	GA State U.	6,702	5,527	4,880	3,999	1,725	2,274
156	SUNY Upstate Medical U.	2,712	2,902	3,597	3,960	2,262	1,698
157	U. TX El Paso	4,232	4,639	4,228	3,868	3,065	803
158	NC Agricultural and Technical State U.	2,225	2,998	3,696	3,841	2,092	1,749
159	U. AL Huntsville, The	5,534	4,878	4,629	3,823	1,336	2,487
160	SD State U.	2,360	3,715	3,798	3,822	3,179	643
161	OH U. all campuses	2,833	3,638	4,315	3,771	576	3,195
162	Creighton U.	2,923	4,648	4,826	3,699	3,651	48
163	U. of Notre Dame	4,272	5,795	5,071	3,668	1,438	2,230
164	MI Technological U.	NA	4,958	4,172	3,622	NA	NA
165	FL Atlantic U.	NA	2,235	3,257	3,595	653	2,942
166	U. MO-Rolla	3,974	2,536	1,182	3,583	1,694	1,889
167	U. ND all campuses	4,384	5,650	2,855	3,570	2,179	1,391
168	ID State U.	3,140	3,729	4,406	3,518	1,745	1,773
169	Loyola U. Chicago	3,600	4,572	3,680	3,471	2,578	893
170	Worcester Polytechnic Institute	2,098	1,798	2,359	3,367	1,334	2,033
171	IL Institute of Technology	3,205	4,543	3,909	3,305	1,498	1,807
172	U. WI Milwaukee	3,306	2,421	3,357	3,298	1,172	2,126
173	Syracuse U. all campuses	4,706	4,510	5,532	3,289	2,178	1,111
174	CA State U. San Bernardino	803	0	3,712	3,220	63	3,157
175	Rowan U.	2,702	2,314	2,363	3,141	1,119	2,022
176	NY Medical C.	959	1,620	2,142	2,969	1,291	1,678
177	U. Toledo	2,966	1,714	2,908	2,954	884	2,070
178	Medical C. GA	1,844	2,459	2,656	2,947	2,413	534
179	Boston C.	NA	NA	3,136	2,922	821	2,101
180	U. TX Arlington	2,270	2,131	2,193	2,910	1,042	1,868
181	Lehigh U.	NA	1,574	2,818	2,903	1,053	1,850
182	U. South AL	NA	1,747	2,017	2,899	664	2,235
183	Ball State U.	1,037	1,848	1,819	2,893	483	2,410
184	Charles R. Drew U. of Medicine and Science	5,425	5,736	4,000	2,893	2,651	242
185	U. MA Boston	704	1,701	2,795	2,754	1,372	1,382
186	U. RI	4,579	2,687	2,697	2,754	977	1,777

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
187	Kent State U. all campuses	1,828	1,785	2,041	2,733	1,295	1,438
188	U. WY	2,702	2,702 e	3,802	2,702	0	2,702
189	CA State Polytechnic U. San Luis Obispo	1,495	1,670	1,994	2,657	1,179	1,478
190	Western MI U.	2,212	1,620	2,406	2,592	675	1,917
191	Howard U.	5,689	6,554	5,101	2,591	2,591	0
192	CUNY Queens C.	3,107	2,976	2,550	2,540	249	2,291
193	U. MA Dartmouth	2,032	2,140	1,221	2,540	1,705	835
194	Stephen F. Austin State U.	0	26	114	2,471	0	2,471
195	Clark Atlanta U.	8,667	3,157	2,976	2,343	1,641	702
196	Rochester Institute of Technology	1,139	1,200	1,547	2,302	1,005	1,297
197	U. GU	394	1,705	NA	2,281	0	2,281
198	U. Akron all campuses	1,782	2,110	1,881	2,273	686	1,587
199	Miami U. all campuses	1,125	1,504	1,884	2,240	959	1,281
200	James Madison U.	271	1,596	2,245	2,119	1,830	289
201	Meharry Medical C.	1,682	2,307	2,390	2,068	1,923	145
202	Clarkson U.	NA	1,935	NA	1,968	1,181	787
203	Morehouse School of Medicine	1,971	1,563	2,630	1,959	955	1,004
204	U. NC Wilmington	1,402	1,639	1,729	1,952	1,141	811
205	U. West FL	7,273	1,258	1,880	1,931	490	1,441
206	U. NC Charlotte	1,619	2,406	1,684	1,879	416	1,463
207	U. PR Medical Sciences Campus	2,967	2,001	1,737	1,874	751	1,123
208	TX State U. San Marcos	427	3,536	2,233	1,872	792	1,080
209	TX A&M U. System Health Science Ctr.	2,071	2,237	2,811	1,858	1,820	38
210	U. TX San Antonio	703	896	1,315	1,827	1,281	546
211	Southern Methodist U.	549	1,300	1,240	1,801	779	1,022
212	CUNY The City C.	904	1,939	1,475	1,800	1,064	736
213	DE State U.	658	NA	1,727	1,746	1,746	0
214	U. MO-Kansas City	1,018	1,506	1,795	1,731	898	833
215	Black Hills State U.	ne	158	663	1,600	1,372	228
216	Western KY U.	494	925	1,031	1,566	1,330	236
217	U. HI Hilo	1,215	324	472	1,526	1,526	0
218	Southern U. and A&M C. all campuses	NA	622	NA	1,421	NA	NA
219	Teachers C. Columbia U.	1,166	1,660	1,568	1,403	NA	NA
220	Northern AZ U.	737	922	1,262	1,380	746	634
221	Ponce School of Medicine	132	1,004	202	1,373	0	1,373
222	U. LA Lafayette	369	2,164	1,401	1,369	670	699
223	U. North TX Health Science Ctr. Ft. Worth	201	1,207	453	1,288	1,288	0
224	U. Denver	2,081	1,521	963	1,260	589	671
225	Medical U. OH	1,506	1,056	1,093	1,155	1,013	142
226	Bowling Green State U. all campuses	1,712	850	1,156	1,154	811	343
227	San Francisco State U.	NA	3,173	1,067	1,149	1,027	122
228	Kettering U.	37	53	159	1,128	26	1,102
229	Naval Postgraduate School	NA	NA	1,887	1,126	588	538
230	U. NC Greensboro	1,264	1,911	483	1,125	437	688
231	TX Tech U. Health Science Ctr.	NA	1,215	1,096	1,116	754	362

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
232	U. MD Ctr. for Environmental Science	1,039	1,144	1,165	1,088	0	1,088
233	C. Charleston	535	1,123	754	1,014	771	243
234	U. MO-St. Louis	939	877	934	1,013	364	649
235	CA State U. Long Beach	927	532	923	1,009	775	234
236	SD School of Mines and Technology	1,258	2,085	1,793	1,000	404	596
237	Marquette U.	859	881	853	963	691	272
238	Claffin U.	162	34	17	930	930	0
239	CUNY Hunter C.	789	554	770	928	507	421
240	Prairie View A&M U.	427	376	1,124	907	695	212
241	TX A&M U. Corpus Christi	853	247	801	895	160	735
242	AL A&M U.	NA	1,224	906	880	690	190
243	U. DC	1,421	1,548	853	871	8	863
244	East Carolina U.	693	1,146	933	870	551	319
245	Xavier U. LA	1,608	2,117	NA	868	681	187
246	Nova Southeastern U.	676	382	552	860	456	404
247	DePaul U.	191	492	724	857	856	1
248	CA State U. Dominguez Hills	240	427	742	850	794	56
249	Marshall U.	1,183	6,281	6,362	850	414	436
250	U. AR Pine Bluff	1,942	1,225	798	845	456	389
251	U. North TX	1,004	530	7	814	201	613
252	Stevens Institute of Technology	NA	576	827	806	311	495
253	Cleveland State U.	657	1,035	908	804	440	364
254	Yeshiva U.	3,484	4,000	12,200	800	NA	NA
255	Coastal Carolina U.	533	636	366	791	98	693
256	CA State Polytechnic U. Pomona	271	819	2,001	778	231	547
257	U. NC Asheville	3	39	1,018	760	138	622
258	Augustana C. (Sioux Falls, SD)	78	104	550	749	749	0
259	Loma Linda U.	2,392	1,930	1,338	747	292	455
260	Bates C.	158	211	508	745	78	667
261	Eastern MI U.	314	946	606	737	94	643
262	Morgan State U.	581	830	891	720	638	82
263	Furman U.	320	684	433	695	506	189
264	Northern IL U.	641	584	925	694	419	275
265	CA State U. Los Angeles	567	690	890	681	490	191
266	Bowdoin C.	75	201	467	675	244	431
267	Northern KY U.	130	249	556	663	663	0
268	U. Northern CO	331	614	817	650	487	163
269	U. SD	1,006	1,164	2,687	646	277	369
270	AR State U. main campus	NA	NA	0	644	484	160
271	Hampton U.	2,197	1,897	689	619	379	240
272	Southern IL U. Edwardsville	529	141	175	616	103	513
273	U. TX-Pan American	58	189	276	616	370	246
274	Murray State U.	620	691	928	609	512	97
275	U. North FL	1,041	402	936	603	518	85
276	MT State U. Billings	ne	ne	NA	587	587	0
277	IL State U.	955	826	790	584	453	131
278	TN Technological U.	0	0	78	570	213	357

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
279	Duquesne U.	232	577	560	568	480	88
280	Colby C.	0	62	430	565	49	516
281	St. Francis U. (Loretto, PA)	ne	ne	412	552	552	0
282	CA State U. Northridge	582	219	533	549	549	0
283	Roger Williams U. Bristol	ne	123	396	549	546	3
284	Gallaudet U.	924	706	775	541	534	7
285	U. Tulsa	592	755	649	535	430	105
286	CUNY Graduate Ctr.	500	0	0	494	494	0
287	Rosalind Franklin U. of Medicine and Science	0	0	539	484	484	0
288	Western Carolina U.	99	0	577	482	445	37
289	Morehead State U.	559	377	928	480	429	51
290	CA State U. Monterey Bay	566	135	589	474	303	171
291	Millsaps C.	ne	ne	NA	458	458	0
292	LA Tech U.	489	216	360	455	75	380
293	U. New England	ne	ne	ne	453	0	453
294	Swarthmore C.	62	456	416	444	146	298
295	Morehouse C.	NA	NA	346	442	440	2
296	Wesleyan U.	101	306	553	423	124	299
297	Fordham U.	562	363	282	412	412	0
298	West Liberty State C.	ne	ne	ne	402	402	0
299	Northeastern State U.	368	NA	303	389	246	143
300	SUNY C. Geneseo	366	358	309	385	374	11
301	TX Southern U.	418	1,441	225	382	32	350
302	U. WI Green Bay	521	752	454	377	295	82
303	Eastern KY U.	156	62	191	374	374	0
304	John Carroll U.	0	46	309	373	373	0
305	Bryn Mawr C.	134	157	152	372	298	74
306	WV State U.	NA	0	227	365	356	9
307	U. WI Stevens Point	47	85	226	364	0	364
308	Tougaloo C.	NA	NA	NA	359	359	0
309	Providence C.	63 ^e	167	181	358	358	0
310	Wellesley C.	1,386	1,343	592	352	92	260
311	GA Southern U.	592	511	462	345	186	159
312	Central MI U.	79	239	303	344	205	139
313	Hendrix C.	ne	138	300	344	325	19
314	Central WA U.	86	92	356	343	70	273
315	FL Institute of Technology	173	720	410	336	0	336
316	Southwest MO State U.	0	324	408	331	7	324
317	Appalachian State U.	0	17	94	330	308	22
318	Smith C.	205	234	122	328	328	0
319	U. TX Tyler	ne	ne	0	326	242	84
320	Philadelphia U.	ne	ne	NA	317	0	317
321	Baylor U.	55	412	592	309	129	180
322	Oakland U.	257	95	300	308	266	42
323	Sinte Gleska U.	ne	ne	151	301	301	0
324	U. WI La Crosse	186	272	320	301	185	116

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
325	Polytechnic U.	NA	1,025	450	295	214	81
326	Universidad del Turabo	ne	ne	NA	291	291	0
327	Southeastern OK State U.	NA	0	198	290	280	10
328	CA State U. Fullerton	NA	236	561	285	278	7
329	St. Cloud State U.	NA	0	NA	282	4	278
330	CUNY C. Staten Island	228	237	288	281	281	0
331	U. Central OK	10	10	100	275	275	0
332	CA State U. East Bay	NA	NA	331	271	271	0
333	Mt. Holyoke C.	210	260	222	271	106	165
334	American U.	127	268	279	269	48	221
335	Ft. Valley State U.	146	282	285	266	266	0
336	Central CT State U.	249	0	158	264	0	264
337	Grambling State U.	0	0	323	257	40	217
338	Carleton C.	56	0	0	246	220	26
339	CA State U. Fresno	200	482	280	245	245	0
340	Mayville State U.	ne	ne	185	243	243	0
341	Universidad Metropolitana	ne	ne	NA	240	0	240
342	Lamar U.	789	879	248	232	194	38
343	Spelman C.	156	283	358	228	228	0
344	Lincoln U. (Lincoln University, PA)	347	181	181	202	202	0
345	IN State U. all campuses	78	172	174	192	86	106
346	Alfred U. all campuses	58	278	248	191	73	118
347	KY State U.	72	157	177	188	188	0
348	Western U. of Health Sciences	76	248	482	188	186	2
349	U. PR Rio Piedras Campus	193	300	268	185	185	0
350	Albany State U.	0	NA	NA	179	179	0
351	Midwestern U. (Chicago, IL)	106	107	1,155	171	171	0
352	U. PR Humacao	ne	39	647	168	168	0
353	Grand Valley State U.	205	122	147	167	57	110
354	Pace U. all campuses	162 e	103	198	164	142	22
355	SUNY C. Plattsburgh	307	336	127	158	120	38
356	VA State U.	0	0	0	157	104	53
357	Colgate U.	86	105	89	153	153	0
358	Valparaiso U.	24	100	37	153	131	22
359	Western WA U.	0	0	225	153	153	0
360	NC Central U.	NA	NA	NA	151	19	132
361	Benedict C.	95	0	191	142	142	0
362	Loyola Marymount U.	NA	0	32	138	99	39
363	Pacific U.	0	NA	0	125	125	0
364	U. Richmond	75	131	92	125	80	45
365	U. WI Oshkosh	90	46	115	125	38	87
366	Bowie State U.	119	141	208	124	124	0
367	U. West GA	61	60	120	120	120	0
368	U. San Francisco	76	40	80	118	114	4
369	Ithaca C.	181	198	59	117	117	0
370	Manhattan C.	257 e	NA	NA	117	117	0
371	Albany Medical C.	106	217	192	115	25	90

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
372	CUNY Herbert H. Lehman C.	2	0	73	115	49	66
373	Amherst C.	60 ^e	123	83	114	114	0
374	TX Woman's U.	411	326	358	114	17	97
375	CT C.	NA	NA	61	110	50	60
376	Milwaukee School of Engineering	0	0	0	107	66	41
377	St. John's U. (Jamaica, NY)	NA	NA	127	106	0	106
378	Trinity C. (Hartford, CT)	106	51	98	103	103	0
379	Johnson C. Smith U.	0	ne	ne	102	102	0
380	La Salle U.	0	0	ne	101	101	0
381	AL State U.	0	500	99	99	99	0
382	Barnard C.	0	0 ^e	NA	95	95	0
383	C. of the Holy Cross	58	58	31	95	95	0
384	Indiana U. PA all campuses	379	393	104	92	77	15
385	TX Christian U.	78	202	202	91	91	0
386	SUNY C. Cortland	0	NA	81	90	7	83
387	U. Puget Sound	ne	248	91	90	90	0
388	Fairfield U.	8	199	17	89	75	14
389	Roanoke C.	46	118	74	87	87	0
390	King's C. (Wilkes-Barre, PA)	ne	ne	ne	85	85	0
391	U. WI Eau Claire	116	178	121	80	63	17
392	U. Northern IA	85	168	159	79	44	35
393	Christopher Newport U.	15	0	15	77	30	47
394	Claremont Graduate U.	273	40	42	77	77	0
395	Southeast MO State U.	ne	ne	NA	77	77	0
396	Vassar C.	NA	NA	19	77	9	68
397	Berry C.	ne	ne	ne	75	75	0
398	Clark U.	230	230 ^e	213	75	36	39
399	New School, The	NA	0	0	74	0	74
400	U. Houston-Downtown	7	154	77	74	74	0
401	Pittsburg State U.	41	134	391	73	73	0
402	PA C. of Optometry	294	302	120	70	70	0
403	U. PR Mayaguez Campus	23	60	80	70	70	0
404	Franklin & Marshall C.	92	21	60	68	50	18
405	Pomona C.	58	43	119	68	68	0
406	U. Redlands	5	12	64	68	20	48
407	Rhodes C.	ne	ne	2	66	66	0
408	Towson U.	141	14	37	66	56	10
409	Northeastern OH Universities C. of Medicine	177	164	56	64	43	21
410	Hofstra U.	NA	NA	NA	62	62	0
411	Mercyhurst C.	ne	ne	ne	62	25	37
412	Bradley U.	249	115	72	61	61	0
413	Saginaw Valley State U.	19	10	13	57	57	0
414	Occidental C.	222	NA	63	56	0	56
415	Southern U. New Orleans	141	133	56	56	56	0
416	Monmouth U.	ne	ne	94	54	52	2
417	U. of the Pacific	272	224	18	53	14	39

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
418	Elizabeth City State U.	37	91	26	52	52	0
419	Ft. Lewis C.	110	55	13	52	52	0
420	Juniata C.	0	161	42	52	17	35
421	Southeastern LA U.	0	NA	NA	50	50	0
422	U. WI River Falls	4	36	38	50	38	12
423	Bridgewater State C.	135	5	94	47	47	0
424	CA State U. Bakersfield	NA	NA	0	47	47	0
425	Harvey Mudd C.	NA	NA	0	45	39	6
426	SUNY C. Brockport	67	0	41	45	33	12
427	TN State U.	38	49	40	43	43	0
428	Fuller Theological Seminary CA	ne	ne	91	42	42	0
429	St. Joseph's U.	130	0	70	42	42	0
430	Truman State U.	0	NA	0	42	42	0
431	IL Wesleyan U.	ne	ne	21	40	0	40
432	Simmons C.	38	33	36	40	40	0
433	Philadelphia C. of Osteopathic Medicine	0	0	0	38	38	0
434	U. MD Eastern Shore	48	22	55	37	37	0
435	Haverford C.	99	97	67	36	36	0
436	U. of St. Thomas (St. Paul, MN)	111	91	19	36	36	0
437	West Chester U. PA	91	263	56	33	33	0
438	New England C. of Optometry	38	40	31	32	0	32
439	Rose-Hulman Institute of Technology	16	0	24	32	32	0
440	Gustavus Adolphus C.	ne	2	15	29	13	16
441	U. WI Platteville	ne	ne	28	29	0	29
442	Troy U. main campus	ne	ne	ne	28	0	28
443	Hampshire C.	98	0	53	27	27	0
444	U. WI Whitewater	7	45	51	27	0	27
445	CUNY Baruch C.	5	0	0	26	26	0
446	Kansas City U. of Medicine and Biosciences	31	0	20	25	25	0
447	Lawrence U.	ne	ne	ne	25	25	0
448	Heritage U. (Toppenish, WA)	ne	ne	28	24	24	0
449	Augsburg C.	57	71	68	23	23	0
450	Evergreen State C.	88	97	0	23	23	0
451	Shaw U.	0	0	23	23	23	0
452	CO State U. Pueblo	0	0	0	22	22	0
453	SUNY Fredonia	24	0	0	20	20	0
454	Southern OR U.	0	3	0	19	8	11
455	Long Island U. all campuses	0	0	NA	18	18	0
456	Air Force Institute of Technology	NA	12	64	17	17	0
457	Hope C.	0	0	18	17	17	0
458	Central State U.	NA	NA	47	16	0	16
459	U. Portland	0	0	28	16	16	0
460	Hamilton C. (Clinton, NY)	97	14	147	15	15	0
461	Nicholls State U.	45	0	47	15	15	0
462	San Jose State U.	153	21	17	15	NA	NA
463	MN State U. Mankato	0	NA	21	14	14	0

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
464	Northwestern Health Sciences U.	ne	ne	ne	13	0	13
465	Wabash C.	ne	0	0	13	13	0
466	Loyola U. New Orleans	ne	ne	152	11	11	0
467	Rider U.	17	31	5	11	0	11
468	U. of the South	ne	ne	5	11	11	0
469	Alcorn State U.	0	0	25	10	10	0
470	SC State U.	10	10	10	10	10	0
471	Union C. (Schenectady, NY)	0	196	28	10	10	0
472	U. IL Springfield	362	0	8	10	0	10
473	Universidad Central del Caribe	735	596	379	8	0	8
474	Lafayette C.	306	364	31	7	7	0
475	U. WI Superior	0	0	0	7	0	7
476	U. WI Stout	0	0	0	6	6	0
477	Davidson C.	ne	ne	NA	5	5	0
478	Trinity U.	69	52	7	5	5	0
479	Bluefield State C.	0	149	99	3	3	0
480	Ursinus C.	ne	ne	ne	3	3	0
481	Radford U.	32	16	ne	2	0	2
482	Bucknell U.	68	41	82	1	1	0
483	Lawrence Technological U.	133	3	0	1	0	1
484	U. Scranton	588	366	212	1	0	1
	A.T. Still U. of Health Sciences	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0
	Allegheny C.	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0
	Calvin C.	0	0	0	0	0	0
	Canisius C.	ne	ne	NA	0	0	0
	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	0	0	0
	Chapman U.	0	0	13	0	0	0
	Cheyney U. PA	ne	ne	ne	0	0	0
	Chicago State U.	0	NA	0	0	0	0
	C. NJ, The	NA	NA	NA	0	0	0
	CUNY Brooklyn C.	0	652	567	0	0	0
	CUNY John Jay C. of Criminal Justice	NA	0	NA	0	0	0
	CUNY Medgar Evers C.	0	0	0	0	0	0
	CUNY York C.	NA	0	0	0	0	0
	Denison U.	0	0	NA	0	0	0
	Des Moines U.	0	0 e	NA	0	0	0
	Dickinson C.	0	175	8	0	0	0
	Drake U.	82 e	189	65	0	0	0
	Duke U.	0	0	0	0	0	0
	East TN State U.	0	0	NA	0	0	0
	Eastern OR U.	41	0	0	0	0	0
	Fayetteville State U.	NA	0	129	0	0	0
	Fisk U.	0	100	100	0	0	0

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
	Fitchburg State C.	ne	ne	0	0	0	0
	FL Gulf Coast U.	ne	0	0	0	0	0
	FL International U.	4,494	5,207	1,100	0	0	0
	Gettysburg C.	ne	ne	0	0	0	0
	Governors State U.	ne	ne	16	0	0	0
	Grinnell C.	0	0	162	0	0	0
	Humboldt State U.	NA	NA	NA	0	0	0
	Jacksonville State U.	ne	ne	NA	0	0	0
	Jacksonville U.	ne	ne	ne	0	0	0
	Jarvis Christian C.	0	0	ne	0	0	0
	Kalamazoo C.	ne	0	0	0	0	0
	Kennesaw State U.	0	19	59	0	0	0
	Lake Forest C.	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0
	Lewis and Clark C.	18	0	0	0	0	0
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0
	Maharishi U. of Management	0	0 e	0	0	0	0
	McNeese State U.	0	0	0	0	0	0
	Mercer U. all campuses	0	0	0	0	0	0
	Mercy C.	ne	ne	ne	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	ne	0	0	0	0	0
	Muhlenberg C.	ne	ne	0	0	0	0
	National U. of Health Sciences	362	31	48	0	0	0
	NM Highlands U.	293	222	0	0	0	0
	NY Institute of Technology all campuses	NA	0	0	0	0	0
	Norfolk State U.	17	0	0	0	0	0
	Northeastern IL U.	0	0	3	0	0	0
	Northwestern State U.	ne	ne	ne	0	0	0
	Oberlin C.	0	13	2	0	0	0
	OH Wesleyan U.	NA	NA	0	0	0	0
	OR Institute of Technology	0	0	0	0	0	0
	Pitzer C.	0	0	0	0	0	0
	Point Loma Nazarene C.	ne	ne	0	0	0	0
	Reed C.	0	0	0	0	0	0
	Sarah Lawrence C.	ne	ne	ne	0	0	0
	Savannah State U.	NA	478	581	0	0	0
	Seton Hall U.	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	184	194	0	0	0
	St. Olaf C.	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0
	SUNY C. Buffalo	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	NA	0	0	0
	SUNY C. Old Westbury	22	0	5	0	0	0

TABLE 48. Federally financed R&D expenditures received as a subrecipient by universities and colleges, ranked by all FY 2006 R&D expenditures received: FY 2003–06 and by type of pass-through entity for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006		
					All R&D expenditures received ^a	Educational pass-through entities	Other pass-through entities
	SUNY C. Oswego	NA	0	0	0	0	0
	Tarleton State U.	302	296	78	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0
	Tuskegee U.	NA	NA	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0
	U.S. Air Force Academy	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	256	0	0	0	0
	U.S. Naval Academy	0	0	0	0	0	0
	Universidad del Este	ne	ne	ne	0	0	0
	U. AK Southeast all campuses	NA	NA	NA	0	0	0
	U. Baltimore	ne	ne	0	0	0	0
	U. Detroit Mercy	15	15 ^e	NA	0	0	0
	U. Hartford	NA	46	0	0	0	0
	U. Houston-Clear Lake	0	18	0	0	0	0
	U. LA Monroe	NA	720	273	0	0	0
	U. MD Baltimore	NA	0	0	0	0	0
	U. MD Baltimore County	NA	NA	0	0	0	0
	U. NC Pembroke	ne	ne	ne	0	0	0
	U. TN all campuses	0	0	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0
	U. of the VI	NA	2,804	0	0	0	0
	U. VA all campuses	0	0	0	0	0	0
	U. WI Parkside	3	13	0	0	0	0
	VA Military Institute	0	0	0	0	0	0
	Washington and Lee U.	ne	ne	0	0	0	0
	West TX A&M U.	619	0	0	0	0	0
	WV School of Osteopathic Medicine	0	0	96	0	0	0
	Western IL U.	0	NA	0	0	0	0
	Whitman C.	0	0	0	0	0	0
	Wilkes U.	43	0	ne	0	0	0
	Willamette U.	0	0	0	0	0	0
	Youngstown State U.	0	0	NA	0	0	0
	All other sampled institutions	813	6,688	3,909	0	0	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

NA = not available; institution was unable to provide these data or was not surveyed separately.

ne = not eligible; institution did not meet the criteria for inclusion.

^a Detail may not add to total because of rounding and because some institutions provided only total and federal subrecipient data.

^b The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in federally financed R&D expenditures received as a subrecipient.

NOTES: Institutions that are not listed in this table did not respond to item 1B, R&D expenditures received as a subrecipient in FY 2006. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 49. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	1,304,986	1,404,026	1,405,543	1,437,605	936,961	1,025,005	1,022,180	1,015,337
1	Carnegie Mellon U.	86,623	100,324	106,527	117,865	77,036	90,589	97,313	109,615
2	U. Southern CA	86,600	85,367	88,861	93,573	77,574	80,199	82,915	86,580
3	U. IL Urbana-Champaign	111,009	113,320	104,792	81,675	85,040	75,934	78,081	55,422
4	Johns Hopkins U., The ^a	66,160	73,123	69,653	70,268	63,943	72,265	68,146	69,254
5	U. CA, San Diego	68,996	85,259	65,271	64,466	49,965	65,816	44,146	43,245
6	MA Institute of Technology	45,413	44,543	44,693	49,500	26,804	28,050	30,628	33,158
7	GA Institute of Technology								
	all campuses	51,608	54,756	54,788	47,560	27,721	39,462	39,080	30,541
8	U. TX Austin	28,749	29,259	39,405	41,897	25,717	25,778	31,461	33,842
9	U. MD College Park	31,902	27,990	29,641	37,605	20,462	16,293	17,715	21,554
10	OH State U. all campuses	26,274	23,397	35,998	33,693	2,670	6,523	12,778	14,854
11	PA State U. all campuses	17,294	31,575	28,576	32,371	14,130	25,968	21,739	24,196
12	Cornell U. all campuses	26,525	27,124	27,601	28,081	15,540	15,722	16,403	16,418
13	Stanford U.	16,794	18,579	19,610	21,922	14,241	16,413	17,397	18,647
14	U. HI Manoa	19,430	18,143	18,922	21,252	19,351	18,110	18,767	21,057
15	U. Chicago	4,076	8,478	10,879	18,144	4,046	8,403	10,841	17,490
16	U. MA Amherst	16,368	16,312	18,160	17,404	9,392	10,495	9,841	8,523
17	OR Health & Science U.	20,207	17,805	18,630	16,702	16,765	16,007	16,063	13,687
18	U. MN all campuses	11,619	13,655	13,987	16,060	8,855	10,269	9,501	10,190
19	U. CA, Los Angeles	17,869	16,433	15,734	15,992	9,861	12,717	11,740	12,510
20	U. UT	17,262	17,098	16,457	15,020	11,949	10,704	9,973	11,171
21	U. WI Madison	13,145	13,457	14,454	14,624	9,974	10,607	11,791	11,600
22	U. IL Chicago	12,245	9,144	12,999	12,594	9,142	5,875	6,344	4,786
23	IN U. all campuses	10,411	12,596	8,370	12,397	5,353	6,955	4,749	6,545
24	U. NC Chapel Hill	9,995	8,555	11,214	11,764	7,495	5,927	8,378	9,454
25	U. CA, Irvine	10,218	12,234	11,506	11,699	4,808	6,495	6,728	6,505
26	U. CA, Santa Barbara	12,267	11,893	10,537	10,671	9,256	8,887	8,664	8,345
27	AZ State U. main campus	4,680	5,228	5,877	10,409	2,967	2,970	3,149	3,782
28	Clemson U.	2,005	2,078	2,260	10,226	690	703	710	540
29	VA Polytechnic Institute and State U.	5,177	14,858	9,005	10,032	2,770	2,601	3,003	3,691
30	Princeton U.	7,172	8,226	9,199	9,779	4,730	4,706	5,629	6,644
31	Rice U.	10,614	9,202	8,490	9,732	8,801	8,126	7,928	8,690
32	U. Central FL	29	0	398	9,668	26	0	0	93
33	SUNY Buffalo all campuses	8,474	8,933	9,214	9,657	3,908	5,104	4,881	5,128
34	U. TN all campuses	11,719	12,736	9,386	9,256	6,629	6,930	4,911	4,779
35	Columbia U. in the City of NY	8,985	9,443	9,613	9,174	8,684	8,879	8,476	8,085
36	CA Institute of Technology	10,446	12,177	12,199	9,136	10,446	12,177	12,157	8,904
37	Brown U.	6,871	7,038	7,568	8,839	4,664	4,636	4,683	5,313
38	MS State U.	2,620	10,168	7,313	8,824	1,358	4,377	4,000	5,688
39	Rutgers, The State U. NJ all campuses	6,359	8,378	7,600	8,814	2,865	2,946	3,412	4,732
40	U. AL Huntsville, The	6,308	8,420	8,079	8,615	5,254	7,249	6,840	7,335
41	FL State U.	4,654	8,087	11,675	8,565	2,801	4,838	4,892	4,523
42	SUNY Stony Brook all campuses	5,518	6,101	4,695	8,366	3,382	3,852	3,242	3,103
43	Purdue U. all campuses	9,588	16,642	9,523	8,232	5,135	6,536	5,449	4,732
44	U. CA, Davis	3,812	3,575	4,921	7,795	1,936	2,264	3,662	4,135

TABLE 49. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
45	U. CO all campuses	5,743	7,289	7,295	7,641	5,158	6,475	6,485	6,612
46	IA State U.	5,691	5,721	5,818	7,508	1,768	2,010	2,350	3,223
47	U. NE all campuses	5,984	6,300	7,726	7,460	3,187	3,801	4,784	4,357
48	Washington U. St. Louis	5,468	5,432	7,154	7,262	3,585	3,897	3,491	3,600
49	U. MI all campuses	7,365	9,840	5,888	7,190	4,114	4,041	4,231	4,707
50	U. PA	11,073	8,120	8,203	7,166	9,583	6,096	5,739	5,227
51	Drexel U.	2,855	1,396	2,027	6,763	2,043	1,056	1,684	5,040
52	U. TX Dallas	3,476	3,023	8,340	6,631	1,889	1,761	3,478	2,613
53	TX A&M U. all campuses	6,007	7,204	8,070	6,574	3,331	3,658	3,924	3,840
54	Wright State U. all campuses	2,928	5,096	4,524	6,499	873	2,339	1,592	1,480
55	U. AL, The	2,383	2,743	4,018	6,467	1,444	1,024	1,910	3,685
56	U. AK Fairbanks all campuses	12,035	12,616	10,245	6,216	4,645	10,354	8,674	4,432
57	U. VA all campuses	5,980	7,236	6,940	6,151	5,550	6,472	6,180	5,643
58	U. LA Lafayette	6,015	5,091	7,967	6,037	611	543	402	552
59	U. AZ	5,503	5,585	7,904	5,971	3,969	4,516	5,640	3,545
60	George Mason U.	4,384	4,418	5,977	5,791	4,243	4,161	5,874	4,484
61	U. FL	3,564	3,250	4,498	5,479	2,881	2,818	2,985	3,655
62	U. Houston	3,709	4,453	5,893	5,441	2,391	2,444	2,761	2,695
63	NY U.	8,402	7,993	6,461	5,175	6,297	6,342	5,664	4,156
64	New School, The	0	1,269	2,994	5,026	0	460	2,536	4,547
65	Rockefeller U.	5,594	4,270	4,459	4,968	684	40	0	0
66	NJ Institute of Technology	3,967	3,924	3,757	4,944	972	1,041	940	1,782
67	Yale U.	5,398	5,307	4,766	4,940	4,236	4,193	3,857	4,059
68	NC State U.	4,542	4,412	4,428	4,907	3,488	3,234	3,543	3,888
69	Dartmouth C.	5,572	4,195	3,862	4,821	3,903	2,727	2,480	3,071
70	U. Pittsburgh all campuses	3,736	3,237	4,013	4,688	3,396	2,828	3,084	3,743
71	FL International U.	1,327	3,750	4,525	4,201	1,039	2,828	3,030	3,132
72	U. NC Charlotte	1,626	3,316	4,051	4,154	957	3,027	2,106	1,868
73	Duke U.	5,677	4,696	3,678	3,927	5,192	4,276	3,380	3,122
74	MI State U.	4,237	4,292	4,062	3,921	2,396	2,307	2,022	2,151
75	U. NM all campuses	2,717	3,404	3,889	3,798	2,533	3,189	3,496	3,484
76	OR State U.	1,970	2,309	2,687	3,664	1,261	1,851	2,386	3,387
77	U. CT all campuses	1,845	2,939	3,326	3,662	1,104	2,057	2,427	1,616
78	Naval Postgraduate School	13,759	12,667	5,170	3,573	13,493	11,717	4,913	3,543
79	Portland State U.	1,544	1,544	2,587	3,519	1,132	1,132	2,011	2,790
80	Syracuse U. all campuses	6,220	6,037	8,247	3,439	3,817	3,723	4,559	2,798
81	U. GA	2,641	2,957	3,045	3,406	396	635	684	763
82	U. Tulsa	3,202	3,694	3,439	3,369	2,938	3,525	3,270	2,997
83	U. KY all campuses	3,892	4,153	3,801	3,354	2,389	2,573	2,102	1,688
84	U. of Notre Dame	1,888	2,307	2,797	3,346	1,728	2,170	2,700	3,172
85	U. OR	2,686	3,719	2,730	3,341	2,655	3,592	2,576	3,105
86	U. TX San Antonio	2,350	2,091	3,299	3,189	2,192	1,955	3,171	2,985
87	Rensselaer Polytechnic Institute	1,860	1,938	2,314	3,079	1,116	1,246	1,929	2,490
88	Air Force Institute of Technology	335	1,249	1,408	3,074	332	676	543	661
89	U. Memphis, The	809	1,769	1,566	2,977	24	0	0	759
90	SUNY Albany	2,859	3,896	3,529	2,964	2,264	2,158	2,064	1,630

TABLE 49. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
91	Jackson State U.	3,692	3,180	3,698	2,939	3,320	2,895	3,140	2,364
92	LA State U. all campuses	2,950	3,163	2,939	2,882	514	557	976	1,055
93	Stevens Institute of Technology	747 i	4,217	5,194	2,817	440 i	3,584	4,925	2,780
94	U. Rochester	2,486	3,560	3,152	2,714	2,244	3,266	2,911	2,259
95	U. OK all campuses	3,150	1,910	2,457	2,579	129	533	670	821
96	U. CA, Riverside	2,108	2,982	2,778	2,532	1,781	2,401	1,641	1,340
97	Polytechnic U.	1,307 i	1,951	2,525	2,409	556 i	1,078	1,900	1,150
98	Old Dominion U.	830	1,193	2,517	2,306	476	796	573	976
99	U. CA, Santa Cruz	3,752	2,296	1,890	2,285	2,803	1,589	1,376	1,494
100	U. CA Office of the President	NA	2,164	2,174	2,243	NA	0	0	0
All other sampled institutions		129,056	123,554	118,562	104,308	87,363	85,981	82,205	69,235

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

NA = not available; institution was not surveyed separately.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$67 million in total and \$66 million in federally financed R&D expenditures in the computer sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 50. R&D expenditures in the environmental sciences at universities and colleges, ranked by all FY 2006 environmental sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
	All institutions	2,194,173	2,352,979	2,550,740	2,601,993	506,840	897,423	839,974	357,756
1	U. CA, San Diego	116,885	122,387	125,519	127,469	7,637	35,206	84,467	159
2	Woods Hole Oceanographic Institution	86,293	96,548	96,473	100,258	7,348 i	32,712 i	26,250 i	33,948 i
3	U. WA	82,846	78,845	82,035	92,110	22,584	8,204	51,451	9,871
4	U. CO all campuses	65,638	86,142	106,955	90,831	45,259	43,942	28	1,602
5	CO State U.	42,779	71,409	82,240	84,894	30,794	54,100	0	0
6	U. WI Madison	44,557	54,127	72,681	82,589	65,813	6,183	3,785	6,808
7	U. AK Fairbanks all campuses	74,882	67,891	75,857	80,804	49,626	9,493	21,685	0
8	TX A&M U. all campuses	85,351	66,724	89,551	69,531	6,203	4,110	46,684	12,534
9	U. HI Manoa	45,283	54,891	60,485	60,612	2,490	14,250	41,043	2,829
10	Columbia U. in the City of NY	52,298	54,163	60,939	57,799	6,787	581	46,772	3,659
11	U. NH	41,807	45,307	48,313	55,726	13,461	18,594	23,671	0
12	PA State U. all campuses	43,134	41,057	44,968	52,793	14,230	28,053	10,510	0
13	U. Miami	40,808	44,320	48,091	49,485	25,573	3	19,114	4,795
14	U. IL Urbana-Champaign	37,822	41,152	38,638	41,592	2,814	37,229	1,138	411
15	OR State U.	37,739	37,912	41,170	40,829	1,721	2,254	15,310	21,544
16	Johns Hopkins U., The ^a	35,703	38,585	42,281	40,256	7,866 i	3,230 i	12,552 i	16,608 i
17	U. MD Ctr. for Environmental Science	38,344	39,631	41,022	40,146	0	4,926	35,220	0
18	U. TX Austin	29,744	30,915	38,858	37,600	0	30,239	5,391	1,970
19	Desert Research Institute	24,623	26,318	29,248	35,776	15,804	19,972	0	0
20	C. of William and Mary all campuses	30,325	32,640	31,777	34,649	0	659	33,909	81
21	U. OK all campuses	29,929	29,639	32,729	33,264	22,463	10,801	0	0
22	LA State U. all campuses	29,279	30,827	33,792	33,023	0	6,618	21,000	5,405
23	U. SC all campuses	19,142	20,720	20,960	32,413	0	8,130	7,207	17,076
24	U. South FL	27,198	28,375	34,191	32,230	980	3,344	26,771	1,135
25	U. CA, Santa Barbara	24,343	26,527	27,685	29,108	0	4,353	24,428	327
26	Rutgers, The State U. NJ all campuses	26,402	28,359	29,835	28,649	76	1,300	14,634	12,639
27	MA Institute of Technology	27,656	28,648	27,444	27,267	6,672	10,105	7,442	3,048
28	Harvard U.	14,786	15,690	25,250	26,616	3,515	3,910	183	19,008
29	U. CA, Davis	28,451	26,891	26,354	26,234	286	5,062	4,725	16,161
30	U. RI	28,756	25,824	23,764	26,121	0	1,244	24,803	74
31	FL State U.	19,330	21,459	23,976	25,531	9,422	10,257	5,852	0
32	SUNY Stony Brook all campuses	20,082	21,961	22,078	22,512	0	7,474	15,038	0
33	U. NC Chapel Hill	19,409	23,761	23,272	22,258	0	15,980	6,278	0
34	U. MD Baltimore County	16,160	17,943	15,900	22,118	0	22,118	0	0
35	U. ME	21,337	22,830	20,311	20,470	0	7,292	13,178	0
36	U. CA, Santa Cruz	16,826	18,414	18,801	20,173	0	3,837	14,903	1,433
37	Stanford U.	10,193	17,147	25,124	19,803	0	11,709	5,627	2,467
38	U. Southern CA	19,572	18,687	20,274	18,225	0	12,811	3,623	1,791

TABLE 50. R&D expenditures in the environmental sciences at universities and colleges, ranked by all FY 2006 environmental sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
39	U. NV, Las Vegas	16,714	17,432 i	15,133	18,069	0	17,988	0	81
40	San Jose State U.	10,832	11,858	14,693	17,949	602	575	16,710	62
41	Princeton U.	17,335	17,067	17,771	17,909	5,030	4,470	0	8,409
42	Hampton U.	10,595	24,587	87	16,791	16,565	0	226	0
43	GA Institute of Technology all campuses	14,863	15,046	14,359	16,422	11,279	4,372	390	381
44	CA Institute of Technology	13,651	13,136	15,739	16,357	0	16,357	0	0
45	U. KS all campuses	11,291	14,438	12,224	15,204	0	15,161	43	0
46	Naval Postgraduate School	11,324	10,426 i	10,585	14,604	7,004	0	7,600	0
47	U. GA	13,264	12,891	13,694	14,521	0	4,377	10,144	0
48	U. Central FL	12,584	13,747	14,866	14,513	14,513	0	0	0
49	U. MN all campuses	11,819	11,602	11,494	14,474	0	6,459	2,326	5,689
50	U. CA Office of the President	NA	7,639	11,877	14,439	0	0	0	14,439
51	U. Southern MS	14,433	13,336	13,806	14,362	0	337	14,025	0
52	U. MD College Park	12,339	11,158	11,841	13,893	4,664	9,229	0	0
53	U. CA, Riverside	12,090	11,823	13,010	13,679	1,409	4,269	0	8,001
54	Duke U.	12,357	11,566	12,523	13,530	0	2,138	2,916	8,476
55	NC State U.	15,439	15,594	15,976	13,223	0	0	4,025	9,198
56	George Mason U.	8,387	9,951	9,321	12,601	12,560	41	0	0
57	U. DE	11,829	12,226	12,229	12,532	0	1,120	11,412	0
58	U. MD Biotechnology Institute	10,525	10,652	11,297	12,285	0	0	12,285	0
59	AZ State U. main campus	10,985	11,197	11,476	12,277	0	12,277	0	0
60	U. AZ	11,113	11,971	11,666	11,388	2,872	8,516	0	0
61	U. WY	8,076	8,076 e	10,393	11,328	6,517	3,505	0	1,306
62	U. MI all campuses	9,729	8,166	9,828	11,285	0	11,285	0	0
63	U. CA, Los Angeles	16,351	15,396	14,038	11,098	4,455	3,372	0	3,271
64	U. FL	6,458	7,879	9,486	10,281	0	5,069	5,212	0
65	U. NV, Reno	8,477	8,072	9,576	10,074	29	9,761	0	284
66	U. CA, Berkeley	10,180	9,093	9,425	9,996	35	9,948	0	13
67	U. MA Dartmouth	7,415	8,345	9,528	9,565	0	0	9,565	0
68	OH State U. all campuses	9,267	11,398	10,399	9,336	0	9,336	0	0
69	UT State U.	9,734	9,007	6,648	8,968	5,016	3,952	0	0
70	U. AL Huntsville, The	6,879	6,796	7,759	8,898	8,898	0	0	0
71	U. CT all campuses	8,644	8,412	9,004	8,869	0	9	8,860	0
72	U. ND all campuses	5,206	7,147	6,510	8,745	3,479	4,724	0	542
73	MI Technological U.	6,815	6,820	8,399	8,238	0	1,849	0	6,389
74	U. UT	4,531	5,761	8,810	8,129	2,238	5,891	0	0
75	Brown U.	6,200	6,235	6,604	7,998	0	7,288	0	710
76	San Francisco State U.	468 i	2,849 i	5,388	7,607	0	2,718	2,018	2,871
77	U. NC Wilmington	4,516	5,468	8,027	7,479	0	120	7,309	50
78	U. WI Milwaukee	4,472	5,207	7,001	7,466	0	379	5,950	1,137
79	Boston C.	514	514 e	6,444	7,432	0	563	0	6,869
80	WV U.	6,242	7,219	7,117	7,374	0	7,374	0	0

TABLE 50. R&D expenditures in the environmental sciences at universities and colleges, ranked by all FY 2006 environmental sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
81	SUNY Albany	5,382	7,391	7,060	6,760	6,760	0	0	0
82	TX Tech U.	11,421	9,682	7,423	6,454	0	474	0	5,980
83	IA State U.	4,977	5,768	6,429	6,422	0	6,422	0	0
84	Cornell U. all campuses	6,203	5,222	6,006	6,383	0	5,357	242	784
85	Purdue U. all campuses	3,136	4,624	5,757	6,210	1,786	893	0	3,531
86	VA Polytechnic Institute and State U.	10,104	10,127	10,332	5,876	19	4,754	0	1,103
87	U. CA, Irvine	5,135	6,045	5,034	5,689	0	0	0	5,689
88	TX A&M U. Corpus Christi	3,230	3,035	3,950	5,511	0	304	4,360	847
89	FL International U.	1,392	16,191	19,537	5,364	1,405	3,795	99	65
90	Jackson State U.	3,710	3,757	5,422	5,065	460	4,605	0	0
91	MS State U.	6,248	4,815	4,659	5,017	478	2,819	1,712	8
92	U. KY all campuses	3,317	3,549	4,059	5,010	0	5,010	0	0
93	U. ID	5,626	4,887	4,449	4,970	0	3,447	0	1,523
94	U. MA Amherst	4,261	3,387	3,888	4,938	0	3,604	264	1,070
95	Washington U. St. Louis	4,812	4,893	5,541	4,927	0	4,927	0	0
96	U. Memphis, The	4,473	4,700	8,800	4,902	0	4,902	0	0
97	Boston U.	3,681	3,890	4,411	4,857	0	1,934	0	2,923
98	U. Chicago	4,092	4,902	5,155	4,848	0	4,848	0	0
99	U. TN all campuses	5,182	4,970	5,191	4,791	8	2,011	0	2,772
100	Yale U.	3,224	3,522	4,566	4,785	1,053	3,493	96	143
	All other sampled institutions	234,912	245,753	268,179	250,262	18,282	138,710	37,513	55,757

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; NA = not available; institution was not surveyed separately.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$21 million in total R&D expenditures in the environmental sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 51. Federally financed R&D expenditures in the environmental sciences at universities and colleges, ranked by all FY 2006 environmental sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
	All institutions	1,445,846	1,595,921	1,726,648	1,763,173	406,430	590,869	558,271	207,603
1	U. CO all campuses	61,328	79,182	99,455	84,416	42,240	40,677	27	1,472
2	Woods Hole Oceanographic Institution	70,050	83,639	80,539	81,059	5,511 i	28,392 i	20,590 i	26,566 i
3	U. WA	76,736	71,685	72,716	80,943	19,262	7,575	48,012	6,094
4	U. CA, San Diego	71,454	79,643	76,924	72,956	3,859	14,440	54,657	0
5	U. WI Madison	36,300	43,331	60,035	70,513	62,951	2,698	938	3,926
6	CO State U.	31,928	60,312	65,548	69,441	27,472	41,969	0	0
7	U. AK Fairbanks all campuses	44,858	40,062	49,150	54,550	35,206	6,518	12,826	0
8	Columbia U. in the City of NY	49,381	52,206	58,432	53,940	4,873	249	45,393	3,425
9	U. NH	33,370	38,809	43,379	51,335	13,212	17,396	20,727	0
10	U. HI Manoa	33,925	44,615	48,672	49,973	1,778	12,206	33,885	2,104
11	TX A&M U. all campuses	60,162	43,447	64,192	44,817	3,286	2,702	35,023	3,806
12	U. Miami	36,705	38,590	40,726	39,090	22,161	3	13,060	3,866
13	Johns Hopkins U., The ^a	33,989	36,250	40,230	38,434	7,800 i	2,880 i	12,480 i	15,274 i
14	OR State U.	32,385	32,270	34,674	35,201	1,507	1,851	13,384	18,459
15	Desert Research Institute	17,204	18,473	23,728	27,838	11,314	16,524	0	0
16	PA State U. all campuses	23,646	22,123	23,480	26,000	6,996	12,276	6,728	0
17	Harvard U.	12,803	13,775	23,765	25,271	3,446	3,636	183	18,006
18	MA Institute of Technology	21,920	24,499	24,097	23,717	6,545	8,589	6,639	1,944
19	U. South FL	22,221	21,631	24,623	20,657	470	1,829	18,358	0
20	U. RI	26,524	22,958	18,997	20,220	0	672	19,523	25
21	U. MD Baltimore County	15,871	17,575	15,685	19,163	0	19,163	0	0
22	U. IL Urbana-Champaign	13,144	16,595	17,340	19,022	2,479	15,946	499	98
23	U. SC all campuses	9,481	11,290	11,232	17,948	0	4,108	4,465	9,375
24	C. of William and Mary all campuses	13,398	14,815	15,466	17,625	0	537	17,036	52
25	Hampton U.	10,595	24,587	87	16,791	16,565	0	226	0
26	FL State U.	11,366	13,833	14,801	16,035	8,034	4,229	3,772	0
27	U. NV, Las Vegas	13,476	11,613 i	13,834	15,989	0	15,989	0	0
28	CA Institute of Technology	10,916	11,340	14,232	14,722	0	14,722	0	0
29	U. Southern CA	12,160	14,623	15,438	14,405	0	10,023	2,671	1,711
30	U. OK all campuses	12,299	12,273	13,901	14,226	11,934	2,292	0	0
31	Naval Postgraduate School	10,284	8,931 i	9,558	13,899	6,898	0	7,001	0
32	SUNY Stony Brook all campuses	12,146	14,102	13,606	13,695	0	5,728	7,967	0
33	U. NC Chapel Hill	11,974	12,793	13,672	13,643	0	11,875	1,768	0
34	U. Southern MS	13,882	13,097	13,389	13,456	0	327	13,129	0
35	U. ME	11,466	12,438	8,626	13,410	0	4,168	9,242	0
36	U. TX Austin	10,483	12,434	14,336	12,917	0	10,307	1,567	1,043
37	U. MD Ctr. for Environmental Science	12,654	13,824	13,853	12,860	0	1,253	11,607	0
38	U. CA, Santa Barbara	11,931	12,743	12,792	12,735	0	2,063	10,462	210

TABLE 51. Federally financed R&D expenditures in the environmental sciences at universities and colleges, ranked by all FY 2006 environmental sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
39	Rutgers, The State U. NJ all campuses	11,993	12,875	12,555	11,985	0	812	8,489	2,684
40	U. MD College Park	8,805	9,607	10,236	11,791	3,582	8,209	0	0
41	Princeton U.	11,261	9,982	10,916	11,743	4,283	3,115	0	4,345
42	AZ State U. main campus	10,389	10,980	11,055	11,498	0	11,498	0	0
43	Stanford U.	7,394	12,383	16,881	11,332	0	9,897	1,435	0
44	GA Institute of Technology all campuses	8,214	7,133	6,154	10,973	8,452	1,982	327	212
45	U. CA, Santa Cruz	8,029	11,378	11,270	10,604	0	2,739	6,811	1,054
46	George Mason U.	8,334	9,713	8,840	10,112	10,079	33	0	0
47	San Jose State U.	6,610	7,123	7,692	10,050	600	526	8,924	0
48	LA State U. all campuses	7,277	8,281	8,826	8,683	0	2,435	5,590	658
49	U. CA, Los Angeles	10,745	12,681	10,999	8,569	3,860	2,872	0	1,837
50	U. DE	9,064	9,200	8,669	8,093	0	653	7,440	0
51	Duke U.	6,291	6,757	7,641	7,919	0	1,539	1,165	5,215
52	U. MI all campuses	4,768	4,886	6,093	7,830	0	7,830	0	0
53	NC State U.	5,921	5,417	6,557	7,495	0	0	1,234	6,261
54	U. Central FL	7,374	6,209	7,577	7,398	7,398	0	0	0
55	U. ND all campuses	4,657	5,948	4,570	7,298	2,530	4,587	0	181
56	U. FL	3,750	5,121	6,346	7,224	0	3,553	3,671	0
57	U. MN all campuses	5,858	7,030	6,522	6,928	0	3,290	1,069	2,569
58	U. AZ	7,012	7,401	7,190	6,885	1,664	5,221	0	0
59	U. AL Huntsville, The	5,113	5,117	5,288	6,727	6,727	0	0	0
60	U. NV, Reno	5,844	5,257	6,475	6,510	29	6,278	0	203
61	OH State U. all campuses	5,441	7,192	6,595	6,396	0	6,396	0	0
62	U. NC Wilmington	4,350	5,280	5,802	6,370	0	20	6,300	50
63	Boston C.	453	453 e	5,370	6,288	0	361	0	5,927
64	U. CA, Davis	12,502	10,397	7,572	5,998	218	1,980	862	2,938
65	U. CA, Berkeley	5,342	4,907	5,056	5,935	0	5,935	0	0
66	U. CT all campuses	5,820	5,981	6,752	5,834	0	3	5,831	0
67	MI Technological U.	3,589	4,162	5,522	5,484	0	1,219	0	4,265
68	U. MD Biotechnology Institute	4,641	4,709	5,275	5,460	0	0	5,460	0
69	UT State U.	2,944	2,891	3,235	5,396	4,609	787	0	0
70	U. MA Dartmouth	3,062	3,716	4,767	5,281	0	0	5,281	0
71	U. UT	2,963	4,180	5,325	4,972	2,123	2,849	0	0
72	Brown U.	3,901	3,730	4,136	4,769	0	4,708	0	61
73	WV U.	4,284	4,349	4,713	4,697	0	4,697	0	0
74	U. Chicago	3,977	4,748	4,992	4,638	0	4,638	0	0
75	U. CA, Riverside	4,595	4,238	4,384	4,631	408	2,975	0	1,248
76	U. KS all campuses	2,360	4,109	3,511	4,576	0	4,533	43	0
77	U. WY	3,964	3,964 e	5,728	4,529	2,938	1,284	0	307
78	IA State U.	3,252	3,857	4,466	4,412	0	4,412	0	0
79	Boston U.	3,303	3,452	3,876	4,352	0	1,911	0	2,441
80	MS State U.	5,314	3,706	3,770	4,230	400	2,314	1,516	0
81	San Francisco State U.	468 i	2,849 i	1,900	4,227	0	2,515	1,368	344

TABLE 51. Federally financed R&D expenditures in the environmental sciences at universities and colleges, ranked by all FY 2006 environmental sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
82	U. GA	4,690	3,914	4,644	4,167	0	601	3,566	0
83	Purdue U. all campuses	2,088	3,181	4,021	4,103	1,304	652	0	2,147
84	Jackson State U.	3,336	3,420	4,605	4,074	370	3,704	0	0
85	Cornell U. all campuses	3,211	3,184	3,951	3,984	0	3,564	223	197
86	U. NM all campuses	3,412	3,288	3,976	3,800	496	3,304	0	0
87	FL A&M U.	1,702	2,281	3,247	3,797	0	0	0	3,797
88	Stevens Institute of Technology	1,393 i	7,064	5,154	3,771	207	17	445	3,102
89	Yale U.	2,693	2,949	3,740	3,686	811	2,691	74	110
90	U. CA, Irvine	3,107	3,802	2,995	3,577	0	0	0	3,577
91	SUNY Albany	3,213	4,024	3,358	3,571	3,571	0	0	0
92	FL International U.	1,090	12,208	13,078	3,569	713	2,725	92	39
93	U. WI Milwaukee	1,777	1,685	3,085	3,538	0	242	2,321	975
94	U. VA all campuses	2,426	3,473	3,559	3,517	3,517	0	0	0
95	TX Tech U.	7,241	6,706	4,576	3,487	0	375	0	3,112
96	U. HI Hilo	1,330	873	580	3,473	0	424	816	2,233
97	U. MA Lowell	1,459	1,612	2,272	3,440	0	3,440	0	0
98	Northwestern U.	715	733	1,013	3,408	0	3,408	0	0
99	U. PR Mayaguez Campus	2,899	2,227	3,407	3,260	0	29	3,231	0
100	Washington U. St. Louis	2,795	2,487	3,313	3,169	0	3,169	0	0
	All other sampled institutions	129,626	137,055	155,765	144,748	9,742	86,106	20,842	28,058

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$21 million in federally financed R&D expenditures in the environmental sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 52. R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
	All institutions	23,756,641	25,948,068	27,603,777	28,831,208	2,793,682	9,044,278	15,807,740	1,185,508
1	U. CA, San Francisco	642,645	698,712	728,403	770,485	0	44,073	726,412	0
2	Johns Hopkins U., The ^a	550,700	619,835	674,083	702,207	0	187,148	482,051	33,008
3	U. CA, Los Angeles	613,990	562,755	585,436	609,514	0	21,148	588,366	0
4	Duke U.	433,834	427,955	528,719	553,834	0	105,237	445,961	2,636
5	U. PA	451,063	480,121	528,225	546,624	765	183,593	345,668	16,598
6	U. WA	474,742	481,620	485,173	541,524	13,099	94,439	425,425	8,561
7	U. WI Madison	445,773	473,733	488,831	508,034	43,572	169,105	291,087	4,270
8	Washington U. St. Louis	430,570	443,901	477,021	490,846	0	182,243	303,602	5,001
9	U. MI all campuses	432,951	441,349	492,195	481,245	9,865	124,418	273,961	73,001
10	Baylor C. of Medicine	461,763	476,075	458,694	462,375	0	225,128	237,247	0
11	U. Pittsburgh all campuses	354,931	396,405	449,147	458,627	0	14,192	431,979	12,456
12	U. MN all campuses	372,029	382,932	403,919	434,861	71,992	78,536	273,730	10,603
13	U. CA, Davis	364,029	381,707	404,872	425,934	118,236	133,159	174,539	0
14	Cornell U. all campuses	348,401	356,441	376,860	411,148	87,004	90,080	234,064	0
15	U. MD Baltimore	297,271	317,293	304,396	405,260	0	60,789	324,208	20,263
16	U. CA, San Diego	327,752	359,714	381,402	404,236	55	35,479	367,030	1,672
17	U. TX M. D. Anderson Cancer Ctr.	283,543	317,612	344,804	402,469	0	150,997	251,472	0
18	Yale U.	331,443	366,999	374,599	402,060	1,149	135,460	265,451	0
19	U. FL	295,557	311,513	370,708	390,097	139,882	104,077	129,219	16,919
20	Stanford U.	333,147	373,952	392,129	389,093	0	22,016	367,077	0
21	OH State U. all campuses	255,354	288,853	340,909	373,349	58,109	90,631	222,658	1,951
22	Columbia U. in the City of NY	301,110	322,159	363,922	367,877	0	142,100	222,509	3,268
23	Scripps Research Institute, The	NA	307,910	330,170	367,375	0	367,375	0	0
24	U. NC Chapel Hill	304,618	321,080	339,452	349,179	0	174,836	149,437	24,906
25	U. TX Southwestern Medical Ctr. Dallas	276,692	314,403	320,800	333,237	0	146,709	185,811	717
26	Emory U.	305,031	298,183	319,795	330,039	0	67,089	205,771	57,179
27	Case Western Reserve U.	185,237	179,087	268,303	312,695	0	88,087	219,431	5,177
28	Harvard U.	314,500	351,469	324,112	312,303	0	89,924	222,159	220
29	U. AL Birmingham, The	262,742	288,286	297,702	312,118	0	87,652	222,625	1,841
30	Vanderbilt U.	214,272	250,014	275,664	303,452	0	132,937	161,160	9,355
31	Northwestern U.	213,394	250,795	270,379	300,157	0	92,527	194,274	13,356
32	U. CO all campuses	247,305	272,329	282,598	287,983	13	56,331	224,317	7,322
33	U. IA	230,028	247,550	265,701	274,029	0	60,914	176,678	36,437
34	Mt. Sinai School of Medicine	203,853	212,786	225,293	273,216	0	85,388	187,828	0
35	U. IL Chicago	210,330	232,069	239,554	257,615	0	69,725	175,815	12,075
36	U. Southern CA	225,942	233,541	249,108	256,515	0	13,939	230,525	12,051
37	U. AZ	248,857	255,588	278,726	253,309	56,857	74,685	114,520	7,247
38	U. Cincinnati all campuses	211,405	234,726	244,581	251,055	0	68,813	174,176	8,066
39	U. of Medicine and Dentistry NJ	190,763	209,134	239,778	245,771	0	98,308	147,463	0

TABLE 52. R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
40	OR Health & Science U.	166,291	204,065	226,827	236,976	0	102,631	117,114	17,231
41	U. Rochester	197,436	218,269	231,559	234,547	0	53,821	173,183	7,543
42	U. KY all campuses	187,045	206,585	214,451	230,681	54,404	67,792	104,072	4,413
43	NY U.	193,182	209,064	223,974	229,797	0	88,581	128,998	12,218
44	IN U. all campuses	210,579	233,402	208,902	227,786	0	82,403	136,878	8,505
45	U. GA	207,739	218,663	222,793	224,426	92,534	90,624	36,938	4,330
46	MI State U.	203,510	203,707	205,932	222,066	91,079	100,132	27,496	3,359
47	U. NE all campuses	178,679	202,657	232,085	221,599	60,769	104,705	44,291	11,834
48	LA State U. all campuses	195,419	223,668	229,138	219,906	63,545	107,481	47,982	898
49	U. Chicago	191,112	198,802	214,274	216,635	0	79,292	135,272	2,071
50	SUNY Buffalo all campuses	170,680	185,181	191,492	212,496	0	57,937	146,759	7,800
51	PA State U. all campuses	175,537	198,726	198,841	200,986	73,884	43,241	83,861	0
52	Rockefeller U.	177,216	177,963	185,329	198,779	0	189,558	9,221	0
53	U. CA, Irvine	155,880	171,927	180,436	194,827	0	101,087	93,740	0
54	U. South FL	139,132	169,407	172,849	193,977	0	17,296	176,401	280
55	U. MA Worcester	148,823	169,090	176,349	191,659	0	61,571	80,343	49,745
56	Yeshiva U.	177,236	183,253	193,104	189,416	0	0	189,416	0
57	TX A&M U. all campuses	160,127	167,704	171,899	189,069	85,587	41,401	62,063	18
58	U. CA, Berkeley	174,915	178,073	183,129	180,737	69,794	57,147	53,796	0
59	Wake Forest U.	128,034	130,677	181,685	178,074	0	489	177,585	0
60	Wayne State U.	170,498	182,077	178,254	177,619	0	41,413	126,007	10,199
61	U. TX Medical Branch	150,479	164,172	171,114	177,365	0	72,399	104,966	0
62	Medical U. SC	150,551	163,179	177,965	175,914	0	57,236	69,373	49,305
63	Purdue U. all campuses	145,624	163,164	165,984	175,631	99,355	46,305	22,367	7,604
64	U. TX Health Science Ctr. Houston	149,294	147,328	152,631	175,154	0	24,351	80,350	70,453
65	MA Institute of Technology	76,045	130,170	165,968	172,631	0	148,428	18,335	5,868
66	U. MO-Columbia	151,772	165,113	166,138	169,710	56,144	48,291	56,758	8,517
67	Boston U.	152,133	164,576	168,421	169,662	0	8,772	159,075	1,815
68	U. VA all campuses	141,784	155,682	162,677	168,222	0	64,536	101,729	1,957
69	U. UT	148,016	154,617	163,694	165,066	0	40,630	94,822	29,614
70	NC State U.	135,298	145,675	145,877	162,953	77,488	76,664	0	8,801
71	Rutgers, The State U. NJ all campuses	136,720	144,974	153,739	154,884	41,272	67,415	26,813	19,384
72	U. CT all campuses	133,867	150,176	156,803	154,635	10,818	70,028	70,089	3,700
73	VA Polytechnic Institute and State U.	109,760	115,882	129,454	150,604	76,771	57,229	10,672	5,932
74	U. TX Health Science Ctr. San Antonio	133,304	137,039	142,375	150,040	0	56,850	90,777	2,413
75	U. Miami	120,716	131,424	143,165	147,260	0	27,251	119,475	534
76	Medical C. WI	108,608	139,235	143,540	147,140	0	46,850	100,290	0
77	U. TN all campuses	126,429	131,621	143,820	141,376	35,084	56,060	47,896	2,336
78	Dartmouth C.	103,120	120,511	129,639	140,264	0	5,316	134,948	0
79	U. KS all campuses	121,019	128,426	135,960	137,286	1,051	75,347	38,640	22,248
80	VA Commonwealth U.	107,759	113,794	125,944	130,067	0	47,756	74,954	7,357

TABLE 52. R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
81	U. IL Urbana-Champaign	132,414	131,495	134,291	128,733	49,812	60,838	4,489	13,594
82	WA State U.	107,386	109,290	110,356	124,270	51,153	53,045	7,394	12,678
83	IA State U.	98,658	103,733	106,565	111,494	57,331	38,054	13,197	2,912
84	CO State U.	96,068	96,374	101,279	110,143	31,044	24,262	54,053	784
85	U. NM all campuses	85,772	90,392	108,297	109,570	26	42,293	56,970	10,281
86	U. Louisville	71,379	92,381	105,077	108,833	63	16,925	77,921	13,924
87	OR State U.	95,370	100,349	103,729	108,074	60,383	41,655	4,201	1,835
88	U. AR for Medical Sciences	63,677	74,063	90,987	107,871	0	37,992	67,373	2,506
89	U. VT	94,922	99,972	102,016	107,137	7,744	37,669	49,930	11,794
90	Thomas Jefferson U.	109,083	112,078	107,388	106,986	0	49,272	54,961	2,753
91	Georgetown U.	103,091	111,732	110,052	105,029	0	20,807	81,499	2,723
92	Tulane U.	97,906	107,440	122,618	101,539	0	26,016	23,142	52,381
93	U. OK all campuses	76,789	87,944	97,497	101,346	0	42,569	54,853	3,924
94	Tufts U.	91,883	101,374	102,078	101,279	90	79,566	21,605	18
95	MS State U.	80,613	94,584	97,315	98,183	85,175	5,211	5,407	2,390
96	SUNY Stony Brook all campuses	107,434	116,965	118,250	97,924	0	51,599	46,172	153
97	SUNY Albany	72,593	90,232	102,721	96,729	0	96,729	0	0
98	U. HI Manoa	63,989	99,014	84,326	83,980	15,379	3,287	52,753	12,561
99	Brown U.	65,444	68,879	71,997	82,681	0	31,805	19,740	31,136
100	Rush U.	87,056	86,802	81,032	81,159	0	18,817	60,054	2,288
101	Auburn U. all campuses	73,767	79,811	80,632	80,290	41,407	8,178	14,129	16,576
102	WV U.	59,881	61,925	71,207	79,957	19,272	18,045	38,049	4,591
103	KS State U.	71,803	78,673	80,444	79,617	50,442	28,416	759	0
104	TX A&M U. System Health Science Ctr.	53,382	61,405	70,696	74,132	8	48	74,072	4
105	MT State U. Bozeman	53,672	58,661	70,876	71,686	52,271	17,472	879	1,064
106	U. MS all campuses	54,512	52,366	64,436	64,905	0	9,744	38,306	16,855
107	U. CA, Riverside	61,621	58,891	66,421	64,407	11,080	50,742	2,585	0
108	Uniformed Services U. of the Health Sciences	30,604	89,850	78,608	63,175	0	7,461	55,714	0
109	Medical C. GA	56,398	58,808	67,278	61,174	0	39,610	21,552	12
110	OK State U. all campuses	57,737	58,529	59,077	60,369	33,266	23,209	3,721	173
111	U. MD College Park	60,183	58,758	61,801	60,333	40,904	12,107	0	7,322
112	U. AR main campus	51,878	56,053	56,408	59,420	54,375	3,341	0	1,704
113	ND State U. all campuses	52,693	56,857	56,939	58,219	47,637	3,557	7,025	0
114	Temple U.	42,315	53,739	56,742	56,304	471	20,689	30,320	4,824
115	U. ID	53,644	55,187	53,851	55,712	32,227	15,755	7,700	30
116	U. CA Office of the President	NA	56,382	59,470	54,580	6,353	3,444	44,783	0
117	Clemson U.	47,986	49,788	49,709	52,287	29,125	19,712	3,055	395
118	UT State U.	39,803	45,921	47,663	51,247	35,177	9,586	6,286	198
119	U. WY	27,752	27,752 e	33,885	51,003	22,306	19,512	8,940	245
120	U. TX Austin	43,886	44,309	48,211	48,983	189	29,550	18,607	637
121	Drexel U.	31,036	35,854	41,882	48,341	0	26,525	20,073	1,743
122	U. NV, Reno	45,815	48,236	52,114	47,284	13,232	25,448	8,387	217

TABLE 52. R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
123	Charles R. Drew U. of Medicine and Science	49,888	51,994	43,231	47,188	0	0	47,188	0
124	U. MD Biotechnology Institute	34,615	37,073	44,838	47,012	11,915	28,938	0	6,159
125	AZ State U. main campus	32,025	29,588	45,181	46,523	998	40,756	3	4,766
126	St. Louis U. all campuses	39,869	39,869 e	45,844	46,044	0	16,246	29,626	172
127	George Washington U.	41,984	42,195	44,412	44,856	0	12,637	32,219	0
128	CA Institute of Technology	36,353	44,270	44,305	44,259	0	44,259	0	0
129	U. MA Amherst	33,195	34,791	37,850	42,797	19,183	17,996	3,191	2,427
130	Southern IL U. Carbondale	34,031	32,716	36,055	40,662	8,569	8,116	22,476	1,501
131	U. SC all campuses	41,565	38,926	39,742	40,297	0	10,435	29,472	390
132	NM State U. all campuses	25,484	25,766	29,198	39,424	33,393	5,166	0	865
133	Princeton U.	33,738	38,198	41,607	38,653	0	38,653	0	0
134	U. PR Medical Sciences Campus	31,124 i	34,092	35,809	38,424	0	0	38,424	0
135	SUNY Upstate Medical U.	25,931	32,090	34,931	37,181	0	9,562	27,619	0
136	U. ME	23,116	31,107	26,774	37,181	23,481	11,750	42	1,908
137	Loyola U. Chicago	35,556	34,145	36,593	35,999	0	15,527	19,250	1,222
138	U. MT-Missoula, The	28,130	33,350	36,797	35,129	9,495	13,073	12,157	404
139	NY Medical C.	30,492	33,521	32,460	34,397	0	25,798	8,599	0
140	U. AK Fairbanks all campuses	25,521	29,193	29,679	33,673	14,827	18,846	0	0
141	Eastern VA Medical School	32,801	33,798	33,721	33,013	0	6,399	26,614	0
142	Meharry Medical C.	25,427	27,507	29,105	32,878	0	28,588	4,290	0
143	Loma Linda U.	26,227	29,648	29,898	32,234	0	12,511	19,450	273
144	SUNY Health Science Ctr. Brooklyn	30,680 i	30,207 i	29,732	31,064	0	11,578	19,486	0
145	Wright State U. all campuses	20,531	21,437	25,393	30,574	0	3,301	26,441	832
146	FL State U.	26,507	32,559	29,859	30,403	0	18,249	8,232	3,922
147	U. DE	23,301	25,244	26,600	28,596	18,248	5,490	0	4,858
148	Morehouse School of Medicine	27,154	33,317	30,652	28,378	0	8,737	19,641	0
149	Brandeis U.	24,747	27,311	29,005	27,465	0	27,465	0	0
150	SD State U.	22,702	25,363	26,556	27,454	17,830	3,985	250	5,389
	All other sampled institutions	1,063,117	1,155,641	1,247,356	1,293,396	197,624	674,052	302,963	118,757

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; NA = not available; institution was not surveyed separately.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$20 million in total R&D expenditures in the life sciences.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 53. Federally financed R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
	All institutions	14,652,129	16,666,730	17,692,646	18,268,028	881,306	6,239,560	10,434,463	712,699
1	Johns Hopkins U., The ^a	449,328	511,573	548,516	559,286	0	145,266	383,671	30,349
2	U. WA	392,628	424,433	420,856	459,070	9,588	85,227	356,361	7,894
3	U. CA, San Francisco	348,910	396,729	419,367	444,698	0	35,296	409,402	0
4	U. PA	346,579	359,857	386,272	392,441	27	135,923	243,855	12,636
5	Washington U. St. Louis	327,042	339,307	365,868	371,552	0	147,525	221,654	2,373
6	U. Pittsburgh all campuses	299,734	338,420	362,208	367,021	0	11,756	344,632	10,633
7	U. CA, Los Angeles	299,298	330,141	349,587	364,636	0	16,260	348,376	0
8	U. MI all campuses	285,432	307,794	337,556	350,492	4,359	99,387	199,517	47,229
9	Duke U.	244,212	278,054	304,532	341,291	0	84,429	254,542	2,320
10	Stanford U.	259,118	296,305	312,619	310,995	0	17,250	293,745	0
11	Columbia U. in the City of NY	262,954	279,442	309,787	310,341	0	118,026	189,285	3,030
12	Yale U.	257,953	291,471	293,504	308,984	540	102,955	205,489	0
13	Baylor C. of Medicine	302,764	312,669	300,638	287,679	0	165,321	122,358	0
14	Harvard U.	271,959	313,278	288,385	281,478	0	78,615	202,644	219
15	U. AL Birmingham, The	226,708	242,437	268,552	275,441	0	80,828	193,004	1,609
16	Case Western Reserve U.	169,729	158,535	179,810	269,586	0	69,042	196,632	3,912
17	Scripps Research Institute, The	NA	236,989	272,969	268,533	0	268,533	0	0
18	U. NC Chapel Hill	218,951	238,750	250,489	263,026	0	134,582	118,076	10,368
19	U. CA, San Diego	203,564	236,203	254,231	260,853	0	25,459	235,268	126
20	U. WI Madison	212,985	237,807	257,244	260,761	16,341	96,270	147,492	658
21	Emory U.	217,874	232,355	255,557	255,575	0	57,605	145,674	52,296
22	U. CO all campuses	208,648	228,915	240,405	247,689	0	49,391	192,019	6,279
23	Vanderbilt U.	179,144	211,056	228,670	246,145	0	109,469	128,991	7,685
24	Cornell U. all campuses	195,193	209,798	230,308	245,421	33,539	53,871	158,011	0
25	U. MN all campuses	210,906	220,722	234,037	237,882	17,740	49,715	164,727	5,700
26	Mt. Sinai School of Medicine	152,719	185,249	191,326	224,911	0	75,883	149,028	0
27	OR Health & Science U.	137,235	180,295	201,082	209,517	0	97,471	98,787	13,259
28	U. TX Southwestern Medical Ctr. Dallas	177,196	200,888	202,057	196,621	0	83,460	112,563	598
29	U. CA, Davis	155,161	167,676	183,366	191,690	27,699	68,244	95,747	0
30	OH State U. all campuses	116,877	167,498	167,697	187,241	15,499	51,943	118,017	1,782
31	U. MD Baltimore	126,156	141,221	129,270	186,160	0	27,924	148,928	9,308
32	U. Cincinnati all campuses	167,484	176,816	183,916	183,113	0	46,726	134,060	2,327
33	U. IA	163,646	173,775	179,196	178,554	0	36,047	118,111	24,396
34	U. Southern CA	153,185	161,464	175,724	178,546	0	10,905	159,249	8,392
35	U. Chicago	149,307	164,749	176,068	177,146	0	65,916	109,556	1,674
36	Northwestern U.	132,517	156,686	163,230	167,284	0	63,044	94,734	9,506
37	U. Rochester	136,882	152,592	160,824	167,170	0	44,604	118,049	4,517
38	U. IL Chicago	124,559	148,208	156,635	166,255	0	47,876	108,697	9,682
39	U. TX M. D. Anderson Cancer Ctr.	108,532	132,412	143,477	159,072	0	57,882	101,190	0

TABLE 53. Federally financed R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
40	Boston U.	135,311	146,767	154,782	157,309	0	8,267	147,460	1,582
41	U. AZ	142,078	150,809	150,285	156,591	27,803	48,045	75,860	4,883
42	Yeshiva U.	128,894	151,520	160,894	153,785	0	0	153,785	0
43	U. FL	118,875	133,266	143,813	153,294	22,447	54,163	66,982	9,702
44	NY U.	128,929	143,913	150,029	149,829	0	69,172	74,789	5,868
45	MA Institute of Technology	60,914	114,695	141,176	145,487	0	128,295	12,382	4,810
46	U. VA all campuses	120,155	129,388	138,073	142,937	0	56,002	85,200	1,735
47	U. of Medicine and Dentistry NJ	105,495	121,812	143,239	140,923	0	67,643	73,280	0
48	U. MA Worcester	109,082	126,162	130,680	136,141	0	54,385	64,024	17,732
49	Wake Forest U.	106,876	117,586	138,951	135,557	0	425	135,132	0
50	IN U. all campuses	111,613	124,872	129,200	125,032	0	52,469	67,756	4,807
51	U. TX Health Science Ctr. Houston	107,481	106,737	112,509	122,870	0	21,617	49,719	51,534
52	U. UT	104,091	114,204	118,730	119,695	0	30,522	74,716	14,457
53	U. TX Medical Branch	91,645	101,327	115,343	119,013	0	43,572	75,441	0
54	U. CA, Irvine	92,285	106,209	111,596	117,963	0	71,824	46,139	0
55	SUNY Buffalo all campuses	93,241	102,145	109,361	111,487	0	40,522	67,315	3,650
56	Medical U. SC	92,893	103,494	108,196	104,057	0	42,879	41,364	19,814
57	U. South FL	60,341	82,675	91,408	103,811	0	12,007	91,804	0
58	U. KY all campuses	79,976	90,603	98,002	103,402	11,497	40,136	49,659	2,110
59	Dartmouth C.	69,269	86,002	89,953	100,333	0	4,145	96,188	0
60	Medical C. WI	83,026	100,547	102,859	100,128	0	31,881	68,247	0
61	MI State U.	74,152	78,853	88,874	98,536	32,562	49,386	14,434	2,154
62	PA State U. all campuses	86,415	91,336	95,815	97,055	21,244	20,182	55,629	0
63	U. Miami	79,261	86,590	98,491	95,935	0	21,800	73,614	521
64	U. TX Health Science Ctr. San Antonio	86,683	89,662	95,125	95,110	0	39,775	55,096	239
65	Wayne State U.	84,178	94,812	96,808	94,796	0	25,247	66,555	2,994
66	U. CA, Berkeley	88,065	90,288	98,172	93,070	26,076	38,509	28,485	0
67	LA State U. all campuses	60,649	75,608	90,556	92,563	4,656	60,824	27,001	82
68	U. NE all campuses	62,619	81,002	89,389	91,891	16,057	53,910	19,994	1,930
69	SUNY Albany	63,018	79,427	88,828	88,253	0	88,253	0	0
70	Rockefeller U.	70,042	76,439	80,161	87,515	0	82,119	5,396	0
71	Georgetown U.	84,345	91,419	95,516	87,005	0	17,020	68,600	1,385
72	U. CT all campuses	76,770	86,915	90,532	85,117	6,475	45,070	31,572	2,000
73	U. KS all campuses	70,341	77,525	83,061	84,176	626	49,094	22,513	11,943
74	VA Commonwealth U.	69,759	76,262	83,438	84,142	0	35,540	43,466	5,136
75	Thomas Jefferson U.	85,348	92,296	86,171	82,551	0	42,589	37,670	2,292
76	U. NM all campuses	58,903	60,805	80,016	79,217	16	35,869	39,757	3,575
77	Tufts U.	68,487	79,210	82,608	78,944	0	61,934	17,010	0
78	U. MO-Columbia	62,607	67,833	72,668	75,695	23,863	25,994	23,345	2,493
79	Tulane U.	65,908	75,621	82,388	73,191	0	18,144	12,192	42,855
80	CO State U.	56,130	68,959	56,385	72,638	13,651	16,962	41,659	366
81	U. VT	64,619	68,844	70,034	72,542	3,877	30,088	31,909	6,668

TABLE 53. Federally financed R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
82	U. GA	70,574	72,512	79,051	71,076	18,017	43,155	7,838	2,066
83	U. TN all campuses	63,321	69,659	74,539	70,276	4,439	40,308	23,773	1,756
84	TX A&M U. all campuses	45,979	49,403	55,627	68,845	30,905	15,432	22,508	0
85	Purdue U. all campuses	54,290	62,338	62,788	67,771	26,540	27,453	9,176	4,602
86	U. HI Manoa	50,110	71,092	67,321	67,107	12,914	2,431	41,139	10,623
87	U. AR for Medical Sciences	41,681	53,249	58,661	66,127	0	26,712	37,654	1,761
88	Rutgers, The State U. NJ all campuses	51,288	63,527	70,346	62,889	9,836	36,193	13,211	3,649
89	U. IL Urbana-Champaign	54,100	58,990	60,841	60,503	15,573	37,276	416	7,238
90	U. OK all campuses	41,319	52,107	57,387	58,849	0	30,031	26,184	2,634
91	SUNY Stony Brook all campuses	60,520	66,377	69,862	58,733	0	31,543	27,126	64
92	Brown U.	45,491	48,819	54,082	58,180	0	23,869	12,459	21,852
93	U. Louisville	30,931	44,572	53,420	55,384	50	9,424	40,839	5,071
94	OR State U.	44,575	49,609	49,142	52,157	24,592	22,406	3,372	1,787
95	VA Polytechnic Institute and State U.	35,641	36,016	40,997	49,798	20,065	24,391	4,099	1,243
96	NC State U.	39,689	40,907	42,988	47,805	12,144	31,641	0	4,020
97	WA State U.	40,478	42,729	43,289	46,776	13,503	26,046	2,287	4,940
98	IA State U.	36,716	40,605	44,065	45,623	19,504	18,418	6,148	1,553
99	U. MS all campuses	36,540	36,568	44,412	44,961	0	7,047	27,177	10,737
100	Charles R. Drew U. of Medicine and Science	39,407	40,430	41,207	44,394	0	0	44,394	0
101	Rush U.	48,374	50,023	47,398	43,754	0	14,040	28,311	1,403
102	St. Louis U. all campuses	35,890	35,890 e	43,332	43,444	0	13,860	29,433	151
103	MT State U. Bozeman	26,077	29,343	40,416	42,269	27,186	13,680	705	698
104	Medical C. GA	28,280	35,841	41,910	41,555	0	30,216	11,339	0
105	CA Institute of Technology	34,128	42,498	40,582	37,955	0	37,955	0	0
106	Temple U.	30,161	36,890	38,543	37,051	310	15,102	19,106	2,533
107	WV U.	29,531	31,821	33,616	36,965	7,946	11,303	16,080	1,636
108	Uniformed Services U. of the Health Sciences	9,527	62,301	49,950	36,611	0	2,868	33,743	0
109	MS State U.	25,585	34,637	35,754	35,967	30,965	3,460	107	1,435
110	U. TX Austin	31,220	33,646	34,129	34,844	0	20,429	13,839	576
111	Drexel U.	22,266	26,811	30,620	34,728	0	20,338	13,342	1,048
112	TX A&M U. System Health Science Ctr.	25,293	27,862	30,839	33,369	0	48	33,321	0
113	U. NV, Reno	28,402	30,404	32,554	32,678	4,095	21,596	6,987	0
114	U. PR Medical Sciences Campus	25,845 i	28,063	29,863	31,199	0	0	31,199	0
115	Meharry Medical C.	24,195	26,159	27,408	30,914	0	26,624	4,290	0
116	UT State U.	20,215	22,815	28,369	29,485	19,859	5,203	4,225	198
117	KS State U.	28,046	33,245	34,298	28,933	11,989	16,588	356	0
118	Loma Linda U.	22,675	26,631	26,855	28,583	0	11,596	16,714	273
119	U. ID	24,429	30,429	27,667	28,417	14,306	8,647	5,441	23

TABLE 53. Federally financed R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
120	SUNY Upstate Medical U.	16,652	22,650	23,275	27,247	0	8,758	18,489	0
121	NY Medical C.	23,387	25,103	25,242	26,579	0	19,934	6,645	0
122	U. MD Biotechnology Institute	15,348	19,727	26,001	26,545	6,563	17,039	0	2,943
123	AZ State U. main campus	10,776	15,116	19,869	26,146	651	21,680	0	3,815
124	U. MT-Missoula, The	20,511	25,293	27,899	25,869	5,886	9,412	10,230	341
125	Princeton U.	23,596	26,212	27,757	25,520	0	25,520	0	0
126	U. SC all campuses	21,579	24,503	21,833	25,345	0	8,237	17,108	0
127	SUNY Health Science Ctr. Brooklyn	23,162 i	23,313 i	23,466	25,184	0	9,979	15,205	0
128	Morehouse School of Medicine	24,382	23,331	24,213	25,156	0	8,661	16,495	0
129	Howard U.	24,371	26,544	28,628	24,297	0	13,007	11,290	0
130	Loyola U. Chicago	26,944	27,795	26,984	24,084	0	11,559	12,376	149
131	U. MD College Park	29,284	25,470	25,288	23,798	12,050	8,752	0	2,996
132	U. CA, Riverside	17,985	19,122	21,939	23,109	2,405	19,091	1,613	0
133	George Washington U.	27,267	27,633	26,500	23,065	0	9,048	14,017	0
134	U. MA Amherst	19,438	19,824	20,757	23,047	9,037	11,743	1,481	786
135	Brandeis U.	18,688	22,200	24,115	22,277	0	22,277	0	0
136	U. OR	17,340	20,356	22,730	22,085	0	7,831	13,424	830
137	U. AK Fairbanks all campuses	13,711	13,328	16,428	20,466	8,434	12,032	0	0
138	Eastern VA Medical School	15,431	17,530	19,969	19,399	0	5,019	14,380	0
139	U. North TX Health Science Ctr. Ft. Worth	9,927	13,259	17,037	19,183	0	16,248	2,935	0
140	Auburn U. all campuses	19,315	22,419	23,550	18,800	8,544	2,910	4,723	2,623
141	OK State U. all campuses	15,858	18,964	17,528	17,572	7,404	9,097	910	161
142	FL State U.	16,254	20,576	17,409	16,820	0	10,654	4,118	2,048
143	San Diego State U.	13,977	14,763	17,201	16,530	0	8,398	6,663	1,469
144	U. SD	5,464	10,311	13,769	16,171	0	887	15,284	0
145	Wright State U. all campuses	12,098	11,866	12,630	15,007	0	936	14,070	1
146	U. WY	11,783	11,783 e	15,858	14,852	3,510	8,295	2,956	91
147	U. AR main campus	13,151	13,678	13,855	14,637	11,832	2,060	0	745
148	Medical U. OH	14,146	14,591	14,756	14,607	0	10,951	3,598	58
149	FL A&M U.	11,761	16,886	14,134	14,438	6,688	1,674	6,076	0
150	U. DE	10,222	12,661	13,070	14,419	6,370	4,195	0	3,854
	All other sampled institutions	651,694	728,097	774,878	786,057	131,012	434,141	146,759	74,145

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; NA = not available; institution was not surveyed separately.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$20 million in federally financed R&D expenditures in the life sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 54. Total and federally financed R&D expenditures in the agricultural sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	2,555,137	2,695,406	2,656,772	2,793,682	764,247	866,954	844,412	881,306
1	U. FL	111,340	127,866	135,943	139,882	25,070	27,330	24,095	22,447
2	U. CA, Davis	116,189	116,311	119,411	118,236	32,100	29,951	27,881	27,699
3	Purdue U. all campuses	88,408	94,778	94,060	99,355	21,635	26,786	25,571	26,540
4	U. GA	96,695	98,376	91,831	92,534	20,585	22,422	21,551	18,017
5	MI State U.	80,279	81,471	86,723	91,079	22,514	24,837	29,446	32,562
6	Cornell U. all campuses	75,694	79,371	84,180	87,004	23,869	26,800	29,585	33,539
7	TX A&M U. all campuses	73,474	77,490	77,916	85,587	19,991	21,884	24,523	30,905
8	MS State U.	71,392	81,980	83,644	85,175	23,383	29,304	29,983	30,965
9	NC State U.	63,130	68,916	63,948	77,488	10,426	10,605	10,412	12,144
10	VA Polytechnic Institute and State U.	64,010	64,162	68,002	76,771	17,865	16,714	17,366	20,065
11	PA State U. all campuses	74,234	77,983	72,115	73,884	19,173	20,329	21,126	21,244
12	U. MN all campuses	62,884	61,209	65,464	71,992	15,946	16,402	18,700	17,740
13	U. CA, Berkeley	70,932	72,018	68,247	69,794	22,213	25,687	26,222	26,076
14	LA State U. all campuses	59,956	62,632	63,481	63,545	4,866	5,310	5,325	4,656
15	U. NE all campuses	48,085	54,540	56,451	60,769	12,127	14,865	16,092	16,057
16	OR State U.	54,765	54,495	55,269	60,383	22,385	23,935	22,661	24,592
17	OH State U. all campuses	51,748	61,518	44,454	58,109	6,306	22,960	15,947	15,499
18	IA State U.	43,841	45,693	54,885	57,331	11,072	13,408	19,257	19,504
19	U. AZ	60,461	68,529	67,469	56,857	24,760	30,715	26,952	27,803
20	U. MO-Columbia	63,609	70,313	67,553	56,144	18,155	21,347	21,314	23,863
21	U. KY all campuses	50,440	52,141	51,114	54,404	6,988	8,265	9,473	11,497
22	U. AR main campus	49,193	52,275	50,689	54,375	11,125	11,543	10,818	11,832
23	MT State U. Bozeman	36,945	40,895	48,069	52,271	14,133	16,543	23,919	27,186
24	WA State U.	46,982	45,949	45,903	51,153	11,061	12,051	11,280	13,503
25	KS State U.	48,261	50,556	50,237	50,442	13,227	15,028	14,585	11,989
26	U. IL Urbana-Champaign	55,359	50,554	54,498	49,812	14,495	15,110	16,873	15,573
27	ND State U. all campuses	46,863	50,163	46,551	47,637	5,971	7,520	8,776	7,934
28	U. WI Madison	44,664	43,238	43,665	43,572	16,681	16,314	16,139	16,341
29	Auburn U. all campuses	47,982	47,791	47,682	41,407	10,041	9,951	8,798	8,544
30	Rutgers, The State U. NJ all campuses	37,725	38,795	41,367	41,272	9,290	10,506	10,959	9,836
31	U. MD College Park	38,607	36,246	37,806	40,904	14,187	10,332	10,145	12,050
32	UT State U.	24,405	27,571	30,662	35,177	11,830	13,040	17,906	19,859
33	U. TN all campuses	31,704	33,213	34,613	35,084	2,374	3,017	4,003	4,439
34	NM State U. all campuses	20,985	20,196	22,696	33,393	8,301	9,410	9,920	10,420
35	OK State U. all campuses	33,863	32,851	33,787	33,266	7,669	7,805	6,970	7,404
36	U. ID	37,817	34,530	34,088	32,227	14,411	15,411	14,667	14,306
37	CO State U.	19,875	25,575	30,033	31,044	7,969	13,641	11,819	13,651
38	Clemson U.	29,597	30,001	29,457	29,125	6,193	7,692	5,789	5,036
39	U. ME	10,771	12,811	11,359	23,481	3,635	4,179	3,453	6,393
40	U. WY	12,518	12,518 e	12,518	22,306	4,177	4,177 e	4,088	3,510
41	WV U.	10,950	15,905	17,777	19,272	4,409	6,819	7,517	7,946
42	U. MA Amherst	10,762	15,321	17,017	19,183	5,508	7,367	8,313	9,037
43	U. DE	15,357	15,645	16,976	18,248	4,165	5,806	5,695	6,370
44	SD State U.	15,550	17,412	17,120	17,830	4,440	4,915	5,952	6,104
45	U. HI Manoa	10,176	15,883	15,626	15,379	8,462	13,816	13,825	12,914

TABLE 54. Total and federally financed R&D expenditures in the agricultural sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
46	U. AK Fairbanks all campuses	11,647	12,713	12,752	14,827	5,525	4,568	5,975	8,434
47	TX Tech U.	11,460	10,953	11,707	14,275	1,885	2,267	2,918	3,416
48	U. NV, Reno	14,325	13,850	16,314	13,232	3,516	3,570	3,987	4,095
49	U. WA	19,075	13,222	13,742	13,099	12,619	9,582	10,047	9,588
50	U. MD Biotechnology Institute	5,392	5,087	6,726	11,915	2,831	2,636	3,789	6,563
51	U. CA, Riverside	44,922	44,010	10,955	11,080	9,975	11,656	1,905	2,405
52	U. CT all campuses	7,961	7,917	9,616	10,818	3,729	4,348	5,244	6,475
53	Southern IL U. Edwardsville	0	0	1,722	10,543	0	0	41	251
54	U. RI	7,612	7,864	7,091	10,411	6,833	6,668	5,056	5,197
55	NC Agricultural and Technical State U.	6,855	7,882	8,827	10,227	3,496	3,660	3,992	3,842
56	U. MI all campuses	7,192	7,715	9,411	9,865	2,876	3,542	4,694	4,359
57	U. NH	11,482	12,117	11,920	9,731	3,894	2,503	3,860	3,613
58	U. MT-Missoula, The	9,291	9,784	10,252	9,495	5,844	6,017	6,579	5,886
59	AL A&M U.	24,223 i	12,723	11,950	9,389	20,864 i	8,214	8,716	5,489
60	FL A&M U.	4,913	6,648	7,735	9,116	4,493	4,909	5,627	6,688
61	Southern IL U. Carbondale	11,650	10,772	9,929	8,569	1,883	2,917	2,614	1,864
62	CA State U. Fresno	8,110	10,867	9,108	8,336	418	1,187	2,284	609
63	VA State U.	6,305	5,504	4,703	7,844	6,060	5,206	2,386	5,551
64	U. VT	7,069	6,993	7,805	7,744	2,878	2,875	3,755	3,877
65	TX A&M U. Kingsville	5,565	6,211	7,201	6,855	604	773	854	533
66	Alcorn State U.	5,333	5,566	6,256	6,593	5,333	5,566	5,396	5,706
67	TN State U.	5,122	6,118	6,362	6,494	3,129	3,556	3,600	3,913
68	U. CA Office of the President	NA	6,621	5,864	6,353	NA	148	251	130
69	U. AR Pine Bluff	5,276	5,142	5,374	5,933	2,641	2,767	2,986	3,098
70	Prairie View A&M U.	5,097	5,326	6,063	5,880	3,218	3,441	3,406	3,972
71	Northern AZ U.	6,190	5,448	5,688	5,830	3,675	4,032	4,043	3,679
72	Tarleton State U.	4,210	3,974	4,957	5,229	3,912	3,819	4,884	4,959
73	CA State Polytechnic U. San Luis Obispo	2,936	3,198	4,336	4,756	227	196	987	2,050
74	Langston U.	4,332	3,578	4,371	4,416	4,332	3,578	3,848	3,661
75	U. GU	2,544	3,817	3,445 i	3,790	2,544	3,817	3,429 i	3,790
76	Humboldt State U.	2,659 i	2,725 i	2,796 i	3,359	1,560 i	1,552 i	1,543 i	1,621
77	U. Toledo	61	492	2,608	3,259	0	355	1,926	2,150
78	Stephen F. Austin State U.	3,170	2,601	1,872	3,165	590	433	459	359
79	KY State U.	6,251	3,148	2,957	3,152	6,251	3,148	2,957	3,066
80	Lincoln U. (Jefferson City, MO)	2,407	2,076	2,384	2,797	2,015	1,452	1,821	1,878
81	Tuskegee U.	2,296	2,649	2,522	2,694	2,142	2,512	2,392	2,512
82	West TX A&M U.	1,512	1,434	1,809	2,630	204	309	589	1,170
83	DE State U.	1,888	2,240 i	2,109	2,614	1,650	1,982 i	1,862	2,370
84	Ft. Valley State U.	2,892	2,596	2,497	2,570	2,798	2,558	2,492	2,570
85	U. CA, Santa Cruz	2,575	2,726	2,563	2,524	420	463	489	492
86	WV State U.	851 i	986	2,075	2,271	810 i	956	1,688	1,671
87	Brigham Young U. all campuses	165	273	262	1,833	36	140	118	629
88	SUNY C. of Environmental Science and Forestry	4,044 i	2,931 i	1,710 i	1,797 i	698 i	876 i	1,054 i	1,087 i
89	U. NC Wilmington	1,343	1,429	2,321	1,725	899	1,020	594	494
90	U. MD Eastern Shore	1,408	152	1,288	1,401	1,147	82	1,236	1,347

TABLE 54. Total and federally financed R&D expenditures in the agricultural sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
91	Yale U.	2,306	1,582	1,465	1,149	1,130	639	625	540
92	U. DC	930	1,277	1,323	1,109	451	710	618	587
93	U. Central AR	477 i	513 i	580 i	1,106 i	225 i	286 i	286 i	316 i
94	U. KS all campuses	218	589	1,245	1,051	192	405	924	626
95	AZ State U. main campus	1,080	725	604	998	558	469	436	651
96	U. WI Stevens Point	1,126	1,042	884	849	494	538	481	379
97	AR State U. main campus	399	505	834	803	0	0	14	20
98	U. PA	439	489	336	765	186	184	9	27
99	East Carolina U.	306	218	355	747	199	143	113	51
100	U. MA Dartmouth	617	1,064	1,180	744	617	914	962	594
All other sampled institutions		29,151	59,638	11,655	9,742	14,558	44,961	5,880	4,815

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

NA = not available; institution was not surveyed separately.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 55. Total and federally financed R&D expenditures in the biological sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	7,384,153	8,151,658	8,843,171	9,044,278	5,018,940	5,743,290	6,198,560	6,239,560
1	Scripps Research Institute, The	NA	307,910	330,170	367,375	NA	236,989	272,969	268,533
2	Baylor C. of Medicine	237,343	237,838	235,747	225,128	187,069	185,576	175,008	165,321
3	Rockefeller U.	172,060	169,753	176,916	189,558	64,886	71,044	75,714	82,119
4	Johns Hopkins U., The ^a	138,572	158,490	171,374	187,148	110,410	131,938	136,643	145,266
5	U. PA	162,352	170,081	183,039	183,593	127,515	129,805	137,179	135,923
6	Washington U. St. Louis	191,076	178,256	188,459	182,243	160,931	147,027	154,543	147,525
7	U. NC Chapel Hill	129,799	143,891	161,548	174,836	102,748	114,461	129,588	134,582
8	U. WI Madison	144,462	155,682	167,191	169,105	80,833	89,736	96,752	96,270
9	U. TX M. D. Anderson Cancer Ctr.	133,393	142,326	135,884	150,997	51,823	63,268	58,788	57,882
10	MA Institute of Technology	54,824	106,095	142,194	148,428	46,722	97,747	124,890	128,295
11	U. TX Southwestern Medical Ctr. Dallas	122,035	135,239	142,294	146,709	75,230	85,369	86,919	83,460
12	Columbia U. in the City of NY	114,788	123,468	150,438	142,100	103,598	108,485	124,422	118,026
13	Yale U.	110,697	120,311	125,653	135,460	89,477	98,117	100,953	102,955
14	U. CA, Davis	119,074	125,408	129,433	133,159	53,858	59,286	65,043	68,244
15	Vanderbilt U.	107,375	120,991	125,819	132,937	93,586	105,530	108,372	109,469
16	U. MI all campuses	122,533	115,929	124,738	124,418	87,784	90,778	99,390	99,387
17	LA State U. all campuses	77,352	95,079	105,194	107,481	38,353	50,485	57,525	60,824
18	Duke U.	65,864	71,459	77,924	105,237	54,303	57,723	60,860	84,429
19	U. NE all campuses	86,528	95,811	103,582	104,705	36,237	47,336	51,720	53,910
20	U. FL	58,708	59,437	96,057	104,077	35,884	38,423	52,492	54,163
21	OR Health & Science U.	53,547	83,807	104,081	102,631	48,848	80,413	99,197	97,471
22	U. CA, Irvine	83,099	87,335	88,481	101,087	56,667	62,823	65,144	71,824
23	MI State U.	92,712	90,781	89,315	100,132	37,814	38,947	43,926	49,386
24	U. of Medicine and Dentistry NJ	82,028	81,562	89,134	98,308	54,987	59,688	60,741	67,643
25	SUNY Albany	72,593	90,232	102,721	96,729	63,018	79,427	88,828	88,253
26	U. WA	124,234	86,950	81,810	94,439	106,610	79,701	75,379	85,227
27	Northwestern U.	67,271	85,943	90,240	92,527	48,355	60,667	65,185	63,044
28	OH State U. all campuses	72,744	86,864	94,325	90,631	40,152	56,742	54,104	51,943
29	U. GA	82,550	85,560	92,693	90,624	43,582	41,506	47,432	43,155
30	Cornell U. all campuses	78,523	78,771	86,775	90,080	46,244	46,579	52,306	53,871
31	Harvard U.	71,591	63,427	70,389	89,924	63,047	59,100	62,175	78,615
32	NY U.	58,561	51,765	87,311	88,581	44,784	43,399	72,025	69,172
33	Case Western Reserve U.	50,210	66,203	102,910	88,087	45,276	55,682	70,859	69,042
34	U. AL Birmingham, The	80,500	92,860	84,351	87,652	71,622	81,821	79,308	80,828
35	Mt. Sinai School of Medicine	83,296	84,429	75,090	85,388	65,072	66,690	68,167	75,883
36	IN U. all campuses	67,475	79,709	72,993	82,403	42,285	51,619	54,169	52,469
37	Tufts U.	79,921	88,343	80,837	79,566	61,868	70,488	66,044	61,934
38	U. Chicago	62,497	70,322	77,354	79,292	50,068	60,291	66,548	65,916
39	U. MN all campuses	64,602	63,087	70,065	78,536	37,159	39,668	46,310	49,715
40	NC State U.	69,603	73,478	78,147	76,664	28,316	28,818	31,091	31,641
41	U. KS all campuses	58,956	70,110	75,122	75,347	36,047	45,962	50,972	49,094
42	U. AZ	75,743	76,621	90,145	74,685	45,836	48,410	51,276	48,045
43	U. TX Medical Branch	83,338	88,794	91,691	72,399	43,833	54,703	60,578	43,572

TABLE 55. Total and federally financed R&D expenditures in the biological sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
44	U. CT all campuses	49,817	61,017	63,536	70,028	43,114	41,630	42,397	45,070
45	U. IL Chicago	53,627	61,673	70,047	69,725	35,240	44,363	48,168	47,876
46	U. Cincinnati all campuses	62,101	72,188	70,936	68,813	48,856	51,104	49,415	46,726
47	U. KY all campuses	58,746	64,430	66,019	67,792	34,550	36,976	40,119	40,136
48	Rutgers, The State U. NJ all campuses	54,928	60,444	66,915	67,415	22,461	28,564	37,790	36,193
49	Emory U.	54,005	56,521	61,922	67,089	44,192	49,420	54,826	57,605
50	U. VA all campuses	64,283	64,567	66,798	64,536	54,837	53,977	56,910	56,002
51	U. MA Worcester	50,967	57,951	58,543	61,571	46,064	51,693	51,744	54,385
52	U. IA	55,773	61,428	61,768	60,914	37,218	38,961	36,763	36,047
53	U. IL Urbana-Champaign	61,955	61,911	61,322	60,838	34,172	36,436	35,639	37,276
54	U. MD Baltimore	44,591	47,594	45,659	60,789	18,923	21,183	19,391	27,924
55	SUNY Buffalo all campuses	59,106	61,850	60,307	57,937	40,354	42,504	43,455	40,522
56	Medical U. SC	43,591	50,040	57,044	57,236	35,301	40,398	42,665	42,879
57	VA Polytechnic Institute and State U.	19,330	19,560	44,038	57,229	9,420	9,024	18,074	24,391
58	U. CA, Berkeley	58,860	57,014	59,425	57,147	41,794	38,510	39,175	38,509
59	U. TX Health Science Ctr. San Antonio	58,654	50,930	54,610	56,850	38,140	35,567	40,346	39,775
60	U. CO all campuses	53,291	52,743	55,572	56,331	47,582	46,611	48,539	49,391
61	U. TN all campuses	47,941	51,630	57,372	56,060	36,927	39,205	41,445	40,308
62	U. Rochester	52,101	52,590	55,176	53,821	42,140	43,641	46,203	44,604
63	WA State U.	49,105	51,776	51,973	53,045	24,851	26,192	25,832	26,046
64	SUNY Stony Brook all campuses	61,946	64,640	54,983	51,599	37,906	42,817	43,617	31,543
65	U. CA, Riverside	13,943	12,672	52,794	50,742	6,093	5,817	18,016	19,091
66	Thomas Jefferson U.	62,315	54,101	47,882	49,272	47,756	50,229	43,660	42,589
67	U. MO-Columbia	39,274	44,439	48,290	48,291	18,668	20,542	25,970	25,994
68	VA Commonwealth U.	36,781	38,709	43,884	47,756	26,882	29,300	33,200	35,540
69	Medical C. WI	42,748	42,144	49,796	46,850	32,679	30,434	35,683	31,881
70	Purdue U. all campuses	34,044	40,187	45,300	46,305	20,309	20,827	24,484	27,453
71	CA Institute of Technology	36,353	44,270	44,305	44,259	34,128	42,498	40,582	37,955
72	U. CA, San Francisco	61,621	43,548	43,574	44,073	40,639	33,166	33,040	35,296
73	PA State U. all campuses	35,939	40,941	42,657	43,241	18,421	19,690	20,666	20,182
74	U. OK all campuses	34,457	36,428	37,686	42,569	20,781	24,215	26,124	30,031
75	U. NM all campuses	39,717	32,218	51,499	42,293	30,931	22,749	37,624	35,869
76	OR State U.	35,398	39,711	42,259	41,655	18,600	20,947	21,395	22,406
77	Wayne State U.	3,350	3,341	44,056	41,413	2,286	2,247	27,503	25,247
78	TX A&M U. all campuses	33,920	35,476	37,893	41,401	9,784	10,605	12,110	15,432
79	AZ State U. main campus	28,398	26,137	41,565	40,756	8,307	12,468	16,719	21,680
80	U. UT	38,259	39,745	41,241	40,630	29,074	30,161	31,175	30,522
81	Medical C. GA	32,954	36,915	44,745	39,610	17,510	23,837	29,529	30,216
82	Princeton U.	33,738	38,198	41,607	38,653	23,596	26,212	27,757	25,520
83	IA State U.	43,449	44,794	37,958	38,054	19,122	20,089	18,145	18,418
84	U. AR for Medical Sciences	9,500	30,558	34,689	37,992	7,292	25,496	20,775	26,712
85	U. VT	33,233	34,079	35,625	37,669	27,064	27,554	29,389	30,088
86	U. CA, San Diego	54,071	60,730	50,936	35,479	36,384	42,718	37,592	25,459
87	Brown U.	7,230 i	7,565 i	23,456	31,805	4,379 i	4,699 i	18,420	23,869
88	U. TX Austin	25,367	26,222	28,521	29,550	17,956	19,558	19,887	20,429

TABLE 55. Total and federally financed R&D expenditures in the biological sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
89	U. MD Biotechnology Institute	21,071	22,491	27,736	28,938	7,601	10,988	15,342	17,039
90	Meharry Medical C.	23,331	23,433	23,534	28,588	23,331	23,154	23,534	26,624
91	KS State U.	22,496	27,250	29,602	28,416	14,365	17,702	19,331	16,588
92	Brandeis U.	24,747	27,311	29,005	27,465	18,688	22,200	24,115	22,277
93	U. Miami	25,408	26,588	28,957	27,251	18,907	21,194	24,166	21,800
94	Drexel U.	15,940	21,311	23,104	26,525	12,410	17,407	16,705	20,338
95	Tulane U.	18,771	28,974	29,328	26,016	12,419	18,186	19,314	18,144
96	NY Medical C.	22,760	25,141	24,345	25,798	18,910	18,989	18,932	19,934
97	U. NV, Reno	22,202	26,455	27,087	25,448	18,119	20,509	21,728	21,596
98	U. TX Health Science Ctr. Houston	42,126	42,199	21,762	24,351	37,350	36,512	18,600	21,617
99	CO State U.	64,179	28,867	27,974	24,262	40,585	22,126	16,153	16,962
100	OK State U. all campuses	20,307	22,559	21,612	23,209	7,318	10,707	10,016	9,097
	All other sampled institutions	1,065,609	1,133,047	1,223,308	1,220,522	713,517	796,515	857,132	842,131

i = data point imputed.

NA = not available; institution was not surveyed separately.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$17 million in total and \$16 million in federally financed R&D expenditures in the biological sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 56. Total and federally financed R&D expenditures in the medical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	12,779,239	14,036,803	14,877,270	15,807,740	8,242,475	9,388,983	9,896,179	10,434,463
1	U. CA, San Francisco	581,024	655,164	684,829	726,412	308,271	363,563	386,327	409,402
2	U. CA, Los Angeles	583,167	542,745	563,613	588,366	285,481	314,885	332,692	348,376
3	Johns Hopkins U., The ^a	383,945	430,141	468,404	482,051	313,602	350,909	380,345	383,671
4	Duke U.	366,539	355,060	449,006	445,961	188,586	219,195	242,207	254,542
5	U. Pittsburgh all campuses	332,214	372,068	424,482	431,979	280,529	316,980	341,308	344,632
6	U. WA	311,786	374,135	380,970	425,425	256,534	328,194	327,365	356,361
7	Stanford U.	314,088	352,967	369,032	367,077	244,169	278,738	294,503	293,745
8	U. CA, San Diego	271,570	297,330	329,104	367,030	166,887	193,365	216,561	235,268
9	U. PA	276,153	296,842	330,178	345,668	206,835	219,636	237,837	243,855
10	U. MD Baltimore	237,817	253,834	243,517	324,208	100,925	112,977	103,416	148,928
11	Washington U. St. Louis	230,511	261,722	284,068	303,602	160,898	190,661	209,301	221,654
12	U. WI Madison	254,282	272,640	274,207	291,087	114,916	131,296	143,683	147,492
13	U. MI all campuses	244,181	248,080	264,077	273,961	158,448	170,700	187,636	199,517
14	U. MN all campuses	235,350	249,193	257,309	273,730	153,523	160,320	164,148	164,727
15	Yale U.	218,440	245,106	247,481	265,451	167,346	192,715	191,926	205,489
16	U. TX M. D. Anderson Cancer Ctr.	150,150	175,286	208,920	251,472	56,709	69,144	84,689	101,190
17	Baylor C. of Medicine	224,420	238,237	222,947	237,247	115,695	127,093	125,630	122,358
18	Cornell U. all campuses	194,184	198,299	205,905	234,064	125,080	136,419	148,417	158,011
19	U. Southern CA	200,561	210,001	224,343	230,525	137,508	144,882	157,793	159,249
20	U. CO all campuses	177,847	205,313	219,034	224,317	152,926	175,535	185,860	192,019
21	OH State U. all campuses	107,610	108,227	198,744	222,658	55,686	65,363	95,364	118,017
22	U. AL Birmingham, The	179,415	193,390	210,668	222,625	152,411	158,762	186,578	193,004
23	Columbia U. in the City of NY	184,523	196,759	210,729	222,509	157,648	169,272	183,008	189,285
24	Harvard U.	242,559	287,594	252,985	222,159	208,562	253,858	225,532	202,644
25	Case Western Reserve U.	134,782	112,884	140,150	219,431	124,208	102,853	85,616	196,632
26	Emory U.	190,824	188,308	201,751	205,771	126,740	136,654	148,947	145,674
27	Northwestern U.	138,904	156,735	168,429	194,274	79,523	90,588	90,047	94,734
28	Yeshiva U.	96,665	99,873	104,086	189,416	70,299	82,578	87,687	153,785
29	Mt. Sinai School of Medicine	120,557	128,357	150,203	187,828	87,647	118,559	123,159	149,028
30	U. TX Southwestern Medical Ctr. Dallas	154,194	178,652	177,855	185,811	101,573	115,162	114,816	112,563
31	Wake Forest U.	127,528	129,956	181,139	177,585	106,396	116,889	138,418	135,132
32	U. IA	147,960	152,119	168,985	176,678	105,789	110,048	117,959	118,111
33	U. South FL	134,865	155,611	159,022	176,401	57,085	72,311	80,543	91,804
34	U. IL Chicago	145,433	158,381	157,764	175,815	81,795	95,496	99,420	108,697
35	U. CA, Davis	128,766	139,988	156,028	174,539	69,203	78,439	90,442	95,747
36	U. Cincinnati all campuses	140,722	152,739	162,638	174,176	115,730	122,229	131,698	134,060
37	U. Rochester	137,060	156,924	168,186	173,183	90,075	103,961	110,515	118,049
38	Vanderbilt U.	100,778	121,888	141,063	161,160	80,036	99,315	112,734	128,991
39	Boston U.	141,491	153,154	157,144	159,075	125,473	136,144	143,892	147,460
40	U. NC Chapel Hill	145,126	144,504	145,786	149,437	105,951	112,888	109,490	118,076

TABLE 56. Total and federally financed R&D expenditures in the medical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
41	U. of Medicine and Dentistry NJ	108,735	127,572	150,644	147,463	50,508	62,124	82,498	73,280
42	SUNY Buffalo all campuses	103,221	116,764	125,108	146,759	48,074	56,133	62,408	67,315
43	IN U. all campuses	136,549	146,109	129,603	136,878	65,513	69,055	69,906	67,756
44	U. Chicago	126,964	127,312	135,652	135,272	98,117	103,512	108,382	109,556
45	Dartmouth C.	98,515	115,469	123,076	134,948	65,959	81,877	85,535	96,188
46	U. FL	118,105	116,977	127,460	129,219	53,390	62,355	61,140	66,982
47	NY U.	92,855	125,925	118,680	128,998	55,995	75,964	72,548	74,789
48	Wayne State U.	163,851	175,377	123,263	126,007	79,939	90,676	67,032	66,555
49	U. Miami	95,137	104,546	113,966	119,475	60,238	65,119	74,083	73,614
50	OR Health & Science U.	98,228	104,593	113,059	117,114	75,901	85,296	93,655	98,787
51	U. AZ	109,167	106,460	116,639	114,520	68,726	68,450	68,347	75,860
52	U. TX Medical Branch	67,141	75,378	79,423	104,966	47,812	46,624	54,765	75,441
53	U. KY all campuses	73,423	84,660	90,718	104,072	36,580	43,533	46,010	49,659
54	U. VA all campuses	76,804	89,205	93,730	101,729	64,645	73,731	79,219	85,200
55	Medical C. WI	65,860	97,091	93,744	100,290	50,347	70,113	67,176	68,247
56	U. UT	77,267	87,181	97,317	94,822	58,838	68,211	74,333	74,716
57	U. CA, Irvine	72,781	84,592	91,955	93,740	35,618	43,386	46,452	46,139
58	U. TX Health Science Ctr. San Antonio	74,650	84,176	86,153	90,777	48,543	53,705	54,524	55,096
59	PA State U. all campuses	65,308	79,778	84,038	83,861	48,779	51,317	54,023	55,629
60	Georgetown U.	76,247	84,276	83,726	81,499	60,148	67,054	72,475	68,600
61	U. TX Health Science Ctr. Houston	96,241	95,110	70,097	80,350	67,031	67,501	49,043	49,719
62	U. MA Worcester	56,548	68,779	73,125	80,343	45,965	56,406	58,236	64,024
63	U. Louisville	55,551	74,949	81,363	77,921	24,871	37,614	44,294	40,839
64	VA Commonwealth U.	64,709	68,427	73,915	74,954	38,509	42,359	44,304	43,466
65	TX A&M U. System Health Science Ctr.	53,354	61,299	70,558	74,072	25,265	27,772	30,763	33,321
66	U. CT all campuses	71,794	77,955	80,193	70,089	27,374	39,043	41,047	31,572
67	Medical U. SC	64,132	64,547	72,161	69,373	43,076	42,162	43,515	41,364
68	U. AR for Medical Sciences	54,177	43,505	54,479	67,373	34,389	27,753	36,974	37,654
69	TX A&M U. all campuses	52,693	54,734	56,089	62,063	16,204	16,914	18,993	22,508
70	Rush U.	66,628	64,351	59,110	60,054	35,014	35,087	31,420	28,311
71	U. NM all campuses	31,673	16,415	41,001	56,970	23,564	3,913	34,549	39,757
72	U. MO-Columbia	42,069	45,541	44,381	56,758	22,747	24,849	24,462	23,345
73	Uniformed Services U. of the Health Sciences	19,207	85,642	73,072	55,714	5,979	60,943	48,275	33,743
74	Thomas Jefferson U.	45,069	55,744	57,389	54,961	35,933	39,875	40,415	37,670
75	U. OK all campuses	39,234	46,154	53,272	54,853	18,074	24,208	25,786	26,184
76	CO State U.	11,398	41,432	42,732	54,053	7,444	32,848	28,133	41,659
77	U. CA, Berkeley	45,123	49,041	55,457	53,796	24,058	26,091	32,775	28,485
78	U. HI Manoa	29,145	51,904	44,450	52,753	21,725	32,635	34,510	41,139
79	U. VT	44,443	49,502	48,341	49,930	31,360	33,679	31,308	31,909
80	LA State U. all campuses	57,571	65,053	59,853	47,982	17,374	19,693	27,706	27,001
81	U. TN all campuses	44,761	45,068	49,889	47,896	23,058	26,297	27,708	23,773
82	Charles R. Drew U. of Medicine and Science	49,888	51,994	43,231	47,188	39,407	40,430	41,207	44,394

TABLE 56. Total and federally financed R&D expenditures in the medical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
83	SUNY Stony Brook all campuses	44,147	50,841	63,267	46,172	22,106	23,192	26,245	27,126
84	U. CA Office of the President	NA	45,734	49,687	44,783	NA	0	0	0
85	U. NE all campuses	34,590	39,911	46,369	44,291	12,299	16,137	19,554	19,994
86	U. KS all campuses	39,208	35,183	35,576	38,640	23,505	20,977	20,696	22,513
87	U. PR Medical Sciences Campus	31,124 i	34,092	35,809	38,424	25,845 i	28,063	29,863	31,199
88	U. MS all campuses	36,447	40,793	43,179	38,306	26,589	28,929	30,151	27,177
89	WV U.	31,201	31,546	35,596	38,049	15,685	17,138	16,988	16,080
90	U. GA	27,069	33,784	35,771	36,938	5,312	7,865	8,194	7,838
91	George Washington U.	29,602	28,468	28,332	32,219	18,092	17,519	14,423	14,017
92	Temple U.	19,676	28,298	31,026	30,320	12,198	17,235	19,995	19,106
93	St. Louis U. all campuses	18,144	18,144 e	32,536	29,626	16,623	16,623 e	30,761	29,433
94	U. SC all campuses	31,788	26,126	27,106	29,472	15,543	15,142	14,005	17,108
95	SUNY Upstate Medical U.	18,992	22,034	25,116	27,619	10,542	13,773	14,399	18,489
96	MI State U.	27,061	28,916	26,414	27,496	12,420	13,830	13,351	14,434
97	Rutgers, The State U. NJ all campuses	27,669	32,218	29,164	26,813	16,130	20,790	17,221	13,211
98	Eastern VA Medical School	26,719	27,154	26,343	26,614	10,778	12,697	14,318	14,380
99	Wright State U. all campuses	17,989	17,746	21,512	26,441	11,258	11,061	12,139	14,070
100	Tulane U.	31,949	28,611	31,020	23,142	13,405	15,411	14,631	12,192
	All other sampled institutions	601,657	706,411	706,554	700,356	375,356	457,718	451,802	432,871

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

NA = not available; institution was not surveyed separately.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$3 million in both total and federally financed R&D expenditures in the medical sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 57. Total and federally financed R&D expenditures in the mathematical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	427,987	448,491	494,533	530,226	294,721	317,869	346,287	372,621
1	George Washington U.	17,960	25,499	33,307	40,151	17,073	24,328	31,516	38,015
2	Johns Hopkins U., The ^a	26,304	28,727	27,874	27,163	25,310	28,345	25,946	26,529
3	U. TX Austin	15,386	14,454	18,672	21,715	11,688	10,608	11,698	12,471
4	U. TX M. D. Anderson Cancer Ctr.	14,720	14,950	17,543	21,675	4,256	4,799	4,963	5,553
5	OH State U. all campuses	8,518	6,827	7,884	13,362	3,113	4,543	5,132	8,201
6	NC State U.	12,545	14,649	15,818	12,098	5,567	6,874	8,033	6,110
7	PA State U. all campuses	6,580	8,348	15,718	10,571	4,327	5,466	11,081	7,005
8	Rutgers, The State U. NJ all campuses	9,520	9,787	9,747	10,389	5,221	5,335	5,078	5,184
9	TX A&M U. all campuses	9,393	9,180	9,323	9,786	8,101	7,696	7,560	8,223
10	IA State U.	7,194	8,754	10,322	8,588	2,791	3,725	5,239	4,577
11	Brown U.	6,395	6,520	7,351	8,335	4,107	3,666	4,033	4,442
12	U. MN all campuses	5,909	5,963	7,137	7,901	4,257	4,159	4,993	5,517
13	NY U.	7,392	7,208	7,829	7,699	6,742	6,603	7,662	6,783
14	Stanford U.	5,807	5,614	6,630	7,627	5,317	5,088	5,996	7,068
15	U. CA, Berkeley	6,417	6,731	7,129	7,373	4,952	5,676	5,417	5,763
16	U. Southern CA	3,221	4,157	5,530	7,306	2,400	3,065	4,386	5,419
17	SUNY Stony Brook all campuses	6,402	5,467	5,781	6,871	3,523	3,297	3,015	3,002
18	U. KY all campuses	1,928	4,496	5,884	6,711	1,425	3,657	4,736	5,476
19	Duke U.	1,856	1,841	5,395	6,687	1,530	1,606	4,505	5,553
20	U. CA, Los Angeles	4,991	5,818	5,990	6,604	3,807	4,148	4,899	5,018
21	GA Institute of Technology all campuses	7,653	6,250	6,038	6,196	3,629	2,234	2,612	2,478
22	George Mason U.	3,622	4,038	1,145	6,133	3,383	3,862	1,014	4,791
23	U. WI Madison	4,580	4,803	5,578	6,033	2,810	3,043	3,891	4,238
24	U. GA	5,881	6,033	5,692	5,990	1,368	1,312	1,184	1,160
25	AZ State U. main campus	2,218	1,827	3,578	5,958	1,576	1,467	3,113	3,998
26	U. MD College Park	3,084	5,330	5,228	5,856	1,521	2,417	3,095	3,593
27	Boston C.	12,409	12,409 ^e	4,641	5,822	8,840	8,840 ^e	546	600
28	U. AZ	3,905	5,060	4,852	5,576	3,090	3,821	3,691	4,531
29	U. WA	3,934	4,198	4,253	5,522	3,424	3,868	3,994	5,148
30	U. MI all campuses	4,062	4,053	4,674	5,220	3,085	2,950	3,379	3,975
31	U. FL	6,874	3,915	4,790	4,933	4,193	2,919	3,521	3,205
32	MI State U.	3,099	3,492	4,305	4,757	2,210	2,753	3,145	3,310
33	Princeton U.	4,286	4,072	4,142	4,596	2,886	2,556	2,571	3,226
34	U. NE all campuses	2,735	2,781	3,885	4,411	1,000	895	1,353	1,575
35	MA Institute of Technology	5,348	5,036	4,268	4,372	4,108	3,772	3,451	3,946
36	Purdue U. all campuses	4,009	4,467	4,330	4,360	2,938	3,244	3,097	3,232
37	Naval Postgraduate School	3,380	3,111 ⁱ	4,268	4,323	3,380	2,935 ⁱ	3,643	4,228
38	CO State U.	1,930	3,012	2,949	3,991	1,268	2,565	1,867	3,272
39	Rice U.	3,558	3,619	3,591	3,956	3,486	3,514	3,278	3,389
40	U. Chicago	3,361	4,726	4,836	3,889	3,045	4,382	4,609	3,698
41	U. CA, Davis	2,158	2,648	3,142	3,827	1,727	2,139	2,608	3,122
42	Cornell U. all campuses	3,146	3,713	4,015	3,744	2,442	2,589	3,072	2,964
43	U. CA, San Diego	2,672	3,355	3,841	3,715	1,673	2,463	2,773	2,538
44	U. PA	2,329	2,948	3,485	3,642	2,216	2,642	3,153	3,124
45	IN U. all campuses	3,350	3,771	2,685	3,490	1,959	2,275	2,440	2,422
46	U. IL Urbana-Champaign	4,226	3,951	3,770	3,462	2,674	2,584	2,395	2,658
47	U. CA, Irvine	2,103	2,265	3,077	3,315	1,571	1,713	1,974	2,075

TABLE 57. Total and federally financed R&D expenditures in the mathematical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
48	NJ Institute of Technology	1,693	2,506	3,182	3,287	948	1,130	1,587	1,779
49	Rensselaer Polytechnic Institute	1,633	1,901	2,668	3,036	1,456	1,690	2,339	2,656
50	U. MA Amherst	3,086	2,362	2,519	2,981	1,916	1,584	1,490	1,972
51	Harvard U.	2,102	2,223	2,366	2,895	2,084	2,223	2,366	2,895
52	Clemson U.	2,135	1,698	1,871	2,818	543	500	500	963
53	Rockefeller U.	2,999	2,977	2,287	2,777	570	1,506	1,205	1,407
54	U. SC all campuses	2,238	2,301	2,132	2,688	1,109	1,311	1,339	2,029
55	Carnegie Mellon U.	2,977	3,195	3,472	2,633	2,692	2,966	3,205	2,442
56	U. IL Chicago	5,885	4,669	3,606	2,478	4,267	3,240	2,198	1,698
57	Western MI U.	3,673	2,396	2,404	2,416	2,481	1,827	1,673	1,946
58	OR State U.	1,500	1,412	1,650	2,374	1,265	1,280	1,538	2,250
59	FL State U.	2,302	2,388	2,577	2,350	1,223	1,256	1,664	1,618
60	U. Houston	2,367	1,064	2,147	2,340	1,935	780	1,298	1,263
61	Morgan State U.	1,903	2,140	1,897	2,313	1,903	2,140	1,897	2,313
62	U. Pittsburgh all campuses	1,418	1,753	1,892	2,295	1,345	1,612	1,658	2,071
63	LA State U. all campuses	1,876	1,684	1,823	2,290	450	398	677	904
64	U. NC Chapel Hill	1,496	1,726	2,762	2,276	1,187	1,405	1,668	1,702
65	U. CO all campuses	2,334	2,862	2,348	2,261	1,955	2,307	1,878	1,985
66	VA Polytechnic Institute and State U.	2,357	2,332	2,705	2,222	1,456	1,409	1,731	1,276
67	U. IA	1,454	2,612	2,860	2,177	1,147	2,045	2,199	1,730
68	CA Institute of Technology	1,902	921	1,426	2,165	1,850	921	1,426	2,165
69	Northwestern U.	996	1,460	2,655	2,082	853	1,237	2,263	1,767
70	Boston U.	1,685	1,909	1,964	1,964	1,505	1,723	1,737	1,634
71	TX A&M U. Corpus Christi	1,976	2,870	1,917	1,847	1,841	1,716	1,415	1,646
72	SUNY Buffalo all campuses	1,569	1,932	1,315	1,792	480	902	528	868
73	U. MO-Columbia	1,325	1,233	1,547	1,705	942	834	1,112	1,404
74	Columbia U. in the City of NY	1,439	1,133	1,509	1,676	1,439	1,133	1,509	1,676
75	U. MD Baltimore County	943	819	1,035	1,611	862	729	903	1,306
76	Tulane U.	1,511	2,036	2,302	1,572	1,341	1,622	1,792	1,319
77	Jackson State U.	1,604	1,234	1,330	1,565	1,321	1,123	1,130	1,259
78	MS State U.	1,038	1,457	1,492	1,545	182	294	418	420
79	MI Technological U.	233	773	777	1,523	129	132	233	463
80	U. UT	1,352	1,543	1,592	1,476	1,167	1,254	1,303	1,317
81	U. of Notre Dame	1,274	1,270	1,373	1,452	1,180	1,172	1,260	1,319
82	Rowan U.	359	724	1,027	1,451	359	543	548	1,267
83	San Jose State U.	1,078	1,122	1,169	1,429	127	133	117	269
84	U. VT	1,414	1,515	1,711	1,388	779	1,006	1,061	870
85	Yale U.	1,185	1,049	1,612	1,343	1,082	969	1,086	877
86	Old Dominion U.	927	755	1,576	1,265	760	535	375	505
87	U. NM all campuses	908	1,487	1,439	1,257	849	1,389	1,328	1,168
88	U. AR Little Rock	0	49	705	1,254	0	0	493	207
89	U. PR Mayaguez Campus	464	135	735	1,205	265	62	77	137
90	CA State U. Dominguez Hills	50	1,437	1,413	1,199	0	962	626	752
91	U. MT-Missoula, The	1,018	851	879	1,195	624	764	750	1,130
92	Vanderbilt U.	679	962	1,237	1,186	574	892	1,124	1,035
93	U. CA, Santa Barbara	1,513	1,232	1,193	1,153	689	545	731	842
94	U. DE	664	789	590	1,151	557	652	460	873
95	U. MA Dartmouth	1,209	833	945	1,136	1,209	674	945	972

TABLE 57. Total and federally financed R&D expenditures in the mathematical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
96	Worcester Polytechnic Institute	655	595	1,258	1,136	326	394	1,117	987
97	CA State U. Northridge	743	270	244	1,085	512	229	210	1,000
98	San Francisco State U.	0 i	0 i	74	1,068	0 i	0 i	74	1,068
99	San Diego State U.	1,638	1,167	712	1,052	741	501	40	399
100	U. WI Milwaukee	933	937	1,030	1,049	386	502	749	781
	All other sampled institutions	57,925	55,918	61,660	56,641	36,849	37,278	41,880	39,615

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$26 million in total and \$25 million in federally financed R&D expenditures in the mathematical sciences.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 58. R&D expenditures in the physical sciences at universities and colleges, ranked by all FY 2006 physical sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				Physical sciences, nec
					All physical sciences	Astronomy	Chemistry	Physics	
	All institutions	3,276,180	3,546,496	3,704,277	3,823,362	469,905	1,424,307	1,608,120	321,030
1	CA Institute of Technology	125,015	139,631	143,657	148,686	7,147	34,322	107,217	0
2	U. AZ	110,656	124,566	147,092	148,625	128,115	13,734	6,776	0
3	Johns Hopkins U., The ^a	136,074	148,780	146,097	140,183	61,782	12,693	52,986	12,722
4	U. CA, Berkeley	83,187	97,862	120,957	106,207	10,664	27,315	66,078	2,150
5	MA Institute of Technology	96,678	104,868	104,485	98,367	17,219	18,142	53,380	9,626
6	Cornell U. all campuses	78,827	86,225	84,833	89,517	15,443	21,090	44,282	8,702
7	U. TX Austin	73,352	75,345	83,371	85,380	13,571	24,247	44,276	3,286
8	Stanford U.	78,811	89,041	94,093	73,010	0	16,283	9,863	46,864
9	PA State U. all campuses	57,498	59,831	61,961	64,166	8,830	22,652	32,684	0
10	U. CO all campuses	62,588	57,472	58,784	63,594	18,177	19,274	20,899	5,244
11	U. MD College Park	57,257	54,976	60,544	60,990	13,249	8,510	39,231	0
12	U. CA, Los Angeles	72,411	59,270	53,851	59,431	0	18,381	40,109	941
13	Harvard U.	36,178	41,824	47,993	57,415	5,365	33,943	15,369	2,738
14	U. IL Urbana-Champaign	47,967	50,152	52,413	56,693	3,765	25,034	27,894	0
15	U. WI Madison	47,928	51,853	52,715	55,697	5,128	18,348	24,880	7,341
16	MI State U.	50,353	52,277	54,666	55,319	0	12,927	42,392	0
17	FL State U.	48,889	50,839	47,794	53,752	0	10,825	42,902	25
18	SUNY Albany	2,653	30,653	45,404	52,626	0	1,339	778	50,509
19	U. CA, San Diego	42,904	45,849	51,400	49,841	0	21,789	25,283	2,769
20	U. Chicago	36,444	45,684	46,785	49,120	19,477	13,261	10,304	6,078
21	IN U. all campuses	34,322	51,497	36,476	46,233	1,713	19,684	24,777	59
22	SUNY Stony Brook all campuses	29,040	29,737	30,384	43,463	163	9,388	33,912	0
23	U. MI all campuses	37,817	38,783	39,648	40,860	3,032	18,472	15,432	3,924
24	U. HI Manoa	19,576	22,653	29,343	40,300	32,760	1,476	5,875	189
25	Rutgers, The State U. NJ all campuses	30,951	32,900	37,725	39,420	0	23,629	15,791	0
26	TX A&M U. all campuses	32,808	36,942	37,523	38,430	0	22,448	13,301	2,681
27	U. CA, Santa Cruz	33,325	37,630	37,919	37,970	22,102	8,077	7,791	0
28	GA Institute of Technology all campuses	24,290	26,380	29,469	35,570	0	22,837	12,634	99
29	Columbia U. in the City of NY	35,025	36,884	47,824	34,271	5,611	7,755	3,485	17,420
30	U. Central FL	21,364	27,738	26,498	34,009	0	2,017	24,433	7,559
31	U. FL	30,292	33,960	34,350	33,892	3,706	12,828	16,763	595
32	U. WA	33,589	34,917	36,411	33,803	3,115	18,716	11,972	0
33	U. PA	25,291	27,360	32,380	33,236	0	16,459	16,777	0
34	U. CA, Irvine	22,611	22,364	27,105	31,837	0	16,186	15,651	0
35	U. CA, Santa Barbara	27,030	25,236	25,153	30,624	0	7,361	13,341	9,922
36	U. MA Amherst	28,858	32,108	30,336	29,363	6,768	18,146	4,306	143
37	Princeton U.	28,542	31,297	33,237	28,357	4,202	8,915	15,240	0
38	U. MN all campuses	25,690	25,803	26,914	28,001	2,505	14,204	11,292	0
39	OH State U. all campuses	32,998	31,277	31,788	27,687	2,455	12,574	12,267	391
40	U. NC Chapel Hill	21,482	21,524	23,398	26,032	0	21,280	4,752	0
41	U. CA, San Francisco	28,798	29,609	26,041	25,664	0	25,664	0	0
42	Northwestern U.	25,858	27,063	26,828	25,473	0	17,258	6,439	1,776

TABLE 58. R&D expenditures in the physical sciences at universities and colleges, ranked by all FY 2006 physical sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All physical sciences	Astronomy	Chemistry	Physics	Physical sciences, nec
43	Boston U.	24,422	24,437	21,402	24,799	1,127	3,780	7,011	12,881
44	LA State U. all campuses	21,632	20,325	28,230	24,378	0	15,988	8,314	76
45	U. CA, Davis	17,833	24,424	21,533	24,141	0	9,218	6,515	8,408
46	Purdue U. all campuses	21,185	19,563	20,632	22,292	0	13,723	8,269	300
47	NC State U.	21,499	20,885	26,469	22,189	0	7,500	10,938	3,751
48	Yale U.	21,254	20,136	20,533	21,867	1,529	8,865	11,473	0
49	NM Institute of Mining and Technology	2,799	2,390	3,486 i	21,777	9,679	868	1,803	9,427
50	Vanderbilt U.	13,946	12,777	15,092	20,719	0	6,641	14,078	0
51	U. UT	18,333	18,872	20,030	20,635	0	15,136	5,499	0
52	U. Pittsburgh all campuses	16,654	20,164	21,731	19,109	1,406	12,524	4,811	368
53	U. CA Office of the President	NA	17,713	18,260	19,053	16,736	0	2,317	0
54	AZ State U. main campus	19,896	21,447	23,607	19,051	466	12,840	5,656	89
55	U. of Notre Dame	17,230	19,271	16,528	19,026	0	9,731	9,295	0
56	U. MS all campuses	17,432	17,555	18,720	18,884	0	744	18,140	0
57	U. IA	17,522	16,081	17,611	18,338	1,211	6,228	10,899	0
58	U. SC all campuses	15,099	15,838	14,032	17,956	0	12,627	4,558	771
59	Duke U.	16,630	17,878	18,250	17,594	0	6,216	11,378	0
60	U. NM all campuses	8,793	8,069	11,242	16,955	67	2,683	8,101	6,104
61	Washington U. St. Louis	13,235	13,905	14,731	16,880	0	9,323	7,557	0
62	U. GA	11,820	12,733	13,444	16,439	0	10,437	6,002	0
63	WA State U.	13,497	15,268	15,624	16,213	0	7,296	8,807	110
64	Rice U.	15,469	17,436	18,690	16,089	221	6,871	8,997	0
65	U. TN all campuses	12,382	13,636	17,985	15,961	0	5,441	10,520	0
66	U. VA all campuses	15,315	17,037	17,076	15,556	3,015	6,870	5,671	0
67	U. NE all campuses	12,602	13,548	13,797	15,446	0	5,294	10,152	0
68	MT State U. Bozeman	13,067	13,947	14,252	15,117	0	6,110	9,007	0
69	U. DE	16,221	16,837	17,308	14,558	27	6,763	3,697	4,071
70	ND State U. all campuses	12,668	14,277	13,116	14,355	0	4,596	275	9,484
71	SUNY Buffalo all campuses	15,981	16,751	13,792	14,339	0	11,625	2,670	44
72	VA Polytechnic Institute and State U.	14,552	14,460	14,786	14,150	0	10,828	3,267	55
73	Catholic U. America, The	19,606	18,820	16,332	14,026	0	1,064	5,293	7,669
74	U. NV, Reno	7,955	7,786	10,393	13,952	9	2,795	11,036	112
75	NY U.	8,697	7,725	12,650	13,765	0	6,512	7,253	0
76	Brown U.	10,668	12,924	13,359	13,546	0	6,026	7,520	0
77	Wayne State U.	16,931	15,325	14,320	13,411	0	7,346	2,780	3,285
78	Northeastern U.	11,231	14,081	15,512	13,189	0	6,228	6,961	0
79	U. IL Chicago	13,233	13,534	13,219	12,700	0	6,662	6,038	0
80	NM State U. all campuses	9,337	9,456	12,453	12,290	4,281	5,966	2,030	13
81	U. OK all campuses	15,580	13,057	13,417	12,177	0	7,354	4,823	0
82	U. Rochester	11,878	11,320	11,271	12,137	1,028	3,536	7,573	0
83	Carnegie Mellon U.	13,624	17,471	11,743	12,034	0	4,499	5,680	1,855
84	U. Akron all campuses	11,638	10,685	11,114	11,987	0	11,645	342	0
85	CO State U.	10,001	10,230	11,405	11,904	0	8,871	2,966	67
86	U. KS all campuses	8,040	7,817	11,198	11,660	155	6,840	4,665	0

TABLE 58. R&D expenditures in the physical sciences at universities and colleges, ranked by all FY 2006 physical sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All physical sciences	Astronomy	Chemistry	Physics	Physical sciences, nec
87	MS State U.	5,489	10,566	10,070	11,262	37	7,346	3,871	8
88	U. PR Rio Piedras Campus	2,740	3,426	7,338	11,238	0	10,843	395	0
89	IA State U.	10,606	10,306	11,302	11,010	0	6,154	4,856	0
90	U. AL Huntsville, The	9,704	9,831	8,733	10,891	0	4,859	6,032	0
91	U. TX M. D. Anderson Cancer Ctr.	7,097	8,465	9,041	10,790	0	10,790	0	0
92	Emory U.	11,868	8,774	9,985	10,627	0	9,290	1,337	0
93	Clemson U.	10,055	10,835	11,416	10,376	0	5,392	4,984	0
94	U. OR	8,460	8,280	7,423	10,360	0	3,733	6,627	0
95	U. AR main campus	9,073	10,107	12,096	10,322	0	5,449	4,873	0
96	NJ Institute of Technology	6,876	8,139	9,659	10,274	0	2,149	8,125	0
97	FL International U.	3,467	6,496	7,838	9,907	76	1,495	340	7,996
98	U. Southern MS	8,060	8,320	9,968	9,907	0	9,029	878	0
99	CUNY The City C.	7,356	9,541	10,179	9,800	0	3,129	6,671	0
100	U. KY all campuses	9,126	9,933	10,084	9,630	0	5,867	3,763	0
	All other sampled institutions	563,589	604,926	603,125	631,210	12,771	317,189	260,917	40,333

i = data point imputed.

NA = not available; institution was not surveyed separately.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$110 million in total R&D expenditures in the physical sciences.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 59. Federally financed R&D expenditures in the physical sciences at universities and colleges, ranked by all FY 2006 physical sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				Physical sciences, nec
					All physical sciences	Astronomy	Chemistry	Physics	
	All institutions	2,356,324	2,568,946	2,675,022	2,704,818	317,407	973,740	1,212,751	200,920
1	CA Institute of Technology	121,492	135,480	137,909	141,376	6,378	28,662	106,336	0
2	Johns Hopkins U., The ^a	133,643	146,179	143,656	136,988	60,992	11,875	51,399	12,722
3	MA Institute of Technology	93,550	102,417	99,707	94,818	17,199	16,004	52,232	9,383
4	U. AZ	62,584	74,058	88,926	89,270	73,600	10,235	5,435	0
5	U. CA, Berkeley	58,292	75,959	98,554	76,542	4,799	19,891	51,791	61
6	Stanford U.	71,305	81,910	86,352	64,675	0	12,970	9,254	42,451
7	Cornell U. all campuses	55,800	56,657	55,723	60,332	4,574	14,528	36,377	4,853
8	U. TX Austin	51,027	55,000	58,142	60,258	6,185	15,163	38,769	141
9	U. CO all campuses	57,555	51,571	53,077	57,838	16,843	16,842	19,335	4,818
10	Harvard U.	33,784	38,678	44,859	54,461	5,237	31,683	14,841	2,700
11	U. CA, Los Angeles	39,145	43,093	40,051	45,676	0	13,491	32,185	0
12	U. MD College Park	42,879	41,245	42,744	42,273	12,046	5,324	24,903	0
13	U. WI Madison	32,695	35,815	38,025	39,819	2,661	11,624	20,366	5,168
14	PA State U. all campuses	40,089	41,873	40,854	39,700	4,345	12,082	23,273	0
15	U. IL Urbana-Champaign	31,765	34,848	37,870	38,668	2,224	16,496	19,948	0
16	U. Chicago	32,600	37,518	37,961	38,206	18,215	7,792	9,012	3,187
17	MI State U.	30,314	33,638	34,833	36,304	0	8,235	28,069	0
18	U. CA, San Diego	31,052	31,947	37,162	36,137	0	17,451	16,856	1,830
19	Columbia U. in the City of NY	33,643	32,918	38,206	33,473	5,611	7,167	3,439	17,256
20	U. HI Manoa	17,746	20,193	26,669	32,393	25,323	1,213	5,676	181
21	FL State U.	26,052	27,702	27,349	28,571	0	4,454	24,117	0
22	U. WA	26,603	32,044	31,469	28,350	1,999	15,243	11,108	0
23	U. MI all campuses	25,355	26,627	28,789	28,068	2,420	12,962	12,579	107
24	U. PA	21,122	23,112	25,902	27,710	0	14,892	12,818	0
25	U. FL	18,691	24,770	23,676	24,585	2,763	9,237	12,486	99
26	Rutgers, The State U. NJ all campuses	17,108	19,613	23,676	24,322	0	17,695	6,627	0
27	Boston U.	23,458	23,839	20,776	24,027	1,007	3,375	6,859	12,786
28	Princeton U.	19,415	21,732	23,850	21,251	3,078	6,158	12,015	0
29	U. CA, Santa Barbara	19,814	18,087	17,169	21,141	0	6,088	8,491	6,562
30	U. MN all campuses	19,609	19,610	20,991	20,712	1,555	10,014	9,143	0
31	Northwestern U.	17,883	20,551	21,612	20,161	0	13,767	5,034	1,360
32	U. CA, Irvine	14,730	13,910	17,794	20,070	0	10,901	9,169	0
33	U. CA, San Francisco	22,787	22,215	19,621	19,962	0	19,962	0	0
34	U. NC Chapel Hill	16,616	15,909	18,103	19,346	0	15,757	3,589	0
35	SUNY Stony Brook all campuses	19,062	19,977	19,768	18,967	141	6,094	12,732	0
36	TX A&M U. all campuses	16,048	20,316	22,756	18,786	0	10,098	7,363	1,325
37	GA Institute of Technology all campuses	14,154	15,064	16,857	18,346	0	10,360	7,986	0
38	OH State U. all campuses	17,776	20,759	20,081	18,050	1,195	7,916	8,757	182
39	U. MA Amherst	16,719	19,128	18,358	17,898	4,137	11,123	2,638	0
40	U. CA, Santa Cruz	15,627	18,733	17,752	17,231	6,404	6,443	4,384	0
41	U. of Notre Dame	15,915	17,370	15,252	16,774	0	8,768	8,006	0
42	U. CA, Davis	13,693	14,688	14,173	16,558	0	6,908	4,952	4,698

TABLE 59. Federally financed R&D expenditures in the physical sciences at universities and colleges, ranked by all FY 2006 physical sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All physical sciences	Astronomy	Chemistry	Physics	Physical sciences, nec
43	Yale U.	17,726	16,383	15,766	16,320	926	6,456	8,938	0
44	Purdue U. all campuses	14,750	13,736	14,606	15,655	0	9,604	6,051	0
45	U. MS all campuses	15,129	15,358	16,361	15,226	0	698	14,528	0
46	U. Pittsburgh all campuses	14,647	17,663	17,820	15,179	1,293	10,037	3,849	0
47	IN U. all campuses	17,561	15,566	15,954	15,118	424	6,494	8,190	10
48	U. NM all campuses	7,375	7,084	8,358	14,573	67	2,285	6,471	5,750
49	U. UT	12,389	13,352	13,823	14,538	0	10,130	4,408	0
50	Duke U.	14,090	15,267	14,513	14,448	0	4,432	10,016	0
51	Vanderbilt U.	10,700	11,132	13,376	14,182	0	6,014	8,168	0
52	NC State U.	9,156	9,439	10,331	14,044	0	3,706	7,936	2,402
53	MT State U. Bozeman	11,052	12,397	13,000	13,828	0	5,629	8,199	0
54	NM Institute of Mining and Technology	1,069	1,065	2,373	13,505	9,679	332	1,198	2,296
55	U. VA all campuses	13,575	15,063	15,054	13,494	2,240	6,216	5,038	0
56	AZ State U. main campus	10,831	11,252	13,549	13,426	139	8,886	4,401	0
57	U. IA	14,019	13,064	12,967	13,350	973	3,623	8,754	0
58	U. NV, Reno	6,565	7,315	9,810	13,243	9	2,549	10,578	107
59	LA State U. all campuses	11,731	12,687	15,124	13,224	0	8,344	4,878	2
60	ND State U. all campuses	11,108	13,227	12,069	13,176	0	3,866	195	9,115
61	Washington U. St. Louis	10,255	10,189	10,983	13,120	0	6,918	6,202	0
62	Rice U.	12,849	14,824	16,180	12,738	87	4,920	7,731	0
63	U. DE	12,981	13,825	13,940	12,252	21	5,828	2,812	3,591
64	WA State U.	9,005	10,332	11,783	12,217	0	4,452	7,765	0
65	U. Central FL	12,470	15,123	10,870	11,494	0	848	8,656	1,990
66	U. PR Rio Piedras Campus	2,508	3,208	6,350	11,128	0	10,779	349	0
67	U. TN all campuses	8,720	9,606	11,946	11,026	0	3,573	7,453	0
68	U. Rochester	10,210	9,926	9,881	10,479	849	2,864	6,766	0
69	NY U.	7,983	6,523	10,164	10,304	0	4,886	5,418	0
70	Catholic U. America, The	15,459	15,229	12,333	10,213	0	618	4,186	5,409
71	Emory U.	6,594	7,728	8,817	9,326	0	8,127	1,199	0
72	U. SC all campuses	7,234	8,480	7,175	9,289	0	5,900	3,225	164
73	CO State U.	7,242	8,512	8,157	9,238	0	6,624	2,614	0
74	U. KS all campuses	5,143	5,739	8,616	9,170	155	4,965	4,050	0
75	Carnegie Mellon U.	9,672	10,135	8,925	8,878	0	3,529	5,077	272
76	FL International U.	2,714	4,898	5,247	8,778	76	1,431	317	6,954
77	Wayne State U.	6,951	8,772	8,259	8,745	0	5,911	2,499	335
78	U. IL Chicago	8,860	10,035	8,825	8,386	0	4,802	3,584	0
79	U. CA, Riverside	6,740	5,936	7,044	7,985	0	3,821	4,164	0
80	U. OR	6,874	7,071	6,460	7,700	0	2,715	4,985	0
81	VA Polytechnic Institute and State U.	8,159	7,526	6,803	7,618	0	6,015	1,576	27
82	NM State U. all campuses	8,311	8,144	9,458	7,491	1,130	4,804	1,557	0
83	U. NE all campuses	7,684	7,460	6,130	7,412	0	2,547	4,865	0
84	Brown U.	5,995	7,333	7,427	7,335	0	3,201	4,134	0
85	U. Southern MS	6,058	6,065	8,301	7,312	0	6,991	321	0
86	SUNY Buffalo all campuses	8,354	9,446	8,003	7,208	0	5,847	1,361	0
87	U. AR main campus	6,091	7,915	8,156	7,179	0	4,057	3,122	0

TABLE 59. Federally financed R&D expenditures in the physical sciences at universities and colleges, ranked by all FY 2006 physical sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All physical sciences	Astronomy	Chemistry	Physics	Physical sciences, nec
88	U. AL Huntsville, The	7,410	7,705	6,561	7,169	0	2,791	4,378	0
89	CUNY The City C.	5,702	6,694	7,787	7,090	0	2,190	4,900	0
90	Brandeis U.	4,111	5,321	4,988	7,089	0	4,047	3,042	0
91	NJ Institute of Technology	4,447	5,547	6,510	7,086	0	1,564	5,522	0
92	IA State U.	6,596	6,255	6,986	7,065	0	3,781	3,284	0
93	Northeastern U.	8,311	10,642	10,168	6,829	0	2,140	4,689	0
94	Case Western Reserve U.	8,748	7,635	6,965	6,632	77	3,025	3,530	0
95	U. TX Dallas	3,693	4,432	5,982	6,629	0	0	0	6,629
96	U. MA Lowell	5,783	5,207	6,269	6,533	0	282	6,251	0
97	Rochester Institute of Technology	5,384	4,991	4,817	6,487	0	168	1,712	4,607
98	CUNY Hunter C.	5,703	5,516	5,314	6,452	0	5,087	1,365	0
99	U. Southern CA	6,397	6,303	6,564	6,356	123	4,915	1,318	0
100	Rensselaer Polytechnic Institute	3,674	4,241	5,378	6,354	0	3,452	2,902	0
	All other sampled institutions	356,579	400,674	402,592	416,404	8,208	207,081	181,725	19,390

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$108 million in federally financed R&D expenditures in the physical sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 60. Total and federally financed R&D expenditures in chemistry at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	1,225,607	1,317,727	1,365,306	1,424,307	819,409	920,990	948,640	973,740
1	CA Institute of Technology	18,099	22,968	29,563	34,322	15,279	19,685	25,171	28,662
2	Harvard U.	19,456	22,135	26,572	33,943	17,490	19,617	24,109	31,683
3	U. CA, Berkeley	24,907	25,984	25,666	27,315	17,078	19,988	19,200	19,891
4	U. CA, San Francisco	28,798	29,609	26,041	25,664	22,787	22,215	19,621	19,962
5	U. IL Urbana-Champaign	20,949	21,217	22,603	25,034	12,336	14,295	15,694	16,496
6	U. TX Austin	23,382	24,154	25,818	24,247	15,122	16,136	16,523	15,163
7	Rutgers, The State U. NJ all campuses	15,552	16,416	21,049	23,629	10,992	12,276	16,893	17,695
8	GA Institute of Technology all campuses	9,652	14,528	17,930	22,837	4,934	8,500	10,201	10,360
9	PA State U. all campuses	18,214	22,330	20,711	22,652	11,001	14,573	13,227	12,082
10	TX A&M U. all campuses	19,703	19,475	21,739	22,448	8,532	8,652	11,642	10,098
11	U. CA, San Diego	17,530	19,638	23,028	21,789	12,749	14,648	18,133	17,451
12	U. NC Chapel Hill	16,045	16,186	18,521	21,280	12,455	12,753	14,707	15,757
13	Cornell U. all campuses	20,804	20,600	20,770	21,090	15,897	15,350	13,398	14,528
14	IN U. all campuses	14,701	15,642	11,734	19,684	6,503	6,920	6,766	6,494
15	U. CO all campuses	15,164	14,960	18,251	19,274	13,251	12,843	15,716	16,842
16	U. WA	16,947	19,354	12,703	18,716	12,522	17,900	11,541	15,243
17	U. MI all campuses	15,191	14,901	16,435	18,472	11,202	11,701	12,628	12,962
18	U. CA, Los Angeles	19,607	20,453	18,377	18,381	14,598	15,453	14,666	13,491
19	U. WI Madison	15,546	17,115	15,710	18,348	9,174	10,830	9,696	11,624
20	U. MA Amherst	15,688	18,074	17,088	18,146	8,567	10,315	9,857	11,123
21	MA Institute of Technology	20,184	20,926	17,984	18,142	17,551	18,774	16,149	16,004
22	Northwestern U.	16,108	17,704	17,825	17,258	11,484	13,631	14,549	13,767
23	U. PA	11,165	12,435	14,751	16,459	9,505	10,852	12,352	14,892
24	Stanford U.	18,097	18,863	16,781	16,283	15,496	16,668	14,250	12,970
25	U. CA, Irvine	10,856	11,315	14,192	16,186	7,175	6,931	10,281	10,901
26	LA State U. all campuses	14,200	13,409	19,134	15,988	7,470	8,454	10,293	8,344
27	U. UT	12,247	13,477	14,251	15,136	7,902	9,164	9,421	10,130
28	U. MN all campuses	9,569	12,018	14,222	14,204	7,051	8,956	11,026	10,014
29	U. AZ	10,874	11,312	13,046	13,734	8,174	8,758	9,587	10,235
30	Purdue U. all campuses	13,268	12,776	13,070	13,723	8,219	8,419	8,931	9,604
31	U. Chicago	8,802	10,083	12,108	13,261	6,775	7,315	8,213	7,792
32	MI State U.	13,230	13,234	13,692	12,927	7,452	8,358	8,112	8,235
33	AZ State U. main campus	10,162	11,376	14,196	12,840	5,513	6,259	8,430	8,886
34	U. FL	11,594	13,011	16,153	12,828	7,262	9,667	10,427	9,237
35	Johns Hopkins U., The ^a	11,330	11,890	12,038	12,693	10,753	11,028	11,316	11,875
36	U. SC all campuses	8,911	10,515	8,801	12,627	4,468	5,844	4,383	5,900
37	OH State U. all campuses	15,512	14,423	16,378	12,574	8,271	9,461	9,612	7,916
38	U. Pittsburgh all campuses	9,630	13,025	14,031	12,524	8,516	11,283	11,800	10,037
39	U. Akron all campuses	11,260	10,299	10,618	11,645	3,561	3,332	3,421	3,793
40	SUNY Buffalo all campuses	12,382	11,898	11,158	11,625	5,895	6,269	6,350	5,847
41	U. PR Rio Piedras Campus	2,439	3,244	5,011	10,843	2,380	3,117	4,951	10,779
42	VA Polytechnic Institute and State U.	11,694	11,332	11,382	10,828	6,598	6,218	5,477	6,015
43	FL State U.	13,321	13,841	9,351	10,825	5,344	4,821	4,645	4,454

TABLE 60. Total and federally financed R&D expenditures in chemistry at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
44	U. TX M. D. Anderson Cancer Ctr.	0	8,465	9,041	10,790	0	5,586	4,445	5,799
45	U. GA	7,521	8,349	8,511	10,437	2,607	3,073	3,509	3,342
46	U. of Notre Dame	10,657	11,325	8,591	9,731	9,559	10,204	7,730	8,768
47	SUNY Stony Brook all campuses	9,007	10,656	10,191	9,388	6,287	7,060	6,486	6,094
48	Washington U. St. Louis	6,547	7,473	7,910	9,323	4,744	5,401	5,625	6,918
49	Emory U.	10,667	7,734	8,223	9,290	5,729	6,764	7,345	8,127
50	U. CA, Davis	7,526	8,455	7,692	9,218	5,488	6,628	6,004	6,908
51	U. Southern MS	7,637	8,110	9,408	9,029	5,636	5,861	7,741	6,991
52	Princeton U.	11,278	12,491	10,843	8,915	7,397	8,271	7,065	6,158
53	CO State U.	6,617	7,422	8,503	8,871	5,372	6,005	6,531	6,624
54	Yale U.	8,062	8,363	8,658	8,865	5,991	6,348	6,534	6,456
55	U. MD College Park	10,067	9,432	9,543	8,510	7,448	7,324	6,634	5,324
56	U. CA, Santa Cruz	6,656	7,646	6,934	8,077	5,055	6,108	5,114	6,443
57	Columbia U. in the City of NY	7,746	7,284	7,910	7,755	7,341	6,655	7,253	7,167
58	NC State U.	8,198	8,261	8,174	7,500	3,666	3,727	3,822	3,706
59	U. Southern CA	8,890	9,418	8,615	7,432	5,321	4,760	4,902	4,915
60	U. CA, Santa Barbara	7,318	6,856	6,960	7,361	5,708	5,609	5,782	6,088
61	U. OK all campuses	10,237	7,745	7,826	7,354	2,566	2,918	2,575	2,684
62	MS State U.	3,639	6,211	6,182	7,346	608	2,094	2,628	3,410
63	Wayne State U.	7,947	6,548	6,442	7,346	4,520	4,465	4,859	5,911
64	WA State U.	6,266	6,731	6,367	7,296	2,685	3,318	3,876	4,452
65	Rice U.	9,294	10,220	9,370	6,871	7,421	8,447	7,850	4,920
66	U. VA all campuses	8,377	9,088	8,909	6,870	7,234	8,036	7,748	6,216
67	U. KS all campuses	3,856	4,124	6,391	6,840	2,033	3,013	4,452	4,965
68	U. DE	8,931	9,633	9,098	6,763	6,894	7,890	7,401	5,828
69	U. IL Chicago	6,319	6,703	7,648	6,662	4,402	4,615	4,896	4,802
70	Vanderbilt U.	4,546	4,312	5,445	6,641	3,714	3,587	4,835	6,014
71	NY U.	5,300	5,373	5,868	6,512	4,592	4,395	5,197	4,886
72	Northeastern U.	3,045	3,371	5,356	6,228	1,407	1,644	1,672	2,140
73	U. IA	4,091	4,853	5,882	6,228	3,170	3,711	3,375	3,623
74	Duke U.	5,416	5,434	5,885	6,216	3,824	4,155	4,140	4,432
75	CUNY Hunter C.	5,994	6,149	5,566	6,166	4,486	4,399	4,289	5,087
76	IA State U.	6,702	6,202	6,908	6,154	4,190	3,706	4,124	3,781
77	Boston C.	6,330	6,330 e	5,610	6,132	5,222	5,222 e	4,432	4,302
78	MT State U. Bozeman	5,109	5,075	5,829	6,110	4,313	4,080	4,982	5,629
79	Brown U.	4,821 i	5,834 i	6,659	6,026	2,518 i	3,079 i	3,673	3,201
80	NM State U. all campuses	5,488	6,012	7,514	5,966	4,901	5,270	6,554	4,804
81	U. KY all campuses	5,819	5,851	6,219	5,867	3,332	3,671	3,994	3,485
82	U. Houston	4,330	5,425	5,627	5,610	2,310	2,366	2,030	1,963
83	U. AR main campus	5,469	5,908	6,313	5,449	4,151	4,657	3,930	4,057
84	U. TN all campuses	4,937	4,683	6,550	5,441	3,517	3,396	4,474	3,573
85	U. CT all campuses	3,792	3,720	4,935	5,440	2,625	2,877	3,901	4,166
86	VA Commonwealth U.	4,328	4,560	5,077	5,420	2,516	3,313	3,626	3,845
87	Clemson U.	5,667	6,004	5,743	5,392	2,927	2,497	2,642	2,437
88	U. NE all campuses	4,522	5,414	4,444	5,294	2,397	2,577	1,643	2,547
89	Rockefeller U.	4,004	4,482	4,020	5,037	2,917	3,351	2,890	3,423
90	U. CA, Riverside	4,725	4,656	5,285	4,998	3,605	3,570	4,197	3,821

TABLE 60. Total and federally financed R&D expenditures in chemistry at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
91	Brandeis U.	2,676	3,390	2,665	4,976	1,857	2,738	2,000	4,047
92	U. Cincinnati all campuses	3,796	4,184	4,255	4,910	1,406	1,434	1,816	2,990
93	U. AL Huntsville, The	5,080	4,980	4,720	4,859	3,647	3,656	3,174	2,791
94	GA State U.	4,116	3,430	4,127	4,697	1,756	2,008	1,866	2,490
95	ND State U. all campuses	4,958	5,168	4,592	4,596	3,870	4,433	3,866	3,866
96	Carnegie Mellon U.	4,904	4,829	4,259	4,499	3,668	3,796	3,412	3,529
97	U. MT-Missoula, The	2,362	3,554	3,670	4,258	1,642	2,784	3,168	3,378
98	U. MO-Columbia	3,269	3,309	5,170	4,248	1,763	1,704	2,678	3,082
99	Rensselaer Polytechnic Institute	3,171	3,679	3,693	4,172	2,158	2,550	3,032	3,452
100	TX Tech U.	5,479	4,076	4,877	4,116	1,627	1,532	2,266	1,815
	All other sampled institutions	239,331	264,592	268,121	270,385	156,385	180,423	178,590	176,834

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$5 million in both total and federally financed R&D expenditures in chemistry.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 61. Total and federally financed R&D expenditures in physics at universities and colleges, ranked by FY 2006 total for the first 100 institutions:
FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	1,418,394	1,522,128	1,604,450	1,608,120	1,088,474	1,169,347	1,233,377	1,212,751
1	CA Institute of Technology	101,601	110,465	107,746	107,217	101,470	109,989	106,956	106,336
2	U. CA, Berkeley	47,923	61,480	83,049	66,078	36,985	51,321	73,661	51,791
3	MA Institute of Technology	56,334	58,656	59,860	53,380	56,151	58,574	59,622	52,232
4	Johns Hopkins U., The ^a	58,531	55,548	50,519	52,986	57,604	54,547	49,632	51,399
5	Cornell U. all campuses	36,036	39,675	39,918	44,282	29,908	32,005	33,072	36,377
6	U. TX Austin	38,079	38,484	41,668	44,276	31,910	34,118	36,085	38,769
7	FL State U.	35,502	36,949	38,443	42,902	20,708	22,881	22,704	24,117
8	MI State U.	37,123	39,043	40,974	42,392	22,862	25,280	26,721	28,069
9	U. CA, Los Angeles	37,110	37,827	34,184	40,109	24,547	27,640	25,385	32,185
10	U. MD College Park	21,363	35,540	39,793	39,231	15,482	25,177	26,222	24,903
11	SUNY Stony Brook all campuses	18,157	17,181	19,551	33,912	11,289	11,059	12,889	12,732
12	PA State U. all campuses	27,865	27,247	30,137	32,684	19,825	19,854	20,589	23,273
13	U. IL Urbana-Champaign	22,969	24,998	26,100	27,894	16,489	18,255	20,067	19,948
14	U. CA, San Diego	18,116	19,265	20,851	25,283	13,587	13,150	14,388	16,856
15	U. WI Madison	20,733	21,969	24,487	24,880	16,094	17,597	20,444	20,366
16	IN U. all campuses	18,847	34,893	24,197	24,777	10,823	8,368	8,834	8,190
17	U. Central FL	17,179	25,579	23,032	24,433	8,580	13,405	9,428	8,656
18	U. CO all campuses	18,623	21,147	19,971	20,899	17,171	19,183	18,322	19,335
19	U. MS all campuses	16,752	16,978	18,085	18,140	14,530	14,824	15,798	14,528
20	U. PA	14,126	14,925	17,629	16,777	11,617	12,260	13,550	12,818
21	U. FL	14,956	18,142	14,653	16,763	10,064	13,240	10,814	12,486
22	Rutgers, The State U. NJ all campuses	15,399	16,484	16,676	15,791	6,116	7,337	6,783	6,627
23	U. CA, Irvine	11,755	11,049	12,913	15,651	7,555	6,979	7,513	9,169
24	U. MI all campuses	16,214	16,865	16,748	15,432	13,155	13,181	13,885	12,579
25	Harvard U.	14,139	14,567	14,308	15,369	13,736	14,087	13,921	14,841
26	Princeton U.	13,232	14,443	17,659	15,240	9,644	10,752	13,801	12,015
27	Vanderbilt U.	9,400	8,236	9,561	14,078	6,986	7,323	8,455	8,168
28	U. CA, Santa Barbara	12,592	12,500	13,681	13,341	8,878	8,342	8,880	8,491
29	TX A&M U. all campuses	11,009	14,793	13,173	13,301	6,825	10,472	9,754	7,363
30	GA Institute of Technology all campuses	13,484	10,655	10,830	12,634	9,099	6,509	6,644	7,986
31	OH State U. all campuses	14,104	12,973	12,544	12,267	7,781	9,732	8,967	8,757
32	U. WA	14,023	12,725	20,983	11,972	12,506	12,034	18,251	11,108
33	Yale U.	12,289	10,806	10,656	11,473	11,061	9,673	8,686	8,938
34	Duke U.	11,214	12,444	12,365	11,378	10,266	11,112	10,373	10,016
35	U. MN all campuses	14,478	11,882	10,620	11,292	11,804	9,697	8,698	9,143
36	U. NV, Reno	4,984	6,528	8,682	11,036	4,702	6,158	8,228	10,578
37	NC State U.	13,301	12,624	18,295	10,938	5,490	5,712	6,509	7,936
38	U. IA	11,678	10,105	10,556	10,899	9,764	8,418	8,633	8,754
39	U. TN all campuses	7,445	8,953	11,435	10,520	5,203	6,210	7,472	7,453
40	U. Chicago	7,198	11,308	13,287	10,304	5,842	9,657	11,082	9,012
41	U. NE all campuses	8,080	8,134	9,353	10,152	5,287	4,883	4,487	4,865
42	Stanford U.	7,486	11,263	15,827	9,863	6,902	10,461	14,935	9,254
43	U. of Notre Dame	6,573	7,946	7,937	9,295	6,356	7,166	7,522	8,006
44	MT State U. Bozeman	7,958	8,872	8,423	9,007	6,739	8,317	8,018	8,199
45	Rice U.	5,307	6,873	9,148	8,997	4,646	6,093	8,221	7,731

TABLE 61. Total and federally financed R&D expenditures in physics at universities and colleges, ranked by FY 2006 total for the first 100 institutions:
FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
46	WA State U.	6,750	7,786	8,454	8,807	5,941	6,669	7,435	7,765
47	LA State U. all campuses	7,353	6,811	7,982	8,314	4,260	4,233	4,831	4,878
48	Purdue U. all campuses	7,917	6,596	7,230	8,269	6,531	5,317	5,675	6,051
49	NJ Institute of Technology	6,099	6,953	7,991	8,125	3,874	4,786	5,434	5,522
50	U. NM all campuses	5,277	4,505	6,576	8,101	4,645	4,032	5,107	6,471
51	U. CA, Santa Cruz	8,628	8,454	8,326	7,791	5,342	4,986	4,735	4,384
52	U. Rochester	7,140	6,481	6,593	7,573	6,333	5,906	6,032	6,766
53	Washington U. St. Louis	6,688	6,432	6,821	7,557	5,511	4,788	5,358	6,202
54	Brown U.	5,847 i	7,090 i	6,700	7,520	3,477 i	4,254 i	3,754	4,134
55	NY U.	3,397	2,352	6,782	7,253	3,391	2,128	4,967	5,418
56	U. MA Lowell	5,341	5,556	6,762	7,070	4,629	4,791	5,987	6,251
57	Boston U.	6,496	6,472	6,113	7,011	6,401	6,416	6,016	6,859
58	Northeastern U.	8,186	10,710	10,156	6,961	6,904	8,998	8,496	4,689
59	U. AZ	6,814	4,583	5,838	6,776	5,503	3,412	4,718	5,435
60	CUNY The City C.	3,405	5,729	6,718	6,671	2,258	3,621	4,969	4,900
61	U. OR	4,145	3,876	4,199	6,627	3,584	3,558	3,703	4,985
62	U. CA, Davis	4,844	5,043	5,629	6,515	3,192	3,260	3,980	4,952
63	Northwestern U.	6,235	6,883	7,027	6,439	4,165	5,156	5,522	5,034
64	U. IL Chicago	6,914	6,831	5,571	6,038	4,458	5,420	3,929	3,584
65	U. AL Huntsville, The	4,624	4,851	4,013	6,032	3,763	4,049	3,387	4,378
66	U. GA	4,299	4,384	4,933	6,002	1,491	1,544	1,684	2,013
67	Fisk U.	3,000	5,000	6,000	6,000	3,000	5,000	6,000	6,000
68	U. HI Manoa	4,038	5,225	5,609	5,875	3,951	4,961	5,291	5,676
69	KS State U.	8,058	8,189	7,814	5,739	7,598	7,136	6,549	4,682
70	Carnegie Mellon U.	6,359	6,426	5,622	5,680	5,502	5,850	5,121	5,077
71	U. VA all campuses	5,406	6,122	5,729	5,671	4,936	5,407	5,097	5,038
72	AZ State U. main campus	3,646	4,578	4,269	5,656	2,742	3,545	3,431	4,401
73	ID State U.	2,995	4,398	6,180	5,595	1,864	2,662	4,516	4,142
74	U. UT	5,910	5,386	5,779	5,499	4,487	4,188	4,402	4,408
75	Catholic U. America, The	4,892	4,862	5,620	5,293	3,994	3,942	4,499	4,186
76	Naval Postgraduate School	3,285	3,024 i	4,343	5,047	3,076	2,673 i	3,752	4,781
77	Case Western Reserve U.	3,890	4,161	4,017	5,040	3,075	3,639	3,658	3,530
78	Clemson U.	4,388	4,831	5,673	4,984	2,854	2,804	2,914	2,601
79	Rensselaer Polytechnic Institute	2,081	2,378	3,657	4,922	1,498	1,662	2,346	2,902
80	U. AR main campus	3,604	4,199	5,783	4,873	1,940	3,258	4,226	3,122
81	IA State U.	3,897	4,052	4,349	4,856	2,399	2,497	2,818	3,284
82	U. OK all campuses	5,343	5,312	5,591	4,823	2,916	3,068	2,796	2,930
83	U. Pittsburgh all campuses	5,895	5,839	5,914	4,811	5,092	5,085	4,844	3,849
84	Hampton U.	4,660	2,447	815	4,808	4,440	2,250	815	4,808
85	Air Force Institute of Technology	3,580	3,288	4,099	4,763	2,786	1,886	1,900	1,761
86	U. NC Chapel Hill	5,437	5,338	4,877	4,752	4,161	3,156	3,396	3,589
87	C. of William and Mary all campuses	3,310	4,612	5,115	4,668	2,984	4,225	4,722	4,115
88	U. KS all campuses	3,913	3,513	4,605	4,665	2,843	2,549	3,964	4,050
89	CO School of Mines	6,554	5,308	4,325	4,630	6,202	5,171	4,128	2,899
90	U. SC all campuses	4,565	3,975	4,242	4,558	2,404	2,276	2,640	3,225

TABLE 61. Total and federally financed R&D expenditures in physics at universities and colleges, ranked by FY 2006 total for the first 100 institutions:
FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
91	Northern IL U.	5,820	5,111	2,019	4,443	2,923	2,821	1,180	2,636
92	Dartmouth C.	2,796	3,267	4,818	4,426	1,721	1,805	2,669	2,294
93	U. MA Amherst	4,891	5,108	4,948	4,306	2,608	2,426	2,815	2,638
94	U. CA, Riverside	3,711	2,964	3,314	4,260	3,135	2,366	2,847	4,164
95	U. TX Arlington	2,012	3,248	2,698	4,121	1,216	2,317	2,089	3,315
96	OH U. all campuses	2,881	4,477	4,700	4,036	2,014	3,135	2,834	2,593
97	OK State U. all campuses	3,972	3,566	3,012	3,872	2,191	2,252	1,764	2,076
98	MS State U.	1,850	4,336	3,423	3,871	774	2,102	2,194	2,503
99	Rockefeller U.	2,330	2,530	2,624	3,856	1,090	1,199	1,296	1,397
100	U. KY all campuses	3,307	4,082	3,865	3,763	1,965	2,163	2,444	2,376
	All other sampled institutions	208,452	213,579	228,081	202,981	142,401	147,515	156,800	148,677

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$44 million in total and \$43 million in federally financed R&D expenditures in physics.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 62. Total and federally financed R&D expenditures in psychology at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	769,767	782,476	825,925	874,831	553,646	586,789	610,846	628,606
1	U. WI Madison	26,189	29,329	29,796	30,618	21,042	22,945	24,461	24,208
2	PA State U. all campuses	17,220	18,626	22,721	22,776	10,256	11,985	11,847	14,108
3	IN U. all campuses	11,462	12,234	11,152	15,732	7,644	8,089	8,968	9,415
4	FL State U.	6,371	8,574	12,923	15,108	2,804	4,880	9,238	9,042
5	U. CT all campuses	10,898	12,908	15,152	14,625	8,547	10,223	12,123	11,849
6	NY U.	13,380	14,903	14,938	14,589	11,478	12,179	12,256	12,334
7	U. Rochester	11,811	14,732	13,884	14,556	8,056	10,461	10,609	11,469
8	U. CO all campuses	9,560	9,908	11,799	14,041	8,621	8,629	10,561	12,433
9	U. TX M. D. Anderson Cancer Ctr.	7,856	7,966	7,851	13,636	4,113	4,984	5,226	6,637
10	U. GA	13,186	14,005	13,020	13,617	7,935	8,130	7,883	6,921
11	U. IL Urbana-Champaign	11,536	14,265	12,594	13,511	6,564	8,754	8,235	9,115
12	U. MN all campuses	12,518	12,752	13,090	13,165	8,557	8,830	8,835	8,192
13	Rutgers, The State U. NJ all campuses	10,809	11,378	10,773	12,717	4,732	5,318	4,643	4,063
14	U. MI all campuses	10,150	10,823	11,970	12,474	9,348	9,649	10,208	10,451
15	U. SC all campuses	5,377	6,162	6,246	12,118	2,916	4,685	4,324	9,411
16	U. FL	7,945	8,952	11,890	12,103	6,197	7,871	8,200	7,214
17	U. Memphis, The	11,373	11,065	11,658	11,815	6,682	5,756	6,634	5,850
18	GA State U.	9,553	11,634	11,182	11,747	6,658	8,793	8,570	7,902
19	U. NE all campuses	8,543	9,650	9,691	11,663	5,210	5,539	5,346	6,688
20	U. CA, Los Angeles	11,905	11,982	12,773	11,546	8,194	8,990	9,845	9,035
21	Temple U.	11,558	10,338	12,586	10,992	8,113	6,738	8,251	6,543
22	U. WA	8,640	8,863	9,733	10,936	7,897	8,359	8,876	9,929
23	AZ State U. main campus	8,323	8,694	9,565	10,821	7,164	6,872	7,959	8,907
24	Vanderbilt U.	10,519	9,639	9,694	10,606	7,298	7,655	7,701	8,087
25	U. NM all campuses	6,453	5,665	10,304	10,470	4,552	4,631	8,818	8,810
26	U. Houston	3,294	5,618	13,249	9,998	1,673	4,632	6,632	6,318
27	U. CA, Berkeley	11,820	11,531	8,805	9,501	8,065	7,944	5,551	5,758
28	San Diego State U.	9,021	9,020	8,776	9,268	4,924	5,347	4,850	4,952
29	U. TX Austin	7,186	7,560	8,693	9,093	6,572	6,931	7,900	8,141
30	Princeton U.	7,812	9,863	8,871	8,854	5,595	7,519	7,199	6,898
31	San Jose State U.	8,155	9,056	9,787	8,471	8,155	9,056	9,787	8,471
32	U. IA	4,958	5,477	6,971	8,392	4,471	5,056	6,103	7,097
33	U. Miami	9,848	10,194	9,538	8,316	9,530	9,737	8,974	7,936
34	Dartmouth C.	5,579	6,070	5,594	7,967	3,972	3,907	3,601	5,501
35	U. CA, San Diego	6,935	7,369	6,993	7,886	5,529	5,889	5,384	5,628
36	U. KY all campuses	3,158	5,099	6,294	7,870	2,669	3,768	5,253	6,441
37	U. OR	5,897	8,135	6,914	7,854	5,527	7,496	5,971	7,104
38	Yale U.	6,311	8,249	6,873	7,847	4,271	5,666	4,610	4,640
39	MS State U.	1,780	2,099	4,993	7,805	784	1,142	3,288	6,105
40	U. Pittsburgh all campuses	6,878	7,488	8,237	7,775	6,515	6,997	7,233	6,831
41	Boston U.	6,193	6,622	7,439	7,687	6,157	6,601	7,298	7,478
42	Johns Hopkins U., The ^a	4,315	5,846	5,720	7,674	3,954	5,218	5,134	6,391
43	Harvard U.	6,459	8,245	7,525	7,660	6,285	7,769	7,096	7,318
44	U. South FL	14,505	3,164	7,255	7,631	7,460	2,327	4,515	4,496
45	SUNY Stony Brook all campuses	3,715	3,472	5,302	7,475	2,548	2,682	4,271	4,085
46	U. AZ	3,820	4,136	4,903	7,329	2,563	2,960	3,398	3,470
47	U. Chicago	5,629	6,346	6,623	7,304	5,611	5,926	6,570	7,212

TABLE 62. Total and federally financed R&D expenditures in psychology at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
48	U. MO-Columbia	8,306	7,273	7,647	7,246	3,899	4,941	5,234	4,912
49	U. VA all campuses	6,367	7,287	6,802	6,880	5,864	6,430	5,991	6,229
50	MI State U.	6,633	6,472	6,861	6,818	4,128	3,832	3,456	3,773
51	Stanford U.	6,530	8,602	7,603	6,701	5,245	6,864	6,438	5,713
52	U. IL Chicago	6,195	6,626	6,671	6,562	3,961	4,154	4,481	4,177
53	SUNY Buffalo all campuses	5,120	4,749	5,489	6,291	2,719	2,510	2,911	2,946
54	U. PA	4,978	5,122	6,080	6,267	4,494	4,889	5,537	5,535
55	U. AL Birmingham, The	7,266	7,514	8,414	6,173	6,445	6,920	8,374	6,071
56	U. MA Amherst	5,067	5,077	5,475	5,977	3,558	3,442	3,304	3,511
57	OH State U. all campuses	8,297	6,752	6,947	5,971	5,098	5,020	4,992	4,492
58	Washington U. St. Louis	3,250	4,475	6,356	5,948	2,302	3,030	4,780	4,369
59	Cornell U. all campuses	6,920	5,388	6,464	5,875	2,693	2,462	2,670	2,939
60	U. NC Chapel Hill	6,447	6,065	5,999	5,581	5,552	5,359	4,703	4,704
61	CUNY Hunter C.	5,524	6,133	6,977	5,556	3,788	4,617	5,055	4,290
62	Carnegie Mellon U.	11,111	7,637	5,237	5,454	9,532	6,850	4,648	5,153
63	GA Institute of Technology all campuses	5,008	3,236	5,018	5,382	3,327	1,833	1,979	2,473
64	U. Southern CA	6,258	4,615	4,028	5,341	4,678	3,379	3,099	4,054
65	Tufts U.	3,619	4,042	4,677	4,966	1,385	2,104	2,936	2,682
66	U. of Notre Dame	3,338	3,932	4,029	4,756	2,824	3,615	3,922	4,639
67	Wayne State U.	3,873	3,533	4,705	4,713	2,459	2,214	3,753	2,922
68	Syracuse U. all campuses	2,314	3,155	4,023	4,644	2,298	3,135	3,975	4,555
69	Purdue U. all campuses	5,810	5,494	6,198	4,585	3,365	3,748	4,416	3,534
70	Uniformed Services U. of the Health Sciences	0	149	86	4,541	0	107	66	2,850
71	SUNY Binghamton	4,009	3,890	3,503	4,404	2,279	2,599	2,385	2,680
72	U. CA, Irvine	4,347	3,508	3,960	4,380	3,149	2,122	2,145	2,487
73	U. Louisville	2,736	3,163	3,808	4,348	2,054	2,512	3,088	3,690
74	U. MD College Park	4,203	4,798	4,844	4,310	3,936	4,634	4,566	4,019
75	VA Commonwealth U.	5,101	4,875	5,126	4,161	3,250	3,041	3,617	2,983
76	Teachers C. Columbia U.	3,824	3,983	4,072	4,032	3,153	3,149	3,250	3,734
77	U. CA, Santa Barbara	8,177	3,089	3,266	3,760	5,811	2,560	2,767	3,170
78	Northwestern U.	4,177	4,098	3,755	3,733	3,414	3,312	2,896	2,890
79	U. DE	2,014	3,328	3,817	3,729	1,723	2,853	3,098	2,876
80	U. TX Dallas	157	461	545	3,698	47	67	402	3,153
81	UT State U.	2,272	3,925	3,384	3,637	1,151	2,379	1,746	2,275
82	George Mason U.	2,747	2,751	2,809	3,410	2,122	1,610	2,054	2,069
83	CO State U.	3,312	3,784	4,812	3,330	2,765	3,119	3,856	2,954
84	ND State U. all campuses	1,034	1,333	2,714	3,248	828	1,084	2,437	3,008
85	Columbia U. in the City of NY	3,862	3,865	4,183	3,053	3,471	3,756	4,113	2,870
86	Duke U.	2,965	1,939	2,527	3,004	2,394	1,209	1,514	1,941
87	TX A&M U. all campuses	2,725	2,621	2,940	2,984	2,022	1,820	2,054	2,058
88	Brandeis U.	2,591	3,208	2,765	2,972	2,137	2,709	2,472	2,610
89	U. UT	2,368	2,544	2,897	2,709	1,937	2,257	2,534	2,167
90	Wichita State U.	1,032	1,094	290	2,622	723	718	135	1,699
91	Brown U.	2,266	2,605	2,349	2,560	1,558	1,558	1,151	1,290
92	DePaul U.	2,295	2,685	3,034	2,457	2,130	2,570	2,818	1,875
93	TX Christian U.	2,381	2,289	2,467	2,393	2,368	2,287	2,462	2,297
94	Northeastern U.	2,846	3,514	3,901	2,373	1,496	1,939	2,013	1,714

TABLE 62. Total and federally financed R&D expenditures in psychology at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
95	Northern IL U.	1,585	1,614	1,732	2,289	702	644	1,070	1,319
96	VA Polytechnic Institute and State U.	2,946	2,813	2,307	2,276	2,006	2,014	1,454	1,196
97	U. MD Baltimore County	1,514	1,503	1,758	2,177	953	596	897	1,115
98	U. OK all campuses	13,669	1,293	1,746	2,161	5,187	821	1,192	1,166
99	U. Denver	2,010	2,296	2,251	2,124	1,947	2,050	2,032	1,937
100	U. AL, The	2,549	2,825	2,472	2,083	2,440	2,800	2,423	1,814
	All other sampled institutions	127,419	127,748	121,765	122,547	91,471	95,030	85,250	84,143

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in both total and federally financed R&D expenditures in psychology.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 63. R&D expenditures in the social sciences at universities and colleges, ranked by all FY 2006 social sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All social sciences	Economics	Political sciences	Sociology	Social sciences, nec
	All institutions	1,674,571	1,675,724	1,684,913	1,703,365	338,513	316,569	399,528	648,755
1	U. MI all campuses	108,702	92,602	89,909	89,913	12,906	16,300	16,789	43,918
2	U. MD College Park	70,485	79,872	76,411	82,936	10,885	13,345	2,903	55,803
3	U. CA, Berkeley	51,283	49,840	48,971	49,930	16,455	7,368	7,108	18,999
4	U. WI Madison	39,324	41,686	40,905	41,254	7,029	3,010	13,513	17,702
5	OH State U. all campuses	40,370	32,793	33,921	40,519	20,608	3,029	8,868	8,014
6	U. GA	37,341	39,138	38,593	37,944	13,382	5,200	3,083	16,279
7	U. CA, Los Angeles	41,263	36,461	34,141	35,661	905	305	5,246	29,205
8	MI State U.	26,198	27,952	28,063	34,646	14,510	3,982	2,901	13,253
9	IN U. all campuses	35,476	32,037	24,596	31,397	3,082	8,922	8,446	10,947
10	U. PA	40,272	38,184	36,185	30,809	1,783	11,165	6,970	10,891
11	U. TX Austin	20,251	18,156	29,057	27,880	641	219	5,773	21,247
12	Cornell U. all campuses	21,451	22,395	25,750	26,863	7,106	2,436	2,659	14,662
13	U. NC Chapel Hill	27,095	34,016	34,936	26,700	55	11	9,822	16,812
14	Rutgers, The State U. NJ all campuses	23,365	25,450	27,271	26,160	1,124	7,927	5,065	12,044
15	U. MN all campuses	18,798	20,640	21,164	25,285	8,071	4,834	9,212	3,168
16	PA State U. all campuses	26,511	25,994	24,648	24,533	1,562	4,064	18,443	464
17	Princeton U.	28,647	27,524	29,601	24,469	1,279	21,295	843	1,052
18	U. AZ	20,374	18,212	19,038	23,450	4,561	134	11,785	6,970
19	Duke U.	21,662	26,865	25,728	23,312	2,043	16,069	4,998	202
20	Harvard U.	22,398	17,914	18,364	22,645	6,551	9,514	279	6,301
21	U. IL Urbana-Champaign	28,027	27,373	22,623	21,107	7,554	1,162	771	11,620
22	U. CA, Davis	16,736	17,683	22,262	21,085	5,843	2,885	1,094	11,263
23	AZ State U. main campus	10,468	10,878	13,222	19,957	2,197	2,007	8,109	7,644
24	IA State U.	14,618	17,597	16,384	18,430	3,695	453	14,277	5
25	Purdue U. all campuses	14,781	16,783	17,806	18,354	9,396	242	4,168	4,548
26	U. WA	15,229	34,519	16,232	17,564	59	10,718	3,579	3,208
27	FL State U.	18,050	15,029	14,626	16,481	667	5,951	3,720	6,143
28	Brandeis U.	15,617	12,757	14,264	16,249	161	76	13,376	2,636
29	WA State U.	12,660	11,317	17,735	15,948	9,350	3,041	1,227	2,330
30	U. FL	10,701	10,482	14,457	15,743	8,655	104	1,071	5,913
31	U. NE all campuses	15,189	14,287	14,916	15,450	4,725	2,491	3,895	4,339
32	Columbia U. in the City of NY	9,473	10,196	11,229	14,344	1,127	1,361	11,856	0
33	U. Southern ME	6,668 i	8,853 i	11,038 i	13,221	158	11,213	0	1,850
34	GA Institute of Technology all campuses	10,219	11,010	10,090	13,089	8,583	3,018	0	1,488
35	Brown U.	6,300	7,156	8,380	12,937	2,578	997	6,013	3,349
36	Stanford U.	11,793	10,895	13,864	12,352	1,300	0	1,369	9,683
37	Clemson U.	10,302	11,158	11,207	11,957	2,400	1,759	1,252	6,546
38	George Washington U.	6,907	11,472	9,156	11,842	378	8,463	1,710	1,291
39	U. CA, San Diego	12,929	12,825	12,607	11,690	977	4,611	5,725	377
40	ND State U. all campuses	8,342	9,436	10,806	11,598	4,088	133	125	7,252
41	U. TN all campuses	8,527	11,006	10,980	11,514	8,531	263	2,357	363
42	U. IL Chicago	15,390	15,037	11,748	11,004	99	379	3,199	7,327
43	SUNY Albany	11,554	13,158	13,335	10,975	0	4,302	4,730	1,943
44	NY U.	7,988	9,118	8,864	10,832	1,711	5,864	3,257	0

TABLE 63. R&D expenditures in the social sciences at universities and colleges, ranked by all FY 2006 social sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All social sciences	Economics	Political sciences	Sociology	Social sciences, nec
45	U. MO-Columbia	14,185	14,648	12,346	10,657	8,283	13	440	1,921
46	GA State U.	11,587	10,447	10,750	10,421	7,759	681	93	1,888
47	U. KS all campuses	9,135	9,314	9,459	10,417	632	1,811	5,918	2,056
48	NC State U.	8,508	7,265	7,299	10,406	4,902	103	3,993	1,408
49	U. CA, Irvine	9,826	9,303	10,979	10,248	38	5,072	748	4,390
50	U. MA Boston	7,860	8,630	10,236	10,114	78	675	369	8,992
51	TX A&M U. all campuses	5,384	7,937	8,759	9,617	2,770	1,301	1,082	4,464
52	U. SC all campuses	7,899	7,715	7,391	9,586	1,623	2,876	879	4,208
53	U. South FL	4,318	3,567	5,158	8,868	1,049	1,563	4,303	1,953
54	Georgetown U.	10,870	10,649	9,978	8,708	112	7,991	0	605
55	Carnegie Mellon U.	10,037	11,799	10,569	8,656	2,000	2,339	470	3,847
56	U. Memphis, The	7,043	9,193	9,820	8,642	4,001	304	2,335	2,002
57	U. CO all campuses	11,195	9,923	10,031	8,288	831	806	3,682	2,969
58	VA Polytechnic Institute and State U.	6,399	6,501	8,399	8,278	1,799	2,257	462	3,760
59	Northwestern U.	10,602	9,450	9,292	7,936	1,402	4,605	1,027	902
60	Boston C.	5,610	5,610 e	7,145	7,892	3,071	2	671	4,148
61	U. KY all campuses	9,201	7,889	6,939	7,870	2,716	1,531	583	3,040
62	U. Baltimore	ne	ne	7,754	7,856	486	2,816	1,675	2,879
63	U. ME	3,876	4,772	2,673	7,731	30	0	252	7,449
64	U. Southern CA	8,882	11,347	10,037	7,715	227	1,899	1,841	3,748
65	U. CA, Santa Barbara	11,918	11,807	12,064	7,565	154	111	272	7,028
66	U. OK all campuses	15,728	8,549	8,146	7,334	506	1,932	2,115	2,781
67	LA State U. all campuses	10,375	10,171	10,677	7,265	3,622	464	1,630	1,549
68	TX Tech U.	7,240	7,057	7,825	7,176	2,509	1,774	1,620	1,273
69	George Mason U.	8,193	9,402	10,151	7,122	2,000	4,042	660	420
70	MA Institute of Technology	6,131	6,195	6,945	7,098	2,731	3,051	180	1,136
71	San Diego State U.	5,883	5,004	6,422	7,038	471	1,679	951	3,937
72	U. of Notre Dame	3,271	4,531	4,288	6,793	132	1,320	4,032	1,309
73	U. HI Manoa	5,876	7,407	5,698	6,740	68	9	75	6,588
74	U. DE	5,566	6,313	6,394	6,567	1,281	3	3,718	1,565
75	Portland State U.	7,689	7,689 e	10,590	6,488	43	1,038	574	4,833
76	U. CT all campuses	8,002	6,864	7,813	6,352	1,626	2,033	2,275	418
77	U. MD Baltimore County	3,082	4,290	7,425	6,226	30	2,174	1,645	2,377
78	U. IA	5,364	5,240	5,511	6,214	212	2,562	731	2,709
79	U. NM all campuses	11,720	12,512	4,905	6,108	649	913	1,281	3,265
80	U. WI Milwaukee	7,622	7,284	6,247	6,071	507	21	1,141	4,402
81	Wayne State U.	6,079	6,425	5,923	6,028	43	77	1,259	4,649
82	Washington U. St. Louis	4,674	4,049	4,999	5,985	0	594	5,170	221
83	U. TX M. D. Anderson Cancer Ctr.	187	463	2,817	5,666	0	0	5,666	0
84	Cleveland State U.	5,583	6,387	5,227	5,623	0	58	56	5,509
85	U. Chicago	2,384	3,328	5,249	5,361	513	1,781	507	2,560
86	OK State U. all campuses	8,559	7,519	6,140	5,260	2,863	201	459	1,737
87	SUNY Binghamton	3,718	3,990	5,554	5,129	304	405	3,999	421
88	Johns Hopkins U., The ^a	5,053	3,167	4,875	5,051	580 i	53 i	3,231 i	1,187 i
89	U. OR	3,458	4,192	4,366	5,037	931	1,758	210	2,138

TABLE 63. R&D expenditures in the social sciences at universities and colleges, ranked by all FY 2006 social sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All social sciences	Economics	Political sciences	Sociology	Social sciences, nec
90	U. of the VI	331 i	1,811	4,638	4,950	0	0	0	4,950
91	MS State U.	5,050	6,580	6,098	4,948	320	657	987	2,984
92	U. TX San Antonio	1,900	2,066	3,470	4,861	313	44	2,043	2,461
93	U. NH	5,984	4,299	4,367	4,846	771	58	3,003	1,014
94	U. Akron all campuses	5,236	5,342	4,906	4,810	11	133	4,647	19
95	FL International U.	8,568	13,846	16,708	4,600	41	259	4,300	0
96	U. Houston	9,802	2,403	4,905	4,510	110	0	4,400	0
97	Tufts U.	4,599	5,956	8,419	4,472	232	3,181	0	1,059
98	Teachers C. Columbia U.	4,236	3,641	4,059	4,320	2,065	0	0	2,255
99	U. CA, Santa Cruz	4,043	3,666	3,443	4,266	689	84	816	2,677
100	KS State U.	4,227	3,844	3,943	4,241	2,843	55	266	1,077
	All other sampled institutions	275,089	258,720	243,609	235,309	46,764	34,778	63,200	90,567

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; ne = not eligible; institution did not meet the criteria for inclusion.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$78,000 in total R&D expenditures in the social sciences.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 64. Federally financed R&D expenditures in the social sciences at universities and colleges, ranked by all FY 2006 social sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All social sciences	Economics	Political sciences	Sociology	Social sciences, nec
	All institutions	668,450	696,954	697,768	711,092	118,792	107,003	216,319	268,978
1	U. MI all campuses	69,293	49,887	54,590	53,336	10,859	8,713	10,464	23,300
2	U. MD College Park	28,506	32,131	35,852	48,459	847	3,436	1,343	42,833
3	OH State U. all campuses	15,074	23,454	24,064	26,644	14,517	1,975	5,755	4,397
4	U. WI Madison	19,565	19,753	22,408	21,273	3,869	326	8,147	8,931
5	U. NC Chapel Hill	18,903	24,061	23,281	17,340	1	0	7,690	9,649
6	Duke U.	15,005	19,525	19,034	16,337	856	11,015	4,325	141
7	U. PA	14,132	17,765	16,834	16,011	985	3,340	4,302	7,384
8	MI State U.	11,597	12,096	12,982	13,127	6,785	514	888	4,940
9	U. TX Austin	11,751	10,070	13,821	12,565	500	31	4,034	8,000
10	IA State U.	7,961	10,522	8,776	12,074	1,433	22	10,619	0
11	Harvard U.	10,574	8,076	9,755	11,453	6,488	2,256	139	2,570
12	U. AZ	10,010	9,161	7,169	11,139	1,594	0	6,847	2,698
13	Cornell U. all campuses	6,842	7,247	7,833	10,026	1,992	1,706	605	5,723
14	U. MN all campuses	7,925	7,956	8,913	9,952	1,500	885	7,214	353
15	PA State U. all campuses	9,778	9,852	9,153	9,787	589	1,567	7,290	341
16	U. Southern ME	4,391 i	5,851 i	7,311 i	8,777	5	8,662	0	110
17	Columbia U. in the City of NY	6,495	6,015	6,226	8,638	339	58	8,241	0
18	U. CA, Berkeley	6,586	6,724	7,351	8,019	3,548	212	1,743	2,516
19	AZ State U. main campus	2,685	3,265	5,066	8,016	272	647	5,129	1,968
20	Brandeis U.	6,631	6,264	6,499	7,554	102	0	7,072	380
21	Princeton U.	4,780	5,755	6,577	7,479	627	6,792	31	29
22	IN U. all campuses	7,303	5,966	6,551	7,467	368	1,648	4,394	1,057
23	Carnegie Mellon U.	7,986	9,376	8,738	6,847	940	1,862	470	3,575
24	FL State U.	6,387	6,833	6,811	6,770	405	1,609	1,713	3,043
25	ND State U. all campuses	5,582	6,627	6,472	6,641	1,408	62	46	5,125
26	U. CA, Los Angeles	7,766	7,426	6,947	6,507	16	32	1,292	5,167
27	U. WA	6,167	24,775	6,230	6,500	4	1,330	2,847	2,319
28	U. CO all campuses	9,134	7,919	8,194	6,497	590	376	3,120	2,411
29	Stanford U.	3,422	4,217	6,185	5,964	879	0	796	4,289
30	U. KS all campuses	4,197	4,565	4,881	5,930	38	1,112	3,141	1,639
31	Rutgers, The State U. NJ all campuses	2,857	3,916	6,143	5,802	97	643	1,325	3,737
32	U. IL Urbana-Champaign	4,096	6,155	5,505	5,735	2,268	28	170	3,269
33	U. Chicago	2,319	3,256	4,469	5,081	383	1,757	505	2,436
34	U. HI Manoa	4,068	5,483	3,894	5,071	54	0	22	4,995
35	U. NE all campuses	4,553	4,335	4,681	5,026	203	1,252	2,579	992
36	U. of the VI	0 i	1,811	4,638	4,950	0	0	0	4,950
37	U. CA, San Diego	4,281	4,441	4,622	4,854	102	1,671	3,023	58
38	U. IL Chicago	6,811	6,697	4,614	4,792	12	0	2,797	1,983
39	U. SC all campuses	3,644	4,068	3,347	4,693	811	377	478	3,027
40	U. MO-Columbia	4,382	5,214	4,201	4,642	4,182	0	93	367
41	WA State U.	2,843	3,018	5,418	4,594	2,528	1,134	400	532
42	Purdue U. all campuses	4,357	5,103	5,679	4,518	2,249	54	2,053	162
43	FL International U.	6,709	10,440	11,184	4,437	39	220	4,178	0
44	Clemson U.	4,760	4,975	4,671	4,242	387	673	79	3,103
45	SUNY Albany	4,661	4,886	4,918	4,166	0	1,035	2,118	1,013

TABLE 64. Federally financed R&D expenditures in the social sciences at universities and colleges, ranked by all FY 2006 social sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All social sciences	Economics	Political sciences	Sociology	Social sciences, nec
46	NY U.	4,108	4,567	5,147	4,061	1,223	1,465	1,373	0
47	U. ME	1,071	2,460	780	4,043	16	0	243	3,784
48	GA State U.	3,870	3,426	3,517	3,974	3,145	74	0	755
49	U. OR	2,021	2,757	3,018	3,938	785	1,190	147	1,816
50	Portland State U.	5,014	5,014 e	6,257	3,924	2	380	236	3,306
51	U. Southern CA	3,133	4,397	3,717	3,920	55	627	1,023	2,215
52	Washington U. St. Louis	3,782	3,348	3,161	3,721	0	461	3,169	91
53	NC State U.	2,390	2,244	2,527	3,680	1,493	39	1,722	426
54	George Mason U.	5,517	6,571	7,452	3,669	162	2,882	282	343
55	Morehouse C.	244 i	255 i	1,544	3,613	0	0	3,613	0
56	U. Memphis, The	2,806	2,921	2,833	3,573	1,877	0	1,597	99
57	Northwestern U.	3,326	3,005	3,635	3,426	761	2,116	341	208
58	U. DE	4,045	3,675	3,342	3,420	242	2	2,739	437
59	U. South FL	2,254	1,477	1,541	3,380	134	135	2,257	854
60	Johns Hopkins U., The ^a	2,679	2,151	3,552	3,274	517 i	3 i	2,563 i	191 i
61	U. CA, Irvine	3,501	3,467	3,824	3,269	31	1,861	178	1,199
62	U. Pittsburgh all campuses	4,878	3,939	3,222	3,254	433	431	335	2,055
63	U. NH	3,273	2,802	3,232	3,223	437	55	2,013	718
64	Vanderbilt U.	4,325	3,834	2,533	3,223	138	2,905	180	0
65	GA Institute of Technology all campuses	3,531	2,812	2,142	3,200	1,703	987	0	510
66	Tulane U.	4,703	2,446	2,835	3,179	0	0	23	3,156
67	U. CT all campuses	3,556	3,447	3,393	3,121	633	966	1,423	99
68	U. MD Baltimore County	747	1,396	2,461	3,115	0	74	1,358	1,683
69	U. FL	1,947	1,745	2,537	3,096	1,253	44	679	1,120
70	U. TX M. D. Anderson Cancer Ctr.	113	157	1,866	3,070	0	0	3,070	0
71	Naval Postgraduate School	12,565	10,911 i	2,352	3,059	87	2,226	583	163
72	Brown U.	1,902	1,426	1,627	3,048	0	47	2,475	526
73	MA Institute of Technology	1,620	1,898	2,093	3,026	1,016	1,217	180	613
74	U. WI Milwaukee	4,413	4,390	3,305	2,972	68	19	866	2,019
75	George Washington U.	3,162	4,564	5,427	2,959	306	886	1,393	374
76	U. Houston	5,691	1,537	3,189	2,916	106	0	2,810	0
77	Boston C.	2,976	2,976 e	2,200	2,822	1,700	0	93	1,029
78	VA Polytechnic Institute and State U.	1,579	1,580	3,141	2,708	564	109	323	1,712
79	CO State U.	5,817	2,152	1,748	2,685	1,013	144	737	791
80	Wichita State U.	394	314	304	2,640	0	6	19	2,615
81	U. CA, Davis	3,138	2,191	2,742	2,634	466	173	471	1,524
82	TX Tech U.	871	1,279	2,246	2,576	1,009	464	749	354
83	TX A&M U. all campuses	1,622	2,100	2,453	2,553	85	800	717	951
84	U. NM all campuses	6,087	8,451	2,370	2,538	507	520	599	912
85	U. OK all campuses	5,807	2,412	2,401	2,343	63	59	1,712	509
86	U. Miami	1,163	2,337	3,026	2,247	0	0	2,091	156
87	U. KY all campuses	3,210	2,091	2,060	2,144	746	391	342	665
88	U. GA	3,691	4,093	3,310	2,098	974	364	75	685
89	U. of Notre Dame	1,054	1,319	1,227	2,091	21	756	977	337
90	U. MA Boston	2,131	1,919	1,774	2,073	30	2	50	1,991

TABLE 64. Federally financed R&D expenditures in the social sciences at universities and colleges, ranked by all FY 2006 social sciences for the first 100 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All social sciences	Economics	Political sciences	Sociology	Social sciences, nec
91	LA State U. all campuses	2,064	1,706	2,166	1,926	736	12	692	486
92	SUNY Binghamton	1,589	1,909	2,241	1,840	71	156	1,564	49
93	Wayne State U.	1,389	1,490	1,232	1,822	30	0	867	925
94	U. Baltimore	ne	ne	2,255	1,757	0	37	1,675	45
95	NM State U. all campuses	1,710	1,969	2,918	1,748	603	222	592	331
96	U. CA, Santa Barbara	4,977	5,169	5,210	1,707	0	0	2	1,705
97	U. AK Anchorage all campuses	0 i	0 i	0	1,672	185	0	145	1,342
98	U. TN all campuses	673	1,423	1,898	1,540	860	4	500	176
99	Tuskegee U.	1,431	1,536	1,463	1,525	168	0	0	1,357
100	U. TX San Antonio	258	261	522	1,514	225	10	426	853
	All other sampled institutions	101,863	100,306	96,312	84,811	16,442	12,650	22,513	33,206

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; ne = not eligible; institution did not meet the criteria for inclusion.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$65,000 in federally financed R&D expenditures in the social sciences.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 65. Total and federally financed R&D expenditures in engineering at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	5,992,925	6,309,877	6,738,061	7,076,182	3,609,819	3,902,961	4,124,621	4,235,935
1	Johns Hopkins U., The ^a	386,412	417,139	430,954	467,230	377,516	410,730	418,846	444,407
2	GA Institute of Technology all campuses	232,971	275,551	285,572	294,466	134,150	159,978	167,523	180,755
3	PA State U. all campuses	183,570	209,900	221,800	235,614	110,675	137,769	142,985	149,236
4	MA Institute of Technology	195,704	200,773	206,567	220,043	134,015	144,287	149,267	164,846
5	TX A&M U. all campuses	150,239	155,464	147,173	161,735	39,809	45,221	53,371	56,189
6	U. TX Austin	120,983	119,301	140,263	152,094	80,074	77,183	79,927	93,513
7	U. MI all campuses	169,041	163,062	154,398	151,656	115,309	115,461	109,615	106,816
8	Stanford U.	140,152	147,216	155,844	148,688	117,498	118,487	122,807	115,675
9	U. CA, Berkeley	152,033	151,395	152,283	147,875	64,345	70,876	65,576	56,280
10	OH State U. all campuses	108,164	110,958	131,921	134,920	31,749	48,279	49,554	44,879
11	VA Polytechnic Institute and State U.	96,512	101,767	112,951	127,349	39,298	39,074	47,963	50,769
12	U. IL Urbana-Champaign	114,986	120,032	125,457	125,371	66,381	69,698	76,794	71,447
13	Purdue U. all campuses	100,174	124,849	121,148	118,109	41,770	43,453	45,171	47,901
14	NM State U. all campuses	65,616	50,582	73,977	104,881	49,091	48,757	59,959	28,366
15	SUNY Albany	23,609	56,484	86,371	102,548	257	1,133	1,571	2,412
16	U. Rochester	58,589	60,464	82,903	99,801	48,369	51,870	71,224	85,329
17	NC State U.	84,442	80,231	81,772	96,066	29,288	34,368	34,210	45,609
18	U. FL	68,343	67,195	80,555	92,963	38,424	43,388	40,621	46,049
19	U. WI Madison	95,530	94,860	92,982	92,933	60,860	61,122	59,727	59,398
20	U. MD College Park	82,446	82,766	88,338	88,321	47,813	49,146	56,512	54,277
21	U. CA, San Diego	66,090	71,132	72,963	83,480	32,582	39,227	38,580	36,983
22	Clemson U.	64,521	63,864	78,417	81,309	35,798	32,098	29,959	30,347
23	U. AZ	50,622	53,542	56,001	80,160	27,725	31,230	26,512	26,188
24	Cornell U. all campuses	63,287	69,046	75,275	77,191	39,147	41,448	45,734	47,959
25	U. CA, Santa Barbara	56,144	58,810	73,812	76,923	32,116	36,130	48,922	48,695
26	U. WA	57,063	70,034	71,696	75,361	44,116	59,124	60,275	59,319
27	AZ State U. main campus	51,532	55,648	50,515	71,479	23,750	25,921	28,693	32,424
28	U. Dayton	51,728	62,763	65,671	65,789	46,659	56,043	57,837	54,635
29	Northwestern U.	54,427	55,297	62,017	64,791	36,610	39,490	43,150	44,630
30	U. CA, Davis	44,857	50,454	56,758	59,204	18,796	20,784	23,597	22,036
31	Carnegie Mellon U.	54,187	55,992	54,469	56,824	44,628	46,239	44,801	44,793
32	UT State U.	70,127	77,996	54,754	55,850	65,374	73,611	51,039	51,990
33	Princeton U.	52,419	52,126	57,952	55,548	31,748	32,973	35,543	35,084
34	U. MN all campuses	50,175	52,923	51,168	55,130	27,299	29,101	25,979	26,797
35	U. CA, Los Angeles	59,498	58,147	55,335	52,088	40,324	39,648	32,944	29,380
36	IA State U.	45,805	48,298	48,153	51,726	22,392	24,710	25,002	26,903
37	U. Southern CA	51,215	54,854	53,863	49,447	40,469	38,444	37,387	33,722
38	U. TN all campuses	39,326	41,228	49,943	48,488	15,458	17,489	21,385	19,584
39	Rensselaer Polytechnic Institute	37,819	41,931	46,969	48,242	22,842	25,602	27,801	27,750
40	SUNY Buffalo all campuses	33,269	34,394	39,663	47,833	19,072	21,143	23,985	23,497
41	MS State U.	59,993	55,133	41,012	47,812	41,932	26,384	25,040	30,992
42	NM Institute of Mining and Technology	17,309	18,023	26,299 i	45,194	7,864	6,435	14,345 i	30,084
43	U. KY all campuses	39,815	43,706	44,346	44,236	16,604	17,861	18,548	19,908

TABLE 65. Total and federally financed R&D expenditures in engineering at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
44	Case Western Reserve U.	30,987	40,268	42,557	40,322	23,547	25,953	22,390	25,617
45	NJ Institute of Technology	45,197	42,288	40,508	39,941	20,459	18,685	21,265	19,505
46	LA State U. all campuses	44,255	43,376	41,303	39,839	16,140	12,723	9,180	7,373
47	U. DE	34,351	36,213	37,008	39,573	27,020	27,706	27,724	31,145
48	Columbia U. in the City of NY	23,705	25,160	30,452	37,522	18,098	20,732	24,662	30,308
49	CA Institute of Technology	40,064	39,480	41,459	36,864	37,024	36,936	38,735	34,531
50	Drexel U.	32,560	34,660	39,569	36,733	22,433	23,693	26,609	24,716
51	U. CO all campuses	31,196	35,329	35,436	36,721	24,476	28,482	27,713	29,544
52	U. South FL	21,551	29,892	32,717	35,778	10,757	15,891	17,026	17,460
53	U. VA all campuses	31,799	34,347	34,472	35,682	23,980	24,822	27,108	29,835
54	U. CA, Irvine	24,509	28,764	33,921	35,222	10,703	13,277	14,385	14,037
55	Duke U.	25,210	28,131	33,932	35,192	18,150	21,202	21,449	23,808
56	U. IA	29,236	32,742	31,707	34,071	11,342	13,595	12,734	13,539
57	U. NE all campuses	27,703	28,109	30,675	33,702	7,473	8,217	12,237	15,769
58	Vanderbilt U.	23,911	30,986	33,207	33,424	19,814	26,132	26,736	26,887
59	U. UT	30,140	27,831	28,886	33,209	17,364	14,945	16,713	20,441
60	Auburn U. all campuses	30,471	30,387	33,685	32,797	17,040	16,544	17,668	18,192
61	U. PA	22,058	25,949	27,645	32,779	14,609	17,408	17,784	20,982
62	FL State U.	25,943	28,942	28,956	32,761	21,098	23,049	23,583	26,979
63	U. CA, Santa Cruz	4,983	16,877	28,366	32,173	2,848	13,278	23,424	27,235
64	U. Central FL	24,572	20,256	27,224	28,886	9,619	9,809	9,456	10,955
65	U. CA, Riverside	12,316	14,082	25,713	28,721	4,044	3,353	14,951	18,279
66	MI State U.	24,177	24,928	26,366	28,519	7,982	8,908	9,945	11,287
67	U. MA Amherst	19,248	23,045	25,838	28,301	7,321	8,553	9,992	10,438
68	U. AL Huntsville, The	21,004	21,335	26,672	28,136	16,145	17,703	21,398	21,756
69	U. MO-Rolla	28,514	28,122	28,728	27,932	14,343	13,694	15,685	16,009
70	U. ND all campuses	20,396	22,444	21,320	27,784	12,399	15,191	13,871	17,074
71	U. Cincinnati all campuses	28,443	26,815	26,177	26,983	13,553	13,457	13,554	12,023
72	Northeastern U.	16,536	16,137	22,529	26,894	9,951	10,259	13,775	16,776
73	MI Technological U.	18,048	22,512	24,151	25,626	11,210	11,722	11,134	10,697
74	Rutgers, The State U. NJ all campuses	33,135	33,838	30,604	25,245	13,977	15,125	11,756	10,479
75	CO State U.	18,653	21,824	24,975	25,088	10,193	14,821	14,615	17,753
76	U. SC all campuses	26,171	25,786	26,308	25,085	16,157	16,066	14,545	16,498
77	WV U.	28,006	28,632	26,933	25,023	19,572	18,799	18,371	17,309
78	Boston U.	21,188	23,212	25,074	24,972	19,796	21,292	23,350	22,783
79	WA State U.	30,276	24,556	25,876	24,591	13,114	13,445	14,341	13,476
80	Lehigh U.	20,332	21,109	26,183	24,017	9,786	12,145	12,849	10,806
81	Old Dominion U.	18,288	22,681	26,428	23,991	12,409	14,270	17,191	16,591
82	U. Houston	24,229	18,974	22,826	23,961	6,968	6,771	6,814	8,162
83	OR State U.	23,596	19,869	21,768	23,907	16,160	13,788	14,898	16,314
84	SUNY Stony Brook all campuses	25,139	24,882	22,114	23,488	10,393	10,431	11,206	10,343
85	U. NH	17,763	20,920	20,983	22,967	8,517	12,768	13,436	14,648
86	Harvard U.	10,894	16,093	21,191	22,851	9,762	14,949	19,287	19,811
87	Rice U.	11,779	17,287	17,969	22,197	8,834	13,053	14,593	16,751
88	Wichita State U.	16,591	23,450	28,691	21,884	7,107	7,925	7,137	9,296

TABLE 65. Total and federally financed R&D expenditures in engineering at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
89	U. AR main campus	12,836	14,543	21,418	21,676	4,804	6,562	8,658	8,004
90	Woods Hole Oceanographic Institution	17,930	17,539	21,044	21,630	14,360	16,817	20,208	20,572
91	U. Pittsburgh all campuses	15,469	17,850	20,254	21,254	10,476	13,209	15,454	14,809
92	Brown U.	20,946	19,384	20,654	21,030	13,827	12,958	13,718	12,545
93	Dartmouth C.	21,597	22,193	20,176	20,807	16,246	16,692	14,494	14,937
94	Southern IL U. Carbondale	9,421	12,125	10,908	19,661	1,173	1,072	1,440	929
95	U. IL Chicago	17,006	18,671	18,567	19,609	7,841	9,326	10,149	10,340
96	U. OK all campuses	19,010	15,759	17,259	19,442	4,981	6,550	6,493	7,594
97	OK State U. all campuses	20,507	20,197	20,641	19,247	10,104	11,139	10,831	11,764
98	U. AK Fairbanks all campuses	11,407	14,275	13,438	19,193	5,914	7,306	9,646	14,979
99	KS State U.	17,903	17,826	17,634	18,837	8,563	8,129	8,370	8,244
100	U. TX Arlington	9,359	11,118	19,612	17,957	4,873	5,603	11,521	11,153
	All other sampled institutions	879,667	870,547	947,074	927,717	492,974	514,616	576,083	567,995

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$425 million in total and \$408 million in federally financed R&D expenditures in engineering.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 66. R&D expenditures in engineering subfields at universities and colleges, ranked by all engineering R&D expenditures in subfields for the first 100 institutions: FY 2006

(Dollars in thousands)

Rank	Institution	All engineering R&D expenditures	Aeronautical/ astronautical engineering	Bioengineering/ biomedical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgical/ materials engineering	Engineering, nec
	All institutions	7,076,182	381,167	476,420	547,426	858,005	1,613,939	1,047,881	643,662	1,507,682
1	Johns Hopkins U., The ^a	467,230	52,686 i	20,279 i	9,616 i	10,378 i	133,026 i	95,007 i	489 i	145,749 i
2	GA Institute of Technology all campuses	294,466	39,527	27,417	14,955	15,907	114,300	44,451	14,286	23,623
3	PA State U. all campuses	235,614	6,982	3,840	16,129	14,422	62,257	51,514	78,918	1,552
4	MA Institute of Technology	220,043	18,862	40,975	18,851	10,241	28,701	23,043	17,320	62,050
5	TX A&M U. all campuses	161,735	17,213	7,124	11,089	49,320	8,156	20,557	5,750	42,526
6	U. TX Austin	152,094	11,100	5,588	13,896	28,783	37,600	14,517	19,542	21,068
7	U. MI all campuses	151,656	5,848	11,477	9,651	10,842	41,133	30,865	7,852	33,988
8	Stanford U.	148,688	6,871	10,524	8,982	8,818	31,938	27,366	2,367	51,822
9	U. CA, Berkeley	147,875	0	338	6,582	41,189	74,978	356	67	24,365
10	OH State U. all campuses	134,920	1,982	1,721	12,325	7,276	16,211	59,218	28,868	7,319
11	VA Polytechnic Institute and State U.	127,349	7,464	1,294	6,402	33,592	25,326	17,203	12,841	23,227
12	U. IL Urbana-Champaign	125,371	5,936	5,836	6,382	21,687	39,819	22,085	17,272	6,354
13	Purdue U. all campuses	118,109	6,970	3,651	4,204	17,709	34,201	19,964	2,471	28,939
14	NM State U. all campuses	104,881	399	0	2,727	5,505	2,965	480	2,873	89,932
15	SUNY Albany	102,548	0	0	0	0	0	0	0	102,548
16	U. Rochester	99,801	0	2,273	455	0	3,137	86,142	0	7,794
17	NC State U.	96,066	5,477	10,285	16,499	11,480	15,124	7,393	8,237	21,571
18	U. FL	92,963	9,007	11,452	5,664	21,847	11,329	7,766	11,315	14,583
19	U. WI Madison	92,933	0	2,548	6,870	7,137	10,793	5,534	5,272	54,779
20	U. MD College Park	88,321	15,538	0	2,434	10,990	19,857	13,822	6,040	19,640
21	U. CA, San Diego	83,480	0	11,512	0	0	50,185	6,167	0	15,616
22	Clemson U.	81,309	0	5,991	11,982	9,059	9,910	19,107	14,815	10,445
23	U. AZ	80,160	2,656	1,247	4,476	43,414	14,283	10,279	538	3,267
24	Cornell U. all campuses	77,191	6,658	0	4,707	7,645	14,372	1,541	3,538	38,730
25	U. CA, Santa Barbara	76,923	0	11,563	7,477	1,513	31,081	2,796	22,077	416
26	U. WA	75,361	3,188	16,515	4,557	9,924	22,874	5,664	3,925	8,714
27	AZ State U. main campus	71,479	48	11,183	12,744	10,076	23,949	5,518	5,082	2,879
28	U. Dayton	65,789	5,114	1	2,803	197	3,124	12,859	39,594	2,097
29	Northwestern U.	64,791	0	9,616	6,066	2,811	9,342	5,273	15,483	16,200
30	U. CA, Davis	59,204	0	12,565	8,204	16,749	8,372	7,794	0	5,520
31	Carnegie Mellon U.	56,824	1,518	6,068	3,939	2,894	20,626	5,532	5,279	10,968
32	UT State U.	55,850	6,847	338	1,259	2,170	40,972	2,938	0	1,326
33	Princeton U.	55,548	8,108	0	9,044	4,390	12,903	0	20,796	307
34	U. MN all campuses	55,130	4,406	2,209	9,634	15,390	7,799	9,430	141	6,121
35	U. CA, Los Angeles	52,088	1,817	2,111	2,875	3,661	21,426	14,912	5,092	194

TABLE 66. R&D expenditures in engineering subfields at universities and colleges, ranked by all engineering R&D expenditures in subfields for the first 100 institutions: FY 2006

(Dollars in thousands)

Rank	Institution	All engineering R&D expenditures	Aeronautical/astronautical engineering	Bioengineering/biomedical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgical/materials engineering	Engineering, nec
36	IA State U.	51,726	6,299	0	3,313	9,952	6,580	2,891	4,976	17,715
37	U. Southern CA	49,447	3,513	9,333	2,155	3,261	24,539	361	1,659	4,626
38	U. TN all campuses	48,488	9,090	1,133	1,134	9,149	5,973	0	7,822	14,187
39	Rensselaer Polytechnic Institute	48,242	0	1,876	5,724	8,272	11,367	8,882	9,465	2,656
40	SUNY Buffalo all campuses	47,833	0	2,782	9,138	14,371	2,760	10,645	1,120	7,017
41	MS State U.	47,812	8,766	1,029	4,311	2,820	11,131	10,141	2,591	7,023
42	NM Institute of Mining and Technology	45,194	0	0	6,273	0	254	14	945	37,708
43	U. KY all campuses	44,236	0	1,461	2,771	7,210	8,160	2,643	3,160	18,831
44	Case Western Reserve U.	40,322	707	11,489	11,187	904	4,506	4,148	5,623	1,758
45	NJ Institute of Technology	39,941	0	2,397	4,751	7,184	5,174	2,415	133	17,887
46	LA State U. all campuses	39,839	0	0	3,211	9,281	2,635	5,169	8,235	11,308
47	U. DE	39,573	0	933	7,613	7,212	10,638	5,048	7,487	642
48	Columbia U. in the City of NY	37,522	0	6,225	3,732	870	3,821	2,154	704	20,016
49	CA Institute of Technology	36,864	3,401	749	5,988	1,366	6,430	4,208	5,157	9,565
50	Drexel U.	36,733	0	7,275	2,297	1,409	13,729	5,261	6,480	282
51	U. CO all campuses	36,721	13,399	1,188	6,887	6,384	4,748	3,529	0	586
52	U. South FL	35,778	0	0	2,474	17,185	8,444	5,158	0	2,517
53	U. VA all campuses	35,682	0	4,657	1,680	1,803	6,432	7,587	10,636	2,887
54	U. CA, Irvine	35,222	0	3,733	2,311	6,123	15,223	6,799	0	1,033
55	Duke U.	35,192	0	12,283	0	3,903	11,570	3,438	0	3,998
56	U. IA	34,071	0	571	2,778	11,876	1,558	5,692	0	11,596
57	U. NE all campuses	33,702	1,218	3,117	8,501	6,245	3,933	3,311	1,349	6,028
58	Vanderbilt U.	33,424	0	6,895	2,060	2,523	19,924	2,022	0	0
59	U. UT	33,209	0	4,826	5,180	10,110	3,147	3,241	5,555	1,150
60	Auburn U. all campuses	32,797	950	0	6,411	2,400	5,819	2,773	1,344	13,100
61	U. PA	32,779	0	7,506	4,744	0	5,474	3,448	7,266	4,341
62	FL State U.	32,761	0	310	536	2,308	7,661	19,261	2,383	302
63	U. CA, Santa Cruz	32,173	0	0	0	0	4,632	0	0	27,541
64	U. Central FL	28,886	1,721	9,020	0	4,547	5,690	2,344	3,997	1,567
65	U. CA, Riverside	28,721	0	0	1,895	8,385	1,837	1,869	14,735	0
66	MI State U.	28,519	0	0	9,970	4,156	6,802	4,699	0	2,892
67	U. MA Amherst	28,301	0	0	3,422	7,409	11,575	5,411	0	484
68	U. AL Huntsville, The	28,136	0	0	109	1,264	6,211	5,413	0	15,139
69	U. MO-Rolla	27,932	0	0	0	0	4,147	3,207	8,424	12,154
70	U. ND all campuses	27,784	0	0	804	210	87	190	0	26,493

TABLE 66. R&D expenditures in engineering subfields at universities and colleges, ranked by all engineering R&D expenditures in subfields for the first 100 institutions: FY 2006

(Dollars in thousands)

Rank	Institution	All engineering R&D expenditures	Aeronautical/ astronautical engineering	Bioengineering/ biomedical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgical/ materials engineering	Engineering, nec
71	U. Cincinnati all campuses	26,983	4,606	1,591	5,338	7,648	4,390	3,133	61	216
72	Northeastern U.	26,894	0	0	2,150	1,195	15,976	5,660	0	1,913
73	MI Technological U.	25,626	0	1,041	3,228	3,941	2,647	10,238	2,564	1,967
74	Rutgers, The State U. NJ all campuses	25,245	0	2,156	1,994	3,427	7,487	2,708	5,957	1,516
75	CO State U.	25,088	0	0	675	10,728	9,342	3,276	0	1,067
76	U. SC all campuses	25,085	0	0	9,780	1,424	7,955	4,510	0	1,416
77	WV U.	25,023	16	0	4,109	2,738	6,352	9,871	154	1,783
78	Boston U.	24,972	1,098	14,778	0	0	5,240	1,098	2,397	361
79	WA State U.	24,591	0	82	1,020	4,079	3,992	3,219	4,425	7,774
80	Lehigh U.	24,017	0	0	1,872	7,062	5,854	2,336	4,156	2,737
81	Old Dominion U.	23,991	6,294	273	0	350	9,789	1,271	0	6,014
82	U. Houston	23,961	1,620	0	4,720	2,948	3,977	1,790	6,910	1,996
83	OR State U.	23,907	77	7,282	450	5,459	2,244	2,102	1,001	5,292
84	SUNY Stony Brook all campuses	23,488	0	8,678	0	0	6,692	2,913	4,268	937
85	U. NH	22,967	0	0	490	6,737	11,419	1,393	2,788	140
86	Harvard U.	22,851	0	0	0	0	0	0	0	22,851
87	Rice U.	22,197	0	6,731	1,881	1,492	8,209	2,295	1,585	4
88	Wichita State U.	21,884	19,032	0	0	0	1,411	387	0	1,054
89	U. AR main campus	21,676	0	472	1,319	3,299	7,634	1,602	0	7,350
90	Woods Hole Oceanographic Institution	21,630	1,542 i	0 i	1,655 i	1,698 i	5,589 i	4,301 i	0 i	6,845 i
91	U. Pittsburgh all campuses	21,254	0	6,156	4,629	1,852	1,427	1,951	3,071	2,168
92	Brown U.	21,030	0	421	631	0	13,459	4,206	2,313	0
93	Dartmouth C.	20,807	0	0	0	786	5,943	3,698	10,380	0
94	Southern IL U. Carbondale	19,661	0	0	139	518	2,605	2,950	13,449	0
95	U. IL Chicago	19,609	0	5,554	642	2,165	4,184	6,902	0	162
96	U. OK all campuses	19,442	0	0	5,215	4,954	4,695	2,000	0	2,578
97	OK State U. all campuses	19,247	216	0	1,398	1,387	2,971	3,859	0	9,416
98	U. AK Fairbanks all campuses	19,193	0	0	852	11,276	4,491	1,157	1,417	0
99	KS State U.	18,837	0	0	3,735	2,692	949	2,573	0	8,888
100	U. TX Arlington	17,957	0	1,123	0	1,072	4,545	1,157	631	9,429
	All other sampled institutions	927,717	45,380	61,753	92,664	129,970	187,791	142,860	76,749	190,550

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$425 million in total R&D expenditures in engineering.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 67. Federally financed R&D expenditures in engineering subfields at universities and colleges, ranked by all engineering R&D expenditures in subfields for the first 100 institutions: FY 2006

(Dollars in thousands)

Rank	Institution	All engineering R&D expenditures	Aeronautical/astronautical engineering	Bioengineering/biomedical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgical/materials engineering	Engineering, nec
	All institutions	4,235,935	281,869	294,487	312,683	331,116	1,073,337	684,403	387,408	870,632
1	Johns Hopkins U., The ^a	444,407	42,469 i	17,579 i	8,688 i	9,256 i	131,782 i	89,493 i	468 i	144,672 i
2	GA Institute of Technology all campuses	180,755	31,156	12,497	6,977	6,950	75,432	31,599	7,577	8,567
3	MA Institute of Technology	164,846	17,271	30,566	13,172	6,449	21,758	14,952	13,340	47,338
4	PA State U. all campuses	149,236	4,556	2,973	8,798	5,781	47,387	36,483	42,777	481
5	Stanford U.	115,675	6,047	9,228	5,324	5,796	28,334	17,350	1,444	42,152
6	U. MI all campuses	106,816	4,530	8,589	8,255	6,305	28,202	21,278	4,707	24,950
7	U. TX Austin	93,513	8,949	3,484	6,085	2,890	30,574	10,367	13,251	17,913
8	U. Rochester	85,329	0	537	371	0	2,136	77,039	0	5,246
9	U. IL Urbana-Champaign	71,447	4,846	1,300	4,160	9,185	23,342	13,657	11,516	3,441
10	U. WI Madison	59,398	0	1,300	4,381	4,362	7,970	2,812	3,141	35,432
11	U. WA	59,319	2,611	11,195	3,979	6,623	19,750	3,765	3,376	8,020
12	U. CA, Berkeley	56,280	0	1	2,466	6,865	34,127	0	0	12,821
13	TX A&M U. all campuses	56,189	11,802	3,322	2,342	6,057	3,170	8,017	752	20,727
14	U. Dayton	54,635	4,436	0	2,643	0	2,145	10,958	32,804	1,649
15	U. MD College Park	54,277	11,457	0	1,277	5,093	16,423	9,012	4,506	6,509
16	UT State U.	51,990	6,843	338	779	979	40,080	2,576	0	395
17	VA Polytechnic Institute and State U.	50,769	3,545	449	1,948	8,110	12,960	9,253	7,102	7,402
18	U. CA, Santa Barbara	48,695	0	10,434	4,925	0	21,684	2,205	9,060	387
19	Cornell U. all campuses	47,959	4,447	0	2,189	1,830	8,090	955	1,533	28,915
20	Purdue U. all campuses	47,901	4,098	916	1,279	2,623	18,377	8,957	1,250	10,401
21	U. FL	46,049	6,460	4,168	2,913	7,759	6,550	3,946	7,026	7,227
22	NC State U.	45,609	4,745	2,175	8,223	4,108	9,176	1,956	4,885	10,341
23	OH State U. all campuses	44,879	1,741	903	4,394	2,785	6,840	14,753	11,172	2,291
24	Carnegie Mellon U.	44,793	1,518	4,606	3,260	2,710	15,339	4,486	4,505	8,369
25	Northwestern U.	44,630	0	5,643	4,460	1,920	7,373	4,281	13,373	7,580
26	U. CA, San Diego	36,983	0	7,970	0	0	18,431	3,205	0	7,377
27	Princeton U.	35,084	6,443	0	5,628	3,279	8,574	0	11,160	0
28	CA Institute of Technology	34,531	3,174	473	5,858	1,189	6,039	4,095	4,916	8,787
29	U. Southern CA	33,722	3,025	6,614	957	2,141	16,699	128	1,045	3,113
30	AZ State U. main campus	32,424	14	4,252	8,871	2,458	11,843	3,356	580	1,050
31	U. DE	31,145	0	858	5,603	5,412	9,105	3,967	6,084	116
32	MS State U.	30,992	5,780	177	3,299	1,123	7,348	6,940	1,716	4,609
33	Clemson U.	30,347	0	2,042	6,615	2,798	3,793	3,956	6,764	4,379
34	Columbia U. in the City of NY	30,308	0	4,519	3,453	644	3,008	1,992	628	16,064
35	NM Institute of Mining and Technology	30,084	0	0	3,138	0	168	0	643	26,135

TABLE 67. Federally financed R&D expenditures in engineering subfields at universities and colleges, ranked by all engineering R&D expenditures in subfields for the first 100 institutions: FY 2006

(Dollars in thousands)

Rank	Institution	All engineering R&D expenditures	Aeronautical/astronautical engineering	Bioengineering/biomedical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgical/materials engineering	Engineering, nec
36	U. VA all campuses	29,835	0	3,572	1,288	1,316	5,559	5,704	9,751	2,645
37	U. CO all campuses	29,544	11,854	864	5,081	5,336	3,236	2,636	0	537
38	U. CA, Los Angeles	29,380	1,305	948	1,424	784	11,111	11,494	2,314	0
39	NM State U. all campuses	28,366	327	0	1,997	3,353	2,131	325	2,353	17,880
40	Rensselaer Polytechnic Institute	27,750	0	1,271	4,513	3,278	7,173	6,793	4,254	468
41	U. CA, Santa Cruz	27,235	0	0	0	0	3,128	0	0	24,107
42	FL State U.	26,979	0	47	212	1,124	7,315	15,911	2,325	45
43	IA State U.	26,903	4,756	0	2,440	3,559	2,368	1,688	3,145	8,947
44	Vanderbilt U.	26,887	0	5,273	1,694	2,062	16,051	1,807	0	0
45	U. MN all campuses	26,797	3,235	1,688	3,721	6,875	3,743	4,789	0	2,746
46	U. AZ	26,188	1,798	375	2,195	6,634	7,885	4,966	414	1,921
47	Case Western Reserve U.	25,617	633	7,019	5,340	187	3,553	3,679	5,206	0
48	Drexel U.	24,716	0	4,835	1,614	658	9,675	3,630	4,304	0
49	Duke U.	23,808	0	9,150	0	1,654	7,286	1,947	0	3,771
50	SUNY Buffalo all campuses	23,497	0	2,160	3,174	5,203	866	8,762	477	2,855
51	Boston U.	22,783	1,054	13,237	0	0	5,031	1,053	2,047	361
52	U. CA, Davis	22,036	0	5,514	4,627	1,388	4,197	1,789	0	4,521
53	U. AL Huntsville, The	21,756	0	0	89	807	3,751	4,436	0	12,673
54	U. PA	20,982	0	3,903	3,664	0	4,448	2,124	5,032	1,811
55	Woods Hole Oceanographic Institution	20,572	1,466 i	0 i	1,596 i	1,617 i	5,380 i	3,988 i	0 i	6,525 i
56	U. UT	20,441	0	4,101	3,574	4,031	2,326	2,258	3,872	279
57	U. KY all campuses	19,908	0	808	1,159	5,382	4,803	977	1,423	5,356
58	Harvard U.	19,811	0	0	0	0	0	0	0	19,811
59	U. TN all campuses	19,584	2,462	465	859	2,115	3,053	0	5,094	5,536
60	NJ Institute of Technology	19,505	0	1,150	2,254	1,155	2,083	973	0	11,890
61	U. CA, Riverside	18,279	0	0	898	1,205	657	938	14,581	0
62	Auburn U. all campuses	18,192	714	0	2,558	1,326	3,040	1,301	880	8,373
63	CO State U.	17,753	0	0	601	7,339	7,813	1,300	0	700
64	U. South FL	17,460	0	0	1,053	6,626	4,903	3,801	0	1,077
65	WV U.	17,309	0	0	2,744	2,117	5,233	6,053	116	1,046
66	U. ND all campuses	17,074	0	0	426	77	58	148	0	16,365
67	Northeastern U.	16,776	0	0	1,146	649	9,937	4,219	0	825
68	Rice U.	16,751	0	5,363	1,223	926	5,669	1,994	1,576	0
69	Old Dominion U.	16,591	4,057	0	0	102	7,123	687	0	4,622
70	U. SC all campuses	16,498	0	0	5,695	941	6,656	2,738	0	468

TABLE 67. Federally financed R&D expenditures in engineering subfields at universities and colleges, ranked by all engineering R&D expenditures in subfields for the first 100 institutions: FY 2006
(Dollars in thousands)

Rank	Institution	All engineering R&D expenditures	Aeronautical/astronautical engineering	Bioengineering/biomedical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgical/materials engineering	Engineering, nec
71	OR State U.	16,314	77	5,102	440	3,617	1,324	1,117	187	4,450
72	U. MO-Rolla	16,009	0	0	0	0	2,273	1,955	5,634	6,147
73	U. NE all campuses	15,769	473	643	5,929	2,741	1,674	1,439	0	2,870
74	U. AK Fairbanks all campuses	14,979	0	0	582	8,492	3,932	1,023	950	0
75	Dartmouth C.	14,937	0	0	0	562	4,426	2,695	7,254	0
76	U. Pittsburgh all campuses	14,809	0	4,795	3,965	344	856	1,398	2,401	1,050
77	U. NH	14,648	0	0	152	5,244	5,566	1,301	2,385	0
78	FL International U.	14,167	0	49	0	316	963	1,738	0	11,101
79	Stevens Institute of Technology	14,087	0	8	1,531	13	1,141	950	168	10,276
80	U. CA, Irvine	14,037	0	2,103	1,171	2,123	5,396	3,244	0	0
81	U. IA	13,539	0	252	1,336	4,042	1,102	3,028	0	3,779
82	WA State U.	13,476	0	0	634	2,636	1,947	2,261	3,035	2,963
83	Brown U.	12,545	0	251	377	0	8,028	2,509	1,380	0
84	U. Cincinnati all campuses	12,023	1,844	1,162	2,624	4,483	1,122	784	0	4
85	U. NV, Las Vegas	11,825	0	0	0	1,607	3,768	6,415	0	35
86	OK State U. all campuses	11,764	168	0	742	724	1,538	1,241	0	7,351
87	Naval Postgraduate School	11,721	2,583	0	0	0	5,220	1,651	307	1,960
88	U. NM all campuses	11,413	493	944	1,397	1,173	3,902	764	1,496	1,244
89	MI State U.	11,287	0	0	3,718	1,060	3,027	2,583	0	899
90	U. TX Arlington	11,153	0	825	0	181	2,742	632	302	6,471
91	U. Central FL	10,955	948	5,320	0	629	2,262	798	378	620
92	Lehigh U.	10,806	0	0	871	2,399	2,590	1,493	2,371	1,082
93	MI Technological U.	10,697	0	294	1,770	1,684	1,578	4,044	678	649
94	U. AL, The	10,680	500	0	2,128	1,638	342	1,451	1,027	3,594
95	U. of Notre Dame	10,613	2,337	0	1,797	2,269	4,045	0	0	165
96	U. ID	10,570	452	0	300	2,298	3,613	2,109	581	1,217
97	Rutgers, The State U. NJ all campuses	10,479	0	284	1,136	445	4,077	1,545	2,704	288
98	U. MA Amherst	10,438	0	0	1,321	594	6,758	1,720	0	45
99	MT State U. Bozeman	10,380	0	2,799	742	3,364	1,827	582	0	1,066
100	SUNY Stony Brook all campuses	10,343	0	4,012	0	0	2,136	1,057	2,941	197
	All other sampled institutions	524,893	36,370	34,793	52,451	63,132	102,912	88,179	48,964	98,092

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$408 million in federally financed R&D expenditures in engineering.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 68. Non-science and engineering R&D expenditures at universities and colleges reporting non-S&E R&D, by highest degree granted and institutional control: FY 2006

(Dollars in thousands)

Highest degree and control of institution	Item 2A respondents (number) ^a	All R&D expenditures			Federally financed R&D expenditures		
		S&E and non-S&E R&D expenditures	Non-S&E R&D expenditures	Percent ^b	S&E and non-S&E R&D expenditures	Non-S&E R&D expenditures	Percent ^b
All institutions	605	49,058,984	1,879,573	3.8	30,383,983	773,214	2.5
Doctorate	348	48,221,852	1,664,925	3.5	29,882,306	674,942	2.3
Nondoctorate	257	837,132	214,648	25.6	501,677	98,272	19.6
Public	371	33,273,598	1,392,770	4.2	18,680,164	572,317	3.1
Private	234	15,785,386	486,803	3.1	11,703,819	200,897	1.7

S&E = science and engineering.

^a Survey item 2A collects data on R&D expenditures for non-S&E fields.

^b Percentage non-S&E R&D of total R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 69. Non-science and engineering R&D expenditures at universities and colleges reporting non-S&E R&D, by field: FY 2003–06
(Dollars in thousands)

Field	Total				Federally financed			
	2003	2004	2005	2006	2003	2004	2005	2006
All non-S&E fields	1,382,914	1,587,263	1,748,738	1,879,573	547,501	669,845	762,919	773,214
Business and management	169,871	216,260	219,717	247,500	33,328	49,846	51,777	52,599
Communications, journalism, and library science	55,378	73,424	75,326	84,670	17,114	25,385	26,308	29,773
Education	600,121	704,664	760,971	817,203	310,573	411,551	426,012	434,926
Humanities	137,890	168,281	193,416	213,690	33,389	39,595	57,826	55,550
Law	41,619	51,091	61,841	68,469	11,958	18,694	26,879	28,302
Social work	55,512	74,048	86,932	89,525	18,145	27,188	25,525	40,406
Visual and performing arts	39,143	37,734	42,107	45,934	4,137	4,357	3,999	3,548
Other non-S&E fields	241,638	238,353	308,287	312,581	97,746	87,611	144,593	128,110

S&E = science and engineering.

NOTE: Detail may not add to total because some respondents reporting non-S&E R&D expenditures did not break out total and federal funds by non-S&E fields.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	All institutions	1,587,263	1,748,738	1,879,573	247,500	84,670	817,203	213,690	68,469	89,525	45,934	312,581
1	U. WI Madison	66,247	77,623	72,892	17,501	2,662	30,120	18,869	1,173	459	84	2,024
2	Harvard U.	35,303	51,023	53,831	0	103	9,322	597	2,379	0	11	41,419
3	Purdue U. all campuses	40,195	42,852	47,468	15,925	404	8,101	2,039	0	0	120	20,879
4	U. TX Austin	38,507	42,132	45,560	4,018	4,149	22,719	352	90	3,694	236	10,302
5	OR State U.	36,915	37,689	38,087	0	87	886	0	0	0	0	37,114
6	Brown U.	19,376	24,657	37,784	20	7,506	13,810	11,961	0	0	2,876	1,611
7	U. MI all campuses	33,879	34,817	37,041	7,544	387	17,838	2,232	1,668	6,515	658	199
8	U. FL	11,603	33,487	34,258	2,237	2,667	3,597	2,144	203	0	194	23,216
9	MI State U.	22,728	28,072	30,748	3,137	1,798	18,636	1,945	0	140	159	4,933
10	U. WA	NA	NA	30,701	0	10	10,284	3,981	325	15,544	557	0
11	U. CA, Los Angeles	NA	NA	29,859	6,621	550	15,982	4,846	1,307	0	553	0
12	Northwestern U.	23,074	26,284	29,797	19,574	1,995	4,131	849	2,728	0	520	0
13	U. Southern CA	22,950	25,068	25,523	856	5,561	5,237	4,707	1,443	5,321	2,398	0
14	FL State U.	33,751	35,110	24,224	998	623	18,978	920	619	1,546	540	0
15	IN U. all campuses	17,605	9,341	23,208	5,671	4,336	6,659	37	341	153	1,778	4,233
16	MA Institute of Technology	17,970	16,265	22,595	14,866	87	5,275	1,179	0	0	208	980
17	George Washington U.	18,729	22,690	21,949	190	0	19,313	1,273	1,173	0	0	0
18	FL International U.	9,179	11,042	21,130	1,070	2,155	8,040	2,710	0	6,152	668	335
19	U. PA	22,159	22,404	20,391	2,750	2,605	11,219	390	548	2,879	0	0
20	U. CA, Santa Cruz	NA	NA	20,332	0	13	17,885	1,654	0	0	780	0
21	NY U.	0	33,816	19,858	2,840	761	7,688	818	2,466	641	176	4,468
22	U. GA	21,081	20,661	18,920	115	737	9,966	2,528	1,692	0	3,882	0
23	U. South FL	33,403	17,391	18,863	1,891	2,412	11,067	67	0	2,960	296	170
24	U. KS all campuses	13,248	18,180	18,821	321	159	16,166	1,199	38	659	279	0
25	Southern IL U. Edwardsville	20,210	19,031	18,720	1,034	159	16,102	77	0	150	335	863
26	U. IL Urbana-Champaign	27,208	24,969	18,550	1,526	2,649	5,991	2,514	490	4,147	764	469
27	VA Commonwealth U.	12,887	15,696	18,492	87	203	9,407	289	0	157	0	8,349
28	U. CA, Berkeley	NA	NA	17,802	697	49	11,546	3,176	1,929	0	405	0
29	U. MO-Columbia	10,042	13,616	15,930	287	1,832	5,056	536	49	358	20	7,792
30	TX A&M U. all campuses	13,515	14,527	15,832	4,682	116	10,687	316	31	0	0	0
31	Old Dominion U.	4,103	9,950	15,391	3,561	9	8,993	1,780	0	0	696	352
32	U. MN all campuses	8,119	12,822	15,041	329	634	7,501	1,766	976	971	474	2,390

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
33	U. Central FL	29,561	18,997	14,883	2,275	145	9,947	35	1,073	319	551	538
34	U. MD College Park	25,125	23,813	14,745	2,079	1,571	8,123	2,911	0	0	61	0
35	San Jose State U.	14,852	15,738	14,580	3,466	92	3,086	267	0	1,550	156	5,963
36	U. KY all campuses	12,860	13,247	13,688	3,670	832	4,218	526	201	502	364	3,375
37	U. NE all campuses	15,784	14,291	13,680	2,716	299	2,410	5,718	2,149	11	133	244
38	CO State U.	9,329	8,092	13,461	1,278	529	1,142	78	0	0	11	10,423
39	Stanford U.	13,368	13,147	13,067	615	721	10,964	366	194	0	0	207
40	U. Memphis, The	17,353	18,544	12,971	2,179	152	9,004	801	0	0	808	27
41	Rutgers, The State U. NJ all campuses	18,110	14,072	12,825	347	2,173	6,730	647	32	1,526	52	1,318
42	PA State U. all campuses	12,215	12,147	12,452	6,012	1,265	3,079	1,158	271	0	667	0
43	U. Louisville	8,503	11,595	12,373	556	112	2,103	156	217	904	61	8,264
44	Vanderbilt U.	4,299	6,708	12,133	24	1,307	10,056	696	0	0	8	42
45	Johns Hopkins U., The ^a	0	14,634	12,089	0	0	0	12,089	0	0	0	0
46	GA State U.	10,746	11,389	11,934	1,530	67	5,155	726	845	1,385	269	1,957
47	U. MS all campuses	8,782	9,437	11,558	11	0	297	621	1,191	0	1	9,437
48	U. WI Milwaukee	9,114	10,226	11,186	2,725	406	5,140	1,265	0	377	19	1,254
49	U. CA, Riverside	NA	NA	10,783	36	0	5,545	2,725	0	0	30	2,447
50	U. HI Hilo	6,247	7,057	10,721	0	21	5,459	0	0	89	0	5,152
51	U. TX El Paso	10,266	11,160	10,721	142	805	7,861	1,193	1	0	5	714
52	OH State U. all campuses	33,180	34,360	10,683	210	1,282	4,829	1,393	463	0	483	2,023
53	U. Cincinnati all campuses	8,874	10,077	10,665	752	100	3,332	2,571	0	198	3,712	0
54	U. AR main campus	7,745	9,836	10,338	878	129	3,938	2,205	973	405	117	1,693
55	U. CT all campuses	3,862	3,210	10,090	853	124	2,099	364	164	1,234	130	5,122
56	Polytechnic U.	8,952	9,550	9,850	0	0	9,150	700	0	0	0	0
57	U. IA	7,527	8,899	9,812	1,441	440	2,693	2,012	3,153	0	73	0
58	George Mason U.	8,553	14,743	9,787	90	1,430	2,350	888	5,029	0	0	0
59	CA State U. Northridge	17,738	12,499	9,650	2,680	20	6,257	120	0	0	53	520
60	San Diego State U.	10,672	9,712	9,621	2,615	323	2,084	2,153	0	1,613	531	302
61	LA State U. all campuses	4,413	4,908	9,492	1,168	534	780	747	1,042	92	89	5,040
62	U. OR	8,148	8,401	9,449	0	0	9,069	313	67	0	0	0
63	AZ State U. main campus	10,561	10,503	9,441	521	92	4,147	1,071	128	343	2,336	803
64	CA State U. Bakersfield	NA	8,922	9,364	62	125	6,820	496	57	1,804	0	0
65	FL Gulf Coast U.	8,072	8,982	9,200	651	2,090	5,614	0	0	30	0	815

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
66	MT State U. Bozeman	5,860	8,723	9,106	42	397	2,770	28	0	893	13	4,963
67	U. West FL	2,388	9,317	8,947	5,923	0	3,002	0	22	0	0	0
68	C. of William and Mary all campuses	8,100	7,721	8,788	287	2	7,598	253	632	0	16	0
69	U. LA Lafayette	5,858	7,519	8,119	1,823	261	3,613	1,574	0	125	720	3
70	Stevens Institute of Technology	7,340	8,062	7,752	693	0	7,059	0	0	0	0	0
71	U. AK Anchorage all campuses	NA	0	7,676	2,712	0	1,853	0	142	0	0	2,969
72	U. NC Greensboro	13,118	11,173	7,665	9	0	7,241	367	0	0	48	0
73	U. OK all campuses	5,384	8,773	7,630	293	421	3,980	493	28	0	23	2,392
74	Western MI U.	8,502	7,283	7,465	13	163	6,733	140	0	8	21	387
75	WA State U.	3,407	2,605	7,151	53	1,571	4,704	769	0	0	54	0
76	St. John's U. (Jamaica, NY)	NA	6,671	7,001	0	20	6,910	33	1	37	0	0
77	Princeton U.	10,695	10,343	6,983	0	146	493	6,055	0	0	228	61
78	SUNY Buffalo all campuses	9,563	8,063	6,848	347	208	4,153	366	43	349	0	1,382
79	U. NH	8,250	7,598	6,835	1,299	0	4,998	316	0	171	0	51
80	U. CO all campuses	9,477	6,174	6,812	1,294	145	3,663	69	15	576	0	1,050
81	Fordham U.	377	1,785	6,492	493	139	1,918	1,046	2,805	40	51	0
82	Western IL U.	8,650	7,500	6,400	400	0	6,000	0	0	0	0	0
83	MS State U.	8,208	4,787	6,202	625	268	2,142	589	0	0	160	2,418
84	Wichita State U.	14,577	20,456	6,061	780	1,134	3,973	30	0	19	33	92
85	U. CA, Irvine	NA	NA	6,028	1,254	0	353	4,054	0	0	367	0
86	Boston U.	3,492	4,678	6,017	2,149	0	348	1,084	0	2,000	0	436
87	Naval Postgraduate School	NA	2,890	5,934	4,927	0	1,007	0	0	0	0	0
88	Northeastern U.	NA	6,487	5,834	34	334	2,843	981	447	1,195	0	0
89	IA State U.	6,374	6,303	5,587	1,322	0	3,748	501	0	0	15	1
90	Case Western Reserve U.	3,272	884	5,450	243	0	0	3,063	21	2,123	0	0
91	Kent State U. all campuses	3,571	4,112	5,430	0	565	1,146	596	50	0	0	3,073
92	U. CA, Santa Barbara	NA	NA	5,428	0	82	3,631	1,100	5	0	610	0
93	U. Houston	4,730	7,205	5,322	298	0	4,427	223	321	32	0	21
94	CUNY Graduate Ctr.	4,678	3,975	5,307	0	0	1,480	3,244	0	0	0	583
95	Northeastern IL U.	2,753	5,036	5,270	0	5	4,052	10	0	1,141	45	17

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
96	Fairfield U.	4,981	5,714	5,173	1,395	119	0	1,677	0	0	403	1,579
97	Clemson U.	6,554	5,135	5,100	186	0	3,132	262	0	0	18	1,502
98	U. Pittsburgh all campuses	4,864	4,010	5,024	98	1	4,622	230	61	0	12	0
99	U. IL Chicago	4,534	4,189	5,004	941	189	3,017	779	0	0	78	0
100	Central WA U.	8,792	8,490	4,830	0	0	689	100	0	0	0	4,041
101	U. NM all campuses	NA	4,168	4,824	11	1,700	2,362	217	500	34	0	0
102	CUNY Hunter C.	3,505	4,051	4,731	0	154	2,065	755	0	1,517	240	0
103	U. NC Chapel Hill	4,046	6,951	4,719	556	1,260	2,377	452	0	0	74	0
104	Gallaudet U.	4,507	4,577	4,697	0	0	4,697	0	0	0	0	0
105	Tufts U.	4,975	5,574	4,663	0	508	1,338	2,666	121	0	30	0
106	U. VA all campuses	4,870	5,098	4,624	3	33	3,616	755	0	0	0	217
107	Ball State U.	3,250	2,880	4,553	853	2	2,306	199	0	0	0	1,193
108	GA Southern U.	2,468	3,223	4,520	238	0	4,106	8	0	163	5	0
109	Tulane U.	6,099	4,940	4,431	3,560	0	11	640	154	0	33	33
110	Northern IL U.	1,231	3,548	4,421	2,560	40	61	75	100	93	7	1,485
111	Temple U.	2,627	3,584	4,378	252	0	779	137	2,446	522	224	18
112	Wellesley C.	5,525	5,173	4,376	1,261	68	0	2	0	0	6	3,039
113	St. Joseph's U.	480	3,199	4,342	3,416	4	914	0	0	8	0	0
114	Wayne State U.	7,657	4,669	4,303	555	13	923	730	33	413	52	1,584
115	UT State U.	2,850	2,599	4,265	0	0	3,810	439	0	0	16	0
116	U. NC Charlotte	1,800	4,265	4,193	81	0	2,974	306	0	4	9	819
117	Seton Hall U.	1,602	6,713	4,151	0	0	3,636	170	150	0	0	195
118	U. MA Amherst	3,995	6,610	4,127	661	0	3,049	360	57	0	0	0
119	GA Institute of Technology all campuses	749	1,681	4,061	0	0	0	303	0	0	0	3,758
120	Brigham Young U. all campuses	3,255	3,029	4,040	436	70	1,428	1,862	10	62	172	0
121	U. Denver	4,939	4,810	4,004	0	80	208	0	2,922	794	0	0
122	U. SC all campuses	6,194	7,987	3,887	1,800	339	1,144	158	0	135	311	0
123	Emory U.	3,164	3,489	3,878	0	0	133	1,802	1,943	0	0	0
124	Syracuse U. all campuses	0	0	3,808	980	326	2,081	0	171	5	0	245
125	NM Highlands U.	4,155	4,111	3,725	0	0	3,713	0	0	12	0	0
126	SUNY C. Plattsburgh	3,726	3,931	3,681	103	15	1,854	16	0	149	0	1,544
127	Washington U. St. Louis	3,433	3,796	3,659	759	0	2,696	81	123	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
128	St. Cloud State U.	1,367	3,610	3,648	5	457	2,436	318	0	431	1	0
129	Claremont Graduate U.	3,460	3,391	3,613	539	0	1,695	566	0	0	0	813
130	VA Polytechnic Institute and State U.	2,042	2,525	3,596	376	60	1,184	0	0	0	1,042	934
131	U. of Notre Dame	4,173	4,300	3,584	372	151	0	1,405	68	0	47	1,541
132	Georgetown U.	5,067	3,350	3,577	8	0	657	2,795	117	0	0	0
133	John Carroll U.	1,819	3,474	3,568	0	0	3,568	0	0	0	0	0
134	Portland State U.	115 e	431	3,545	8	66	2,782	53	0	632	4	0
135	SUNY Albany	4,180	4,873	3,487	0	0	3,370	117	0	0	0	0
136	U. North TX	5,166	4,182	3,466	1,545	543	495	238	0	0	265	380
137	Wabash C.	2,840	3,263	3,423	0	3	0	3,420	0	0	0	0
138	Eastern KY U.	137	828	3,413	168	0	72	0	3,173	0	0	0
139	CA State U. Fullerton	2,999	3,348	3,371	1,593	509	763	50	0	368	35	53
140	Southern Methodist U.	1,697	2,600	3,348	163	0	2,303	129	654	0	0	99
141	Eastern MI U.	3,590	1,110	3,328	87	0	1,628	1,343	0	270	0	0
142	U. Chicago	2,404	2,847	3,256	725	0	0	507	0	1,728	0	296
143	KS State U.	2,088	3,428	3,214	14	278	1,615	110	0	87	26	1,084
144	U. CA, Davis	NA	NA	3,094	104	3	663	203	46	0	2,074	1
145	U. Dayton	2,424	2,733	2,990	93	0	2,447	104	0	0	346	0
146	U. Rochester	2,776	2,941	2,829	66	210	2,259	13	0	0	281	0
147	LA Tech U.	3,516	2,780	2,819	2,120	17	90	309	0	0	283	0
148	Rowan U.	2,603	2,937	2,779	25	2	2,600	109	3	0	18	22
149	Rose-Hulman Institute of Technology	2,143	1,742	2,726	0	0	2,726	0	0	0	0	0
150	Boston C.	0 e	2,144	2,650	249	0	1,560	491	258	0	20	72
151	U. AL Huntsville, The	974	2,729	2,600	2,134	2	78	267	0	0	0	119
152	Rochester Institute of Technology	1,288	3,241	2,596	93	28	2,395	71	0	1	0	8
153	FL A&M U.	13,615	2,106	2,531	490	0	2,041	0	0	0	0	0
154	U. MD Baltimore County	662	638	2,487	0	0	289	190	0	0	75	1,933
155	TX State U. San Marcos	1,320	1,635	2,462	26	0	453	198	287	0	0	1,498
156	CA State U. San Bernardino	6,212	10,307	2,394	420	195	605	0	215	196	619	144
157	U. CA, San Diego	NA	NA	2,391	2	55	289	489	0	0	1,002	554
158	Southern OR U.	0	2,286	2,323	0	633	1,671	0	0	1	0	18

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
159	U. North FL	1,861	2,188	2,303	209	0	2,093	0	0	0	1	0
160	Hofstra U.	NA	NA	2,281	0	0	2,236	43	0	0	0	2
161	U. Toledo	368	651	2,252	352	15	1,756	25	12	59	33	0
162	U. AZ	3,822	1,665	2,239	1,952	77	36	24	21	8	121	0
163	Brandeis U.	3,259	2,299	2,233	0	0	1,402	0	727	0	104	0
164	Duquesne U.	1,663	2,076	2,170	932	0	429	35	278	0	496	0
165	Bowling Green State U. all campuses	47	796	2,078	104	325	1,579	59	0	0	11	0
166	Western WA U.	1,605	2,328	2,073	447	92	737	401	0	218	150	28
167	Tarleton State U.	1,832	1,723	2,059	14	0	174	22	0	1	0	1,848
168	U. TX San Antonio	778	1,177	2,058	304	0	1,547	175	0	0	32	0
169	U. of the Pacific	229	1,146	2,048	427	243	265	169	761	52	131	0
170	Clark U.	2,318 e	1,930	2,045	0	0	2,045	0	0	0	0	0
171	VA State U.	0	177	2,031	0	0	1,459	0	0	0	0	572
172	IL Institute of Technology	1,416	2,583	2,008	41	0	837	236	894	0	0	0
173	Yale U.	836	1,188	2,005	0	0	0	802	1,203	0	0	0
174	U. DE	1,595	2,252	1,997	405	0	1,511	81	0	0	0	0
175	U. Miami	1,472	1,629	1,975	0	0	1,841	0	0	134	0	0
176	Baylor U.	1,930	2,051	1,972	73	14	88	1,169	0	426	41	161
177	Shaw U.	2,023	1,895	1,920	0	115	1,700	80	0	0	25	0
178	WV U.	2,342	1,876	1,912	2	227	196	936	3	0	35	513
179	U. MO-Rolla	5,146	2,495	1,890	1,063	1	0	1	0	0	0	825
180	Pace U. all campuses	1,896	1,669	1,886	562	0	6	262	399	0	0	657
181	U. MO-St. Louis	2,255	1,966	1,874	280	2	988	131	0	139	5	329
182	Cornell U. all campuses	1,539	2,007	1,790	468	8	0	1,238	39	0	6	31
183	U. TX-Pan American	562	1,778	1,785	17	0	1,148	129	491	0	0	0
184	U. MA Lowell	1,772	1,893	1,748	57	0	339	0	222	0	24	1,106
185	C. Charleston	595	1,458	1,735	401	63	336	891	0	0	42	2
186	CUNY Baruch C.	936	1,795	1,735	5	2	2	280	0	0	0	1,446
187	U. NV, Reno	1,365	1,727	1,726	551	18	329	601	219	8	0	0
188	Duke U.	1,123	1,606	1,703	7	0	312	741	507	122	14	0
189	Teachers C. Columbia U.	3,246	2,627	1,702	0	0	1,702	0	0	0	0	0
190	U. Southern MS	950	885	1,682	37	0	1,481	88	0	76	0	0
191	U. TN all campuses	1,920	2,672	1,643	15	0	69	776	164	213	70	336

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
192	U. NV, Las Vegas	NA	1,221	1,587	145	108	528	58	13	151	1	583
193	Cleveland State U.	1,204	6,531	1,580	233	85	681	481	13	67	20	0
194	Lehigh U.	NA	2,177	1,577	1	6	1,421	12	0	0	0	137
195	Marshall U.	1,536	1,285	1,572	515	0	501	556	0	0	0	0
196	U. MO-Kansas City	3,240	3,502	1,556	610	10	76	174	0	188	67	431
197	U. UT	1,611	1,441	1,551	810	0	304	336	7	0	94	0
198	NM State U. all campuses	949	1,023	1,537	396	4	244	844	0	0	0	49
199	FL Atlantic U.	38	409	1,497	154	9	540	287	0	0	31	476
200	TX Christian U.	1,575	1,633	1,474	4	32	1,151	26	0	140	121	0
201	MT Tech of the U. MT	838	1,053	1,471	0	0	1,123	0	0	0	0	348
202	SUNY Stony Brook all campuses	5,939	409	1,460	38	84	69	881	0	36	352	0
203	American U.	247	129	1,433	8	548	111	19	747	0	0	0
204	IL State U.	1,278	1,876	1,424	12	0	736	61	0	166	0	449
205	U. ID	1,406	2,118	1,421	0	0	329	33	0	0	0	1,059
206	U. AL Birmingham, The	796	1,304	1,405	680	0	702	23	0	0	0	0
207	Western Carolina U.	6,731	27	1,348	362	2	789	0	0	0	0	195
208	Hamilton C. (Clinton, NY)	1,188	935	1,345	0	0	643	382	0	320	0	0
209	TX Tech U.	350	1,375	1,338	0	0	1,214	21	61	0	42	0
210	Tuskegee U.	1,262	1,202	1,331	0	0	1,331	0	0	0	0	0
211	Amherst C.	779	885	1,321	0	162	0	581	0	379	176	23
212	C. NJ, The	NA	NA	1,316	95	58	400	485	0	0	278	0
213	FL Institute of Technology	37	381	1,306	1,202	0	6	17	0	0	0	81
214	West TX A&M U.	1,624	1,110	1,293	933	0	205	0	0	0	0	155
215	U. MA Boston	1,093	1,270	1,291	0	0	591	40	0	613	47	0
216	Smith C.	1,056	1,391	1,262	218	278	253	105	0	182	84	142
217	U. LA Monroe	1,879	0	1,260	0	0	1,080	162	18	0	0	0
218	U. PR Mayaguez Campus	1,700	1,300	1,257	18	0	1,117	0	0	122	0	0
219	Chapman U.	0	0	1,235	1	0	1,005	0	216	0	13	0
220	West Chester U. PA	2,830	3,244	1,224	971	10	76	146	0	21	0	0
221	U. MA Dartmouth	683	1,681	1,218	508	4	444	218	0	0	44	0
222	Calvin C.	846	1,030	1,212	0	117	253	798	0	0	44	0
223	Sam Houston State U.	NA	107	1,183	7	0	95	54	15	0	0	1,012
224	OH U. all campuses	914	1,364	1,167	53	155	52	499	0	108	300	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
225	Boise State U.	NA	6	1,149	106	0	162	0	0	0	0	881
226	Drake U.	800	1,244	1,146	37	0	570	30	482	0	6	21
227	MI Technological U.	NA	1,149	1,119	181	0	136	681	0	0	105	16
228	U. HI Manoa	NA	NA	1,059	12	0	795	230	19	0	3	0
229	Southern IL U. Carbondale	274	326	1,044	0	40	0	312	0	656	36	0
230	U. PR Rio Piedras Campus	654	886	1,014	0	0	408	359	192	0	0	55
231	TX Southern U.	560	448	995	8	0	378	0	0	0	0	609
232	Drexel U.	2,159	5,274	988	26	113	222	0	0	0	163	464
233	San Francisco State U.	NA	353	974	0	0	666	131	0	0	42	135
234	U. VT	450	586	973	230	8	716	19	0	0	0	0
235	U. AK Fairbanks all campuses	1,039	1,106	971	0	43	850	78	0	0	0	0
236	Loyola U. Chicago	1,391	1,325	942	99	0	695	27	15	106	0	0
237	U. Southern ME	NA	NA	926	0	0	926	0	0	0	0	0
238	Lewis and Clark C.	383	510	884	0	0	9	65	810	0	0	0
239	Mercyhurst C.	ne	ne	880	0	1	29	2	0	305	80	463
240	Roger Williams U. Bristol	607	630	872	0	0	458	0	414	0	0	0
241	Worcester Polytechnic Institute	52	57	862	8	6	785	63	0	0	0	0
242	Auburn U. all campuses	914	1,440	854	531	0	124	199	0	0	0	0
243	U. Tulsa	625	900	851	35	41	202	495	78	0	0	0
244	Dickinson C.	1,187	1,452	841	93	0	323	411	0	0	4	10
245	U. IL Springfield	720	920	840	120	0	260	367	0	93	0	0
246	Carnegie Mellon U.	2,623	1,947	832	0	0	0	823	0	0	9	0
247	Northeastern State U.	NA	1,143	830	7	0	177	0	194	292	0	160
248	Simmons C.	594	797	828	0	277	0	0	0	551	0	0
249	Rensselaer Polytechnic Institute	648	350	806	151	0	417	238	0	0	0	0
250	Macalester C.	761	776	794	0	0	11	594	0	0	189	0
251	Eastern WA U.	508	497	779	10	10	260	19	0	470	0	10
252	Sinte Gleska U.	ne	310	759	0	0	336	0	0	340	0	83
253	Catholic U. America, The	1,244	1,265	750	0	3	267	165	151	95	0	69
254	CO State U. Pueblo	300	0	737	32	0	447	164	0	0	0	94
255	ND State U. all campuses	297	237	727	0	174	525	28	0	0	0	0
256	U. ME	1,109	749	714	0	352	271	73	0	0	18	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
257	Wake Forest U.	NA	516	714	313	163	117	45	38	0	38	0
258	Roanoke C.	605	651	713	0	183	46	327	0	0	38	119
259	CUNY John Jay C. of Criminal Justice	698	385	705	0	0	12	47	361	48	0	237
260	CA State U. Los Angeles	166	653	704	0	84	492	80	0	46	0	2
261	Swarthmore C.	601	684	666	0	0	0	666	0	0	0	0
262	U. Northern CO	828	1,030	666	4	0	614	43	0	0	5	0
263	U. Baltimore	ne	4,689	650	350	0	120	0	180	0	0	0
264	CUNY The City C.	2,285	834	640	0	0	456	184	0	0	0	0
265	Nicholls State U.	150	643	637	0	0	637	0	0	0	0	0
266	Bryn Mawr C.	1,753	1,317	635	0	0	2	333	0	243	57	0
267	Central MI U.	295	325	631	135	10	299	117	0	0	70	0
268	DE State U.	NA	497	626	176	0	0	27	0	38	0	385
269	DePaul U.	106	496	624	78	4	18	413	83	0	28	0
270	Manhattan C.	NA	672	617	0	0	617	0	0	0	0	0
271	Air Force Institute of Technology	305	425	611	611	0	0	0	0	0	0	0
272	Marquette U.	330	278	606	11	74	12	49	217	8	0	235
273	U. NC Wilmington	481	814	603	51	0	225	0	0	327	0	0
274	Fisk U.	0	600	600	0	0	500	0	0	0	100	0
275	La Salle U.	228	ne	600	224	3	212	159	0	0	2	0
276	Pomona C.	575	277	597	0	0	0	516	0	0	81	0
277	TN State U.	441	594	597	0	0	597	0	0	0	0	0
278	CUNY Brooklyn C.	1,457	435	594	0	0	6	588	0	0	0	0
279	CA State U. Long Beach	1,309	978	558	0	0	558	0	0	0	0	0
280	U. Richmond	118	619	546	9	146	170	37	139	0	45	0
281	KY State U.	23,467	56	543	0	0	543	0	0	0	0	0
282	U. San Diego	0	239	534	30	0	41	0	128	0	0	335
283	Augsburg C.	395	247	524	0	0	86	0	0	0	0	438
284	Loyola Marymount U.	316	290	513	29	0	41	158	240	4	41	0
285	U. AL, The	295	239	513	217	20	48	57	23	121	23	4
286	CA State U. Fresno	800	22	500	384	0	0	0	0	0	0	116
287	U. Portland	260	383	498	74	1	416	0	0	7	0	0
288	U. San Francisco	372	163	490	46	0	5	23	74	0	0	342
289	Rice U.	757	667	481	142	32	59	248	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
290	East Carolina U.	515	323	478	0	78	344	0	0	4	0	52
291	Andrews U.	280	474	460	0	0	143	306	0	11	0	0
292	SUNY C. Cortland	317	428	450	0	0	450	0	0	0	0	0
293	U. West GA	450	490	450	50	0	400	0	0	0	0	0
294	Wesleyan U.	417	500	449	0	30	157	114	0	0	148	0
295	Black Hills State U.	583	2,590	447	447	0	0	0	0	0	0	0
296	U. Houston-Clear Lake	472	640	445	78	0	16	6	0	0	0	345
297	TX A&M U. Kingsville	322	499	442	0	0	42	0	0	0	0	400
298	U. MT-Missoula, The	1,078	1,110	430	38	337	5	34	0	0	16	0
299	CA State Polytechnic U. San Luis Obispo	466	280	427	76	147	204	0	0	0	0	0
300	U. South AL	NA	0	421	8	0	1	412	0	0	0	0
301	Grand Valley State U.	611	422	417	4	3	398	5	0	0	7	0
302	Bucknell U.	55	49	414	17	0	36	9	0	4	19	329
303	TN Technological U.	221	440	411	16	0	312	65	0	0	0	18
304	U. CA, Merced	na	NA	404	0	0	0	0	0	0	31	373
305	Radford U.	15	ne	401	45	0	315	8	0	0	0	33
306	Middle TN State U.	285	467	392	41	113	0	185	0	0	48	5
307	Western KY U.	190	226	389	0	2	173	83	0	0	0	131
308	Oakland U.	205	149	385	207	19	138	0	0	0	14	7
309	U. WI Whitewater	197	331	384	379	0	0	2	0	0	3	0
310	ID State U.	358	437	365	359	0	6	0	0	0	0	0
311	Carleton C.	214	465	363	0	0	0	363	0	0	0	0
312	Pacific U.	NA	1,242	361	0	0	361	0	0	0	0	0
313	Truman State U.	NA	0	359	0	0	359	0	0	0	0	0
314	Howard U.	135	304	352	8	0	248	5	0	91	0	0
315	U. Northern IA	1,515	1,509	344	0	0	343	0	0	0	0	1
316	OR Institute of Technology	128	403	343	82	48	213	0	0	0	0	0
317	CUNY Herbert H. Lehman C.	118	90	334	0	4	188	126	0	0	7	9
318	SUNY Binghamton	296	150	331	0	0	0	223	0	0	0	108
319	Kennesaw State U.	274	236	329	0	0	37	128	0	164	0	0
320	Providence C.	0	436	301	0	0	298	0	0	3	0	0
321	U. WI Oshkosh	624	527	298	205	0	77	16	0	0	0	0
322	MT State U. Billings	ne	NA	295	277	0	5	7	0	0	6	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
323	MN State U. Mankato	NA	18	294	0	0	0	31	0	0	4	259
324	Morehouse C.	NA	553	293	59	39	48	17	0	0	0	130
325	U. WY	NA	293	293	0	0	32	24	0	0	17	220
326	U. SD	1	238	279	0	9	29	10	194	0	37	0
327	U. WI Green Bay	48	199	276	273	0	3	0	0	0	0	0
328	Willamette U.	541	419	272	22	0	47	18	185	0	0	0
329	Appalachian State U.	329	386	264	70	0	79	89	0	0	26	0
330	Davidson C.	ne	NA	264	0	0	0	256	0	0	8	0
331	Saginaw Valley State U.	173	227	263	3	2	51	2	0	2	1	202
332	Northern AZ U.	842	177	260	3	0	147	69	0	14	27	0
333	TX A&M U. Commerce	354	448	260	0	0	245	15	0	0	0	0
334	Lawrence Technological U.	333	116	256	4	0	106	0	0	0	0	146
335	U.S. Naval Academy	332	224	252	0	0	0	252	0	0	0	0
336	NC Agricultural and Technical State U.	9	57	250	172	0	78	0	0	0	0	0
337	East TN State U.	241	252	245	200	10	18	7	0	0	10	0
338	Kalamazoo C.	NA	62	240	0	0	0	185	0	0	55	0
339	U. Akron all campuses	508	1,009	235	0	0	158	62	0	0	15	0
340	U. ND all campuses	269	226	227	132	28	18	15	0	34	0	0
341	U. WI La Crosse	1,465	263	224	182	4	1	6	0	0	1	30
342	Colgate U.	NA	NA	223	0	0	26	178	0	0	19	0
343	U. WI Parkside	218	172	223	220	0	0	0	0	0	0	3
344	U. CA Office of the President	NA	NA	222	0	0	0	222	0	0	0	0
345	Mt. Holyoke C.	397	384	221	0	41	76	84	0	0	20	0
346	SD State U.	28	347	221	0	221	0	0	0	0	0	0
347	Grinnell C.	674	52	213	0	0	15	198	0	0	0	0
348	Coastal Carolina U.	71	162	207	114	0	0	93	0	0	0	0
349	Northern KY U.	109	151	207	35	13	15	17	0	113	14	0
350	Franklin & Marshall C.	144	198	198	0	0	0	127	0	0	65	6
351	Southwest MO State U.	1,742	171	197	22	10	102	30	0	0	33	0
352	Ursinus C.	ne	ne	195	0	0	9	173	0	0	13	0
353	Lafayette C.	384	108	187	40	3	17	111	2	0	14	0
354	Benedict C.	0	0	184	0	0	184	0	0	0	0	0
355	IL Wesleyan U.	ne	54	183	35	0	8	49	0	50	41	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
356	TX A&M U. Corpus Christi	972	2,080	173	13	0	80	45	0	0	0	35
357	Bowdoin C.	50	72	165	0	0	33	118	0	0	14	0
358	Berry C.	ne	ne	162	127	0	35	0	0	0	0	0
359	Norfolk State U.	113	28	161	0	0	0	22	0	139	0	0
360	Lake Forest C.	239	153	160	0	0	2	158	0	0	0	0
361	Augustana C. (Rock Island, IL)	28	91	159	0	0	0	0	0	0	0	159
362	Xavier U. LA	0	NA	157	150	0	0	0	0	7	0	0
363	U. MD Eastern Shore	167	NA	155	0	0	0	155	0	0	0	0
364	Colby C.	208	215	153	0	6	0	134	0	0	13	0
365	U. WI Eau Claire	83	99	150	92	0	1	57	0	0	0	0
366	Bates C.	NA	205	148	0	0	0	148	0	0	0	0
367	SUNY C. Geneseo	137	242	145	13	4	33	87	0	0	8	0
368	Grambling State U.	0	465	144	0	0	139	0	0	0	5	0
369	U. NC Asheville	363	591	141	0	7	54	0	0	0	0	80
370	U. TX Arlington	372	184	141	0	0	66	75	0	0	0	0
371	IN State U. all campuses	234	121	131	0	0	32	98	0	0	0	1
372	U. Detroit Mercy	20 e	NA	122	122	0	0	0	0	0	0	0
373	U. TX Tyler	ne	62	119	5	0	61	0	0	0	0	53
374	Indiana U. PA all campuses	NA	517	117	0	28	23	14	0	0	2	50
375	Governors State U.	ne	238	115	0	0	115	0	0	0	0	0
376	St. Louis U. all campuses	74 e	0	115	0	0	4	111	0	0	0	0
377	U. WI Stout	200	179	115	0	0	6	0	0	0	0	109
378	Central CT State U.	31	109	114	76	0	15	23	0	0	0	0
379	Hampton U.	0	155	114	0	0	0	0	0	0	0	114
380	Muhlenberg C.	ne	0	111	0	0	0	111	0	0	0	0
381	CUNY C. Staten Island	115	105	109	0	15	8	76	0	0	10	0
382	Spelman C.	77	103	107	0	0	0	107	0	0	0	0
383	Loyola U. New Orleans	ne	64	105	35	0	6	57	0	0	7	0
384	TX Woman's U.	113	56	104	11	0	28	2	0	5	20	38
385	CUNY York C.	37	39	100	0	0	3	13	0	0	0	84
386	Mercer U. all campuses	0	0	93	93	0	0	0	0	0	0	0
387	Southeastern LA U.	0	29	92	4	1	26	0	0	0	61	0
388	CUNY Medgar Evers C.	128	135	89	0	0	0	0	89	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
389	U. AK Southeast all campuses	NA	0	88	0	0	0	0	6	0	0	82
390	CA Institute of Technology	0	0	85	0	0	0	85	0	0	0	0
391	U. of St. Thomas (St. Paul, MN)	250	192	84	18	24	10	32	0	0	0	0
392	Sonoma State U.	0	16	82	6	1	16	18	0	0	0	41
393	U. Puget Sound	186	122	82	2	7	10	54	0	0	9	0
394	Rhodes C.	ne	59	78	0	0	0	70	0	0	8	0
395	Prairie View A&M U.	205	279	77	4	0	71	2	0	0	0	0
396	VA Military Institute	23	76	77	1	0	0	76	0	0	0	0
397	CA State U. East Bay	NA	33	75	15	0	0	27	4	23	0	6
398	Jarvis Christian C.	70	ne	75	10	25	30	5	0	0	5	0
399	SUNY C. Old Westbury	0	47	73	0	0	0	0	0	0	0	73
400	Gettysburg C.	ne	88	70	3	4	0	34	0	0	29	0
401	Bridgewater State C.	11	99	66	11	9	16	17	0	0	13	0
402	CA State U. Dominguez Hills	11,926	6,233	66	5	0	3	11	0	0	47	0
403	U. of the South	ne	0	66	0	0	0	64	0	0	2	0
404	Canisius C.	ne	NA	63	0	0	63	0	0	0	0	0
405	Vassar C.	NA	NA	56	0	0	0	5	51	0	0	0
406	Stephen F. Austin State U.	445	686	54	0	0	54	0	0	0	0	0
407	Dartmouth C.	242	13	52	0	44	0	0	0	0	8	0
408	McNeese State U.	NA	67	49	49	0	0	0	0	0	0	0
409	SUNY Fredonia	59	59	45	0	0	45	0	0	0	0	0
410	Washington and Lee U.	ne	64	45	15	0	0	30	0	0	0	0
411	Lawrence U.	ne	ne	43	0	0	22	0	0	0	21	0
412	Abilene Christian U.	9	40	40	7	3	4	22	0	0	4	0
413	U. WI Stevens Point	124	68	40	10	5	2	14	0	0	2	7
414	Wright State U. all campuses	161	81	38	5	0	13	20	0	0	0	0
415	Morehead State U.	57	12	37	0	0	22	15	0	0	0	0
416	Alfred U. all campuses	552	312	36	0	16	0	0	0	0	20	0
417	Kansas City U. of Medicine and Biosciences	12	43	35	0	0	35	0	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
418	Long Island U. all campuses	NA	0	34	0	3	20	0	0	0	11	0
419	Clarkson U.	166	NA	33	11	19	0	3	0	0	0	0
420	Gustavus Adolphus C.	32	36	33	0	0	0	25	0	0	8	0
421	U. Scranton	78	57	33	0	0	2	31	0	0	0	0
422	Ithaca C.	44	33	32	6	23	0	3	0	0	0	0
423	CUNY Queens C.	164	752	30	0	0	28	2	0	0	0	0
424	Denison U.	0	NA	30	0	4	0	9	0	0	1	16
425	Heritage U. (Toppenish, WA)	ne	19	29	0	0	29	0	0	0	0	0
426	AR State U. main campus	9	35	27	0	0	0	27	0	0	0	0
427	C. of the Holy Cross	9	6	27	0	0	0	27	0	0	0	0
428	Trinity U.	0	32	26	0	0	0	26	0	0	0	0
429	Monmouth U.	ne	0	23	0	0	0	0	0	0	0	23
430	Eastern OR U.	142	NA	21	0	0	21	0	0	0	0	0
431	Trinity C. (Hartford, CT)	32	29	20	0	0	1	8	0	0	11	0
432	U. PR Humacao	0	11	20	0	0	0	20	0	0	0	0
433	CT C.	NA	103	19	0	0	0	0	0	0	0	19
434	Allegheny C.	37	26	17	0	0	0	10	0	0	7	0
435	Towson U.	12	5	16	3	0	13	0	0	0	0	0
436	Murray State U.	19	23	15	2	1	0	1	0	0	5	6
437	Elizabeth City State U.	26	18	14	0	0	0	12	2	0	0	0
438	Pittsburg State U.	15	25	13	0	0	13	0	0	0	0	0
439	U.S. Coast Guard Academy	0	0	11	11	0	0	0	0	0	0	0
440	SUNY C. Oswego	NA	NA	10	0	0	10	0	0	0	0	0
441	Bradley U.	18	7	8	0	0	4	0	0	0	4	0
442	Pitzer C.	0	8	7	0	0	0	7	0	0	0	0
443	Jacksonville State U.	ne	21	6	0	0	0	0	6	0	0	0
444	U. Redlands	48	1,178	6	0	0	0	6	0	0	0	0
445	Youngstown State U.	20	4	6	0	0	1	1	0	0	3	1
446	St. Olaf C.	0	0	5	0	0	0	5	0	0	0	0
447	Whitman C.	125	0	5	0	0	0	5	0	0	0	0
448	Fitchburg State C.	ne	4	4	0	0	4	0	0	0	0	0
449	Southeast MO State U.	ne	9	4	0	0	1	3	0	0	0	0
450	U. WI River Falls	4	8	4	0	0	1	3	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
451	James Madison U.	53	22	3	0	0	3	0	0	0	0	0
452	U. WI Superior	20	14	3	0	0	2	1	0	0	0	0
453	Columbia U. in the City of NY	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
	AL A&M U.	1	0	0	0	0	0	0	0	0	0	0
	AL State U.	0	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
	Albany Medical C.	0	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	NA	0	0	0	0	0	0	0	0	0
	Alcorn State U.	0	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Sioux Falls, SD)	0	0	0	0	0	0	0	0	0	0	0
	Barnard C.	4 e	91	0	0	0	0	0	0	0	0	0
	Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0	0
	Bowie State U.	0	141	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. Monterey Bay	390	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	ne	ne	0	0	0	0	0	0	0	0	0
	Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	ne	ne	0	0	0	0	0	0	0	0	0
	Chicago State U.	NA	0	0	0	0	0	0	0	0	0	0
	Christopher Newport U.	62	0	0	0	0	0	0	0	0	0	0
	Claffin U.	0	0	0	0	0	0	0	0	0	0	0
	Clark Atlanta U.	14	33	0	0	0	0	0	0	0	0	0
	CO School of Mines	0	0	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	NA	0	0	0	0	0	0	0	0	0
	Desert Research Institute	0	0	0	0	0	0	0	0	0	0	0
	Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0	0
	Evergreen State C.	0	NA	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	9,420	7,688	0	0	0	0	0	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Ft. Lewis C.	0	0	0	0	0	0	0	0	0	0	0
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
	Furman U.	0	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	137	0	0	0	0	0	0	0	0	0	0
	Harvey Mudd C.	NA	114	0	0	0	0	0	0	0	0	0
	Hendrix C.	11	74	0	0	0	0	0	0	0	0	0
	Hope C.	0	0	0	0	0	0	0	0	0	0	0
	Humboldt State U.	NA	NA	0	0	0	0	0	0	0	0	0
	Jackson State U.	0	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	ne	ne	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	ne	ne	0	0	0	0	0	0	0	0	0
	Juniata 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
	King's C. (Wilkes-Barre, PA)	ne	ne	0	0	0	0	0	0	0	0	0
	Lamar U.	23	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Lincoln University, PA)	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
	Maharishi U. of Management	308 e	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	ne	0	0	0	0	0	0	0	0	0	0
	Medical C. GA	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
	Medical U. OH	0	0	0	0	0	0	0	0	0	0	0
	Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
	Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
	Mercy C.	ne	ne	0	0	0	0	0	0	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	ne	NA	0	0	0	0	0	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
	MS Valley State U.	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
	Morgan State U.	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
	Mt. St. Mary's C. (Los Angeles, CA)	0	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	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
	NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
	NM Institute of Mining and Technology	0	NA	0	0	0	0	0	0	0	0	0
	New School, The	NA	0	0	0	0	0	0	0	0	0	0
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0	0
	NC Central U.	NA	NA	0	0	0	0	0	0	0	0	0
	NC State U.	NA	NA	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
	Northwestern Health Sciences U.	ne	ne	0	0	0	0	0	0	0	0	0
	Northwestern State U.	ne	ne	0	0	0	0	0	0	0	0	0
	Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0
	Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
	OH Wesleyan U.	NA	0	0	0	0	0	0	0	0	0	0
	OK State U. all campuses	44	38	0	0	0	0	0	0	0	0	0
	PA C. of Optometry Philadelphia C. of	0	0	0	0	0	0	0	0	0	0	0
	Osteopathic Medicine Philadelphia U.	0	0	0	0	0	0	0	0	0	0	0
	Philadelphia U.	ne	NA	0	0	0	0	0	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Point Loma Nazarene C.	ne	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
	Reed C.	0	0	0	0	0	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0	0	0	0	0	0
	Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0
	Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
	Rush U.	0	0	0	0	0	0	0	0	0	0	0
	Sarah Lawrence C.	ne	ne	0	0	0	0	0	0	0	0	0
	Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
	SC State U.	0	0	0	0	0	0	0	0	0	0	0
	SD School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0
	Southeastern OK State U.	52	0	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0	0
	St. Francis U. (Loretto, PA)	ne	0	0	0	0	0	0	0	0	0	0
	St. Mary's C. MD	169	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	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
	SUNY C. Brockport	0	0	0	0	0	0	0	0	0	0	0
	SUNY C. Buffalo	465	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 Health Science Ctr. Brooklyn	NA	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
	TX A&M U. System Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
	TX Tech U. Health Science Ctr.	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
	Tougaloo C.	NA	NA	0	0	0	0	0	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Troy U. main campus	ne	ne	0	0	0	0	0	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0	0
	U.S. Air Force Academy	1,424	677	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
	U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
	U. AR Pine Bluff	736	645	0	0	0	0	0	0	0	0	0
	U. CA, San Francisco	NA	NA	0	0	0	0	0	0	0	0	0
	U. Central OK	NA	0	0	0	0	0	0	0	0	0	0
	U. GU	0	NA	0	0	0	0	0	0	0	0	0
	U. Hartford	NA	0	0	0	0	0	0	0	0	0	0
	U. Houston-Downtown	42	124	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 Biotechnology Institute	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. MA Worcester	0	0	0	0	0	0	0	0	0	0	0
	U. of Medicine and Dentistry NJ	0	0	0	0	0	0	0	0	0	0	0
	U. New England	ne	ne	0	0	0	0	0	0	0	0	0
	U. NC Pembroke	ne	ne	0	0	0	0	0	0	0	0	0
	U. North TX Health Science Ctr. Ft. Worth	0	0	0	0	0	0	0	0	0	0	0
	U. TX Dallas	NA	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. Houston	0	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0	0
	U. TX M. D. Anderson Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
	U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
	U. TX Southwestern Medical Ctr. Dallas	0	0	0	0	0	0	0	0	0	0	0

TABLE 70. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	ne	0	0	0	0	0	0	0	0	0	0
	Valparaiso U.	0	0	0	0	0	0	0	0	0	0	0
	West Liberty State C.	ne	ne	0	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	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
	Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
	Wilkes U.	0	ne	0	0	0	0	0	0	0	0	0
	Woods Hole Oceanographic Institution	0	0	0	0	0	0	0	0	0	0	0
	Yeshiva U.	0	NA	0	0	0	0	0	0	0	0	0
	All other sampled institutions	20,695	8,190	0	0	0	0	0	0	0	0	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; na = not applicable; institution did not exist or did not exist as a separate entity; NA = not available; institution was unable to provide these data; ne = not eligible; institution did not meet the criteria for inclusion.

S&E = science and engineering.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in total non-S&E R&D expenditures.

NOTES: Institutions not listed in this table did not provide non-S&E R&D expenditures by non-S&E field. Institutions that reported amounts of zero or more are included. Detail may not add to total because some respondents reporting non-S&E R&D expenditures did not break out total and federal funds by non-S&E field. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	All institutions	669,845	762,919	773,214	52,599	29,773	434,926	55,550	28,302	40,406	3,548	128,110
1	Harvard U.	17,255	35,935	39,607	0	0	6,062	27	65	0	0	33,453
2	U. WA	NA	NA	23,986	0	10	7,558	2,705	117	13,537	59	0
3	U. TX Austin	13,733	15,084	21,685	706	992	14,976	51	0	933	24	4,003
4	U. WI Madison	25,080	25,935	21,310	960	272	17,883	1,537	42	174	0	442
5	U. MI all campuses	13,603	16,969	17,865	1,022	0	13,107	105	1	3,630	0	0
6	OR State U.	14,646	18,293	16,742	0	86	866	0	0	0	0	15,790
7	George Washington U.	13,573	15,001	16,628	9	0	14,879	1,084	656	0	0	0
8	VA Commonwealth U.	10,349	12,410	14,583	64	142	8,403	0	0	0	0	5,974
9	Southern IL U. Edwardsville	17,777	14,731	14,530	363	118	13,625	0	0	147	269	8
10	Purdue U. all campuses	7,304	12,517	12,920	1,575	161	4,414	194	0	0	0	6,576
11	MI State U.	10,325	12,726	12,476	795	1,256	9,180	70	0	76	0	1,099
12	FL International U.	6,921	7,390	12,264	711	2,044	3,657	1,292	0	4,328	119	113
13	Johns Hopkins U., The ^a	0	14,467	11,761	0	0	0	11,761	0	0	0	0
14	U. KS all campuses	7,721	11,503	11,658	0	0	11,245	207	0	165	41	0
15	FL State U.	16,031	13,854	11,586	63	302	10,259	116	148	675	23	0
16	CO State U.	7,564	5,417	10,982	1,017	525	940	61	0	0	0	8,439
17	U. PA	7,845	10,561	10,129	391	2,207	6,397	249	0	885	0	0
18	U. HI Hilo	5,288	5,395	9,284	0	0	4,398	0	0	7	0	4,879
19	George Mason U.	5,910	11,429	9,215	68	1,430	2,289	548	4,880	0	0	0
20	U. CA, Los Angeles	NA	NA	8,753	172	294	8,155	107	13	0	12	0
21	U. Southern CA	7,298	8,371	8,588	568	2,825	1,515	415	123	2,588	554	0
22	U. OR	6,996	7,056	8,352	0	0	8,131	176	45	0	0	0
23	NY U.	0	32,483	8,345	145	205	2,033	185	1,528	468	141	3,640
24	U. MO-Columbia	4,113	8,757	8,264	15	861	2,926	0	42	96	0	4,324
25	Vanderbilt U.	2,906	4,958	8,174	16	1,244	6,738	176	0	0	0	0
26	San Jose State U.	7,883	8,376	8,086	2,563	0	2,857	86	0	0	63	2,517
27	U. MD College Park	16,544	18,457	8,033	1,504	391	5,252	874	0	0	12	0
28	MT State U. Bozeman	5,138	7,220	7,993	42	348	2,584	28	0	866	13	4,112
29	TX A&M U. all campuses	4,969	6,744	7,955	79	54	7,768	54	0	0	0	0
30	U. TX El Paso	8,823	8,663	7,513	0	0	7,003	482	0	0	0	28
31	U. NC Greensboro	12,222	10,649	7,006	0	0	6,737	269	0	0	0	0
32	U. West FL	1,598	6,927	6,859	5,479	0	1,358	0	22	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
33	Western MI U.	6,546	6,564	6,200	8	130	5,585	105	0	0	0	372
34	C. of William and Mary all campuses	5,006	4,914	6,053	2	0	5,393	216	442	0	0	0
35	U. FL	4,749	6,552	6,028	196	177	2,345	678	45	0	6	2,581
36	FL Gulf Coast U.	3,518	5,219	5,890	358	61	4,836	0	0	0	0	635
37	U. IA	4,113	4,765	5,445	162	0	1,491	1,143	2,649	0	0	0
38	Old Dominion U.	241	199	5,363	0	0	5,201	0	0	0	0	162
39	MA Institute of Technology	5,852	5,510	5,109	1,433	87	2,937	178	0	0	27	447
40	Naval Postgraduate School	NA	2,170	5,108	4,103	0	1,005	0	0	0	0	0
41	Western IL U.	5,572	4,900	5,100	100	0	5,000	0	0	0	0	0
42	U. CO all campuses	6,722	5,767	5,022	302	91	3,549	69	0	23	0	988
43	U. WI Milwaukee	3,296	4,354	4,783	94	0	4,217	21	0	326	0	125
44	U. NH	5,789	6,114	4,749	723	0	3,719	218	0	38	0	51
45	IN U. all campuses	2,136	3,095	4,626	148	1,604	1,960	0	0	0	410	504
46	U. VA all campuses	4,127	5,090	4,607	3	33	3,599	755	0	0	0	217
47	Northwestern U.	3,387	4,166	4,492	933	704	2,778	39	0	0	38	0
48	U. CA, Berkeley	NA	NA	4,412	0	1	4,324	10	77	0	0	0
49	U. MS all campuses	4,113	4,392	4,311	0	0	127	604	808	0	0	2,772
50	U. IL Urbana-Champaign	6,350	6,957	4,232	156	810	2,721	116	244	74	0	111
51	Wichita State U.	6,498	10,448	4,194	269	177	3,713	5	0	0	1	29
52	Case Western Reserve U.	864	612	4,189	147	0	0	2,830	8	1,204	0	0
53	U. CA, Riverside	NA	NA	4,186	0	0	3,708	424	0	0	0	54
54	U. KY all campuses	6,392	8,262	4,128	544	388	1,941	80	0	8	0	1,167
55	U. Houston	2,888	4,151	4,054	132	0	3,895	27	0	0	0	0
56	Polytechnic U.	4,367	4,306	4,000	0	0	4,000	0	0	0	0	0
57	Central WA U.	4,205	3,865	3,991	0	0	147	45	0	0	0	3,799
58	GA Southern U.	2,005	2,830	3,962	145	0	3,659	6	0	152	0	0
59	U. Pittsburgh all campuses	4,423	3,168	3,941	22	0	3,719	200	0	0	0	0
60	U. GA	5,752	5,112	3,792	0	16	3,765	0	0	0	11	0
61	CA State U. Northridge	10,693	6,316	3,766	80	0	3,249	100	0	0	0	337
62	OH State U. all campuses	16,874	16,202	3,692	20	847	1,567	542	295	0	37	384
63	Temple U.	1,601	1,857	3,663	242	0	604	0	2,311	506	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
64	U. South FL	14,716	471	3,587	990	632	1,434	0	0	379	0	152
65	GA State U.	3,635	3,666	3,574	155	28	2,688	44	0	419	30	210
66	U. MN all campuses	2,409	2,910	3,508	0	0	2,619	66	191	34	34	564
67	WA State U.	2,602	953	3,455	0	73	3,061	321	0	0	0	0
68	Portland State U.	68 e	297	3,439	0	66	2,736	12	0	625	0	0
69	AZ State U. main campus	1,541	2,518	3,431	222	63	2,645	288	79	0	112	22
70	U. Central FL	656	1,582	3,310	552	138	1,681	0	216	0	410	313
71	Brigham Young U. all campuses	2,751	2,608	3,298	436	68	1,181	1,457	10	62	84	0
72	Washington U. St. Louis	2,483	2,665	3,258	468	0	2,690	0	100	0	0	0
73	U. Denver	4,326	4,078	3,229	0	0	106	0	2,922	201	0	0
74	Boston U.	2,048	2,636	3,166	751	0	272	1,084	0	831	0	228
75	Eastern KY U.	0	721	3,068	132	0	10	0	2,926	0	0	0
76	U. Chicago	2,364	2,763	2,971	718	0	0	281	0	1,676	0	296
77	IA State U.	3,505	3,426	2,869	261	0	2,552	56	0	0	0	0
78	Kent State U. all campuses	3,075	3,176	2,855	0	379	795	502	47	0	0	1,132
79	U. Memphis, The	2,444	1,989	2,843	440	0	2,355	48	0	0	0	0
80	Eastern MI U.	2,710	522	2,826	0	0	1,568	1,205	0	53	0	0
81	SUNY Albany	3,445	4,270	2,753	0	0	2,751	2	0	0	0	0
82	Stevens Institute of Technology	3,291	3,448	2,722	86	0	2,636	0	0	0	0	0
83	CA State U. Fullerton	2,844	2,658	2,704	1,575	480	618	0	0	0	0	31
84	Tufts U.	1,767	2,428	2,670	0	141	1,338	1,182	2	0	7	0
85	Georgetown U.	2,731	2,176	2,633	5	0	37	2,591	0	0	0	0
86	St. John's U. (Jamaica, NY)	NA	2,457	2,578	0	0	2,578	0	0	0	0	0
87	SUNY Buffalo all campuses	3,742	3,082	2,516	85	138	1,909	0	0	118	0	266
88	U. NM all campuses	NA	1,851	2,481	3	143	2,283	5	47	0	0	0
89	U. AR main campus	1,336	2,140	2,431	289	4	381	1,037	535	173	0	12
90	CA State U. Bakersfield	NA	4,605	2,427	0	0	2,427	0	0	0	0	0
91	San Diego State U.	2,174	748	2,419	545	150	858	1	0	565	0	300
92	Northeastern U.	NA	2,223	2,413	33	120	1,031	926	286	17	0	0
93	Southern Methodist U.	759	1,568	2,402	0	0	1,748	0	654	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
94	U. NC Charlotte	1,264	2,378	2,367	0	0	2,335	32	0	0	0	0
95	Rutgers, The State U. NJ all campuses	4,041	2,630	2,325	0	1,057	1,123	105	0	30	10	0
96	SUNY C. Plattsburgh	1,514	2,222	2,271	70	0	1,590	8	0	0	0	603
97	U. OK all campuses	1,085	2,785	2,265	98	115	1,476	80	0	0	18	478
98	Stanford U.	3,703	2,925	2,247	84	42	1,901	99	7	0	0	114
99	Hofstra U.	NA	NA	2,235	0	0	2,235	0	0	0	0	0
100	U. CT all campuses	2,022	1,601	2,077	443	63	1,364	66	126	0	0	15
101	U. Rochester	1,501	1,862	2,023	66	0	1,921	3	0	0	33	0
102	PA State U. all campuses	2,833	1,911	1,953	546	931	175	301	0	0	0	0
103	Shaw U.	1,515	1,475	1,920	0	115	1,700	80	0	0	25	0
104	U. AK Anchorage all campuses	NA	0	1,892	149	0	1,678	0	65	0	0	0
105	Seton Hall U.	0	56	1,878	0	0	1,670	13	0	0	0	195
106	U. Dayton	1,468	1,502	1,803	0	0	1,520	21	0	0	262	0
107	VA State U.	0	0	1,797	0	0	1,442	0	0	0	0	355
108	Fairfield U.	1,740	2,432	1,772	0	0	0	78	0	0	129	1,565
109	U. IL Chicago	1,846	1,891	1,764	106	110	1,523	25	0	0	0	0
110	U. AL Huntsville, The	285	1,393	1,729	1,677	0	52	0	0	0	0	0
111	Ball State U.	2,736	1,797	1,646	637	0	778	159	0	0	0	72
112	U. Southern MS	693	859	1,598	30	0	1,480	88	0	0	0	0
113	U. MA Amherst	2,208	1,847	1,578	458	0	876	207	37	0	0	0
114	U. CA, Santa Barbara	NA	NA	1,517	0	52	1,076	258	0	0	131	0
115	U. Miami	1,091	1,355	1,484	0	0	1,484	0	0	0	0	0
116	Southern OR U.	0	863	1,479	0	20	1,459	0	0	0	0	0
117	Yale U.	525	516	1,469	0	0	0	557	912	0	0	0
118	U. Louisville	918	1,109	1,439	0	0	361	0	5	589	2	482
119	U. DE	923	1,642	1,426	102	0	1,243	81	0	0	0	0
120	Lehigh U.	NA	1,871	1,400	0	6	1,394	0	0	0	0	0
121	U. North FL	0	1,304	1,397	14	0	1,383	0	0	0	0	0
122	GA Institute of Technology all campuses	283	492	1,388	0	0	0	17	0	0	0	1,371
123	Syracuse U. all campuses	0	0	1,381	0	0	1,158	0	163	1	0	59
124	U. MO-Rolla	12	78	1,371	993	0	0	0	0	0	0	378

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
125	UT State U.	723	907	1,335	0	0	1,335	0	0	0	0	0
126	U. ID	718	1,791	1,317	0	0	328	0	0	0	0	989
127	U. AL Birmingham, The	480	1,304	1,297	680	0	594	23	0	0	0	0
128	Tuskegee U.	1,185	1,128	1,285	0	0	1,285	0	0	0	0	0
129	Rowan U.	649	1,144	1,262	14	0	1,174	74	0	0	0	0
130	St. Cloud State U.	717	1,454	1,250	0	197	748	0	0	305	0	0
131	John Carroll U.	1,819	1,186	1,235	0	0	1,235	0	0	0	0	0
132	U. of the Pacific	72	270	1,210	390	243	10	0	504	52	11	0
133	FL Institute of Technology	17	243	1,200	1,200	0	0	0	0	0	0	0
134	U. TX San Antonio	61	251	1,186	210	0	872	104	0	0	0	0
135	VA Polytechnic Institute and State U.	870	779	1,135	327	26	290	0	0	0	0	492
136	U. Toledo	146	159	1,115	73	0	1,042	0	0	0	0	0
137	U. TX-Pan American	88	771	1,099	0	0	608	0	491	0	0	0
138	CUNY Graduate Ctr.	1,971	2,111	1,097	0	0	279	818	0	0	0	0
139	U. AZ	176	96	1,088	1,073	0	0	7	0	8	0	0
140	Cornell U. all campuses	978	1,334	1,087	402	0	0	646	39	0	0	0
141	U. SC all campuses	3,749	3,012	1,072	0	171	744	73	0	84	0	0
142	Chapman U.	0	0	1,063	0	0	847	0	216	0	0	0
143	TX Christian U.	1,099	1,004	1,024	1	0	987	15	0	21	0	0
144	U. LA Monroe	1,241	0	1,008	0	0	828	162	18	0	0	0
145	U. PR Mayaguez Campus	1,221	1,240	1,000	0	0	1,000	0	0	0	0	0
146	MT Tech of the U. MT	798	880	993	0	0	886	0	0	0	0	107
147	U. NC Chapel Hill	1,633	1,189	986	110	607	105	164	0	0	0	0
148	U. AK Fairbanks all campuses	710	1,106	947	0	19	850	78	0	0	0	0
149	Cleveland State U.	375	5,038	928	69	22	423	378	4	32	0	0
150	U. Southern ME	NA	NA	926	0	0	926	0	0	0	0	0
151	Clemson U.	1,697	1,062	913	0	0	707	0	0	0	0	206
152	Princeton U.	761	657	912	0	93	245	477	0	0	59	38
153	KS State U.	513	1,227	909	0	79	100	0	0	0	0	730
154	Boise State U.	NA	6	898	72	0	140	0	0	0	0	686
155	TX Tech U.	212	884	893	0	0	861	0	32	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
156	Roger Williams U. Bristol	607	630	872	0	0	458	0	414	0	0	0
157	U. MA Lowell	1,166	1,298	857	0	0	81	0	216	0	0	560
158	Worcester Polytechnic Institute	52	57	854	8	3	780	63	0	0	0	0
159	Simmons C.	593	776	828	0	277	0	0	0	551	0	0
160	U. Tulsa	307	486	814	35	41	171	489	78	0	0	0
161	U. HI Manoa	NA	NA	802	0	0	738	45	19	0	0	0
162	Drake U.	168	854	784	0	0	550	14	220	0	0	0
163	Rochester Institute of Technology	1,140	1,163	780	41	9	659	71	0	0	0	0
164	Bowling Green State U. all campuses	0	16	777	46	109	579	43	0	0	0	0
165	FL A&M U.	10,218	74	772	490	0	282	0	0	0	0	0
166	LA State U. all campuses	93	105	766	117	0	88	43	0	10	12	496
167	IL Institute of Technology	794	1,724	762	30	0	0	84	648	0	0	0
168	Rensselaer Polytechnic Institute	575	217	724	71	0	417	236	0	0	0	0
169	U. NE all campuses	1,789	1,870	723	172	0	354	194	0	1	0	2
170	CUNY Hunter C.	0	583	707	0	0	700	7	0	0	0	0
171	ND State U. all campuses	167	141	668	0	153	515	0	0	0	0	0
172	U. North TX	1,428	878	666	0	316	255	83	0	0	0	12
173	Sinte Gleska U.	ne	250	659	0	0	336	0	0	240	0	83
174	FL Atlantic U.	0	128	638	121	0	340	177	0	0	0	0
175	Marshall U.	1,371	1,050	623	102	0	391	130	0	0	0	0
176	U. CA, Santa Cruz	NA	NA	620	0	0	482	51	0	0	87	0
177	Claremont Graduate U.	523	755	602	0	0	229	129	0	0	0	244
178	Wayne State U.	1,381	1,133	581	0	0	3	264	0	62	0	252
179	TX Southern U.	221	225	572	0	0	378	0	0	0	0	194
180	U. Cincinnati all campuses	459	488	564	0	0	564	0	0	0	0	0
181	CA State U. Long Beach	1,062	872	558	0	0	558	0	0	0	0	0
182	San Francisco State U.	NA	320	545	0	0	442	61	0	0	42	0
183	KY State U.	23,467	56	543	0	0	543	0	0	0	0	0
184	U. of Notre Dame	485	452	538	29	56	0	255	0	0	40	158

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
185	Augsburg C.	395	247	524	0	0	86	0	0	0	0	438
186	U. MA Boston	598	460	521	0	0	0	40	0	481	0	0
187	Auburn U. all campuses	407	530	509	501	0	6	2	0	0	0	0
188	WV U.	331	425	498	0	104	182	131	0	0	0	81
189	CUNY The City C.	1,618	573	494	0	0	390	104	0	0	0	0
190	Duquesne U.	391	792	494	247	0	112	28	65	0	42	0
191	Boston C.	0 e	735	493	0	0	478	0	0	0	0	15
192	Loyola U. Chicago	1,081	944	483	97	0	386	0	0	0	0	0
193	U. NV, Reno	325	564	483	0	18	91	155	219	0	0	0
194	U. MO-St. Louis	54	1,052	475	15	0	230	0	0	124	0	106
195	DePaul U.	2	334	455	44	0	0	384	27	0	0	0
196	Baylor U.	81	454	449	14	0	0	435	0	0	0	0
197	U. Northern CO	616	742	449	0	0	422	27	0	0	0	0
198	Mercyhurst C.	ne	ne	448	0	0	9	0	0	34	0	405
199	Black Hills State U.	583	1,832	447	447	0	0	0	0	0	0	0
200	Duke U.	90	584	440	0	0	55	31	354	0	0	0
201	U. MO-Kansas City	366	497	436	291	0	0	145	0	0	0	0
202	Dickinson C.	617	802	431	0	0	14	407	0	0	0	10
203	U. NV, Las Vegas	NA	630	428	66	0	210	0	6	120	0	26
204	Western Carolina U.	3,992	0	424	224	0	5	0	0	0	0	195
205	U. South AL	NA	0	420	8	0	0	412	0	0	0	0
206	Drexel U.	1,649	2,843	416	26	67	222	0	0	0	0	101
207	Northeastern State U.	NA	601	393	0	0	39	0	194	0	0	160
208	American U.	115	39	388	0	0	96	18	274	0	0	0
209	U. CA, Davis	NA	NA	383	0	0	303	59	0	0	21	0
210	U. NC Wilmington	431	784	383	51	0	94	0	0	238	0	0
211	U. MA Dartmouth	338	338	377	0	0	193	184	0	0	0	0
212	Air Force Institute of Technology	40	304	367	367	0	0	0	0	0	0	0
213	DE State U.	NA	388	364	166	0	0	0	0	38	0	160
214	Pacific U.	NA	1,242	361	0	0	361	0	0	0	0	0
215	U. ME	795	613	357	0	193	91	73	0	0	0	0
216	NM State U. all campuses	680	665	356	234	0	38	84	0	0	0	0
217	U. CA, Irvine	NA	NA	353	47	0	187	119	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
218	Smith C.	24	239	351	0	83	7	50	0	172	19	20
219	Radford U.	1	ne	337	39	0	292	6	0	0	0	0
220	U. Portland	77	179	335	0	0	335	0	0	0	0	0
221	Bucknell U.	31	5	329	0	0	0	0	0	0	0	329
222	U. West GA	350	340	325	50	0	275	0	0	0	0	0
223	Hamilton C. (Clinton, NY)	521	316	320	0	0	0	0	0	320	0	0
224	Providence C.	0	329	301	0	0	298	0	0	3	0	0
225	CA State Polytechnic U. San Luis Obispo	341	106	300	0	142	158	0	0	0	0	0
226	OR Institute of Technology	85	361	299	38	48	213	0	0	0	0	0
227	Catholic U. America, The	663	685	297	0	0	164	51	19	63	0	0
228	Rose-Hulman Institute of Technology	431	422	294	0	0	294	0	0	0	0	0
229	CA State U. Los Angeles	76	226	276	0	0	274	0	0	0	0	2
230	IL State U.	146	424	274	0	0	20	61	0	17	0	176
231	Oakland U.	143	148	273	178	6	89	0	0	0	0	0
232	CO State U. Pueblo	300	0	264	0	0	62	164	0	0	0	38
233	U.S. Naval Academy	0	0	252	0	0	0	252	0	0	0	0
234	U. WI Green Bay	5	131	249	249	0	0	0	0	0	0	0
235	MS State U.	2,957	136	245	0	0	40	0	0	0	0	205
236	TN Technological U.	130	318	240	0	0	231	9	0	0	0	0
237	Bryn Mawr C.	177	26	239	0	0	0	21	0	218	0	0
238	C. Charleston	120	302	238	83	0	116	35	0	0	4	0
239	Eastern WA U.	382	200	228	0	0	220	0	0	3	0	5
240	U. LA Lafayette	476	312	223	18	17	132	19	0	37	0	0
241	CUNY Brooklyn C.	173	0	220	0	0	0	220	0	0	0	0
242	U. WY	NA	216	216	0	0	5	22	0	0	0	189
243	SUNY C. Cortland	172	167	215	0	0	215	0	0	0	0	0
244	Teachers C. Columbia U.	453	461	215	0	0	215	0	0	0	0	0
245	NC Agricultural and Technical State U.	8	55	208	172	0	36	0	0	0	0	0
246	U. TN all campuses	354	582	205	0	0	0	205	0	0	0	0
247	West TX A&M U.	376	358	205	0	0	205	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
248	Emory U.	366	130	201	0	0	111	90	0	0	0	0
249	ID State U.	218	201	201	201	0	0	0	0	0	0	0
250	U. UT	244	109	201	24	0	52	125	0	0	0	0
251	St. Joseph's U.	0	0	195	0	0	195	0	0	0	0	0
252	U. SD	0	169	194	0	0	0	0	194	0	0	0
253	Benedict C.	0	0	184	0	0	184	0	0	0	0	0
254	Western WA U.	312	360	181	27	0	0	2	0	152	0	0
255	Western KY U.	72	68	178	0	0	103	23	0	0	0	52
256	U. San Diego	0	0	175	0	0	0	0	0	0	0	175
257	Howard U.	66	232	166	8	0	68	0	0	90	0	0
258	Amherst C.	0	0	164	0	150	0	0	0	14	0	0
259	Wake Forest U.	NA	30	160	12	148	0	0	0	0	0	0
260	Rice U.	277	228	158	135	0	0	23	0	0	0	0
261	U. VT	228	79	157	0	0	157	0	0	0	0	0
262	Xavier U. LA	0	NA	156	149	0	0	0	0	7	0	0
263	U. MD Eastern Shore	0	NA	155	0	0	0	155	0	0	0	0
264	U. Northern IA	892	517	154	0	0	154	0	0	0	0	0
265	Carleton C.	0	148	151	0	0	0	151	0	0	0	0
266	U. AL, The	284	153	150	0	0	24	0	23	103	0	0
267	Berry C.	ne	ne	145	127	0	18	0	0	0	0	0
268	Tulane U.	440	147	144	114	0	0	7	0	0	0	23
269	U. Richmond	8	222	144	0	144	0	0	0	0	0	0
270	Northern AZ U.	567	74	140	0	0	136	4	0	0	0	0
271	Morehouse C.	NA	406	139	0	39	4	11	0	0	0	85
272	Clark U.	0 e	114	136	0	0	136	0	0	0	0	0
273	Calvin C.	0	56	129	0	0	0	129	0	0	0	0
274	TX A&M U. Commerce	301	352	128	0	0	128	0	0	0	0	0
275	IN State U. all campuses	34	116	122	0	0	32	90	0	0	0	0
276	CA State U. Fresno	0	22	116	0	0	0	0	0	0	0	116
277	Governors State U.	ne	238	115	0	0	115	0	0	0	0	0
278	East Carolina U.	167	103	114	0	0	96	0	0	0	0	18
279	SUNY Binghamton	283	0	109	0	0	0	109	0	0	0	0
280	La Salle U.	0	ne	108	0	0	108	0	0	0	0	0
281	Colgate U.	NA	NA	107	0	0	22	85	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006									
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other	
282	CA State U. San Bernardino	460	2,472	106	48	0	6	0	0	0	0	8	44
283	U. CA, San Diego	NA	NA	106	0	4	17	12	0	0	0	6	67
284	Northern IL U.	883	2,476	98	0	28	0	0	0	70	0	0	0
285	Grand Valley State U.	338	141	96	0	0	96	0	0	0	0	0	0
286	Kennesaw State U.	56	12	93	0	0	23	13	0	57	0	0	0
287	Southwest MO State U.	1,016	42	91	0	0	91	0	0	0	0	0	0
288	Andrews U.	0	135	89	0	0	89	0	0	0	0	0	0
289	Central CT State U.	4	91	89	66	0	0	23	0	0	0	0	0
290	U. TX Arlington	286	136	89	0	0	60	29	0	0	0	0	0
291	U. Akron all campuses	203	563	84	0	0	84	0	0	0	0	0	0
292	Grambling State U.	0	465	82	0	0	82	0	0	0	0	0	0
293	Wellesley C.	68	331	77	0	0	0	0	0	0	0	0	77
294	U. WI Oshkosh	49	251	76	0	0	76	0	0	0	0	0	0
295	Prairie View A&M U.	173	207	71	0	0	71	0	0	0	0	0	0
296	U. Houston-Clear Lake	158	180	71	71	0	0	0	0	0	0	0	0
297	SUNY C. Geneseo	69	167	68	0	0	16	52	0	0	0	0	0
298	West Chester U. PA	240	1,275	68	0	0	68	0	0	0	0	0	0
299	Willamette U.	492	211	68	8	0	47	13	0	0	0	0	0
300	Canisius C.	ne	NA	63	0	0	63	0	0	0	0	0	0
301	SUNY C. Old Westbury	0	47	62	0	0	0	0	0	0	0	0	62
302	U. Detroit Mercy	20 e	NA	61	61	0	0	0	0	0	0	0	0
303	TX State U. San Marcos	70	124	58	0	0	0	0	58	0	0	0	0
304	LA Tech U.	86	131	57	26	0	27	0	0	0	0	4	0
305	OH U. all campuses	305	110	57	0	29	8	20	0	0	0	0	0
306	U. MT-Missoula, The	685	758	57	36	0	0	5	0	0	0	16	0
307	Vassar C.	NA	81	56	0	0	0	5	51	0	0	0	0
308	CA Institute of Technology	0	0	55	0	0	0	55	0	0	0	0	0
309	U. MD Baltimore County	1	15	55	0	0	0	55	0	0	0	0	0
310	Dartmouth C.	242	1	52	0	44	0	0	0	0	0	8	0
311	TX A&M U. Corpus Christi	895	1,399	52	0	0	28	0	0	0	0	0	24
312	Tarleton State U.	231	0	46	0	0	46	0	0	0	0	0	0
313	Marquette U.	200	103	45	0	36	9	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
314	Washington and Lee U.	ne	64	45	15	0	0	30	0	0	0	0
315	CUNY Baruch C.	0	218	40	0	0	0	0	0	0	0	40
316	CUNY Herbert H. Lehman C.	0	0	40	0	0	0	40	0	0	0	0
317	Kansas City U. of Medicine and Biosciences	0	43	35	0	0	35	0	0	0	0	0
318	Stephen F. Austin State U.	321	189	35	0	0	35	0	0	0	0	0
319	U. Puget Sound	73	97	35	0	0	0	35	0	0	0	0
320	Pomona C.	77	65	34	0	0	0	34	0	0	0	0
321	MI Technological U.	NA	20	32	0	0	32	0	0	0	0	0
322	CUNY John Jay C. of Criminal Justice	0	0	30	0	0	0	0	8	0	0	22
323	Heritage U. (Toppenish, WA)	ne	19	29	0	0	29	0	0	0	0	0
324	AR State U. main campus	0	0	27	0	0	0	27	0	0	0	0
325	Southeastern LA U.	0	17	26	0	0	26	0	0	0	0	0
326	Morehead State U.	25	0	22	0	0	22	0	0	0	0	0
327	Wesleyan U.	121	68	22	0	0	0	0	0	0	22	0
328	Jarvis Christian C.	0	ne	20	3	6	10	1	0	0	0	0
329	CT C.	NA	103	19	0	0	0	0	0	0	0	19
330	Indiana U. PA all campuses	NA	65	19	0	0	0	5	0	0	0	14
331	Brandeis U.	691	107	17	0	0	0	0	17	0	0	0
332	Clarkson U.	63	NA	17	0	14	0	3	0	0	0	0
333	MT State U. Billings	ne	NA	16	16	0	0	0	0	0	0	0
334	Appalachian State U.	177	129	15	0	0	5	10	0	0	0	0
335	Lafayette C.	362	85	14	14	0	0	0	0	0	0	0
336	U.S. Coast Guard Academy	0	0	11	11	0	0	0	0	0	0	0
337	U. NC Asheville	0	19	9	0	0	0	0	0	0	0	9
338	U. WI Stevens Point	0	0	6	0	0	0	0	0	0	0	6
339	U. WI Stout	0	0	6	0	0	6	0	0	0	0	0
340	SD State U.	26	3	5	0	5	0	0	0	0	0	0
341	Whitman C.	0	0	5	0	0	0	5	0	0	0	0
342	Colby C.	0	23	4	0	0	0	4	0	0	0	0
343	Sam Houston State U.	NA	9	3	0	0	0	0	3	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
344	Lake Forest C.	166	38	2	0	0	2	0	0	0	0	0
345	Murray State U.	0	1	2	0	0	0	0	0	0	0	2
346	Norfolk State U.	0	0	2	0	0	0	2	0	0	0	0
347	SUNY Fredonia	8	8	2	0	0	2	0	0	0	0	0
348	U. TX Tyler	ne	0	2	2	0	0	0	0	0	0	0
349	Carnegie Mellon U.	1,622	1,009	1	0	0	0	1	0	0	0	0
350	U. ND all campuses	63	0	1	1	0	0	0	0	0	0	0
351	U. WI La Crosse	888	1	1	1	0	0	0	0	0	0	0
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0	0	0	0	0	0
	AL A&M U.	1	0	0	0	0	0	0	0	0	0	0
	AL State U.	0	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0	0
	Albany Medical C.	0	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	NA	0	0	0	0	0	0	0	0	0
	Alcorn State U.	0	0	0	0	0	0	0	0	0	0	0
	Alfred U. all campuses	333	312	0	0	0	0	0	0	0	0	0
	Allegheny C.	3	9	0	0	0	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Sioux Falls, SD)	0	0	0	0	0	0	0	0	0	0	0
	Barnard C.	1 e	42	0	0	0	0	0	0	0	0	0
	Bates C.	NA	0	0	0	0	0	0	0	0	0	0
	Baylor C. of Medicine	0	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0	0
	Bowdoin C.	0	0	0	0	0	0	0	0	0	0	0
	Bowie State U.	0	141	0	0	0	0	0	0	0	0	0
	Bradley U.	0	0	0	0	0	0	0	0	0	0	0
	Bridgewater State C.	0	0	0	0	0	0	0	0	0	0	0
	Brown U.	187	892	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

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	CA State U. Dominguez Hills	4,361	3,123	0	0	0	0	0	0	0	0	0
	CA State U. East Bay	NA	0	0	0	0	0	0	0	0	0	0
	CA State U. Monterey Bay	390	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	ne	ne	0	0	0	0	0	0	0	0	0
	Central MI U.	33	0	0	0	0	0	0	0	0	0	0
	Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	ne	ne	0	0	0	0	0	0	0	0	0
	Chicago State U.	NA	0	0	0	0	0	0	0	0	0	0
	Christopher Newport U.	40	0	0	0	0	0	0	0	0	0	0
	Clafin U.	0	0	0	0	0	0	0	0	0	0	0
	Clark Atlanta U.	14	33	0	0	0	0	0	0	0	0	0
	Coastal Carolina U.	71	0	0	0	0	0	0	0	0	0	0
	C. NJ, The	NA	NA	0	0	0	0	0	0	0	0	0
	C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0	0
	CO School of Mines	0	0	0	0	0	0	0	0	0	0	0
	Columbia U. in the City of NY	NA	NA	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 Medgar Evers C.	0	0	0	0	0	0	0	0	0	0	0
	CUNY Queens C.	0	289	0	0	0	0	0	0	0	0	0
	CUNY York C.	37	0	0	0	0	0	0	0	0	0	0
	Davidson C.	ne	NA	0	0	0	0	0	0	0	0	0
	Denison U.	0	NA	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	NA	0	0	0	0	0	0	0	0	0
	Desert Research Institute	0	0	0	0	0	0	0	0	0	0	0
	East TN State U.	0	0	0	0	0	0	0	0	0	0	0
	Eastern OR U.	0	NA	0	0	0	0	0	0	0	0	0
	Eastern VA Medical School	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
	Evergreen State C.	0	NA	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	9,408	7,668	0	0	0	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Fisk U.	0	600	0	0	0	0	0	0	0	0	0
	Fitchburg State C.	ne	0	0	0	0	0	0	0	0	0	0
	Fordham U.	0	14	0	0	0	0	0	0	0	0	0
	Ft. Lewis C.	0	0	0	0	0	0	0	0	0	0	0
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0	0
	Franklin & Marshall C.	12	0	0	0	0	0	0	0	0	0	0
	Furman U.	0	0	0	0	0	0	0	0	0	0	0
	Gallaudet U.	0	19	0	0	0	0	0	0	0	0	0
	Gettysburg C.	ne	0	0	0	0	0	0	0	0	0	0
	Grinnell C.	3	0	0	0	0	0	0	0	0	0	0
	Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	0	0	0	0	0	0	0	0	0	0	0
	Hampton U.	0	0	0	0	0	0	0	0	0	0	0
	Harvey Mudd C.	NA	0	0	0	0	0	0	0	0	0	0
	Hendrix C.	11	74	0	0	0	0	0	0	0	0	0
	Hope C.	0	0	0	0	0	0	0	0	0	0	0
	Humboldt State U.	NA	NA	0	0	0	0	0	0	0	0	0
	IL Wesleyan U.	ne	0	0	0	0	0	0	0	0	0	0
	Ithaca C.	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
	Jacksonville State U.	ne	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	ne	ne	0	0	0	0	0	0	0	0	0
	James Madison U.	0	0	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	ne	ne	0	0	0	0	0	0	0	0	0
	Juniata C.	0	0	0	0	0	0	0	0	0	0	0
	Kalamazoo C.	NA	0	0	0	0	0	0	0	0	0	0
	Kettering U.	0	0	0	0	0	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	ne	ne	0	0	0	0	0	0	0	0	0
	Lamar U.	10	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0	0
	Lawrence Technological U.	53	0	0	0	0	0	0	0	0	0	0
	Lawrence U.	ne	ne	0	0	0	0	0	0	0	0	0
	Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Lincoln University, PA)	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
	Long Island U. all campuses	NA	0	0	0	0	0	0	0	0	0	0
	Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0	0
	Loyola U. New Orleans	ne	6	0	0	0	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0	0	0	0	0	0
	Maharishi U. of Management	0 e	0	0	0	0	0	0	0	0	0	0
	Manhattan C.	NA	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	ne	0	0	0	0	0	0	0	0	0	0
	McNeese State U.	NA	0	0	0	0	0	0	0	0	0	0
	Medical C. GA	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
	Medical U. OH	0	0	0	0	0	0	0	0	0	0	0
	Medical U. SC	0	0	0	0	0	0	0	0	0	0	0
	Meharry Medical C.	0	0	0	0	0	0	0	0	0	0	0
	Mercer U. all campuses	0	0	0	0	0	0	0	0	0	0	0
	Mercy C.	ne	ne	0	0	0	0	0	0	0	0	0
	Middle TN State U.	0	0	0	0	0	0	0	0	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	ne	NA	0	0	0	0	0	0	0	0	0
	Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0	0
	MN State U. Mankato	NA	0	0	0	0	0	0	0	0	0	0
	MS Valley State U.	0	0	0	0	0	0	0	0	0	0	0
	Monmouth U.	ne	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
	Morgan State U.	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

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Mt. Sinai School of Medicine	0	0	0	0	0	0	0	0	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	0	0	0	0	0	0	0	0	0	0	0
	Muhlenberg C.	0	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	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
	NJ Institute of Technology	0	0	0	0	0	0	0	0	0	0	0
	NM Highlands U.	0	0	0	0	0	0	0	0	0	0	0
	NM Institute of Mining and Technology	0	NA	0	0	0	0	0	0	0	0	0
	New School, The	NA	0	0	0	0	0	0	0	0	0	0
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0	0
	Nicholls State U.	0	0	0	0	0	0	0	0	0	0	0
	NC Central U.	NA	NA	0	0	0	0	0	0	0	0	0
	NC State U.	NA	NA	0	0	0	0	0	0	0	0	0
	Northeastern IL U.	106	537	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
	Northern KY U.	1	9	0	0	0	0	0	0	0	0	0
	Northwestern Health Sciences 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
	Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0	0
	Oberlin C.	0	0	0	0	0	0	0	0	0	0	0
	OH Wesleyan U.	NA	0	0	0	0	0	0	0	0	0	0
	OK State U. all campuses	1	0	0	0	0	0	0	0	0	0	0
	Pace U. all campuses	0	0	0	0	0	0	0	0	0	0	0
	PA C. of Optometry	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

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Philadelphia U.	ne	NA	0	0	0	0	0	0	0	0	0
	Pittsburg State U.	0	0	0	0	0	0	0	0	0	0	0
	Pitzer C.	0	0	0	0	0	0	0	0	0	0	0
	Point Loma Nazarene C.	ne	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0	0
	Reed C.	0	0	0	0	0	0	0	0	0	0	0
	Rhodes C.	ne	0	0	0	0	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0	0	0	0	0	0
	Rockefeller U.	0	0	0	0	0	0	0	0	0	0	0
	Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0	0
	Rush U.	0	0	0	0	0	0	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0	0
	Sarah Lawrence C.	ne	ne	0	0	0	0	0	0	0	0	0
	Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0	0
	SC State U.	0	0	0	0	0	0	0	0	0	0	0
	SD School of Mines and Technology	0	0	0	0	0	0	0	0	0	0	0
	Southeast MO State U.	ne	0	0	0	0	0	0	0	0	0	0
	Southeastern OK State U.	52	0	0	0	0	0	0	0	0	0	0
	Southern IL U. Carbondale	0	14	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0	0
	Spelman C.	0	0	0	0	0	0	0	0	0	0	0
	St. Francis U. (Loretto, PA)	ne	0	0	0	0	0	0	0	0	0	0
	St. Louis U. all campuses	24 e	0	0	0	0	0	0	0	0	0	0
	St. Mary's C. MD	169	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	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

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Sul Ross State U.	0	0	0	0	0	0	0	0	0	0	0
	SUNY C. Brockport	0	0	0	0	0	0	0	0	0	0	0
	SUNY C. Buffalo	242	0	0	0	0	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0	0
	SUNY C. Oswego	NA	NA	0	0	0	0	0	0	0	0	0
	SUNY Health Science Ctr. Brooklyn	NA	0	0	0	0	0	0	0	0	0	0
	SUNY Stony Brook all campuses	714	192	0	0	0	0	0	0	0	0	0
	SUNY Upstate Medical 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
	TN State U.	0	24	0	0	0	0	0	0	0	0	0
	TX A&M U. Kingsville	3	57	0	0	0	0	0	0	0	0	0
	TX A&M U. System Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
	TX Tech U. Health Science Ctr.	0	0	0	0	0	0	0	0	0	0	0
	TX Woman's U.	64	0	0	0	0	0	0	0	0	0	0
	Thomas Jefferson U.	0	0	0	0	0	0	0	0	0	0	0
	Tougaloo C.	NA	NA	0	0	0	0	0	0	0	0	0
	Towson U.	0	0	0	0	0	0	0	0	0	0	0
	Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0	0
	Trinity U.	0	0	0	0	0	0	0	0	0	0	0
	Troy U. main campus	ne	ne	0	0	0	0	0	0	0	0	0
	Truman State U.	NA	0	0	0	0	0	0	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0	0
	U.S. Air Force Academy	748	677	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0	0
	U. AK Southeast all campuses	NA	0	0	0	0	0	0	0	0	0	0
	U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0	0
	U. AR Pine Bluff	415	345	0	0	0	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	U. Baltimore	ne	577	0	0	0	0	0	0	0	0	0
	U. CA Office of the President	NA	NA	0	0	0	0	0	0	0	0	0
	U. CA, Merced	na	NA	0	0	0	0	0	0	0	0	0
	U. CA, San Francisco	NA	NA	0	0	0	0	0	0	0	0	0
	U. Central OK	NA	0	0	0	0	0	0	0	0	0	0
	U. GU	0	NA	0	0	0	0	0	0	0	0	0
	U. Hartford	NA	0	0	0	0	0	0	0	0	0	0
	U. Houston-Downtown	41	37	0	0	0	0	0	0	0	0	0
	U. IL Springfield	350	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 Biotechnology Institute	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. MA Worcester	0	0	0	0	0	0	0	0	0	0	0
	U. of Medicine and Dentistry NJ	0	0	0	0	0	0	0	0	0	0	0
	U. New England	ne	ne	0	0	0	0	0	0	0	0	0
	U. NC Pembroke	ne	ne	0	0	0	0	0	0	0	0	0
	U. North TX Health Science Ctr. Ft. Worth	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 Rio Piedras Campus	0	139	0	0	0	0	0	0	0	0	0
	U. Redlands	0	1,160	0	0	0	0	0	0	0	0	0
	U. San Francisco	1	4	0	0	0	0	0	0	0	0	0
	U. Scranton	0	0	0	0	0	0	0	0	0	0	0
	U. of St. Thomas (St. Paul, MN)	0	0	0	0	0	0	0	0	0	0	0
	U. TX Dallas	NA	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. Houston	0	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006
(Dollars in thousands)

Rank	Institution	2004	2005	2006								
				All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	U. TX M. D. Anderson Cancer Ctr.	0	0	0	0	0	0	0	0	0	0	0
	U. TX Medical Branch	0	0	0	0	0	0	0	0	0	0	0
	U. TX Southwestern Medical Ctr. Dallas	0	0	0	0	0	0	0	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0	0
	U. of the South	ne	0	0	0	0	0	0	0	0	0	0
	U. WI Eau Claire	0	0	0	0	0	0	0	0	0	0	0
	U. WI Parkside	0	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	ne	0	0	0	0	0	0	0	0	0	0
	U. WI River Falls	0	0	0	0	0	0	0	0	0	0	0
	U. WI Superior	0	0	0	0	0	0	0	0	0	0	0
	U. WI Whitewater	9	1	0	0	0	0	0	0	0	0	0
	Ursinus C.	ne	ne	0	0	0	0	0	0	0	0	0
	Valparaiso U.	0	0	0	0	0	0	0	0	0	0	0
	VA Military Institute	0	0	0	0	0	0	0	0	0	0	0
	Wabash C.	0	0	0	0	0	0	0	0	0	0	0
	West Liberty State C.	ne	ne	0	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	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
	Western U. of Health Sciences	0	0	0	0	0	0	0	0	0	0	0
	Wilkes U.	0	ne	0	0	0	0	0	0	0	0	0
	Woods Hole Oceanographic Institution	0	0	0	0	0	0	0	0	0	0	0
	Wright State U. all campuses	0	0	0	0	0	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures in non-science and engineering fields at universities and colleges, ranked by all FY 2006 non-S&E fields: FY 2004–06 and by subfield for FY 2006 (Dollars in thousands)

Rank	Institution	2006										
		2004	2005	All non-S&E fields	Business and management	Communications, journalism, and library science	Education	Humanities	Law	Social work	Visual and performing arts	Other
	Yeshiva U.	0	NA	0	0	0	0	0	0	0	0	0
	Youngstown State U.	0	0	0	0	0	0	0	0	0	0	0
	All other sampled institutions	12,831	3,868	0	0	0	0	0	0	0	0	0

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; na = not applicable; institution did not exist or did not exist as a separate entity; NA = not available; institution was unable to provide these data; ne = not eligible; institution did not meet the criteria for inclusion.

S&E = science and engineering.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in federally financed non-S&E R&D expenditures.

NOTES: Institutions not listed in this table did not provide non-S&E R&D expenditures by non-S&E field. Institutions that reported amounts of zero or more are included. Detail may not add to total because some respondents reporting non-S&E R&D expenditures did not break out total and federal funds by non-S&E field. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 72. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, by highest degree granted, institutional control, and agency: FY 2006

(Dollars in thousands)

Highest degree and control of institution	Respondents (number)	R&D expenditures	Federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
All universities and colleges	620	47,632,716	29,965,779	2,718,166	1,118,454	17,052,404	1,046,891	3,567,011	868,819	2,922,169
Doctorate	354	46,977,697	29,539,240	2,671,917	1,097,897	16,944,982	1,017,487	3,466,694	817,831	2,850,567
Nondoctorate	266	655,019	426,539	46,249	20,557	107,422	29,404	100,317	50,988	71,602
Public	378	32,289,898	18,430,993	1,911,584	756,279	9,604,679	731,570	2,421,812	792,897	2,212,172
Private	242	15,342,818	11,534,786	806,582	362,175	7,447,725	315,321	1,145,199	75,922	709,997
Percent distribution										
All universities and colleges	620	47,632,716	100.0	9.1	3.7	56.9	3.5	11.9	2.9	9.8
Doctorate	354	46,977,697	100.0	9.0	3.7	57.4	3.4	11.7	2.8	9.7
Nondoctorate	266	655,019	100.0	10.8	4.8	25.2	6.9	23.5	12.0	16.8
Public	378	32,289,898	100.0	10.4	4.1	52.1	4.0	13.1	4.3	12.0
Private	242	15,342,818	100.0	7.0	3.1	64.6	2.7	9.9	0.7	6.2

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

^a Includes all other agencies reported.

NOTES: R&D expenditures and federal R&D expenditures totals are for only those respondents who reported federal agency detail and do not match totals for all survey respondents. Agency detail may not add to total federal expenditures because some institutions were unable to provide complete agency data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 73. Federally financed R&D expenditures at universities and colleges, by science and engineering field and agency: FY 2006
(Dollars in thousands)

Science and engineering field	Federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
All science and engineering	30,033,156	2,718,166	1,118,454	17,052,404	1,046,891	3,567,011	868,819	2,922,169
Computer sciences	1,015,337	295,318	35,893	47,488	25,180	426,690	1,759	115,307
Environmental sciences	1,763,173	157,974	90,673	64,051	247,436	565,827	59,081	551,532
Atmospheric sciences	406,430	40,248	18,014	787	116,236	115,314	4,360	96,630
Earth sciences	590,869	34,231	54,848	11,276	97,066	185,850	41,594	135,053
Oceanography	558,271	59,853	4,930	13,115	19,007	178,343	4,929	244,134
Environmental sciences, nec	207,603	16,670	12,152	37,946	14,275	36,095	8,198	54,361
Life sciences	18,268,028	446,050	152,699	15,203,605	102,882	587,252	717,565	1,008,316
Agricultural sciences	881,306	15,797	19,903	65,720	12,543	100,295	483,423	181,254
Biological sciences	6,239,560	152,699	65,966	5,032,699	44,110	425,544	178,602	305,692
Medical sciences	10,434,463	255,102	48,048	9,546,296	41,346	45,669	37,716	448,749
Life sciences, nec	712,699	22,452	18,782	558,890	4,883	15,649	17,824	72,621
Mathematical sciences	372,621	37,475	11,443	78,535	4,333	182,839	2,994	28,417
Physical sciences	2,704,818	324,498	392,844	489,745	325,520	805,045	7,889	240,712
Astronomy	317,407	19,715	7,653	64	122,540	64,517	0	54,858
Chemistry	973,740	97,167	68,599	431,336	23,926	279,382	4,683	58,586
Physics	1,212,751	172,236	302,720	33,811	139,610	407,111	2,720	106,637
Physical sciences, nec	200,920	35,380	13,872	24,534	39,444	53,659	486	20,631
Psychology	628,606	33,054	4,205	468,496	11,810	49,498	650	58,412
Social sciences	711,092	37,824	12,565	287,529	11,325	100,181	36,859	221,582
Economics	118,792	938	1,628	19,432	1,390	20,110	24,379	49,844
Political sciences	107,003	4,871	1,733	45,456	527	16,922	1,556	35,705
Sociology	216,319	3,009	2,086	136,331	198	28,208	4,904	40,229
Social sciences, nec	268,978	29,006	7,118	86,310	9,210	34,941	6,020	95,804
Sciences, nec	333,546	61,202	12,109	53,509	12,210	78,736	5,317	83,263
Engineering	4,235,935	1,324,771	406,023	357,305	306,195	770,943	36,705	614,628
Aeronautical/astronautical engineering	281,869	91,677	4,908	3,283	83,788	14,264	42	35,862
Bioengineering/biomedical engineering	294,487	36,320	5,762	187,478	6,496	31,825	5,888	20,635
Chemical engineering	312,683	55,125	62,846	44,805	14,805	78,598	5,248	41,629
Civil engineering	331,116	45,213	21,393	8,159	8,754	84,153	5,858	155,345
Electrical engineering	1,073,337	477,950	35,904	37,225	58,556	242,101	418	82,353
Mechanical engineering	684,403	216,803	132,194	25,606	38,927	100,207	1,835	79,190
Metallurgical/materials engineering	387,408	178,707	57,963	9,386	11,828	81,406	672	47,079
Engineering, nec	870,632	213,559	85,053	41,363	82,751	131,853	16,744	148,028

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; nec = not elsewhere classified; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

^a Includes all other agencies reported.

NOTES: Agency detail may not add to total federal expenditures because some institutions were unable to provide complete agency data. Data are not adjusted for nonresponse.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
	All institutions	29,965,779	2,718,166	1,118,454	17,052,404	1,046,891	3,567,011	868,819	2,922,169
1	Johns Hopkins U., The ^b	1,307,453	21,439	4,033	562,763	16,725	25,008	1,180	4,440
2	U. WA	650,394	8,408	15,456	452,379	9,910	73,543	2,235	88,463
3	U. MI all campuses	565,739	52,826	17,569	396,870	16,633	55,113	1,094	25,634
4	Stanford U.	540,069	60,564	25,578	326,036	61,323	54,343	0	12,225
5	U. WI Madison	491,810	24,795	32,980	263,962	10,635	114,418	16,423	28,597
6	U. CA, Los Angeles	483,873	27,734	19,618	358,295	13,200	50,845	313	13,868
7	U. PA	478,773	13,148	9,515	403,038	1,875	26,014	1,132	24,051
8	MA Institute of Technology	476,362	90,162	67,173	197,636	31,936	72,626	0	16,829
9	U. CA, San Francisco	464,660	7,842	963	447,593	1,072	1,428	171	5,591
10	U. CA, San Diego	463,807	30,345	11,636	285,748	8,456	104,682	219	22,721
11	Columbia U. in the City of NY	451,187	9,397	315	290,506	12,838	62,005	0	76,126
12	U. CO all campuses	448,350	16,242	9,124	233,161	45,133	40,919	430	103,341
13	U. Pittsburgh all campuses	422,316	14,624	4,513	334,651	1,321	15,381	128	51,698
14	Duke U.	414,419	21,293	8,028	350,179	1,397	25,063	622	7,837
15	Washington U. St. Louis	408,402	4,821	3,305	371,180	6,517	19,803	678	2,098
16	Harvard U.	403,458	10,595	11,622	310,893	8,429	34,241	108	27,570
17	Cornell U. all campuses	390,043	15,518	6,230	211,611	4,532	109,308	27,327	15,517
18	PA State U. all campuses	367,215	148,881	19,731	86,980	10,479	46,533	10,085	44,526
19	Yale U.	348,500	6,720	8,925	308,101	1,172	21,778	633	1,171
20	U. Southern CA	333,378	61,778	5,502	161,609	6,730	39,430	181	58,148
21	U. NC Chapel Hill	329,215	2,186	2,553	257,561	0	18,242	0	48,673
22	U. MN all campuses	326,170	14,037	7,288	217,653	4,286	47,043	17,004	18,859
23	OH State U. all campuses	315,914	23,217	10,685	162,443	8,917	40,960	21,039	48,653
24	Case Western Reserve U.	306,980	10,041	5,094	274,915	7,154	8,341	238	1,197
25	U. AZ	301,619	13,893	3,845	116,081	42,525	42,884	6,458	75,933
26	Vanderbilt U.	300,423	19,936	3,608	254,836	1,964	11,709	429	7,941
27	U. AL Birmingham, The	292,962	6,956	1,455	263,576	7,830	4,425	50	8,670
28	Baylor C. of Medicine	287,679	5,188	577	235,532	26,549	2,510	16,967	356
29	U. Rochester	278,399	10,002	81,514	172,396	1,382	11,082	0	2,023
30	U. TX Austin	273,147	92,051	16,634	47,661	9,184	39,239	196	68,182
31	Scripps Research Institute, The	268,533	4,887	967	230,523	316	2,072	0	29,768
32	Emory U.	267,894	7,977	939	244,567	95	5,911	129	8,276
33	U. IL Urbana-Champaign	264,645	32,452	30,719	61,222	6,569	96,451	18,529	18,703
34	U. CA, Berkeley	261,718	22,974	7,132	90,631	41,251	73,194	5,127	21,409
35	GA Institute of Technology all campuses	257,751	135,058	12,843	23,688	18,577	48,780	195	18,610

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
36	U. Chicago	253,471	6,270	9,817	185,359	4,394	44,001	0	3,630
37	Northwestern U.	249,980	16,642	7,549	155,538	3,861	28,399	211	37,780
38	CA Institute of Technology	248,591	18,915	16,029	43,902	16,747	72,587	22	80,389
39	U. FL	248,322	18,016	10,609	126,404	10,873	38,131	20,279	24,010
40	U. CA, Davis	248,190	7,898	8,140	149,159	2,734	40,660	18,365	21,234
41	Boston U.	238,560	13,155	4,376	175,848	9,491	28,515	0	7,175
42	Mt. Sinai School of Medicine	224,911	6,702	0	192,788	294	210	59	24,858
43	OR Health & Science U.	223,204	5,248	5,223	202,902	330	3,090	115	6,296
44	U. IA	216,521	7,745	2,319	180,465	6,758	11,138	0	8,096
45	U. MD College Park	209,764	60,614	9,357	24,529	34,021	39,749	11,309	30,185
46	TX A&M U. all campuses	206,242	28,790	13,641	30,313	15,555	56,889	33,062	27,992
47	U. IL Chicago	203,875	7,403	5,176	167,234	615	13,793	123	9,531
48	U. VA all campuses	203,778	15,150	4,137	139,286	3,586	16,980	0	24,639
49	U. HI Manoa	202,419	59,101	4,498	49,642	15,198	26,341	9,903	37,736
50	U. Cincinnati all campuses	201,742	5,840	3,220	176,515	1,128	4,717	159	10,163
51	U. TX Southwestern Medical Ctr. Dallas	196,621	6,883	0	171,605	2,338	942	20	14,833
52	NY U.	189,276	5,590	2,581	159,349	875	19,729	211	941
53	U. MD Baltimore	186,160	4,561	2,364	169,964	168	1,862	0	7,241
54	Carnegie Mellon U.	185,389	72,670	5,458	19,270	9,003	69,311	0	9,677
55	CO State U.	182,648	16,031	9,192	53,315	11,675	24,033	41,456	26,946
56	U. TX M. D. Anderson Cancer Ctr.	182,028	12,559	981	154,215	220	482	0	13,571
57	U. UT	174,888	7,087	17,012	125,648	1,266	19,935	143	3,797
58	IN U. all campuses	170,635	5,732	4,970	129,789	2,321	24,110	269	3,444
59	U. CA, Irvine	169,983	8,728	7,560	120,519	4,390	26,368	118	2,300
60	MI State U.	169,116	6,984	12,900	45,456	3,662	47,302	24,000	28,812
61	Purdue U. all campuses	157,438	21,620	14,839	41,101	8,864	39,174	18,347	13,493
62	Yeshiva U.	153,785	2,891	299	145,216	0	4	0	5,375
63	U. South FL	153,737	18,338	2,106	62,085	1,835	9,587	20	59,766
64	SUNY Buffalo all campuses	153,152	18,868	1,193	103,867	2,649	13,454	170	12,951
65	U. KY all campuses	151,238	5,574	7,433	95,819	1,866	17,453	11,607	11,486
66	U. Miami	150,408	11,406	624	103,607	3,784	15,202	40	15,745
67	U. of Medicine and Dentistry NJ	140,923	5,044	675	128,482	200	890	245	5,387
68	Dartmouth C.	140,430	2,474	1,183	101,580	1,847	9,981	569	22,796
69	Wake Forest U.	139,549	5,704	71	130,530	490	1,503	0	1,251
70	U. NE all campuses	139,113	13,795	3,705	73,691	1,403	21,492	10,833	14,194
71	U. MA Worcester	136,141	976	344	117,547	70	561	0	16,643
72	NC State U.	131,262	12,059	7,319	15,247	1,898	29,224	24,920	40,595

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
73	Rutgers, The State U. NJ all campuses	129,456	8,306	4,976	65,764	2,392	31,692	9,457	6,869
74	U. NM all campuses	127,907	16,639	11,169	70,784	2,947	18,912	514	6,942
75	LA State U. all campuses	126,545	12,770	3,923	77,114	1,448	13,285	6,945	11,060
76	U. CT all campuses	124,837	7,641	3,543	77,656	2,116	12,754	6,659	14,468
77	U. TX Health Science Ctr. Houston	122,870	7,209	0	106,386	2,208	453	33	6,581
78	U. TX Medical Branch	120,408	3,620	129	112,946	1,702	541	277	1,193
79	VA Polytechnic Institute and State U.	119,994	20,535	4,954	14,664	1,269	25,556	13,706	39,310
80	Wayne State U.	118,042	8,915	1,878	97,239	1,204	5,444	6	3,356
81	Princeton U.	117,845	19,319	11,224	37,902	8,462	35,504	0	5,434
82	OR State U.	116,586	12,036	7,402	17,531	6,039	30,151	20,456	22,971
83	U. KS all campuses	115,522	3,732	4,284	76,111	1,939	21,902	641	6,913
84	U. TN all campuses	113,559	3,897	26,459	56,224	2,376	13,662	3,867	7,074
85	SUNY Stony Brook all campuses	112,973	5,800	8,463	59,357	4,403	21,207	179	13,564
86	FL State U.	110,358	17,317	8,677	15,593	2,336	42,257	2,942	21,236
87	AZ State U. main campus	109,893	20,901	4,194	34,985	11,671	30,779	1,153	6,210
88	U. CA, Santa Barbara	106,169	33,718	6,305	15,702	4,565	39,628	650	5,601
89	IA State U.	104,553	8,335	5,371	23,301	3,306	23,841	24,893	15,506
90	Medical U. SC	104,057	5,756	2,008	87,028	0	335	231	8,699
91	SUNY Albany	103,835	3,814	289	86,899	1,591	5,561	158	5,523
92	U. MO-Columbia	101,732	4,595	3,248	44,236	2,686	13,850	27,778	5,339
93	Woods Hole Oceanographic Institution	101,631	16,380	729	927	1,068	56,723	0	25,804
94	Medical C. WI	100,128	1,991	443	95,188	119	160	0	2,227
95	U. AK Fairbanks all campuses	98,330	27,338	3,813	7,587	10,640	20,906	7,235	20,811
96	VA Commonwealth U.	97,576	5,788	1,510	77,244	1,770	2,779	78	8,407
97	Brown U.	96,922	8,902	2,796	47,795	2,089	18,328	0	17,012
98	UT State U.	96,242	23,510	1,366	12,001	30,922	7,220	14,896	6,327
99	Tufts U.	95,964	2,574	1,233	66,902	1,509	5,442	16,406	1,898
100	U. TX Health Science Ctr. San Antonio	95,110	2,187	0	89,841	0	339	0	2,743
101	MS State U.	94,073	32,002	10,952	4,147	2,698	5,278	23,447	15,549
102	Rockefeller U.	93,742	193	1,036	91,695	0	818	0	0
103	U. GA	92,652	263	9,555	36,515	550	17,936	18,270	9,563
104	Georgetown U.	92,268	17,329	2	69,363	65	3,281	87	2,141
105	U. OK all campuses	90,880	3,367	2,462	57,650	2,105	12,368	379	12,549
106	U. SC all campuses	89,294	16,689	6,170	39,811	2,483	13,092	786	10,263
107	U. NH	86,416	3,834	1,266	3,587	13,921	10,333	4,171	49,304
108	Tulane U.	84,052	2,546	2,384	66,702	1,484	4,046	493	6,397
109	Thomas Jefferson U.	82,551	1,957	170	77,733	1,094	141	1,103	353

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
110	U. VT	82,519	548	244	64,861	684	7,521	8,300	361
111	WA State U.	81,324	9,374	8,127	22,410	423	7,803	20,195	12,992
112	U. DE	79,640	15,511	3,551	21,152	1,633	16,491	2,215	19,087
113	MT State U. Bozeman	75,362	7,913	5,142	22,634	7,815	9,981	9,384	12,493
114	George Washington U.	75,209	1,738	516	61,004	820	2,844	66	8,221
115	U. Louisville	70,481	4,859	2,693	52,510	1,449	3,269	56	5,645
116	U. MA Amherst	69,642	6,421	7,480	14,520	1,458	27,769	3,668	8,326
117	Drexel U.	68,499	14,900	1,725	10,210	1,681	8,829	140	31,014
118	U. MS all campuses	67,717	13,752	1,830	39,489	1,223	2,147	5,551	3,725
119	U. CA, Santa Cruz	66,390	4,668	2,892	18,105	21,159	13,345	1,067	5,154
120	U. AR for Medical Sciences	66,127	376	0	65,063	0	335	338	15
121	U. NV, Reno	64,476	3,280	20,409	22,446	1,387	8,657	3,417	4,880
122	WV U.	63,764	4,288	10,268	26,256	1,328	4,461	7,716	9,447
123	U. CA, Riverside	58,023	15,857	4,259	13,747	1,987	13,851	5,051	3,271
124	U. Dayton	56,779	51,810	877	601	744	311	6	2,430
125	Clemson U.	56,268	6,584	1,666	4,052	1,052	10,894	8,889	23,131
126	NM State U. all campuses	55,801	15,788	8,039	7,562	1,830	5,958	8,291	8,333
127	U. of Notre Dame	55,710	8,111	6,575	18,849	590	17,033	120	4,432
128	Naval Postgraduate School	54,528	47,786	533	0	79	1,834	0	4,296
129	Rice U.	53,880	6,779	3,381	6,513	3,922	21,566	58	11,661
130	KS State U.	52,649	0	0	0	0	0	0	52,649
131	Temple U.	50,904	2,188	812	43,162	19	3,090	26	1,607
132	NM Institute of Mining and Technology	47,901	3,142	1,157	169	233	2,241	143	40,816
133	U. ID	47,018	4,487	1,037	10,982	5,321	5,467	12,092	7,632
134	U. RI	46,898	5,275	93	10,659	1,976	10,661	5,351	12,883
135	U. OR	46,583	5,259	3,303	24,424	205	9,648	316	3,428
136	FL International U.	45,894	5,754	5,914	14,223	259	8,744	0	11,000
137	Auburn U. all campuses	45,540	5,994	2,851	9,588	2,813	5,098	8,724	10,472
138	ND State U. all campuses	45,418	18,433	72	5,648	142	4,730	8,741	7,652
139	St. Louis U. all campuses	45,183	290	391	42,920	0	904	45	633
140	Rush U.	45,044	384	0	44,526	0	110	0	24
141	U. MD Baltimore County	44,830	1,716	47	242	22,080	7,747	19	12,979
142	Rensselaer Polytechnic Institute	44,690	7,794	5,146	7,570	1,890	19,155	1	3,134
143	U. AL Huntsville, The	44,636	16,927	707	295	18,858	2,675	2	5,172
144	Charles R. Drew U. of Medicine and Science	44,394	341	0	44,053	0	0	0	0
145	U. NV, Las Vegas	42,772	2,676	21,720	1,384	134	1,885	1,432	13,541

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
146	Medical C. GA	41,555	261	189	40,694	235	176	0	0
147	U. ME	41,394	7,331	1,043	4,478	581	9,986	9,087	8,888
148	Brandeis U.	41,184	451	1,359	28,541	760	4,928	0	5,145
149	Uniformed Services U. of the Health Sciences	39,461	23,877	0	15,516	0	0	0	68
150	U. ND all campuses	38,848	2,082	12,764	9,943	5,567	2,120	4,512	1,860
151	U. Houston	38,559	961	2,036	16,179	1,808	6,149	0	11,426
152	U. Central FL	37,974	13,652	3,034	6,186	5,920	5,301	396	3,485
153	OK State U. all campuses	37,943	10,829	1,388	6,425	677	6,999	8,322	3,303
154	Northeastern U.	36,071	6,265	531	11,805	1,145	14,879	0	1,446
155	George Mason U.	35,911	11,328	995	4,030	8,577	4,435	386	6,160
156	NJ Institute of Technology	35,489	7,081	727	19	1,094	7,717	10	18,841
157	San Diego State U.	35,351	9,395	325	17,881	1,292	5,424	0	1,034
158	TX A&M U. System Health Science Ctr.	35,214	303	0	34,135	128	123	62	463
159	Howard U.	34,959	2,498	2,311	22,542	304	3,247	506	3,551
160	U. Southern MS	34,577	5,001	895	5,587	2,847	4,971	3,526	11,750
161	U. MT-Missoula, The	33,039	1,247	619	10,310	1,304	7,673	4,082	7,804
162	U. MD Biotechnology Institute	32,005	773	800	24,216	0	2,280	512	3,424
163	U. AR main campus	31,926	3,064	1,037	3,712	1,061	6,308	12,328	4,416
164	U. PR Medical Sciences Campus	31,199	0	0	31,020	0	140	0	39
165	Meharry Medical C.	30,914	827	0	30,079	0	8	0	0
166	Jackson State U.	30,783	6,340	3,757	12,013	258	4,708	355	3,352
167	Desert Research Institute	30,407	6,937	9,807	0	1,019	3,752	111	8,781
168	C. of William and Mary all campuses	29,121	5,638	764	1,095	490	8,324	286	12,524
169	Loma Linda U.	28,788	8,853	44	14,531	4,604	0	0	756
170	Hampton U.	28,584	2,306	1,122	2,832	18,101	2,958	0	1,265
171	Old Dominion U.	27,506	11,137	1,922	1,599	5,251	5,001	21	2,575
172	SUNY Upstate Medical U.	27,247	0	0	0	0	104	174	26,969
173	NY Medical C.	26,579	163	0	26,202	0	214	0	0
174	U. WY	25,844	2,124	1,005	6,666	705	7,688	5,907	1,749
175	Loyola U. Chicago	25,420	536	7	23,483	0	369	0	1,025
176	Syracuse U. all campuses	25,299	2,286	1,889	6,936	1,341	8,486	120	4,241
177	SUNY Health Science Ctr. Brooklyn	25,184	164	0	25,008	0	0	0	12
178	Morehouse School of Medicine	25,156	0	78	23,815	1,241	22	0	0
179	GA State U.	24,968	515	288	11,835	168	6,337	1,133	4,692
180	FL A&M U.	24,902	1,223	497	6,155	465	2,936	6,542	7,084
181	San Jose State U.	23,197	637	24	1,082	10,817	4,071	0	6,566
182	U. AL, The	22,847	743	3,629	4,005	1,922	6,554	171	5,823

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
183	Stevens Institute of Technology	22,501	16,905	964	318	567	3,115	0	632
184	Wright State U. all campuses	22,430	6,399	804	12,137	350	1,243	0	1,497
185	U. MO-Rolla	22,351	9,485	4,309	593	1,864	4,440	91	1,569
186	TX Tech U.	22,278	4,284	2,152	2,199	1,369	4,323	4,411	3,540
187	CUNY The City C.	21,408	2,120	257	9,082	1,646	4,232	31	4,040
188	CO School of Mines	20,543	3,453	4,195	515	5,032	4,578	43	2,727
189	U. TX San Antonio	20,277	4,496	0	11,846	3	1,019	556	2,357
190	Southern IL U. Carbondale	20,108	1,368	952	10,003	708	2,408	1,328	3,341
191	U. TX Dallas	19,954	4,125	296	6,152	2,605	5,934	31	811
192	FL Atlantic U.	19,952	5,033	214	5,293	1,984	2,303	0	5,125
193	OH U. all campuses	19,573	1,022	2,473	0	449	4,565	10	11,054
194	Eastern VA Medical School	19,399	380	0	5,940	0	0	5	13,074
195	U. TX El Paso	19,331	2,366	1,109	8,369	638	5,283	0	1,566
196	U. North TX Health Science Ctr. Ft. Worth	19,183	78	221	16,111	0	451	6	2,316
197	IL Institute of Technology	19,121	687	1,551	10,259	234	2,884	242	3,264
198	U. TX Arlington	19,006	5,991	1,848	2,808	451	3,235	4	4,669
199	Portland State U.	18,797	1,355	702	4,778	1,147	6,513	553	3,749
200	MI Technological U.	18,757	4,817	3,942	741	473	5,247	1,764	1,773
201	U. MA Lowell	18,741	9,362	858	3,813	450	2,797	0	1,461
202	CUNY Hunter C.	18,472	709	429	14,001	0	2,857	0	476
203	Boston C.	18,344	5,994	617	7,646	259	2,619	12	1,197
204	Lehigh U.	18,248	4,043	2,271	2,600	170	7,216	88	1,860
205	Brigham Young U. all campuses	17,309	4,433	1,670	3,500	945	4,654	796	1,311
206	U. SD	17,308	109	0	15,210	0	1,464	22	503
207	San Francisco State U.	17,255	205	314	9,633	506	3,746	0	2,851
208	U. PR Rio Piedras Campus	16,881	744	140	5,354	1,004	9,636	0	3
209	U. Toledo	16,534	941	168	2,483	4,988	1,429	4,400	2,125
210	Wichita State U.	16,302	1,475	73	4,792	2,707	1,471	0	5,784
211	U. MO-Kansas City	15,965	173	123	13,628	78	1,575	0	388
212	U. Memphis, The	15,964	1,822	7	6,528	45	2,766	47	4,749
213	NC Agricultural and Technical State U.	15,885	4,887	536	1,486	1,710	2,101	3,795	1,370
214	U. WI Milwaukee	15,867	1,291	643	5,495	89	4,325	484	3,540
215	Marshall U.	15,360	3,231	0	5,699	1,827	345	524	3,734
216	U. South AL	15,147	150	0	11,793	0	394	0	2,810
217	Medical U. OH	14,607	187	0	13,942	0	117	321	40
218	Rochester Institute of Technology	14,581	6,320	267	1,608	2,598	1,423	81	2,284
219	Northern AZ U.	14,305	402	486	2,739	181	3,969	1,750	4,778

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
220	Catholic U. America, The	13,264	579	5,331	1,926	3,602	1,029	0	797
221	U. MD Ctr. for Environmental Science	12,860	594	0	0	411	1,870	373	9,612
222	SD State U.	12,788	55	473	580	614	1,501	5,773	3,792
223	U. of the VI	12,518	0	5,475	1,902	0	1,666	2,930	545
224	SUNY Binghamton	12,213	1,809	563	4,847	231	1,645	57	3,061
225	Morgan State U.	12,199	1,769	635	4,146	4,235	1,070	0	344
226	Mercer U. all campuses	11,741	9,927	0	1,762	0	11	0	41
227	Northern IL U.	11,696	3,334	286	2,600	158	1,609	125	3,584
228	U. Southern ME	11,662	113	28	8,073	13	734	62	2,639
229	ID State U.	11,661	771	3,845	1,813	858	1,579	115	2,680
230	U. LA Lafayette	11,596	936	171	3,715	334	935	911	4,594
231	U. Akron all campuses	11,433	1,361	618	1,798	1,685	4,530	259	1,182
232	Western MI U.	11,214	684	3,440	2,012	329	2,778	54	1,917
233	Albany Medical C.	11,152	58	0	11,094	0	0	0	0
234	U. NC Charlotte	10,792	2,998	193	3,018	0	3,903	202	478
235	East Carolina U.	10,657	997	64	6,877	257	1,721	208	533
236	U. PR Mayaguez Campus	10,645	1,780	330	1,410	875	2,994	249	3,007
237	TN State U.	10,216	586	159	2,285	1,810	1,595	3,781	0
238	Worcester Polytechnic Institute	10,193	3,633	907	881	398	2,915	0	1,459
239	Clark Atlanta U.	10,008	462	1,086	3,099	959	2,218	32	2,152
240	U. NC Wilmington	9,884	371	15	1,746	118	1,093	494	6,047
241	SD School of Mines and Technology	9,834	6,411	382	63	510	1,966	137	365
242	TX Tech U. Health Science Ctr.	9,713	55	0	7,891	0	438	0	1,329
243	U.S. Air Force Academy	9,678	8,165	0	0	130	1,169	0	214
244	U. MA Dartmouth	9,516	243	0	194	389	2,453	605	5,632
245	Rosalind Franklin U. of Medicine and Science	9,507	277	0	8,904	0	86	0	240
246	Southern Methodist U.	9,303	2,699	1,296	2,900	592	1,289	23	504
247	Prairie View A&M U.	9,067	1,538	967	409	1,469	639	3,538	507
248	Tuskegee U.	8,971	152	119	3,417	538	25	2,965	1,755
249	CA State U. Los Angeles	8,672	576	70	3,298	1,171	3,274	0	283
250	U. MA Boston	8,610	284	713	2,972	0	3,843	0	798
251	U. Denver	8,543	465	18	5,021	917	1,185	30	907
252	CA State U. Long Beach	8,368	4,447	48	2,177	22	598	0	1,076
253	U. North TX	8,343	4,794	472	639	10	2,157	0	271
254	Clarkson U.	8,280	2,209	1,006	619	370	3,121	21	934
255	Universidad Central del Caribe	8,206	0	0	7,666	0	0	0	540

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
256	Kent State U. all campuses	8,198	284	745	3,344	62	2,447	8	1,308
257	U. Tulsa	7,964	979	1,198	706	142	2,315	10	2,614
258	TX A&M U. Corpus Christi	7,798	2,533	3	0	528	2,926	45	1,763
259	U. HI Hilo	7,678	60	0	173	37	2,395	638	4,375
260	Marquette U.	7,566	214	121	3,817	426	1,649	135	1,204
261	AL A&M U.	7,537	357	110	580	1,372	1,569	3,548	1
262	Polytechnic U.	7,486	1,231	0	0	22	5,361	0	872
263	Boise State U.	7,448	1,699	476	1,628	106	1,526	178	1,835
264	U. GU	7,324	0	0	1,407	0	94	3,790	2,033
265	Western KY U.	7,079	67	1,372	980	946	766	1,582	1,366
266	Teachers C. Columbia U.	6,770	146	436	3,827	22	842	0	1,497
267	NC Central U.	6,597	273	223	4,472	139	515	0	975
268	DE State U.	6,506	823	0	1,672	0	1,087	2,417	507
269	U.S. Naval Academy	6,487	5,994	8	0	350	70	0	65
270	CA State Polytechnic U. San Luis Obispo	6,461	583	47	95	130	771	1,561	3,274
271	CUNY Queens C.	6,422	130	3,648	1,793	0	608	0	243
272	U. AK Anchorage all campuses	6,333	727	15	2,712	0	1,262	238	1,379
273	Oakland U.	6,205	1,949	26	2,449	4	1,480	0	297
274	FL Institute of Technology	6,138	1,015	292	816	1,524	2,061	0	430
275	Fisk U.	6,000	1,000	2,000	0	2,000	1,000	0	0
276	VA State U.	5,813	8	0	93	0	15	5,285	412
277	LA Tech U.	5,769	787	1,458	607	64	2,425	163	265
278	Alcorn State U.	5,706	0	0	180	0	0	5,211	315
279	Tarleton State U.	5,488	75	0	0	0	6	5,148	259
280	Bowling Green State U. all campuses	5,408	585	0	2,462	559	1,217	366	219
281	Morehouse C.	5,378	206	129	4,406	9	429	0	199
282	CA State U. San Bernardino	5,367	3,529	636	475	157	263	270	37
283	Air Force Institute of Technology	5,212	3,988	0	0	0	428	0	796
284	U. NC Greensboro	5,211	617	0	3,218	0	858	0	518
285	CA State U. Northridge	5,200	305	98	2,065	0	2,589	0	143
286	Cleveland State U.	5,159	0	527	1,448	2,078	367	13	726
287	Ball State U.	5,119	3	302	964	482	954	12	2,402
288	U. MO-St. Louis	5,046	291	0	949	69	2,576	108	1,053
289	MT Tech of the U. MT	5,040	585	1,016	979	0	295	38	2,127
290	Ponce School of Medicine	5,022	0	0	0	0	0	0	5,022
291	New School, The	4,854	4,621	0	126	0	96	0	11
292	Wesleyan U.	4,744	0	0	3,214	248	1,142	0	140

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
293	East TN State U.	4,713	65	0	4,123	35	160	43	287
294	TX A&M U. Kingsville	4,625	44	396	2,232	0	1,341	531	81
295	Norfolk State U.	4,621	52	121	326	1,920	1,601	0	601
296	Southwest MO State U.	4,615	3,926	0	270	0	222	0	197
297	Lincoln U. (Jefferson City, MO)	4,367	1,388	0	0	69	0	2,831	79
298	U. MD Eastern Shore	4,367	0	0	0	73	243	1,347	2,704
299	TX Southern U.	4,225	0	205	0	3,403	585	0	32
300	St. Francis U. (Loretto, PA)	4,114	3,946	168	0	0	0	0	0
301	CA State U. Fullerton	4,083	0	90	1,403	159	2,358	0	73
302	U. PR Humacao	4,080	0	0	2,030	167	1,661	0	222
303	C. Charleston	3,967	53	112	650	1,338	997	112	705
304	AR State U. main campus	3,938	2,687	0	0	38	510	72	631
305	U. DC	3,813	0	88	2,590	0	426	594	115
306	Xavier U. LA	3,783	170	167	2,356	120	319	0	651
307	CA State U. Monterey Bay	3,779	149	0	0	2,565	23	62	980
308	U. AR Pine Bluff	3,777	120	0	53	0	0	2,889	715
309	CUNY Herbert H. Lehman C.	3,733	37	32	2,938	0	586	140	0
310	Stephen F. Austin State U.	3,695	2,425	249	429	0	158	354	80
311	Langston U.	3,661	0	0	0	0	0	3,661	0
312	TN Technological U.	3,601	203	529	0	216	896	66	1,691
313	James Madison U.	3,576	52	208	499	32	1,000	121	1,664
314	Southern U. and A&M C. all campuses	3,496	324	53	260	1,088	270	0	1,501
315	U. West FL	3,400	1,233	0	85	0	58	67	1,957
316	TX Christian U.	3,318	22	0	2,684	219	336	0	57
317	Rowan U.	3,293	0	945	485	97	1,431	0	335
318	CUNY Brooklyn C.	3,258	0	0	2,582	0	676	0	0
319	KY State U.	3,254	0	0	35	0	153	3,066	0
320	Nova Southeastern U.	3,204	252	0	1,658	18	30	0	1,246
321	Clark U.	3,192	103	287	1,028	28	1,363	103	280
322	Duquesne U.	3,171	37	168	2,033	8	739	147	39
323	DePaul U.	3,160	0	0	2,019	58	682	72	329
324	IL State U.	3,156	280	27	1,323	43	1,379	104	0
325	U. TX-Pan American	3,139	437	0	741	32	965	63	901
326	U. CA, Merced	3,135	56	789	271	40	1,381	0	598
327	Spelman C.	2,901	77	0	2,291	18	508	7	0
328	Kettering U.	2,882	1,103	0	0	0	138	0	1,641
329	Western WA U.	2,878	0	0	249	278	1,672	47	632

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
330	Wellesley C.	2,819	0	0	1,574	280	853	0	112
331	Smith C.	2,796	0	0	874	76	1,700	0	146
332	Northeastern OH Universities C. of Medicine	2,754	175	0	2,479	19	60	0	21
333	Eastern MI U.	2,611	970	377	501	0	473	70	220
334	FL Gulf Coast U.	2,598	745	0	0	39	0	15	1,799
335	Ft. Valley State U.	2,570	0	0	0	0	0	2,570	0
336	St. Joseph's U.	2,566	1,179	0	0	0	999	19	369
337	Humboldt State U.	2,548	228	130	0	0	349	374	1,467
338	CUNY Graduate Ctr.	2,544	0	0	1,122	0	1,349	0	73
339	CA State U. Dominguez Hills	2,530	200	0	1,072	0	986	0	272
340	CA State Polytechnic U. Pomona	2,502	30	0	1,611	504	168	135	54
341	West TX A&M U.	2,489	0	82	0	0	342	1,052	1,013
342	Fordham U.	2,441	0	0	1,926	0	119	113	283
343	Alfred U. all campuses	2,364	0	235	14	135	429	0	1,551
344	Savannah State U.	2,342	0	292	381	0	819	0	850
345	CA State U. Bakersfield	2,301	200	0	1,463	0	175	0	463
346	Central State U.	2,263	280	1,243	30	130	272	0	308
347	Williams C.	2,141	0	0	2,141	0	0	0	0
348	U. North FL	2,120	1,306	21	184	3	326	0	280
349	Barnard C.	2,098	0	0	1,375	0	723	0	0
350	Long Island U. all campuses	2,088	0	113	1,793	0	112	0	70
351	CA State U. East Bay	2,037	0	126	897	0	626	120	268
352	Chicago State U.	1,994	0	0	1,994	0	0	0	0
353	Gallaudet U.	1,959	0	0	616	0	72	0	1,271
354	Bowie State U.	1,951	0	0	0	124	1,827	0	0
355	Lawrence Technological U.	1,939	1,304	0	0	0	142	0	493
356	Black Hills State U.	1,925	10	0	1,617	70	209	19	0
357	TX State U. San Marcos	1,872	0	0	0	0	0	0	1,872
358	WV State U.	1,867	0	9	187	0	15	1,656	0
359	Bucknell U.	1,802	0	241	125	25	975	0	436
360	Shaw U.	1,800	0	0	1,324	0	0	0	476
361	Lamar U.	1,785	749	0	0	0	70	170	796
362	Mt. Holyoke C.	1,780	0	54	63	136	1,519	0	8
363	U. Baltimore	1,757	0	0	0	0	0	0	1,757
364	SUNY C. of Optometry	1,753	0	0	1,753	0	0	0	0
365	U. NC Asheville	1,745	0	722	0	654	148	125	96

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
366	U. LA Monroe	1,743	43	0	413	0	37	37	1,213
367	Hope C.	1,710	0	0	429	17	1,251	0	13
368	Amherst C.	1,708	30	0	209	0	1,342	0	127
369	Monmouth U.	1,690	1,264	0	24	0	0	0	402
370	Rose-Hulman Institute of Technology	1,689	1,476	0	20	0	177	0	16
371	AL State U.	1,685	0	0	1,667	9	9	0	0
372	Swarthmore C.	1,682	0	236	176	69	839	0	362
373	American U.	1,678	0	224	326	721	71	0	336
374	U. WI La Crosse	1,618	8	0	398	11	337	22	842
375	U. Northern CO	1,590	0	0	212	11	1,152	28	187
376	Sul Ross State U.	1,586	0	0	0	0	0	1,511	75
377	Appalachian State U.	1,576	297	0	141	62	686	254	136
378	SUNY C. Old Westbury	1,570	0	149	1,287	0	134	0	0
379	CA State U. Fresno	1,561	0	0	831	0	96	156	478
380	OR Institute of Technology	1,550	73	0	0	10	120	0	1,347
381	PA C. of Optometry	1,543	0	0	1,543	0	0	0	0
382	Central WA U.	1,494	0	17	180	93	924	0	280
383	Bowdoin C.	1,484	47	0	548	34	793	32	30
384	SUNY C. Plattsburgh	1,461	0	0	644	249	116	73	379
385	CUNY York C.	1,455	0	0	1,455	0	0	0	0
386	GA Southern U.	1,406	29	0	381	40	468	361	127
387	Southeastern LA U.	1,402	0	22	150	0	55	10	1,165
388	Central MI U.	1,368	433	77	307	6	453	5	87
389	Western Carolina U.	1,362	0	220	0	0	166	878	98
390	U. WI Superior	1,360	0	0	0	0	82	111	1,167
391	Ithaca C.	1,358	0	0	132	18	939	10	259
392	Carleton C.	1,323	0	0	68	0	1,220	11	24
393	Jacksonville State U.	1,315	0	0	0	0	1,197	118	0
394	U. Richmond	1,310	0	159	142	0	881	32	96
395	Southern IL U. Edwardsville	1,305	23	23	49	0	613	219	378
396	CUNY C. Staten Island	1,302	61	0	570	0	670	0	1
397	Northern KY U.	1,280	0	0	560	42	516	0	162
398	Baylor U.	1,269	16	108	273	0	354	186	332
399	Pittsburg State U.	1,255	925	0	143	28	10	0	149
400	Bates C.	1,226	0	0	721	0	478	0	27
401	Eastern OR U.	1,206	0	105	0	0	75	7	1,019
402	Benedict C.	1,201	0	94	818	0	289	0	0

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
403	Seton Hall U.	1,184	87	0	626	0	464	0	7
404	U. New England	1,178	172	86	208	386	145	0	181
405	Midwestern U. (Chicago, IL)	1,168	0	0	1,079	0	89	0	0
406	Hamilton C. (Clinton, NY)	1,160	110	46	327	0	656	0	21
407	SUNY C. Buffalo	1,150	86	37	919	0	26	12	70
408	IN State U. all campuses	1,147	14	0	365	80	532	52	104
409	U. of the Pacific	1,142	0	0	522	0	620	0	0
410	U. Redlands	1,126	1,016	0	0	61	20	0	29
411	New England C. of Optometry	1,125	0	89	1,036	0	0	0	0
412	Albany State U.	1,119	0	0	1,119	0	0	0	0
413	St. John's U. (Jamaica, NY)	1,118	0	0	1,118	0	0	0	0
414	Sam Houston State U.	1,115	0	0	0	0	253	21	841
415	Colgate U.	1,111	0	0	24	14	1,069	0	4
416	Claremont Graduate U.	1,093	0	0	658	0	19	0	416
417	NM Highlands U.	1,084	0	0	678	51	355	0	0
418	C. of the Holy Cross	1,078	0	0	314	61	688	0	15
419	Youngstown State U.	1,067	0	138	32	23	241	0	633
420	Colby C.	1,054	0	0	672	0	282	0	100
421	Pomona C.	1,053	0	0	582	22	433	0	16
422	Loyola Marymount U.	1,044	0	201	281	0	444	0	118
423	Furman U.	1,029	0	0	537	4	278	189	21
424	Murray State U.	1,005	6	38	29	39	213	8	672
425	Harvey Mudd C.	1,003	9	0	0	74	863	0	57
426	Bryn Mawr C.	998	100	0	355	36	469	24	14
427	Morehead State U.	997	0	0	370	17	16	0	594
428	Macalester C.	983	0	0	68	0	809	0	106
429	Lafayette C.	976	0	0	66	14	810	10	76
430	Roger Williams U. Bristol	960	0	0	480	0	116	94	270
431	U. WI Green Bay	950	0	0	0	488	36	5	421
432	Franklin & Marshall C.	945	48	0	40	4	851	0	2
433	U. WI Stevens Point	945	3	20	6	0	77	203	636
434	Coastal Carolina U.	936	64	2	35	6	400	0	429
435	Clafin U.	930	0	0	0	0	157	0	773
436	SUNY C. Oswego	918	61	0	636	0	3	0	218
437	Western U. of Health Sciences	905	0	0	905	0	0	0	0
438	Vassar C.	902	0	0	47	23	832	0	0
439	Towson U.	894	84	24	56	9	544	40	137

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
440	U. Hartford	891	0	4	0	245	89	0	553
441	U. WI Eau Claire	844	0	0	115	9	712	0	8
442	Augustana C. (Sioux Falls, SD)	842	0	0	674	18	139	11	0
443	U. Central OK	841	0	0	0	4	101	0	736
444	Northeastern State U.	833	95	0	207	0	0	0	531
445	St. Cloud State U.	832	83	0	170	0	238	62	279
446	SUNY C. Geneseo	802	37	311	31	0	368	55	0
447	Northwestern Health Sciences U.	800	0	0	800	0	0	0	0
448	U. CA Office of the President	796	0	0	0	0	666	0	130
449	MS Valley State U.	794	0	88	14	6	660	0	26
450	Sinte Gleska U.	793	0	0	0	225	261	85	222
451	Milwaukee School of Engineering	786	0	0	192	5	544	45	0
452	CT C.	785	92	0	152	93	402	0	46
453	MT State U. Billings	760	0	0	581	57	33	0	89
454	Philadelphia U.	759	362	0	0	0	80	0	317
455	Universidad del Turabo	759	82	188	0	0	240	0	249
456	U. IL Springfield	747	0	0	0	0	22	0	725
457	U. Scranton	740	370	313	57	0	0	0	0
458	Trinity U.	717	169	0	110	0	436	0	2
459	U. WI Oshkosh	692	0	0	30	3	554	18	87
460	Occidental C.	690	0	0	0	0	398	76	216
461	Philadelphia C. of Osteopathic Medicine	681	0	0	681	0	0	0	0
462	Governors State U.	680	0	0	601	0	61	0	18
463	TX Woman's U.	637	0	0	578	0	0	59	0
464	Middle TN State U.	636	0	82	154	21	281	45	53
465	CUNY Medgar Evers C.	630	0	0	164	466	0	0	0
466	U. West GA	628	0	0	20	30	538	30	10
467	Ft. Lewis C.	616	0	0	125	13	329	0	149
468	Lincoln U. (Lincoln University, PA)	606	0	12	338	119	20	0	117
469	SUNY C. Brockport	606	0	0	0	37	283	131	155
470	Reed C.	598	3	40	324	0	0	0	231
471	Southern U. New Orleans	592	0	0	0	0	536	0	56
472	Elizabeth City State U.	590	109	0	177	0	220	10	74
473	Christopher Newport U.	587	15	13	0	415	113	1	30
474	Mt. St. Mary's C. (Los Angeles, CA)	581	0	0	462	0	119	0	0
475	Augsburg C.	579	0	0	0	85	494	0	0

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
476	CO State U. Pueblo	573	0	74	462	0	0	0	37
477	Grambling State U.	566	0	0	233	22	148	4	159
478	Hendrix C.	558	0	0	281	76	201	0	0
479	Fayetteville State U.	554	0	0	554	0	0	0	0
480	Jarvis Christian C.	553	0	10	145	0	398	0	0
481	Southern OR U.	553	0	0	0	8	194	351	0
482	Oberlin C.	548	0	0	5	0	386	0	157
483	Calvin C.	543	0	0	0	0	294	0	249
484	U.S. Coast Guard Academy	542	0	0	0	0	0	0	542
485	Union C. (Schenectady, NY)	534	0	37	0	0	454	0	43
486	CUNY John Jay C. of Criminal Justice	532	4	0	29	0	433	0	66
487	Hofstra U.	529	33	0	36	42	398	0	20
488	Mercy C.	525	200	0	100	0	195	0	30
489	Albany C. of Pharmacy	524	0	0	524	0	0	0	0
490	Fuller Theological Seminary CA	500	0	0	0	0	0	0	500
491	U. Northern IA	500	0	1	99	0	47	262	91
492	Maharishi U. of Management	499	0	0	499	0	0	0	0
493	U. of the Sciences Philadelphia	499	28	0	277	0	142	0	52
494	Valparaiso U.	487	0	179	0	123	172	13	0
495	Central CT State U.	479	0	0	85	0	231	0	163
496	Southeastern OK State U.	476	0	0	457	0	9	10	0
497	Millsaps C.	471	0	0	471	0	0	0	0
498	National U. of Health Sciences	460	0	0	460	0	0	0	0
499	John Carroll U.	452	0	0	0	0	452	0	0
500	Mercyhurst C.	449	0	0	0	0	0	0	449
501	Evergreen State C.	448	0	0	0	118	315	0	15
502	Eastern KY U.	447	0	0	298	37	47	25	40
503	West Liberty State C.	442	0	0	402	5	35	0	0
504	Lewis and Clark C.	437	148	0	31	0	245	13	0
505	U. TX Tyler	436	280	0	37	0	78	1	40
506	Western IL U.	435	0	6	200	0	98	131	0
507	Sarah Lawrence C.	434	0	0	0	0	434	0	0
508	Tougaloo C.	434	0	0	317	17	100	0	0
509	Skidmore C.	430	0	0	0	0	202	0	228
510	Drake U.	416	0	0	55	89	205	51	16
511	St. Olaf C.	415	0	0	0	0	355	0	60
512	Eastern WA U.	411	79	0	0	0	0	0	332

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
513	U. AK Southeast all campuses	409	0	0	0	0	161	40	208
514	Pace U. all campuses	408	37	27	0	0	199	0	145
515	Bradley U.	405	0	61	0	0	344	0	0
516	Rhodes C.	396	66	0	28	0	131	0	171
517	Providence C.	392	0	0	0	0	34	0	358
518	U. San Francisco	386	12	15	181	0	166	0	12
519	Point Loma Nazarene C.	376	0	0	0	0	376	0	0
520	Nicholls State U.	374	0	302	0	0	0	25	47
521	Hampshire C.	373	0	0	0	0	368	0	5
522	Trinity C. (Hartford, CT)	373	0	0	178	23	172	0	0
523	Rider U.	372	0	0	85	0	276	0	11
524	U. Puget Sound	364	0	0	90	102	172	0	0
525	Universidad del Este	363	0	0	0	0	0	0	363
526	Ursinus C.	357	0	0	113	0	244	0	0
527	Bluefield State C.	356	0	0	356	0	0	0	0
528	U. Portland	352	0	0	35	0	310	0	7
529	Gettysburg C.	350	0	0	24	2	316	0	8
530	Indiana U. PA all campuses	336	67	0	107	0	2	0	160
531	Grand Valley State U.	332	0	101	8	37	61	18	107
532	Muhlenberg C.	326	0	0	0	0	301	0	25
533	Bridgewater State C.	324	0	0	0	0	277	0	47
534	St. Mary's C. MD	305	0	0	179	0	10	0	116
535	Universidad Metropolitana	298	0	0	0	0	0	0	298
536	Whitman C.	297	0	0	0	11	276	0	10
537	Lawrence U.	296	0	0	27	0	244	0	25
538	Manhattan C.	294	0	0	0	9	97	0	188
539	Washington and Lee U.	287	0	0	0	0	287	0	0
540	U. San Diego	280	36	46	95	82	8	0	13
541	McNeese State U.	279	0	0	0	0	19	0	260
542	Cheyney U. PA	278	0	0	0	0	0	278	0
543	A.T. Still U. of Health Sciences	273	0	0	273	0	0	0	0
544	OH Wesleyan U.	271	0	0	216	0	55	0	0
545	NY Institute of Technology all campuses	267	267	0	0	0	0	0	0
546	Pacific U.	263	0	0	0	0	138	125	0
547	Kalamazoo C.	257	0	0	84	0	173	0	0
548	U. WI River Falls	257	0	0	0	0	212	45	0
549	U. Houston-Downtown	256	0	4	0	0	252	0	0

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
550	Heritage U. (Toppenish, WA)	254	0	0	254	0	0	0	0
551	Johnson C. Smith U.	251	0	0	251	0	0	0	0
552	U. WI Parkside	248	0	0	199	0	23	0	26
553	Gustavus Adolphus C.	244	0	0	0	0	196	0	48
554	U. Houston-Clear Lake	244	0	0	154	0	37	45	8
555	Mayville State U.	243	0	0	243	0	0	0	0
556	Chapman U.	236	0	0	0	0	192	39	5
557	Carlos Albizu U. (San Juan, PR)	234	0	0	234	0	0	0	0
558	U. of St. Thomas (St. Paul, MN)	232	0	0	116	20	36	24	36
559	Davidson C.	230	0	3	187	0	16	0	24
560	Truman State U.	227	0	0	0	0	221	6	0
561	U. Detroit Mercy	225	28	27	4	7	154	0	5
562	Kennesaw State U.	222	0	0	25	0	17	0	180
563	Andrews U.	219	0	0	0	0	182	1	36
564	Sonoma State U.	219	0	0	0	0	0	0	219
565	U. WI Whitewater	219	0	0	0	32	187	0	0
566	Troy U. main campus	217	0	141	0	0	0	0	76
567	Allegheny C.	207	0	0	18	0	186	3	0
568	Dickinson C.	201	0	0	0	0	101	0	100
569	SUNY C. Cortland	201	0	0	7	0	136	35	23
570	Denison U.	200	0	0	0	5	177	0	18
571	Abilene Christian U.	187	0	184	0	0	3	0	0
572	Berry C.	187	0	0	75	0	106	0	6
573	U. WI Stout	184	0	0	0	0	170	0	14
574	St. Mary's U. (San Antonio, TX)	183	0	0	0	0	0	0	183
575	Grinnell C.	180	0	0	0	0	174	0	6
576	TX A&M U. Commerce	174	0	39	0	0	135	0	0
577	Juniata C.	167	0	0	133	0	24	0	10
578	West Chester U. PA	167	0	0	0	45	112	0	10
579	Fairfield U.	162	0	0	33	0	61	0	68
580	U. NC Pembroke	160	0	0	27	0	133	0	0
581	Canisius C.	159	0	0	0	0	159	0	0
582	Loyola U. New Orleans	158	10	0	0	0	65	21	62
583	Simmons C.	155	0	0	154	0	1	0	0
584	Des Moines U.	153	0	0	153	0	0	0	0
585	Fitchburg State C.	151	0	0	0	0	151	0	0

TABLE 74. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by federal agency: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
586	Wabash C.	147	0	0	10	0	125	12	0
587	Pitzer C.	146	0	0	71	0	75	0	0
588	Roanoke C.	144	0	19	0	68	57	0	0
589	VA Military Institute	120	0	0	0	0	110	5	5
590	Willamette U.	114	0	0	0	0	114	0	0
591	IL Wesleyan U.	113	0	0	0	0	113	0	0
592	Lake Forest C.	113	0	0	47	0	66	0	0
593	C. NJ, The	105	0	15	0	0	90	0	0
594	La Salle U.	101	0	101	0	0	0	0	0
595	Southeast MO State U.	98	0	21	0	0	77	0	0
596	Augustana C. (Rock Island, IL)	97	0	0	36	0	61	0	0
597	MN State U. Mankato	93	0	0	0	38	54	0	1
598	CUNY Baruch C.	90	0	0	45	0	30	15	0
599	King's C. (Wilkes-Barre, PA)	85	0	85	0	0	0	0	0
600	Saginaw Valley State U.	57	0	0	0	1	0	47	9
601	U. of the South	57	0	0	0	0	50	0	7
602	SUNY Fredonia	52	0	0	0	0	0	0	52
603	Wilkes U.	49	0	0	0	0	0	27	22
604	Radford U.	47	0	0	2	0	45	0	0
605	Northeastern IL U.	40	0	0	6	0	30	0	4
606	U. WI Platteville	29	0	29	0	0	0	0	0
607	Kansas City U. of Medicine and Biosciences	28	28	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	0	0	0	0	0	0	0	0

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

^a Includes all other agencies reported.

^b Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Federal R&D expenditures total is for only those respondents who reported federal agency detail of zero or more and does not match total for all survey respondents. Agency detail may not add to total federal expenditures because some institutions were unable to provide complete agency data. Data are not adjusted for nonresponse. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	29,965,779	947,635	1,736,574	18,218,369	346,036	2,586,253	626,125	707,865	306,346	3,816,570
1	Johns Hopkins U., The ^a	1,307,453	3,021	17,094	539,651	1,140	28,549	6,391	3,209	13	36,520
2	U. WA	650,394	1,135	80,943	459,070	5,148	28,350	9,929	6,500	0	59,319
3	U. MI all campuses	565,739	4,707	7,830	350,492	3,975	28,068	10,451	53,336	64	106,816
4	Stanford U.	540,069	18,647	11,332	310,995	7,068	64,675	5,713	5,964	0	115,675
5	U. WI Madison	491,810	11,600	70,513	260,761	4,238	39,819	24,208	21,273	0	59,398
6	U. CA, Los Angeles	483,873	12,510	8,569	364,636	5,018	45,676	9,035	6,507	2,542	29,380
7	U. PA	478,773	5,227	278	392,441	3,124	27,710	5,535	16,011	7,465	20,982
8	MA Institute of Technology	476,362	33,158	23,717	145,487	3,946	94,818	1,118	3,026	6,246	164,846
9	U. CA, San Francisco	464,660	0	0	444,698	0	19,962	0	0	0	0
10	U. CA, San Diego	463,807	43,245	72,956	260,853	2,538	36,137	5,628	4,854	613	36,983
11	Columbia U. in the City of NY	451,187	8,085	53,940	310,341	1,676	33,473	2,870	8,638	1,856	30,308
12	U. CO all campuses	448,350	6,612	84,416	247,689	1,985	57,838	12,433	6,497	1,336	29,544
13	U. Pittsburgh all campuses	422,316	3,743	986	367,021	2,071	15,179	6,831	3,254	8,422	14,809
14	Duke U.	414,419	3,122	7,919	341,291	5,553	14,448	1,941	16,337	0	23,808
15	Washington U. St. Louis	408,402	3,600	3,169	371,552	592	13,120	4,369	3,721	0	8,279
16	Harvard U.	403,458	771	25,271	281,478	2,895	54,461	7,318	11,453	0	19,811
17	Cornell U. all campuses	390,043	16,418	3,984	245,421	2,964	60,332	2,939	10,026	0	47,959
18	PA State U. all campuses	367,215	24,196	26,000	97,055	7,005	39,700	14,108	9,787	128	149,236
19	Yale U.	348,500	4,059	3,686	308,984	877	16,320	4,640	1,062	0	8,872
20	U. Southern CA	333,378	86,580	14,405	178,546	5,419	6,356	4,054	3,920	376	33,722
21	U. NC Chapel Hill	329,215	9,454	13,643	263,026	1,702	19,346	4,704	17,340	0	0
22	U. MN all campuses	326,170	10,190	6,928	237,882	5,517	20,712	8,192	9,952	0	26,797
23	OH State U. all campuses	315,914	14,854	6,396	187,241	8,201	18,050	4,492	26,644	5,157	44,879
24	Case Western Reserve U.	306,980	1,065	551	269,586	640	6,632	784	1,436	669	25,617
25	U. AZ	301,619	3,545	6,885	156,591	4,531	89,270	3,470	11,139	0	26,188
26	Vanderbilt U.	300,423	0	341	246,145	1,035	14,182	8,087	3,223	523	26,887
27	U. AL Birmingham, The	292,962	274	0	275,441	529	3,279	6,071	440	0	6,928
28	Baylor C. of Medicine	287,679	0	0	287,679	0	0	0	0	0	0
29	U. Rochester	278,399	2,259	819	167,170	202	10,479	11,469	337	335	85,329
30	U. TX Austin	273,147	33,842	12,917	34,844	12,471	60,258	8,141	12,565	4,596	93,513
31	Scripps Research Institute, The	268,533	0	0	268,533	0	0	0	0	0	0
32	Emory U.	267,894	0	0	255,575	594	9,326	1,891	508	0	0
33	U. IL Urbana-Champaign	264,645	55,422	19,022	60,503	2,658	38,668	9,115	5,735	2,075	71,447
34	U. CA, Berkeley	261,718	910	5,935	93,070	5,763	76,542	5,758	8,019	9,441	56,280
35	GA Institute of Technology all campuses	257,751	30,541	10,973	7,369	2,478	18,346	2,473	3,200	1,616	180,755

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	U. Chicago	253,471	17,490	4,638	177,146	3,698	38,206	7,212	5,081	0	0
37	Northwestern U.	249,980	935	3,408	167,284	1,767	20,161	2,890	3,426	5,479	44,630
38	CA Institute of Technology	248,591	8,904	14,722	37,955	2,165	141,376	0	1,099	7,839	34,531
39	U. FL	248,322	3,655	7,224	153,294	3,205	24,585	7,214	3,096	0	46,049
40	U. CA, Davis	248,190	4,135	5,998	191,690	3,122	16,558	847	2,634	1,170	22,036
41	Boston U.	238,560	1,692	4,352	157,309	1,634	24,027	7,478	1,046	18,239	22,783
42	Mt. Sinai School of Medicine	224,911	0	0	224,911	0	0	0	0	0	0
43	OR Health & Science U.	223,204	13,687	0	209,517	0	0	0	0	0	0
44	U. IA	216,521	413	682	178,554	1,730	13,350	7,097	1,156	0	13,539
45	U. MD College Park	209,764	21,554	11,791	23,798	3,593	42,273	4,019	48,459	0	54,277
46	TX A&M U. all campuses	206,242	3,840	44,817	68,845	8,223	18,786	2,058	2,553	931	56,189
47	U. IL Chicago	203,875	4,786	1,125	166,255	1,698	8,386	4,177	4,792	2,316	10,340
48	U. VA all campuses	203,778	5,643	3,517	142,937	947	13,494	6,229	504	672	29,835
49	U. HI Manoa	202,419	21,057	49,973	67,107	0	32,393	63	5,071	16,722	10,033
50	U. Cincinnati all campuses	201,742	0	201	183,113	105	4,608	779	913	0	12,023
51	U. TX Southwestern Medical Ctr. Dallas	196,621	0	0	196,621	0	0	0	0	0	0
52	NY U.	189,276	4,156	0	149,829	6,783	10,304	12,334	4,061	1,809	0
53	U. MD Baltimore	186,160	0	0	186,160	0	0	0	0	0	0
54	Carnegie Mellon U.	185,389	109,615	841	4,728	2,442	8,878	5,153	6,847	2,092	44,793
55	CO State U.	182,648	1,407	69,441	72,638	3,272	9,238	2,954	2,685	3,260	17,753
56	U. TX M. D. Anderson Cancer Ctr.	182,028	0	0	159,072	5,553	5,799	6,637	3,070	0	1,897
57	U. UT	174,888	11,171	4,972	119,695	1,317	14,538	2,167	587	0	20,441
58	IN U. all campuses	170,635	6,545	2,527	125,032	2,422	15,118	9,415	7,467	149	1,960
59	U. CA, Irvine	169,983	6,505	3,577	117,963	2,075	20,070	2,487	3,269	0	14,037
60	MI State U.	169,116	2,151	602	98,536	3,310	36,304	3,773	13,127	26	11,287
61	Purdue U. all campuses	157,438	4,732	4,103	67,771	3,232	15,655	3,534	4,518	5,992	47,901
62	Yeshiva U.	153,785	0	0	153,785	0	0	0	0	0	0
63	U. South FL	153,737	0	20,657	103,811	94	3,139	4,496	3,380	700	17,460
64	SUNY Buffalo all campuses	153,152	5,128	1,054	111,487	868	7,208	2,946	964	0	23,497
65	U. KY all campuses	151,238	1,688	2,914	103,402	5,476	5,861	6,441	2,144	3,404	19,908
66	U. Miami	150,408	76	39,090	95,935	434	2,201	7,936	2,247	0	2,489
67	U. of Medicine and Dentistry NJ	140,923	0	0	140,923	0	0	0	0	0	0
68	Dartmouth C.	140,430	3,071	690	100,333	591	3,642	5,501	394	11,271	14,937
69	Wake Forest U.	139,549	180	0	135,557	96	3,372	266	78	0	0
70	U. NE all campuses	139,113	4,357	3,073	91,891	1,575	7,412	6,688	5,026	3,322	15,769

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. MA Worcester	136,141	0	0	136,141	0	0	0	0	0	0
72	NC State U.	131,262	3,888	7,495	47,805	6,110	14,044	0	3,680	2,631	45,609
73	Rutgers, The State U. NJ all campuses	129,456	4,732	11,985	62,889	5,184	24,322	4,063	5,802	0	10,479
74	U. NM all campuses	127,907	3,484	3,800	79,217	1,168	14,573	8,810	2,538	2,904	11,413
75	LA State U. all campuses	126,545	1,055	8,683	92,563	904	13,224	656	1,926	161	7,373
76	U. CT all campuses	124,837	1,616	5,834	85,117	619	6,307	11,849	3,121	93	10,281
77	U. TX Health Science Ctr. Houston	122,870	0	0	122,870	0	0	0	0	0	0
78	U. TX Medical Branch	120,408	0	0	119,013	0	0	0	0	0	1,395
79	VA Polytechnic Institute and State U.	119,994	3,691	2,887	49,798	1,276	7,618	1,196	2,708	51	50,769
80	Wayne State U.	118,042	781	35	94,796	527	8,745	2,922	1,822	0	8,414
81	Princeton U.	117,845	6,644	11,743	25,520	3,226	21,251	6,898	7,479	0	35,084
82	OR State U.	116,586	3,387	35,201	52,157	2,250	3,037	117	1,097	3,026	16,314
83	U. KS all campuses	115,522	296	4,576	84,176	799	9,170	1,056	5,930	912	8,607
84	U. TN all campuses	113,559	4,779	2,001	70,276	634	11,026	227	1,540	3,492	19,584
85	SUNY Stony Brook all campuses	112,973	3,103	13,695	58,733	3,002	18,967	4,085	1,028	17	10,343
86	FL State U.	110,358	4,523	16,035	16,820	1,618	28,571	9,042	6,770	0	26,979
87	AZ State U. main campus	109,893	3,782	11,498	26,146	3,998	13,426	8,907	8,016	1,696	32,424
88	U. CA, Santa Barbara	106,169	8,345	12,735	4,595	842	21,141	3,170	1,707	4,939	48,695
89	IA State U.	104,553	3,223	4,412	45,623	4,577	7,065	354	12,074	322	26,903
90	Medical U. SC	104,057	0	0	104,057	0	0	0	0	0	0
91	SUNY Albany	103,835	1,630	3,571	88,253	61	2,330	1,412	4,166	0	2,412
92	U. MO-Columbia	101,732	1,507	1,158	75,695	1,404	4,724	4,912	4,642	0	7,690
93	Woods Hole Oceanographic Institution	101,631	0	81,059	0	0	0	0	0	0	20,572
94	Medical C. WI	100,128	0	0	100,128	0	0	0	0	0	0
95	U. AK Fairbanks all campuses	98,330	4,432	54,550	20,466	0	1	274	476	3,152	14,979
96	VA Commonwealth U.	97,576	0	448	84,142	838	4,543	2,983	850	0	3,772
97	Brown U.	96,922	5,313	4,769	58,180	4,442	7,335	1,290	3,048	0	12,545
98	UT State U.	96,242	405	5,396	29,485	473	2,652	2,275	1,507	2,059	51,990
99	Tufts U.	95,964	755	224	78,944	682	4,189	2,682	283	0	8,205
100	U. TX Health Science Ctr. San Antonio	95,110	0	0	95,110	0	0	0	0	0	0
101	MS State U.	94,073	5,688	4,230	35,967	420	5,948	6,105	1,301	3,422	30,992
102	Rockefeller U.	93,742	0	0	87,515	1,407	4,820	0	0	0	0
103	U. GA	92,652	763	4,167	71,076	1,160	5,355	6,921	2,098	0	1,112
104	Georgetown U.	92,268	11	0	87,005	145	3,050	1,151	906	0	0
105	U. OK all campuses	90,880	821	14,226	58,849	267	5,614	1,166	2,343	0	7,594

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
106	U. SC all campuses	89,294	1,466	17,948	25,345	2,029	9,289	9,411	4,693	2,615	16,498
107	U. NH	86,416	302	51,335	11,565	160	4,083	81	3,223	1,019	14,648
108	Tulane U.	84,052	0	319	73,191	1,319	1,469	218	3,179	0	4,357
109	Thomas Jefferson U.	82,551	0	0	82,551	0	0	0	0	0	0
110	U. VT	82,519	0	367	72,542	870	847	1,642	205	4,946	1,100
111	WA State U.	81,324	0	739	46,776	305	12,217	481	4,594	2,736	13,476
112	U. DE	79,640	1,564	8,093	14,419	873	12,252	2,876	3,420	4,998	31,145
113	MT State U. Bozeman	75,362	58	1,660	42,269	817	13,828	0	1,390	4,960	10,380
114	George Washington U.	75,209	1,055	62	23,065	38,015	2,310	1,667	2,959	23	6,053
115	U. Louisville	70,481	474	241	55,384	132	2,333	3,690	488	12	7,727
116	U. MA Amherst	69,642	8,523	3,030	23,047	1,972	17,898	3,511	1,221	2	10,438
117	Drexel U.	68,499	5,040	0	34,728	281	2,672	1,062	0	0	24,716
118	U. MS all campuses	67,717	47	309	44,961	10	15,226	0	166	0	6,998
119	U. CA, Santa Cruz	66,390	1,494	10,604	7,997	380	17,231	591	858	0	27,235
120	U. AR for Medical Sciences	66,127	0	0	66,127	0	0	0	0	0	0
121	U. NV, Reno	64,476	704	6,510	32,678	220	13,243	550	685	481	9,405
122	WV U.	63,764	279	4,697	36,965	359	3,285	123	698	49	17,309
123	U. CA, Riverside	58,023	1,340	4,631	23,109	300	7,985	1,581	797	1	18,279
124	U. Dayton	56,779	562	33	1,321	48	180	0	0	0	54,635
125	Clemson U.	56,268	540	0	14,138	963	5,038	794	4,242	206	30,347
126	NM State U. all campuses	55,801	1,457	825	14,071	109	7,491	1,266	1,748	468	28,366
127	U. of Notre Dame	55,710	3,172	0	12,039	1,319	16,774	4,639	2,091	5,063	10,613
128	Naval Postgraduate School	54,528	3,543	13,899	0	4,228	4,781	0	3,059	13,297	11,721
129	Rice U.	53,880	8,690	1,899	8,982	3,389	12,738	727	704	0	16,751
130	KS State U.	52,649	1,323	331	28,933	336	5,887	282	1,308	6,005	8,244
131	Temple U.	50,904	589	164	37,051	252	3,957	6,543	694	0	1,654
132	NM Institute of Mining and Technology	47,901	821	44	143	0	13,505	0	0	3,304	30,084
133	U. ID	47,018	906	2,062	28,417	317	2,333	27	937	1,449	10,570
134	U. RI	46,898	628	20,220	13,532	14	617	1,449	32	6,544	3,862
135	U. OR	46,583	3,105	1,819	22,085	696	7,700	7,104	3,938	0	136
136	FL International U.	45,894	3,132	3,569	10,483	112	8,778	1,216	4,437	0	14,167
137	Auburn U. all campuses	45,540	13	1,298	18,800	173	3,811	549	1,301	1,403	18,192
138	ND State U. all campuses	45,418	447	153	12,390	149	13,176	3,008	6,641	1,073	8,381
139	St. Louis U. all campuses	45,183	0	862	43,444	151	504	0	22	0	200
140	Rush U.	45,044	0	0	43,754	0	0	1,290	0	0	0
141	U. MD Baltimore County	44,830	1,015	19,163	8,029	1,306	3,855	1,115	3,115	1,074	6,158

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
142	Rensselaer Polytechnic Institute	44,690	2,490	1,309	2,376	2,656	6,354	1,402	353	0	27,750
143	U. AL Huntsville, The	44,636	7,335	6,727	836	297	7,169	24	492	0	21,756
144	Charles R. Drew U. of Medicine and Science	44,394	0	0	44,394	0	0	0	0	0	0
145	U. NV, Las Vegas	42,772	634	15,989	7,907	191	5,489	97	640	0	11,825
146	Medical C. GA	41,555	0	0	41,555	0	0	0	0	0	0
147	U. ME	41,394	166	13,410	11,790	69	2,067	432	4,043	2,823	6,594
148	Brandeis U.	41,184	1,261	0	22,277	393	7,089	2,610	7,554	0	0
149	Uniformed Services U. of the Health Sciences	39,461	0	0	36,611	0	0	2,850	0	0	0
150	U. ND all campuses	38,848	0	7,298	13,044	3	1,089	103	3	234	17,074
151	U. Houston	38,559	2,695	1,431	11,984	1,263	3,790	6,318	2,916	0	8,162
152	U. Central FL	37,974	93	7,398	1,838	265	11,494	1,219	822	3,890	10,955
153	OK State U. all campuses	37,943	256	520	17,572	140	2,826	173	1,435	3,257	11,764
154	Northeastern U.	36,071	1,196	122	8,709	274	6,829	1,714	451	0	16,776
155	George Mason U.	35,911	4,484	10,112	6,270	4,791	542	2,069	3,669	0	3,974
156	NJ Institute of Technology	35,489	1,782	0	0	1,779	7,086	0	99	5,238	19,505
157	San Diego State U.	35,351	202	2,028	16,530	399	1,676	4,952	812	48	8,704
158	TX A&M U. System Health Science Ctr.	35,214	0	1,056	33,369	0	0	72	21	0	696
159	Howard U.	34,959	0	0	24,297	173	2,705	111	890	2,312	4,471
160	U. Southern MS	34,577	267	13,456	8,221	3	7,312	194	384	3,675	1,065
161	U. MT-Missoula, The	33,039	148	742	25,869	1,130	3,663	529	958	0	0
162	U. MD Biotechnology Institute	32,005	0	5,460	26,545	0	0	0	0	0	0
163	U. AR main campus	31,926	23	1,317	14,637	151	7,179	47	568	0	8,004
164	U. PR Medical Sciences Campus	31,199	0	0	31,199	0	0	0	0	0	0
165	Meharry Medical C.	30,914	0	0	30,914	0	0	0	0	0	0
166	Jackson State U.	30,783	2,364	4,074	8,885	1,259	3,836	620	248	7,100	2,397
167	Desert Research Institute	30,407	0	27,838	869	0	0	0	1,179	521	0
168	C. of William and Mary all campuses	29,121	780	17,625	1,332	472	4,645	217	930	3,120	0
169	Loma Linda U.	28,788	0	0	28,583	0	0	0	205	0	0
170	Hampton U.	28,584	0	16,791	2,405	219	5,133	0	0	2,864	1,172
171	Old Dominion U.	27,506	976	3,042	1,981	505	2,808	1,012	591	0	16,591
172	SUNY Upstate Medical U.	27,247	0	0	27,247	0	0	0	0	0	0
173	NY Medical C.	26,579	0	0	26,579	0	0	0	0	0	0
174	U. WY	25,844	138	4,529	14,852	122	2,312	299	825	881	1,886
175	Loyola U. Chicago	25,420	28	0	24,084	7	185	322	92	702	0
176	Syracuse U. all campuses	25,299	2,798	1,852	1,688	839	4,295	4,555	960	20	8,292

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
177	SUNY Health Science Ctr. Brooklyn	25,184	0	0	25,184	0	0	0	0	0	0
178	Morehouse School of Medicine	25,156	0	0	25,156	0	0	0	0	0	0
179	GA State U.	24,968	338	86	8,480	57	4,131	7,902	3,974	0	0
180	FL A&M U.	24,902	175	3,797	14,438	8	3,483	11	0	81	2,909
181	San Jose State U.	23,197	39	10,050	482	269	1,571	8,471	197	95	2,023
182	U. AL, The	22,847	3,685	904	2,734	52	2,269	1,814	690	19	10,680
183	Stevens Institute of Technology	22,501	2,780	3,771	335	113	922	0	0	493	14,087
184	Wright State U. all campuses	22,430	1,480	311	15,007	254	1,409	757	10	0	3,202
185	U. MO-Rolla	22,351	122	2,848	599	0	2,763	0	10	0	16,009
186	TX Tech U.	22,278	635	3,487	5,477	446	2,776	394	2,576	19	6,468
187	CUNY The City C.	21,408	271	144	6,015	402	7,090	331	0	0	7,155
188	CO School of Mines	20,543	0	635	0	166	3,862	0	20	5,868	9,992
189	U. TX San Antonio	20,277	2,985	454	12,075	49	1,060	114	1,514	0	2,026
190	Southern IL U. Carbondale	20,108	22	766	14,007	95	518	753	950	2,068	929
191	U. TX Dallas	19,954	2,613	180	2,847	50	6,629	3,153	742	0	3,740
192	FL Atlantic U.	19,952	1,005	556	5,368	780	1,879	508	0	0	9,856
193	OH U. all campuses	19,573	0	359	4,206	102	3,519	1,171	709	0	9,507
194	Eastern VA Medical School	19,399	0	0	19,399	0	0	0	0	0	0
195	U. TX El Paso	19,331	1,553	2,731	7,532	358	2,447	962	699	0	3,049
196	U. North TX Health Science Ctr. Ft. Worth	19,183	0	0	19,183	0	0	0	0	0	0
197	IL Institute of Technology	19,121	1,567	0	7,255	298	3,241	875	0	0	5,885
198	U. TX Arlington	19,006	0	232	746	299	4,869	1,344	363	0	11,153
199	Portland State U.	18,797	2,790	2,908	4,891	288	1,327	376	3,924	0	2,293
200	MI Technological U.	18,757	411	5,484	83	463	1,428	0	161	30	10,697
201	U. MA Lowell	18,741	434	3,440	2,655	82	6,533	108	899	43	4,547
202	CUNY Hunter C.	18,472	264	20	7,076	30	6,452	4,290	340	0	0
203	Boston C.	18,344	0	6,288	2,330	600	5,833	471	2,822	0	0
204	Lehigh U.	18,248	1,089	999	1,911	139	2,959	336	9	0	10,806
205	Brigham Young U. all campuses	17,309	738	251	4,003	292	3,444	314	418	0	7,849
206	U. SD	17,308	38	20	16,171	0	665	244	170	0	0
207	San Francisco State U.	17,255	225	4,227	5,940	1,068	2,745	1,583	1,063	240	164
208	U. PR Rio Piedras Campus	16,881	0	947	2,727	618	11,128	1,300	50	111	0
209	U. Toledo	16,534	0	1,765	3,988	12	3,293	145	443	0	6,888
210	Wichita State U.	16,302	59	14	1,043	176	1,375	1,699	2,640	0	9,296
211	U. MO-Kansas City	15,965	102	0	12,789	57	962	1,475	107	0	473
212	U. Memphis, The	15,964	759	1,216	2,093	257	305	5,850	3,573	0	1,911

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
213	NC Agricultural and Technical State U.	15,885	563	0	5,475	0	728	0	208	0	8,911
214	U. WI Milwaukee	15,867	233	3,538	2,520	781	3,358	698	2,972	0	1,767
215	Marshall U.	15,360	0	22	9,461	1	175	0	0	11	5,690
216	U. South AL	15,147	0	1,568	11,976	112	123	409	209	0	750
217	Medical U. OH	14,607	0	0	14,607	0	0	0	0	0	0
218	Rochester Institute of Technology	14,581	150	186	1,463	47	6,487	68	502	0	5,678
219	Northern AZ U.	14,305	23	1,062	11,866	23	649	0	205	11	466
220	Catholic U. America, The	13,264	0	0	1,397	0	10,213	414	40	5	1,195
221	U. MD Ctr. for Environmental Science	12,860	0	12,860	0	0	0	0	0	0	0
222	SD State U.	12,788	22	318	9,591	0	460	0	588	32	1,777
223	U. of the VI	12,518	0	0	7,552	0	0	0	4,950	0	16
224	SUNY Binghamton	12,213	482	412	1,013	178	1,378	2,680	1,840	0	4,230
225	Morgan State U.	12,199	41	0	1,747	2,313	929	0	704	0	6,465
226	Mercer U. all campuses	11,741	0	0	1,762	0	11	0	41	0	9,927
227	Northern IL U.	11,696	277	696	2,198	153	3,073	1,319	340	0	3,640
228	U. Southern ME	11,662	0	366	2,519	0	0	0	8,777	0	0
229	ID State U.	11,661	683	1,371	3,972	20	4,590	0	213	474	338
230	U. LA Lafayette	11,596	552	9	7,583	186	24	402	342	1,611	887
231	U. Akron all campuses	11,433	0	140	1,713	416	3,964	46	1,064	0	4,090
232	Western MI U.	11,214	119	1,010	2,902	1,946	3,904	31	249	0	1,053
233	Albany Medical C.	11,152	0	0	11,152	0	0	0	0	0	0
234	U. NC Charlotte	10,792	1,868	378	2,996	416	3,056	91	274	0	1,713
235	East Carolina U.	10,657	51	692	8,477	49	959	86	300	3	40
236	U. PR Mayaguez Campus	10,645	0	3,260	737	137	2,408	0	43	16	4,044
237	TN State U.	10,216	23	0	5,235	259	725	0	918	0	3,056
238	Worcester Polytechnic Institute	10,193	806	0	397	987	872	0	15	0	7,116
239	Clark Atlanta U.	10,008	1,214	0	2,973	0	4,030	99	126	793	773
240	U. NC Wilmington	9,884	120	6,370	2,096	0	670	628	0	0	0
241	SD School of Mines and Technology	9,834	8	1,409	0	0	663	0	0	1,672	6,082
242	TX Tech U. Health Science Ctr.	9,713	0	0	9,713	0	0	0	0	0	0
243	U.S. Air Force Academy	9,678	252	0	386	0	2,941	0	148	1,364	4,587
244	U. MA Dartmouth	9,516	67	5,281	772	972	641	107	229	0	1,447
245	Rosalind Franklin U. of Medicine and Science	9,507	0	0	9,489	0	0	18	0	0	0
246	Southern Methodist U.	9,303	271	2,488	1,907	459	1,495	1,088	162	0	1,433
247	Prairie View A&M U.	9,067	89	0	4,327	111	1,130	0	0	142	3,268
248	Tuskegee U.	8,971	0	0	6,280	0	179	0	1,525	0	987

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
249	CA State U. Los Angeles	8,672	0	977	1,431	159	4,085	183	249	0	1,588
250	U. MA Boston	8,610	316	639	1,519	82	383	1,106	2,073	2,398	94
251	U. Denver	8,543	56	12	1,929	0	2,448	1,937	80	0	2,081
252	CA State U. Long Beach	8,368	767	186	2,085	121	617	367	1	107	4,117
253	U. North TX	8,343	259	625	1,238	123	1,009	48	494	0	4,547
254	Clarkson U.	8,280	0	0	524	333	2,105	0	16	0	5,302
255	Universidad Central del Caribe	8,206	0	0	8,206	0	0	0	0	0	0
256	Kent State U. all campuses	8,198	246	247	2,398	60	3,585	1,255	407	0	0
257	U. Tulsa	7,964	2,997	195	687	0	643	467	272	0	2,703
258	TX A&M U. Corpus Christi	7,798	270	2,029	2,319	1,646	1,242	0	0	83	209
259	U. HI Hilo	7,678	92	3,473	1,736	0	345	0	0	1,972	60
260	Marquette U.	7,566	53	0	3,805	294	847	186	68	0	2,313
261	AL A&M U.	7,537	0	0	5,543	3	1,782	0	0	0	209
262	Polytechnic U.	7,486	1,150	0	0	325	1,900	0	0	0	4,111
263	Boise State U.	7,448	48	1,720	1,927	66	439	0	81	0	3,167
264	U. GU	7,324	0	1,068	6,256	0	0	0	0	0	0
265	Western KY U.	7,079	40	147	1,950	5	4,571	356	0	0	10
266	Teachers C. Columbia U.	6,770	1	0	2,612	0	0	3,734	423	0	0
267	NC Central U.	6,597	0	795	3,772	471	612	947	0	0	0
268	DE State U.	6,506	0	0	4,582	788	869	0	233	0	34
269	U.S. Naval Academy	6,487	268	59	0	570	1,320	0	275	0	3,995
270	CA State Polytechnic U. San Luis Obispo	6,461	594	988	2,229	106	117	34	51	2,030	312
271	CUNY Queens C.	6,422	32	264	4,421	0	652	909	144	0	0
272	U. AK Anchorage all campuses	6,333	0	566	3,540	0	9	148	1,672	327	71
273	Oakland U.	6,205	450	0	1,799	23	1,896	47	0	0	1,990
274	FL Institute of Technology	6,138	812	694	991	53	2,293	0	0	0	1,295
275	Fisk U.	6,000	0	0	0	0	6,000	0	0	0	0
276	VA State U.	5,813	0	0	5,660	0	3	0	0	0	150
277	LA Tech U.	5,769	456	161	1,869	90	530	0	0	0	2,663
278	Alcorn State U.	5,706	0	0	5,706	0	0	0	0	0	0
279	Tarleton State U.	5,488	0	448	4,959	75	6	0	0	0	0
280	Bowling Green State U. all campuses	5,408	137	34	1,789	13	1,454	745	915	0	321
281	Morehouse C.	5,378	16	0	719	4	543	483	3,613	0	0
282	CA State U. San Bernardino	5,367	703	84	327	63	44	392	45	3,554	155
283	Air Force Institute of Technology	5,212	661	26	0	248	1,761	0	0	118	2,398
284	U. NC Greensboro	5,211	0	0	3,565	180	511	869	86	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
285	CA State U. Northridge	5,200	0	699	256	1,000	1,016	788	40	1,082	319
286	Cleveland State U.	5,159	23	215	1,524	0	273	7	473	0	2,644
287	Ball State U.	5,119	302	0	3,482	160	326	24	672	0	153
288	U. MO-St. Louis	5,046	0	0	2,331	211	1,297	83	1,124	0	0
289	MT Tech of the U. MT	5,040	0	1,489	616	0	388	0	0	0	2,547
290	Ponce School of Medicine	5,022	0	0	5,022	0	0	0	0	0	0
291	New School, The	4,854	4,547	0	0	0	0	203	104	0	0
292	Wesleyan U.	4,744	0	105	2,253	67	1,478	637	204	0	0
293	East TN State U.	4,713	83	0	4,344	0	105	82	32	67	0
294	TX A&M U. Kingsville	4,625	0	408	2,623	0	198	0	0	0	1,396
295	Norfolk State U.	4,621	588	0	229	204	3,183	0	79	0	338
296	Southwest MO State U.	4,615	0	136	381	7	4,091	0	0	0	0
297	Lincoln U. (Jefferson City, MO)	4,367	0	710	1,878	0	0	0	518	1,261	0
298	U. MD Eastern Shore	4,367	0	2,400	1,651	0	243	0	0	0	73
299	TX Southern U.	4,225	15	2	1,979	164	2,033	0	0	32	0
300	St. Francis U. (Loretto, PA)	4,114	0	168	3,946	0	0	0	0	0	0
301	CA State U. Fullerton	4,083	0	550	1,863	0	90	40	1,381	0	159
302	U. PR Humacao	4,080	0	0	569	222	3,289	0	0	0	0
303	C. Charleston	3,967	39	2,574	897	111	191	12	31	112	0
304	AR State U. main campus	3,938	1	0	567	0	3,349	0	0	0	21
305	U. DC	3,813	16	138	1,531	16	462	0	879	9	762
306	Xavier U. LA	3,783	258	0	2,101	21	1,271	0	0	0	132
307	CA State U. Monterey Bay	3,779	27	3,077	675	0	0	0	0	0	0
308	U. AR Pine Bluff	3,777	0	0	3,409	0	356	0	12	0	0
309	CUNY Herbert H. Lehman C.	3,733	231	0	1,280	106	165	1,798	75	78	0
310	Stephen F. Austin State U.	3,695	0	0	1,217	0	0	0	8	2,470	0
311	Langston U.	3,661	0	0	3,661	0	0	0	0	0	0
312	TN Technological U.	3,601	50	4	430	110	182	158	0	0	2,667
313	James Madison U.	3,576	1,345	165	1,138	93	331	0	119	23	362
314	Southern U. and A&M C. all campuses	3,496	54	1,844	265	0	890	0	168	0	275
315	U. West FL	3,400	1,505	0	1,421	184	17	89	103	81	0
316	TX Christian U.	3,318	34	43	204	0	713	2,297	0	0	27
317	Rowan U.	3,293	0	0	76	1,267	179	638	93	0	1,040
318	CUNY Brooklyn C.	3,258	811	0	546	0	1,401	500	0	0	0
319	KY State U.	3,254	0	0	3,211	0	0	0	0	0	43
320	Nova Southeastern U.	3,204	0	1,276	1,281	0	0	647	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
321	Clark U.	3,192	0	908	992	0	587	438	267	0	0
322	Duquesne U.	3,171	0	0	1,973	219	957	0	22	0	0
323	DePaul U.	3,160	761	72	138	33	55	1,875	211	15	0
324	IL State U.	3,156	0	14	2,511	41	548	37	5	0	0
325	U. TX-Pan American	3,139	169	121	1,201	8	0	112	34	0	1,494
326	U. CA, Merced	3,135	0	463	1,010	21	415	0	154	0	1,072
327	Spelman C.	2,901	239	0	1,706	146	643	159	8	0	0
328	Kettering U.	2,882	0	0	0	0	0	0	0	0	2,882
329	Western WA U.	2,878	0	649	663	41	911	112	502	0	0
330	Wellesley C.	2,819	0	16	779	31	538	26	247	1,182	0
331	Smith C.	2,796	313	72	884	24	350	412	23	20	698
332	Northeastern OH Universities C. of Medicine	2,754	0	0	2,754	0	0	0	0	0	0
333	Eastern MI U.	2,611	0	0	607	20	276	217	144	0	1,347
334	FL Gulf Coast U.	2,598	0	1,419	796	0	380	0	0	3	0
335	Ft. Valley State U.	2,570	0	0	2,570	0	0	0	0	0	0
336	St. Joseph's U.	2,566	551	0	471	0	4	0	361	1,179	0
337	Humboldt State U.	2,548	74	157	2,055	94	0	0	38	0	130
338	CUNY Graduate Ctr.	2,544	465	0	0	0	0	15	1,080	984	0
339	CA State U. Dominguez Hills	2,530	322	192	811	752	138	93	222	0	0
340	CA State Polytechnic U. Pomona	2,502	0	0	2,128	0	0	0	0	0	374
341	West TX A&M U.	2,489	0	213	1,248	0	0	0	41	0	987
342	Fordham U.	2,441	0	0	1,639	0	6	403	393	0	0
343	Alfred U. all campuses	2,364	0	102	0	0	50	747	0	0	1,465
344	Savannah State U.	2,342	0	1,392	381	0	0	0	0	0	569
345	CA State U. Bakersfield	2,301	0	200	1,475	0	163	0	463	0	0
346	Central State U.	2,263	116	116	232	0	116	0	116	0	1,567
347	Williams C.	2,141	NA	NA	NA	NA	NA	NA	NA	NA	NA
348	U. North FL	2,120	0	0	466	29	1,181	75	56	0	313
349	Barnard C.	2,098	0	152	208	89	294	1,354	1	0	0
350	Long Island U. all campuses	2,088	0	0	1,845	0	120	10	113	0	0
351	CA State U. East Bay	2,037	0	212	817	250	758	0	0	0	0
352	Chicago State U.	1,994	0	0	0	0	0	0	0	1,994	0
353	Gallaudet U.	1,959	0	0	467	0	0	1,476	0	16	0
354	Bowie State U.	1,951	1,827	0	124	0	0	0	0	0	0
355	Lawrence Technological U.	1,939	0	0	0	0	0	0	0	0	1,939
356	Black Hills State U.	1,925	0	79	1,816	10	1	0	0	0	19

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
357	TX State U. San Marcos	1,872	175	209	309	0	1,179	0	0	0	0
358	WV State U.	1,867	0	0	1,867	0	0	0	0	0	0
359	Bucknell U.	1,802	0	0	431	0	559	0	0	244	568
360	Shaw U.	1,800	0	318	1,342	140	0	0	0	0	0
361	Lamar U.	1,785	7	374	0	0	24	0	0	222	1,158
362	Mt. Holyoke C.	1,780	75	409	275	224	720	67	10	0	0
363	U. Baltimore	1,757	0	0	0	0	0	0	1,757	0	0
364	SUNY C. of Optometry	1,753	0	0	1,753	0	0	0	0	0	0
365	U. NC Asheville	1,745	0	671	112	7	797	0	139	9	10
366	U. LA Monroe	1,743	0	0	493	0	0	0	1,250	0	0
367	Hope C.	1,710	201	80	711	35	630	0	0	0	53
368	Amherst C.	1,708	0	144	536	78	586	237	127	0	0
369	Monmouth U.	1,690	1,359	287	0	0	44	0	0	0	0
370	Rose-Hulman Institute of Technology	1,689	54	0	0	0	1,601	0	0	0	34
371	AL State U.	1,685	0	0	1,612	0	0	0	73	0	0
372	Swarthmore C.	1,682	4	0	572	20	491	355	3	78	159
373	American U.	1,678	55	0	69	3	757	272	522	0	0
374	U. WI La Crosse	1,618	131	560	510	0	245	0	0	0	172
375	U. Northern CO	1,590	0	173	384	57	524	0	143	309	0
376	Sul Ross State U.	1,586	0	1,022	495	0	0	0	69	0	0
377	Appalachian State U.	1,576	0	127	971	0	178	141	159	0	0
378	SUNY C. Old Westbury	1,570	0	0	918	0	646	0	6	0	0
379	CA State U. Fresno	1,561	0	0	1,187	0	140	234	0	0	0
380	OR Institute of Technology	1,550	88	1	0	0	0	0	0	0	1,461
381	PA C. of Optometry	1,543	0	0	1,543	0	0	0	0	0	0
382	Central WA U.	1,494	213	935	59	37	112	0	138	0	0
383	Bowdoin C.	1,484	45	158	845	32	285	96	23	0	0
384	SUNY C. Plattsburgh	1,461	0	495	73	0	893	0	0	0	0
385	CUNY York C.	1,455	0	0	1,455	0	0	0	0	0	0
386	GA Southern U.	1,406	28	411	741	67	138	21	0	0	0
387	Southeastern LA U.	1,402	0	0	1,268	0	124	0	10	0	0
388	Central MI U.	1,368	0	69	267	255	646	97	5	8	21
389	Western Carolina U.	1,362	41	898	228	0	120	0	17	58	0
390	U. WI Superior	1,360	0	782	0	82	0	0	496	0	0
391	Ithaca C.	1,358	140	0	464	408	275	71	0	0	0
392	Carleton C.	1,323	0	713	209	140	222	39	0	0	0
393	Jacksonville State U.	1,315	0	118	1,197	0	0	0	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
394	U. Richmond	1,310	0	0	331	194	631	109	45	0	0
395	Southern IL U. Edwardsville	1,305	239	103	502	74	173	0	0	12	202
396	CUNY C. Staten Island	1,302	0	0	98	119	959	70	0	0	56
397	Northern KY U.	1,280	0	0	442	0	448	228	162	0	0
398	Baylor U.	1,269	85	248	203	29	447	105	30	0	122
399	Pittsburg State U.	1,255	0	0	120	0	32	0	0	0	1,103
400	Bates C.	1,226	2	80	721	0	410	0	13	0	0
401	Eastern OR U.	1,206	0	0	376	0	593	237	0	0	0
402	Benedict C.	1,201	42	42	860	79	42	0	0	0	136
403	Seton Hall U.	1,184	0	0	1,054	0	130	0	0	0	0
404	U. New England	1,178	0	273	905	0	0	0	0	0	0
405	Midwestern U. (Chicago, IL)	1,168	0	0	1,168	0	0	0	0	0	0
406	Hamilton C. (Clinton, NY)	1,160	12	213	107	0	465	233	130	0	0
407	SUNY C. Buffalo	1,150	0	171	26	0	37	180	736	0	0
408	IN State U. all campuses	1,147	0	353	123	0	310	353	8	0	0
409	U. of the Pacific	1,142	0	0	656	0	477	0	0	0	9
410	U. Redlands	1,126	0	1,065	0	0	61	0	0	0	0
411	New England C. of Optometry	1,125	0	0	1,125	0	0	0	0	0	0
412	Albany State U.	1,119	0	413	0	0	0	0	0	0	706
413	St. John's U. (Jamaica, NY)	1,118	0	0	96	0	287	735	0	0	0
414	Sam Houston State U.	1,115	47	663	331	0	0	0	0	74	0
415	Colgate U.	1,111	0	411	319	0	314	12	55	0	0
416	Claremont Graduate U.	1,093	115	0	0	0	0	835	143	0	0
417	NM Highlands U.	1,084	0	0	0	0	1,069	15	0	0	0
418	C. of the Holy Cross	1,078	2	0	239	150	303	384	0	0	0
419	Youngstown State U.	1,067	0	1	31	8	904	0	8	0	115
420	Colby C.	1,054	168	50	442	0	175	68	151	0	0
421	Pomona C.	1,053	83	23	289	11	112	517	18	0	0
422	Loyola Marymount U.	1,044	0	0	114	103	40	230	0	0	557
423	Furman U.	1,029	51	134	374	0	404	66	0	0	0
424	Murray State U.	1,005	10	254	542	95	74	0	0	0	30
425	Harvey Mudd C.	1,003	259	0	95	95	376	0	0	0	178
426	Bryn Mawr C.	998	42	164	212	55	303	222	0	0	0
427	Morehead State U.	997	0	0	179	0	92	207	497	22	0
428	Macalester C.	983	0	238	228	41	368	68	40	0	0
429	Lafayette C.	976	0	59	95	102	147	0	0	0	573
430	Roger Williams U. Bristol	960	0	364	480	0	116	0	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
431	U. WI Green Bay	950	0	874	0	0	0	0	76	0	0
432	Franklin & Marshall C.	945	0	146	193	17	586	0	3	0	0
433	U. WI Stevens Point	945	7	485	413	0	13	0	27	0	0
434	Coastal Carolina U.	936	0	766	35	0	135	0	0	0	0
435	Clafin U.	930	0	0	930	0	0	0	0	0	0
436	SUNY C. Oswego	918	0	18	1	0	111	637	76	75	0
437	Western U. of Health Sciences	905	0	0	905	0	0	0	0	0	0
438	Vassar C.	902	103	0	334	1	334	0	107	0	23
439	Towson U.	894	265	0	181	21	328	0	99	0	0
440	U. Hartford	891	125	0	0	0	5	0	0	0	761
441	U. WI Eau Claire	844	5	69	130	6	593	41	0	0	0
442	Augustana C. (Sioux Falls, SD)	842	18	0	684	0	140	0	0	0	0
443	U. Central OK	841	0	0	150	0	0	0	0	0	691
444	Northeastern State U.	833	0	0	833	0	0	0	0	0	0
445	St. Cloud State U.	832	0	24	466	0	81	0	261	0	0
446	SUNY C. Geneseo	802	112	0	55	191	413	30	0	1	0
447	Northwestern Health Sciences U.	800	0	0	800	0	0	0	0	0	0
448	U. CA Office of the President	796	0	0	130	0	0	0	0	666	0
449	MS Valley State U.	794	191	0	102	0	26	0	0	0	475
450	Sinte Gleska U.	793	161	582	0	0	50	0	0	0	0
451	Milwaukee School of Engineering	786	0	0	487	0	39	0	0	0	260
452	CT C.	785	3	0	305	0	384	55	38	0	0
453	MT State U. Billings	760	0	68	581	33	57	0	21	0	0
454	Philadelphia U.	759	0	0	0	0	0	0	0	759	0
455	Universidad del Turabo	759	0	63	186	0	322	0	0	0	188
456	U. IL Springfield	747	0	0	0	0	22	0	714	11	0
457	U. Scranton	740	0	0	326	0	414	0	0	0	0
458	Trinity U.	717	0	22	315	91	215	67	5	0	2
459	U. WI Oshkosh	692	22	0	579	0	83	7	0	1	0
460	Occidental C.	690	0	89	32	0	292	0	272	5	0
461	Philadelphia C. of Osteopathic Medicine	681	0	0	681	0	0	0	0	0	0
462	Governors State U.	680	53	0	601	0	8	0	18	0	0
463	TX Woman's U.	637	0	0	636	0	0	0	0	1	0
464	Middle TN State U.	636	44	0	238	36	249	0	48	0	21
465	CUNY Medgar Evers C.	630	6	223	164	0	237	0	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
466	U. West GA	628	28	130	131	5	304	0	30	0	0
467	Ft. Lewis C.	616	0	5	175	0	329	0	94	0	13
468	Lincoln U. (Lincoln University, PA)	606	0	0	158	0	448	0	0	0	0
469	SUNY C. Brockport	606	0	0	438	0	165	0	0	3	0
470	Reed C.	598	0	0	291	0	81	196	30	0	0
471	Southern U. New Orleans	592	0	0	56	0	0	0	0	536	0
472	Elizabeth City State U.	590	0	74	407	109	0	0	0	0	0
473	Christopher Newport U.	587	0	0	279	0	278	30	0	0	0
474	Mt. St. Mary's C. (Los Angeles, CA)	581	0	0	462	0	119	0	0	0	0
475	Augsburg C.	579	76	417	0	1	79	0	0	0	6
476	CO State U. Pueblo	573	0	0	299	0	187	0	0	0	87
477	Grambling State U.	566	0	0	237	0	329	0	0	0	0
478	Hendrix C.	558	0	56	154	0	272	0	0	0	76
479	Fayetteville State U.	554	0	0	0	0	0	0	554	0	0
480	Jarvis Christian C.	553	17	81	159	18	182	2	10	0	84
481	Southern OR U.	553	0	98	322	0	34	0	99	0	0
482	Oberlin C.	548	0	260	58	0	115	27	88	0	0
483	Calvin C.	543	0	19	88	65	275	96	0	0	0
484	U.S. Coast Guard Academy	542	1	0	0	2	0	0	2	0	537
485	Union C. (Schenectady, NY)	534	1	98	75	19	200	2	0	0	139
486	CUNY John Jay C. of Criminal Justice	532	0	0	0	16	0	515	1	0	0
487	Hofstra U.	529	3	0	338	0	116	0	0	0	72
488	Mercy C.	525	0	30	395	0	0	0	100	0	0
489	Albany C. of Pharmacy	524	0	0	524	0	0	0	0	0	0
490	Fuller Theological Seminary CA	500	0	0	0	0	0	500	0	0	0
491	U. Northern IA	500	33	36	260	0	19	0	152	0	0
492	Maharishi U. of Management	499	0	0	499	0	0	0	0	0	0
493	U. of the Sciences Philadelphia	499	0	0	499	0	0	0	0	0	0
494	Valparaiso U.	487	0	0	24	74	330	0	0	0	59
495	Central CT State U.	479	0	0	119	0	207	0	153	0	0
496	Southeastern OK State U.	476	0	0	111	0	365	0	0	0	0
497	Millsaps C.	471	0	0	471	0	0	0	0	0	0
498	National U. of Health Sciences	460	0	0	460	0	0	0	0	0	0
499	John Carroll U.	452	0	0	118	334	0	0	0	0	0
500	Mercyhurst C.	449	0	0	0	0	0	0	310	139	0
501	Evergreen State C.	448	75	241	118	0	0	0	0	14	0
502	Eastern KY U.	447	0	21	88	0	321	0	17	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
503	West Liberty State C.	442	0	0	442	0	0	0	0	0	0
504	Lewis and Clark C.	437	16	0	346	0	75	0	0	0	0
505	U. TX Tyler	436	223	0	30	19	0	0	40	0	124
506	Western IL U.	435	0	0	161	0	274	0	0	0	0
507	Sarah Lawrence C.	434	0	0	59	0	244	0	0	131	0
508	Tougaloo C.	434	6	0	329	6	78	0	0	15	0
509	Skidmore C.	430	0	0	297	0	21	112	0	0	0
510	Drake U.	416	0	51	115	0	181	21	14	34	0
511	St. Olaf C.	415	0	0	231	0	184	0	0	0	0
512	Eastern WA U.	411	0	42	158	0	0	0	211	0	0
513	U. AK Southeast all campuses	409	0	117	212	0	0	0	15	57	8
514	Pace U. all campuses	408	0	153	185	0	0	0	19	0	51
515	Bradley U.	405	0	0	97	0	186	0	0	0	122
516	Rhodes C.	396	0	0	119	0	106	171	0	0	0
517	Providence C.	392	0	34	353	0	5	0	0	0	0
518	U. San Francisco	386	15	9	73	0	117	104	68	0	0
519	Point Loma Nazarene C.	376	0	0	183	0	193	0	0	0	0
520	Nicholls State U.	374	0	0	40	32	0	0	0	0	302
521	Hampshire C.	373	17	107	148	0	85	0	0	16	0
522	Trinity C. (Hartford, CT)	373	54	82	31	0	52	100	22	0	32
523	Rider U.	372	0	0	372	0	0	0	0	0	0
524	U. Puget Sound	364	0	36	34	0	0	0	192	102	0
525	Universidad del Este	363	0	0	363	0	0	0	0	0	0
526	Ursinus C.	357	0	3	297	0	57	0	0	0	0
527	Bluefield State C.	356	0	0	356	0	0	0	0	0	0
528	U. Portland	352	0	85	35	66	166	0	0	0	0
529	Gettysburg C.	350	0	0	100	0	154	24	72	0	0
530	Indiana U. PA all campuses	336	9	2	0	0	58	43	224	0	0
531	Grand Valley State U.	332	10	159	33	0	21	8	0	0	101
532	Muhlenberg C.	326	0	0	326	0	0	0	0	0	0
533	Bridgewater State C.	324	0	47	0	0	277	0	0	0	0
534	St. Mary's C. MD	305	0	0	111	0	15	179	0	0	0
535	Universidad Metropolitana	298	0	121	138	0	39	0	0	0	0
536	Whitman C.	297	0	232	40	0	25	0	0	0	0
537	Lawrence U.	296	0	25	14	0	257	0	0	0	0
538	Manhattan C.	294	0	0	0	0	9	0	0	0	285
539	Washington and Lee U.	287	29	0	84	3	171	0	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
540	U. San Diego	280	0	82	138	0	60	0	0	0	0
541	McNeese State U.	279	0	258	21	0	0	0	0	0	0
542	Cheyney U. PA	278	0	0	278	0	0	0	0	0	0
543	A.T. Still U. of Health Sciences	273	0	0	273	0	0	0	0	0	0
544	OH Wesleyan U.	271	0	0	90	0	0	181	0	0	0
545	NY Institute of Technology all campuses	267	0	0	0	0	0	0	0	0	267
546	Pacific U.	263	0	0	125	0	138	0	0	0	0
547	Kalamazoo C.	257	0	0	171	40	46	0	0	0	0
548	U. WI River Falls	257	0	5	30	0	212	0	10	0	0
549	U. Houston-Downtown	256	0	0	0	12	244	0	0	0	0
550	Heritage U. (Toppenish, WA)	254	0	0	254	0	0	0	0	0	0
551	Johnson C. Smith U.	251	0	0	0	0	149	102	0	0	0
552	U. WI Parkside	248	13	18	205	0	3	1	8	0	0
553	Gustavus Adolphus C.	244	0	103	31	13	97	0	0	0	0
554	U. Houston-Clear Lake	244	19	8	154	45	0	18	0	0	0
555	Mayville State U.	243	0	0	243	0	0	0	0	0	0
556	Chapman U.	236	0	53	136	42	5	0	0	0	0
557	Carlos Albizu U. (San Juan, PR)	234	0	0	0	0	0	234	0	0	0
558	U. of St. Thomas (St. Paul, MN)	232	94	0	69	0	53	0	0	0	16
559	Davidson C.	230	0	0	12	7	8	187	16	0	0
560	Truman State U.	227	0	0	95	110	22	0	0	0	0
561	U. Detroit Mercy	225	0	0	36	0	122	0	5	0	62
562	Kennesaw State U.	222	138	0	84	0	0	0	0	0	0
563	Andrews U.	219	0	0	1	121	61	0	36	0	0
564	Sonoma State U.	219	0	0	151	0	0	0	0	0	68
565	U. WI Whitewater	219	0	0	173	0	44	0	2	0	0
566	Troy U. main campus	217	36	0	40	0	141	0	0	0	0
567	Allegheny C.	207	0	59	53	0	95	0	0	0	0
568	Dickinson C.	201	0	22	65	0	64	50	0	0	0
569	SUNY C. Cortland	201	0	115	56	0	7	0	22	1	0
570	Denison U.	200	0	1	81	12	106	0	0	0	0
571	Abilene Christian U.	187	0	0	0	3	184	0	0	0	0
572	Berry C.	187	0	1	69	28	14	75	0	0	0
573	U. WI Stout	184	0	0	31	135	0	0	0	18	0
574	St. Mary's U. (San Antonio, TX)	183	0	0	0	0	0	0	0	0	183
575	Grinnell C.	180	0	0	0	174	6	0	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
576	TX A&M U. Commerce	174	82	0	0	0	92	0	0	0	0
577	Juniata C.	167	0	0	141	0	26	0	0	0	0
578	West Chester U. PA	167	0	0	122	0	45	0	0	0	0
579	Fairfield U.	162	0	0	0	0	61	32	68	1	0
580	U. NC Pembroke	160	0	0	0	0	160	0	0	0	0
581	Canisius C.	159	0	0	68	36	55	0	0	0	0
582	Loyola U. New Orleans	158	0	0	93	0	65	0	0	0	0
583	Simmons C.	155	0	0	40	0	1	0	0	114	0
584	Des Moines U.	153	0	0	153	0	0	0	0	0	0
585	Fitchburg State C.	151	0	0	151	0	0	0	0	0	0
586	Wabash C.	147	0	0	0	65	79	0	3	0	0
587	Pitzer C.	146	0	0	0	75	0	71	0	0	0
588	Roanoke C.	144	0	0	19	0	125	0	0	0	0
589	VA Military Institute	120	0	0	0	0	10	0	0	0	110
590	Willamette U.	114	0	0	1	0	57	0	0	56	0
591	IL Wesleyan U.	113	0	0	72	0	37	4	0	0	0
592	Lake Forest C.	113	0	0	113	0	0	0	0	0	0
593	C. NJ, The	105	0	0	16	52	0	0	15	0	22
594	La Salle U.	101	0	0	101	0	0	0	0	0	0
595	Southeast MO State U.	98	0	0	77	0	21	0	0	0	0
596	Augustana C. (Rock Island, IL)	97	0	61	36	0	0	0	0	0	0
597	MN State U. Mankato	93	6	0	29	0	2	0	0	0	56
598	CUNY Baruch C.	90	0	0	0	15	0	75	0	0	0
599	King's C. (Wilkes-Barre, PA)	85	0	0	0	0	0	0	85	0	0
600	Saginaw Valley State U.	57	0	0	0	1	9	0	0	0	47
601	U. of the South	57	39	11	0	0	0	0	7	0	0
602	SUNY Fredonia	52	0	0	19	0	33	0	0	0	0
603	Wilkes U.	49	0	49	0	0	0	0	0	0	0
604	Radford U.	47	0	2	43	0	0	0	2	0	0
605	Northeastern IL U.	40	0	3	1	30	0	6	0	0	0
606	U. WI Platteville	29	0	0	0	0	29	0	0	0	0
607	Kansas City U. of Medicine and Biosciences	28	0	0	28	0	0	0	0	0	0

TABLE 75. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0

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

nec = not elsewhere classified.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Federal R&D expenditures total is for only those respondents who reported federal agency detail of zero or more and does not match total for all survey respondents. Detail may not add to total federal expenditures in this table because some institutions were unable to provide complete agency data. Data are not adjusted for nonresponse. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	2,718,166	295,318	157,974	446,050	37,475	324,498	33,054	37,824	61,202	1,324,771
1	PA State U. all campuses	148,881	20,977	5,394	1,892	3,016	11,172	135	2	0	106,293
2	GA Institute of Technology all campuses	135,058	19,137	1,174	86	150	4,797	545	47	0	109,122
3	U. TX Austin	92,051	21,540	511	74	467	25,000	302	155	0	44,002
4	MA Institute of Technology	90,162	8,830	4,379	2,003	451	3,421	0	189	506	70,383
5	Carnegie Mellon U.	72,670	49,954	0	0	183	894	2,076	618	1,316	17,629
6	U. Southern CA	61,778	43,877	260	5,605	274	603	0	1,115	0	10,044
7	U. MD College Park	60,614	8,100	187	228	591	5,949	344	20,998	0	24,217
8	Stanford U.	60,564	6,402	339	4,586	2,223	9,459	0	1,152	0	36,403
9	U. HI Manoa	59,101	20,777	4,304	3,310	0	18,874	0	25	3,850	7,961
10	U. MI all campuses	52,826	133	0	14,537	314	1,964	198	188	0	35,492
11	U. Dayton	51,810	388	0	644	0	131	0	0	0	50,647
12	Naval Postgraduate School	47,786	2,063	12,173	0	3,790	3,988	0	2,859	12,573	10,340
13	U. CA, Santa Barbara	33,718	587	136	47	26	2,143	171	0	0	30,608
14	U. IL Urbana-Champaign	32,452	5,976	908	1,128	240	3,156	757	377	338	19,572
15	MS State U.	32,002	3,662	1,427	150	88	820	3,877	0	2,195	19,783
16	U. CA, San Diego	30,345	8	13,543	4,439	52	2,083	64	778	0	9,378
17	TX A&M U. all campuses	28,790	112	1,934	5,353	2,031	1,963	42	71	0	17,284
18	U. CA, Los Angeles	27,734	1,294	78	8,173	747	5,451	54	0	0	11,937
19	U. AK Fairbanks all campuses	27,338	3,963	14,585	562	0	0	0	0	0	8,228
20	U. WI Madison	24,795	1,428	1,297	8,573	194	1,548	471	0	0	11,284
21	Uniformed Services U. of the Health Sciences	23,877	0	0	21,027	0	0	2,850	0	0	0
22	UT State U.	23,510	155	210	1,838	0	395	0	28	0	20,884
23	OH State U. all campuses	23,217	4,275	346	2,727	471	878	46	602	0	13,872
24	U. CA, Berkeley	22,974	0	0	928	124	5,370	0	88	0	16,464
25	Purdue U. all campuses	21,620	511	243	1,762	191	872	812	637	1,937	14,655
26	Johns Hopkins U., The ^a	21,439	854	126	12,351	352	864	0	0	0	6,892
27	Duke U.	21,293	827	739	8,725	23	3,748	0	0	0	7,231
28	AZ State U. main campus	20,901	1,160	0	1,669	447	881	398	40	0	16,306
29	VA Polytechnic Institute and State U.	20,535	403	0	6,203	279	1,288	0	0	0	12,362
30	Vanderbilt U.	19,936	0	0	3,425	19	3,965	0	0	0	12,527
31	Princeton U.	19,319	762	1,122	170	351	3,286	592	0	0	13,036
32	CA Institute of Technology	18,915	351	0	339	138	8,188	0	0	872	9,027
33	SUNY Buffalo all campuses	18,868	360	0	5,518	0	2,007	0	8	0	10,975
34	ND State U. all campuses	18,433	3	0	234	0	10,637	358	0	0	7,201

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
35	U. South FL	18,338	0	6,855	7,567	0	314	6	0	0	3,596
36	U. FL	18,016	868	199	2,375	13	2,630	230	1	0	11,700
37	Georgetown U.	17,329	0	0	17,142	0	187	0	0	0	0
38	FL State U.	17,317	810	869	12	424	398	0	60	0	14,744
39	U. AL Huntsville, The	16,927	3,533	0	0	156	328	0	230	0	12,680
40	Stevens Institute of Technology	16,905	1,924	3,047	0	0	297	0	0	252	11,385
41	U. SC all campuses	16,689	458	1,125	309	1,061	1,263	3,335	306	0	8,832
42	Northwestern U.	16,642	0	0	4,638	659	4,715	348	80	547	5,655
43	U. NM all campuses	16,639	373	86	2,269	79	7,699	231	345	240	5,317
44	Woods Hole Oceanographic Institution	16,380	0	6,972	0	0	0	0	0	0	9,408
45	U. CO all campuses	16,242	489	1,177	1,959	123	5,688	2,072	0	777	3,957
46	CO State U.	16,031	850	9,891	1,514	37	1,086	66	29	0	2,558
47	U. CA, Riverside	15,857	62	69	143	23	364	0	0	0	15,196
48	NM State U. all campuses	15,788	403	54	108	14	1,060	928	185	1	13,035
49	Cornell U. all campuses	15,518	4,624	62	2,551	0	485	154	0	0	7,642
50	U. DE	15,511	205	797	301	196	542	0	0	0	13,470
51	U. VA all campuses	15,150	1,077	110	2,449	67	1,126	93	0	0	10,228
52	Drexel U.	14,900	2,191	0	454	0	0	0	0	0	12,255
53	U. Pittsburgh all campuses	14,624	222	0	10,913	33	1,546	143	65	678	1,024
54	U. MN all campuses	14,037	4,107	214	3,177	98	976	137	0	0	5,328
55	U. AZ	13,893	134	78	3,175	1,549	2,228	0	8	0	6,721
56	U. NE all campuses	13,795	1,046	66	5,948	62	1,251	0	0	0	5,422
57	U. MS all campuses	13,752	10	0	425	0	11,431	0	0	0	1,886
58	U. Central FL	13,652	0	0	155	34	7,006	1,219	0	3,746	1,492
59	Boston U.	13,155	275	30	1,635	68	1,772	139	0	5,096	4,140
60	U. PA	13,148	1,408	0	6,143	1,182	1,677	0	0	0	2,738
61	LA State U. all campuses	12,770	201	155	7,157	125	3,013	0	217	2	1,900
62	U. TX M. D. Anderson Cancer Ctr.	12,559	0	0	12,193	97	0	269	0	0	0
63	NC State U.	12,059	71	393	494	372	2,587	0	0	0	8,142
64	OR State U.	12,036	1,691	4,372	1,489	55	99	0	0	189	4,141
65	U. Miami	11,406	0	7,227	3,307	3	568	0	0	0	301
66	George Mason U.	11,328	2,573	1,773	1,747	2,372	216	546	213	0	1,888
67	Old Dominion U.	11,137	155	145	0	62	282	387	32	0	10,074
68	OK State U. all campuses	10,829	206	14	549	0	761	0	301	1,088	7,910
69	Harvard U.	10,595	174	243	1,591	0	5,929	126	0	0	2,532
70	Case Western Reserve U.	10,041	0	0	4,435	188	453	46	0	0	4,919

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	U. Rochester	10,002	73	0	3,565	0	664	373	0	0	5,327
72	Mercer U. all campuses	9,927	0	0	0	0	0	0	0	0	9,927
73	U. MO-Rolla	9,485	0	2,627	0	0	158	0	0	0	6,700
74	Columbia U. in the City of NY	9,397	752	771	6,172	0	64	0	0	40	1,598
75	San Diego State U.	9,395	0	9	956	34	0	177	1	0	8,218
76	WA State U.	9,374	0	0	862	0	3,548	0	68	0	4,896
77	U. MA Lowell	9,362	0	2,869	7	0	5,996	0	0	0	490
78	Wayne State U.	8,915	9	0	3,843	120	637	0	0	0	4,306
79	Brown U.	8,902	0	0	1,466	1,262	469	0	0	0	5,705
80	Loma Linda U.	8,853	0	0	8,853	0	0	0	0	0	0
81	U. CA, Irvine	8,728	378	0	4,084	382	1,035	343	0	0	2,506
82	U. WA	8,408	69	391	3,980	60	305	12	0	0	3,591
83	IA State U.	8,335	272	94	140	341	628	0	18	0	6,842
84	Rutgers, The State U. NJ all campuses	8,306	1,389	1,173	1,706	236	1,225	56	31	0	2,490
85	U.S. Air Force Academy	8,165	239	0	386	0	2,246	0	99	867	4,328
86	U. of Notre Dame	8,111	33	0	1,960	0	237	2	0	254	5,625
87	Emory U.	7,977	0	0	6,167	75	1,486	249	0	0	0
88	MT State U. Bozeman	7,913	0	0	1,708	211	3,665	0	0	12	2,317
89	U. CA, Davis	7,898	127	288	2,320	208	335	0	0	0	4,620
90	U. CA, San Francisco	7,842	0	0	7,727	0	115	0	0	0	0
91	Rensselaer Polytechnic Institute	7,794	418	0	40	632	203	1,282	0	0	5,219
92	U. IA	7,745	29	121	2,639	40	1,598	0	0	0	3,318
93	U. CT all campuses	7,641	107	121	2,278	126	1,286	0	0	0	3,723
94	U. IL Chicago	7,403	341	67	1,859	246	1,696	0	0	464	2,730
95	U. ME	7,331	154	2,189	58	15	999	0	0	336	3,580
96	U. TX Health Science Ctr. Houston	7,209	0	0	7,209	0	0	0	0	0	0
97	U. UT	7,087	1,661	121	1,613	70	2,238	0	0	0	1,384
98	NJ Institute of Technology	7,081	11	0	0	253	2,891	0	0	193	3,733
99	MI State U.	6,984	941	0	1,010	45	1,908	718	381	0	1,981
100	U. AL Birmingham, The	6,956	0	0	4,680	0	161	0	0	0	2,115
101	Desert Research Institute	6,937	0	6,148	268	0	0	0	0	521	0
102	U. TX Southwestern Medical Ctr. Dallas	6,883	0	0	6,883	0	0	0	0	0	0
103	Rice U.	6,779	177	0	189	395	3,384	55	0	0	2,579
104	Yale U.	6,720	940	0	2,511	0	264	106	0	0	2,899
105	Mt. Sinai School of Medicine	6,702	0	0	6,702	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
106	Clemson U.	6,584	132	0	480	71	141	295	0	0	5,465
107	U. MA Amherst	6,421	1,447	0	366	0	2,521	0	0	0	2,087
108	SD School of Mines and Technology	6,411	8	481	0	0	546	0	0	1,039	4,337
109	Wright State U. all campuses	6,399	955	24	1,570	46	919	512	0	0	2,373
110	Jackson State U.	6,340	1,664	0	24	0	924	0	0	1,527	2,201
111	Rochester Institute of Technology	6,320	0	0	0	0	1,543	0	0	0	4,777
112	U. Chicago	6,270	223	0	3,670	199	1,816	219	143	0	0
113	Northeastern U.	6,265	3	17	0	5	583	121	0	0	5,536
114	Auburn U. all campuses	5,994	13	0	233	0	726	0	0	573	4,449
115	Boston C.	5,994	0	5,741	0	0	253	0	0	0	0
116	U.S. Naval Academy	5,994	266	59	0	570	1,237	0	252	0	3,610
117	U. TX Arlington	5,991	0	0	0	152	1,421	453	0	0	3,965
118	U. Cincinnati all campuses	5,840	0	0	3,344	35	464	226	0	0	1,771
119	SUNY Stony Brook all campuses	5,800	304	62	1,392	62	2,072	591	0	0	1,317
120	VA Commonwealth U.	5,788	0	0	3,683	0	531	0	0	0	1,574
121	Medical U. SC	5,756	0	0	5,756	0	0	0	0	0	0
122	FL International U.	5,754	67	108	130	0	364	0	66	0	5,019
123	IN U. all campuses	5,732	63	0	4,681	88	746	31	123	0	0
124	Wake Forest U.	5,704	73	0	4,374	96	1,161	0	0	0	0
125	C. of William and Mary all campuses	5,638	0	2,340	23	5	1,381	0	93	1,796	0
126	NY U.	5,590	568	0	2,545	792	198	0	237	1,250	0
127	U. KY all campuses	5,574	0	63	1,433	71	256	0	0	82	3,669
128	U. RI	5,275	118	3,590	26	0	174	0	0	27	1,340
129	U. OR	5,259	733	0	1,727	11	1,654	399	735	0	0
130	OR Health & Science U.	5,248	1,795	0	3,453	0	0	0	0	0	0
131	Baylor C. of Medicine	5,188	0	0	5,188	0	0	0	0	0	0
132	U. of Medicine and Dentistry NJ	5,044	0	0	5,044	0	0	0	0	0	0
133	FL Atlantic U.	5,033	561	0	606	158	0	0	0	0	3,708
134	U. Southern MS	5,001	202	1,455	418	0	1,145	0	0	818	963
135	NC Agricultural and Technical State U.	4,887	194	0	0	0	150	0	0	0	4,543
136	Scripps Research Institute, The	4,887	0	0	4,887	0	0	0	0	0	0
137	U. Louisville	4,859	96	1	1,068	0	802	80	0	0	2,812
138	Washington U. St. Louis	4,821	100	0	2,756	0	510	144	0	0	1,311
139	MI Technological U.	4,817	148	0	0	0	223	0	0	0	4,446
140	U. North TX	4,794	0	423	186	35	193	0	13	0	3,944
141	U. CA, Santa Cruz	4,668	98	1,146	3	0	713	0	0	0	2,708
142	New School, The	4,621	4,547	0	0	0	0	0	74	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
143	U. MO-Columbia	4,595	220	74	355	73	1,129	18	61	0	2,665
144	U. MD Baltimore	4,561	0	0	4,561	0	0	0	0	0	0
145	U. TX San Antonio	4,496	2,525	0	813	0	206	0	0	0	952
146	U. ID	4,487	23	0	464	0	683	0	0	185	3,132
147	CA State U. Long Beach	4,447	767	0	42	0	115	0	0	0	3,523
148	Brigham Young U. all campuses	4,433	23	0	17	25	243	0	44	0	4,081
149	WV U.	4,288	0	289	248	77	738	0	17	0	2,919
150	TX Tech U.	4,284	0	1,702	55	33	155	0	0	0	2,339
151	U. TX Dallas	4,125	540	37	589	10	1,371	652	153	0	773
152	Lehigh U.	4,043	140	0	83	0	791	0	0	0	3,029
153	Air Force Institute of Technology	3,988	30	26	0	75	1,608	0	0	0	2,249
154	St. Francis U. (Loretto, PA)	3,946	0	0	3,946	0	0	0	0	0	0
155	Southwest MO State U.	3,926	0	0	0	0	3,926	0	0	0	0
156	U. TN all campuses	3,897	0	0	1,902	0	198	0	140	501	1,156
157	U. NH	3,834	217	844	31	7	737	0	0	166	1,832
158	SUNY Albany	3,814	0	501	1,001	0	936	0	108	0	1,268
159	U. KS all campuses	3,732	0	152	2,210	0	655	7	164	0	544
160	Worcester Polytechnic Institute	3,633	79	0	0	0	402	0	0	0	3,152
161	U. TX Medical Branch	3,620	0	0	3,334	0	0	0	0	0	286
162	CA State U. San Bernardino	3,529	0	0	11	0	0	0	0	3,518	0
163	CO School of Mines	3,453	0	60	0	0	805	0	0	90	2,498
164	U. OK all campuses	3,367	25	473	1,109	20	289	279	4	0	1,168
165	Northern IL U.	3,334	0	0	396	0	27	7	0	0	2,904
166	U. NV, Reno	3,280	254	0	1,622	0	597	0	1	110	696
167	Marshall U.	3,231	0	0	0	0	0	0	0	0	3,231
168	NM Institute of Mining and Technology	3,142	250	0	0	0	0	0	0	2,454	438
169	U. AR main campus	3,064	0	122	0	0	817	0	3	0	2,122
170	U. NC Charlotte	2,998	323	0	0	95	2,504	0	0	0	76
171	Yeshiva U.	2,891	0	0	2,891	0	0	0	0	0	0
172	Southern Methodist U.	2,699	232	2,121	55	159	0	0	0	0	132
173	AR State U. main campus	2,687	0	0	0	0	2,687	0	0	0	0
174	U. NV, Las Vegas	2,676	0	0	8	11	696	0	0	0	1,961
175	Tufts U.	2,574	100	0	574	201	183	1	25	0	1,490
176	Tulane U.	2,546	0	99	1,374	151	23	0	0	0	899
177	TX A&M U. Corpus Christi	2,533	0	226	2,305	0	0	0	0	0	2
178	Howard U.	2,498	0	0	1,047	36	126	0	418	301	570

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
179	Dartmouth C.	2,474	45	0	590	0	15	0	0	266	1,558
180	Stephen F. Austin State U.	2,425	0	0	31	0	0	0	0	2,394	0
181	U. TX El Paso	2,366	313	981	0	213	139	0	24	0	696
182	Hampton U.	2,306	0	186	42	46	197	0	0	1,799	36
183	Syracuse U. all campuses	2,286	19	0	430	60	442	0	0	0	1,335
184	Clarkson U.	2,209	0	0	0	0	1,382	0	0	0	827
185	Temple U.	2,188	0	28	565	69	1,245	0	0	0	281
186	U. TX Health Science Ctr. San Antonio	2,187	0	0	2,187	0	0	0	0	0	0
187	U. NC Chapel Hill	2,186	442	1	23	44	107	0	1,569	0	0
188	U. WY	2,124	61	272	594	16	370	0	107	0	704
189	CUNY The City C.	2,120	271	0	0	145	1,591	0	0	0	113
190	U. ND all campuses	2,082	0	529	309	0	30	0	0	0	1,214
191	Medical C. WI	1,991	0	0	1,991	0	0	0	0	0	0
192	Thomas Jefferson U.	1,957	0	0	1,957	0	0	0	0	0	0
193	Oakland U.	1,949	0	0	0	0	394	0	0	0	1,555
194	U. Memphis, The	1,822	124	0	244	0	0	44	0	0	1,410
195	SUNY Binghamton	1,809	65	0	0	0	128	0	0	0	1,616
196	U. PR Mayaguez Campus	1,780	0	167	0	80	823	0	0	0	710
197	Morgan State U.	1,769	0	0	0	0	18	0	0	0	1,751
198	George Washington U.	1,738	223	0	118	297	112	137	30	0	821
199	U. MD Baltimore County	1,716	0	167	489	2	309	0	3	0	746
200	Boise State U.	1,699	0	13	0	0	0	0	42	0	1,644
201	Prairie View A&M U.	1,538	89	0	0	111	158	0	0	0	1,180
202	Rose-Hulman Institute of Technology	1,476	38	0	0	0	1,438	0	0	0	0
203	Wichita State U.	1,475	0	0	0	0	25	0	0	0	1,450
204	Lincoln U. (Jefferson City, MO)	1,388	0	127	0	0	0	0	0	1,261	0
205	Southern IL U. Carbondale	1,368	0	126	921	0	13	0	0	0	308
206	U. Akron all campuses	1,361	0	0	0	38	1,047	0	0	0	276
207	Portland State U.	1,355	168	0	522	0	151	0	172	0	342
208	U. North FL	1,306	0	0	186	0	1,120	0	0	0	0
209	Lawrence Technological U.	1,304	0	0	0	0	0	0	0	0	1,304
210	U. WI Milwaukee	1,291	0	567	108	170	301	0	0	0	145
211	Monmouth U.	1,264	1,264	0	0	0	0	0	0	0	0
212	U. MT-Missoula, The	1,247	0	0	162	8	1,077	0	0	0	0
213	U. West FL	1,233	605	0	628	0	0	0	0	0	0
214	Polytechnic U.	1,231	0	0	0	0	0	0	0	0	1,231

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
215	FL A&M U.	1,223	0	0	0	0	0	0	0	0	1,223
216	St. Joseph's U.	1,179	0	0	0	0	0	0	0	1,179	0
217	Kettering U.	1,103	0	0	0	0	0	0	0	0	1,103
218	OH U. all campuses	1,022	0	0	137	17	260	0	0	0	608
219	U. Redlands	1,016	0	1,016	0	0	0	0	0	0	0
220	FL Institute of Technology	1,015	598	352	0	19	0	0	0	0	46
221	Fisk U.	1,000	0	0	0	0	1,000	0	0	0	0
222	East Carolina U.	997	51	0	933	11	0	0	0	0	2
223	U. Tulsa	979	652	0	0	0	0	158	25	0	144
224	U. MA Worcester	976	0	0	976	0	0	0	0	0	0
225	Eastern MI U.	970	0	0	0	0	0	0	0	0	970
226	U. Houston	961	0	0	0	13	357	0	0	0	591
227	U. Toledo	941	0	0	28	0	78	0	0	0	835
228	U. LA Lafayette	936	95	0	56	0	0	0	0	594	191
229	Pittsburg State U.	925	0	0	0	0	0	0	0	0	925
230	Meharry Medical C.	827	0	0	827	0	0	0	0	0	0
231	DE State U.	823	0	0	1	788	0	0	0	0	34
232	LA Tech U.	787	46	0	0	0	0	0	0	0	741
233	U. MD Biotechnology Institute	773	0	171	602	0	0	0	0	0	0
234	ID State U.	771	683	88	0	0	0	0	0	0	0
235	Lamar U.	749	0	0	0	0	0	0	0	0	749
236	FL Gulf Coast U.	745	0	0	745	0	0	0	0	0	0
237	U. PR Rio Piedras Campus	744	0	0	0	185	559	0	0	0	0
238	U. AL, The	743	82	0	0	0	191	0	0	0	470
239	U. AK Anchorage all campuses	727	0	0	701	0	0	0	26	0	0
240	CUNY Hunter C.	709	0	0	0	0	709	0	0	0	0
241	IL Institute of Technology	687	54	0	0	0	0	77	0	0	556
242	Western MI U.	684	0	175	32	0	0	0	0	0	477
243	San Jose State U.	637	0	220	0	0	0	0	0	0	417
244	U. NC Greensboro	617	0	0	617	0	0	0	0	0	0
245	U. MD Ctr. for Environmental Science	594	0	594	0	0	0	0	0	0	0
246	TN State U.	586	0	0	5	22	0	0	31	0	528
247	Bowling Green State U. all campuses	585	0	0	135	13	417	20	0	0	0
248	MT Tech of the U. MT	585	0	0	0	0	0	0	0	0	585
249	CA State Polytechnic U. San Luis Obispo	583	562	21	0	0	0	0	0	0	0
250	Catholic U. America, The	579	0	0	16	0	383	8	0	0	172

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
251	CA State U. Los Angeles	576	0	0	0	37	0	183	0	0	356
252	U. VT	548	0	51	0	72	140	0	0	0	285
253	Loyola U. Chicago	536	0	0	505	2	0	0	29	0	0
254	GA State U.	515	0	1	0	16	498	0	0	0	0
255	U. Denver	465	0	0	10	0	0	0	0	0	455
256	Clark Atlanta U.	462	336	0	0	0	104	0	0	20	2
257	Brandeis U.	451	451	0	0	0	0	0	0	0	0
258	U. TX-Pan American	437	0	11	130	7	0	0	0	0	289
259	Central MI U.	433	0	0	0	0	433	0	0	0	0
260	Northern AZ U.	402	0	0	183	0	151	0	0	0	68
261	Rush U.	384	0	0	384	0	0	0	0	0	0
262	Eastern VA Medical School	380	0	0	380	0	0	0	0	0	0
263	U. AR for Medical Sciences	376	0	0	376	0	0	0	0	0	0
264	U. NC Wilmington	371	0	371	0	0	0	0	0	0	0
265	U. Scranton	370	0	0	1	0	369	0	0	0	0
266	Philadelphia U.	362	0	0	0	0	0	0	0	362	0
267	AL A&M U.	357	0	0	54	0	247	0	0	0	56
268	Charles R. Drew U. of Medicine and Science	341	0	0	341	0	0	0	0	0	0
269	Southern U. and A&M C. all campuses	324	52	0	0	0	193	0	79	0	0
270	CA State U. Northridge	305	0	0	0	0	108	0	0	0	197
271	TX A&M U. System Health Science Ctr.	303	0	0	303	0	0	0	0	0	0
272	Appalachian State U.	297	0	0	297	0	0	0	0	0	0
273	U. MO-St. Louis	291	0	0	0	167	122	0	2	0	0
274	St. Louis U. all campuses	290	0	91	13	0	186	0	0	0	0
275	Kent State U. all campuses	284	65	0	0	0	219	0	0	0	0
276	U. MA Boston	284	0	131	0	0	153	0	0	0	0
277	Central State U.	280	0	0	0	0	30	0	0	0	250
278	IL State U.	280	0	0	280	0	0	0	0	0	0
279	U. TX Tyler	280	185	0	11	0	0	0	0	0	84
280	Rosalind Franklin U. of Medicine and Science	277	0	0	277	0	0	0	0	0	0
281	NC Central U.	273	0	0	19	3	251	0	0	0	0
282	NY Institute of Technology all campuses	267	0	0	0	0	0	0	0	0	267
283	U. GA	263	0	0	263	0	0	0	0	0	0
284	Medical C. GA	261	0	0	261	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
285	Nova Southeastern U.	252	0	0	0	0	0	252	0	0	0
286	U. MA Dartmouth	243	16	227	0	0	0	0	0	0	0
287	Humboldt State U.	228	0	0	216	0	0	0	12	0	0
288	Marquette U.	214	0	0	0	0	105	0	0	0	109
289	Morehouse C.	206	0	0	0	0	206	0	0	0	0
290	San Francisco State U.	205	0	29	36	0	123	0	0	0	17
291	TN Technological U.	203	0	0	0	0	0	0	0	0	203
292	CA State U. Bakersfield	200	0	200	0	0	0	0	0	0	0
293	CA State U. Dominguez Hills	200	200	0	0	0	0	0	0	0	0
294	Mercy C.	200	0	0	200	0	0	0	0	0	0
295	Rockefeller U.	193	0	0	193	0	0	0	0	0	0
296	Medical U. OH	187	0	0	187	0	0	0	0	0	0
297	Northeastern OH Universities C. of Medicine	175	0	0	175	0	0	0	0	0	0
298	U. MO-Kansas City	173	0	0	73	0	0	100	0	0	0
299	U. New England	172	0	0	172	0	0	0	0	0	0
300	Xavier U. LA	170	80	0	90	0	0	0	0	0	0
301	Trinity U.	169	0	0	169	0	0	0	0	0	0
302	SUNY Health Science Ctr. Brooklyn	164	0	0	164	0	0	0	0	0	0
303	NY Medical C.	163	0	0	163	0	0	0	0	0	0
304	Tuskegee U.	152	0	0	25	0	0	0	0	0	127
305	U. South AL	150	0	0	150	0	0	0	0	0	0
306	CA State U. Monterey Bay	149	0	149	0	0	0	0	0	0	0
307	Lewis and Clark C.	148	0	0	148	0	0	0	0	0	0
308	Teachers C. Columbia U.	146	0	0	146	0	0	0	0	0	0
309	CUNY Queens C.	130	0	0	0	0	130	0	0	0	0
310	U. AR Pine Bluff	120	0	0	108	0	0	0	12	0	0
311	U. Southern ME	113	0	0	113	0	0	0	0	0	0
312	Hamilton C. (Clinton, NY)	110	0	0	0	0	110	0	0	0	0
313	Elizabeth City State U.	109	0	0	0	109	0	0	0	0	0
314	U. SD	109	0	0	109	0	0	0	0	0	0
315	Clark U.	103	0	0	0	0	103	0	0	0	0
316	Bryn Mawr C.	100	0	0	0	0	0	100	0	0	0
317	Northeastern State U.	95	0	0	95	0	0	0	0	0	0
318	CT C.	92	0	0	0	0	92	0	0	0	0
319	Seton Hall U.	87	0	0	87	0	0	0	0	0	0
320	SUNY C. Buffalo	86	0	86	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
321	Towson U.	84	84	0	0	0	0	0	0	0	0
322	St. Cloud State U.	83	0	9	74	0	0	0	0	0	0
323	Universidad del Turabo	82	0	0	0	0	82	0	0	0	0
324	Eastern WA U.	79	0	0	0	0	0	0	79	0	0
325	U. North TX Health Science Ctr. Ft. Worth	78	0	0	78	0	0	0	0	0	0
326	Spelman C.	77	0	0	75	2	0	0	0	0	0
327	Tarleton State U.	75	0	0	0	75	0	0	0	0	0
328	OR Institute of Technology	73	0	0	0	0	0	0	0	0	73
329	Indiana U. PA all campuses	67	9	0	0	0	58	0	0	0	0
330	Western KY U.	67	0	0	0	0	67	0	0	0	0
331	Rhodes C.	66	0	0	0	0	66	0	0	0	0
332	East TN State U.	65	0	0	65	0	0	0	0	0	0
333	Coastal Carolina U.	64	0	64	0	0	0	0	0	0	0
334	CUNY C. Staten Island	61	0	0	0	5	0	0	0	0	56
335	SUNY C. Oswego	61	0	0	0	0	0	0	61	0	0
336	U. HI Hilo	60	0	0	0	0	0	0	0	0	60
337	Albany Medical C.	58	0	0	58	0	0	0	0	0	0
338	U. CA, Merced	56	0	0	0	0	56	0	0	0	0
339	SD State U.	55	0	0	5	0	50	0	0	0	0
340	TX Tech U. Health Science Ctr.	55	0	0	55	0	0	0	0	0	0
341	C. Charleston	53	35	0	0	18	0	0	0	0	0
342	James Madison U.	52	0	0	0	0	0	0	0	0	52
343	Norfolk State U.	52	0	0	0	0	52	0	0	0	0
344	Franklin & Marshall C.	48	0	48	0	0	0	0	0	0	0
345	Bowdoin C.	47	0	0	0	0	47	0	0	0	0
346	TX A&M U. Kingsville	44	0	35	0	0	9	0	0	0	0
347	U. LA Monroe	43	0	0	43	0	0	0	0	0	0
348	CUNY Herbert H. Lehman C.	37	0	0	0	5	32	0	0	0	0
349	Duquesne U.	37	0	0	0	0	37	0	0	0	0
350	Pace U. all campuses	37	0	0	21	0	0	0	0	0	16
351	SUNY C. Geneseo	37	0	0	0	37	0	0	0	0	0
352	U. San Diego	36	0	0	36	0	0	0	0	0	0
353	Hofstra U.	33	0	0	0	0	0	0	0	0	33
354	Amherst C.	30	0	0	0	6	24	0	0	0	0
355	CA State Polytechnic U. Pomona	30	0	0	30	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
356	GA Southern U.	29	0	0	0	29	0	0	0	0	0
357	Kansas City U. of Medicine and Biosciences	28	0	0	28	0	0	0	0	0	0
358	U. Detroit Mercy	28	0	0	0	0	0	0	0	0	28
359	U. of the Sciences Philadelphia	28	0	0	28	0	0	0	0	0	0
360	Southern IL U. Edwardsville	23	0	0	23	0	0	0	0	0	0
361	TX Christian U.	22	0	0	0	0	0	0	0	0	22
362	Baylor U.	16	0	1	0	0	0	0	0	0	15
363	Christopher Newport U.	15	0	0	15	0	0	0	0	0	0
364	IN State U. all campuses	14	0	0	0	0	14	0	0	0	0
365	U. San Francisco	12	0	0	0	0	12	0	0	0	0
366	Black Hills State U.	10	0	0	0	10	0	0	0	0	0
367	Loyola U. New Orleans	10	0	0	10	0	0	0	0	0	0
368	Harvey Mudd C.	9	0	0	0	0	0	0	0	0	9
369	U. WI La Crosse	8	0	0	0	0	0	0	0	0	8
370	VA State U.	8	0	0	5	0	3	0	0	0	0
371	Murray State U.	6	0	6	0	0	0	0	0	0	0
372	CUNY John Jay C. of Criminal Justice	4	0	0	0	4	0	0	0	0	0
373	Ball State U.	3	0	0	3	0	0	0	0	0	0
374	Reed C.	3	0	0	3	0	0	0	0	0	0
375	U. WI Stevens Point	3	0	0	0	0	3	0	0	0	0
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0	0	0	0	0
	AL State U.	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	0	0	0	0	0	0	0	0	0
	Alcorn State U.	0	0	0	0	0	0	0	0	0	0
	Alfred U. all campuses	0	0	0	0	0	0	0	0	0	0
	Allegheny C.	0	0	0	0	0	0	0	0	0	0
	American U.	0	0	0	0	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0	0	0	0	0
	Augsburg C.	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Sioux Falls, SD)	0	0	0	0	0	0	0	0	0	0
	Barnard C.	0	0	0	0	0	0	0	0	0	0
	Bates C.	0	0	0	0	0	0	0	0	0	0
	Benedict C.	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Berry C.	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0
	Bowie State U.	0	0	0	0	0	0	0	0	0	0
	Bradley U.	0	0	0	0	0	0	0	0	0	0
	Bridgewater State C.	0	0	0	0	0	0	0	0	0	0
	Bucknell U.	0	0	0	0	0	0	0	0	0	0
	CA State U. East Bay	0	0	0	0	0	0	0	0	0	0
	CA State U. Fresno	0	0	0	0	0	0	0	0	0	0
	CA State U. Fullerton	0	0	0	0	0	0	0	0	0	0
	Calvin C.	0	0	0	0	0	0	0	0	0	0
	Canisius C.	0	0	0	0	0	0	0	0	0	0
	Carleton C.	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	0	0	0	0	0	0	0	0	0	0
	Central CT State U.	0	0	0	0	0	0	0	0	0	0
	Central WA U.	0	0	0	0	0	0	0	0	0	0
	Chapman U.	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	0	0	0	0	0	0	0	0	0	0
	Chicago State U.	0	0	0	0	0	0	0	0	0	0
	Clafflin U.	0	0	0	0	0	0	0	0	0	0
	Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0
	Cleveland State U.	0	0	0	0	0	0	0	0	0	0
	Colby C.	0	0	0	0	0	0	0	0	0	0
	Colgate U.	0	0	0	0	0	0	0	0	0	0
	C. NJ, The	0	0	0	0	0	0	0	0	0	0
	C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0
	CO State U. Pueblo	0	0	0	0	0	0	0	0	0	0
	CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0
	CUNY Brooklyn C.	0	0	0	0	0	0	0	0	0	0
	CUNY Graduate Ctr.	0	0	0	0	0	0	0	0	0	0
	CUNY Medgar Evers C.	0	0	0	0	0	0	0	0	0	0
	CUNY York C.	0	0	0	0	0	0	0	0	0	0
	Davidson C.	0	0	0	0	0	0	0	0	0	0
	Denison U.	0	0	0	0	0	0	0	0	0	0
	DePaul U.	0	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	0	0	0	0	0	0	0	0	0
	Dickinson C.	0	0	0	0	0	0	0	0	0	0
	Drake U.	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Eastern KY U.	0	0	0	0	0	0	0	0	0	0
	Eastern OR U.	0	0	0	0	0	0	0	0	0	0
	Evergreen State C.	0	0	0	0	0	0	0	0	0	0
	Fairfield U.	0	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	0	0	0	0	0	0	0	0	0	0
	Fitchburg State C.	0	0	0	0	0	0	0	0	0	0
	Fordham U.	0	0	0	0	0	0	0	0	0	0
	Ft. Lewis C.	0	0	0	0	0	0	0	0	0	0
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0
	Fuller Theological Seminary CA	0	0	0	0	0	0	0	0	0	0
	Furman U.	0	0	0	0	0	0	0	0	0	0
	Gallaudet U.	0	0	0	0	0	0	0	0	0	0
	Gettysburg C.	0	0	0	0	0	0	0	0	0	0
	Governors State U.	0	0	0	0	0	0	0	0	0	0
	Grambling State U.	0	0	0	0	0	0	0	0	0	0
	Grand Valley State U.	0	0	0	0	0	0	0	0	0	0
	Grinnell C.	0	0	0	0	0	0	0	0	0	0
	Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	0	0	0	0	0	0	0	0	0	0
	Hendrix C.	0	0	0	0	0	0	0	0	0	0
	Heritage U. (Toppenish, WA)	0	0	0	0	0	0	0	0	0	0
	Hope C.	0	0	0	0	0	0	0	0	0	0
	IL Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	Ithaca C.	0	0	0	0	0	0	0	0	0	0
	Jacksonville State U.	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	Jarvis Christian C.	0	0	0	0	0	0	0	0	0	0
	John Carroll U.	0	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0
	Juniata C.	0	0	0	0	0	0	0	0	0	0
	Kalamazoo C.	0	0	0	0	0	0	0	0	0	0
	KS State U.	0	0	0	0	0	0	0	0	0	0
	Kennesaw State U.	0	0	0	0	0	0	0	0	0	0
	KY State U.	0	0	0	0	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	0	0	0	0	0	0	0	0	0	0
	La Salle U.	0	0	0	0	0	0	0	0	0	0
	Lafayette C.	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Lake Forest C.	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0
	Lawrence U.	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Lincoln University, PA)	0	0	0	0	0	0	0	0	0	0
	Long Island U. all campuses	0	0	0	0	0	0	0	0	0	0
	Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0	0	0	0	0
	Maharishi U. of Management	0	0	0	0	0	0	0	0	0	0
	Manhattan C.	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	0	0	0	0	0	0	0	0	0	0
	McNeese State U.	0	0	0	0	0	0	0	0	0	0
	Mercyhurst C.	0	0	0	0	0	0	0	0	0	0
	Middle TN State U.	0	0	0	0	0	0	0	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	0	0	0	0	0	0	0	0	0	0
	Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0
	MN State U. Mankato	0	0	0	0	0	0	0	0	0	0
	MS Valley State U.	0	0	0	0	0	0	0	0	0	0
	MT State U. Billings	0	0	0	0	0	0	0	0	0	0
	Morehead State U.	0	0	0	0	0	0	0	0	0	0
	Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0
	Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	0	0	0	0	0	0	0	0	0	0
	Muhlenberg C.	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	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
	NM Highlands U.	0	0	0	0	0	0	0	0	0	0
	Nicholls State U.	0	0	0	0	0	0	0	0	0	0
	Northeastern IL U.	0	0	0	0	0	0	0	0	0	0
	Northern KY U.	0	0	0	0	0	0	0	0	0	0
	Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	Oberlin C.	0	0	0	0	0	0	0	0	0	0
	Occidental C.	0	0	0	0	0	0	0	0	0	0
	OH Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	Pacific U.	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	PA C. of Optometry	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
	Pitzer C.	0	0	0	0	0	0	0	0	0	0
	Point Loma Nazarene C.	0	0	0	0	0	0	0	0	0	0
	Pomona C.	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0
	Providence C.	0	0	0	0	0	0	0	0	0	0
	Radford U.	0	0	0	0	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0	0	0	0	0
	Roger Williams U. Bristol	0	0	0	0	0	0	0	0	0	0
	Rowan U.	0	0	0	0	0	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0
	Sam Houston State U.	0	0	0	0	0	0	0	0	0	0
	Sarah Lawrence C.	0	0	0	0	0	0	0	0	0	0
	Savannah State U.	0	0	0	0	0	0	0	0	0	0
	Shaw U.	0	0	0	0	0	0	0	0	0	0
	Simmons C.	0	0	0	0	0	0	0	0	0	0
	Sinte Gleska U.	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0
	Smith C.	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0
	Southeast MO State U.	0	0	0	0	0	0	0	0	0	0
	Southeastern LA U.	0	0	0	0	0	0	0	0	0	0
	Southeastern OK State U.	0	0	0	0	0	0	0	0	0	0
	Southern OR U.	0	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0
	St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	0	0	0	0	0	0	0	0	0
	St. Olaf C.	0	0	0	0	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
	SUNY C. Brockport	0	0	0	0	0	0	0	0	0	0
	SUNY C. Cortland	0	0	0	0	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0
	SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	SUNY C. Plattsburgh	0	0	0	0	0	0	0	0	0	0
	SUNY Fredonia	0	0	0	0	0	0	0	0	0	0
	SUNY Upstate Medical U.	0	0	0	0	0	0	0	0	0	0
	Swarthmore C.	0	0	0	0	0	0	0	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0	0	0	0	0
	TX Southern U.	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
	TX Woman's U.	0	0	0	0	0	0	0	0	0	0
	Tougaloo C.	0	0	0	0	0	0	0	0	0	0
	Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0
	Troy U. main campus	0	0	0	0	0	0	0	0	0	0
	Truman State U.	0	0	0	0	0	0	0	0	0	0
	Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0
	Universidad del Este	0	0	0	0	0	0	0	0	0	0
	Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0
	U. AK Southeast all campuses	0	0	0	0	0	0	0	0	0	0
	U. Baltimore	0	0	0	0	0	0	0	0	0	0
	U. CA Office of the President	0	0	0	0	0	0	0	0	0	0
	U. Central OK	0	0	0	0	0	0	0	0	0	0
	U. GU	0	0	0	0	0	0	0	0	0	0
	U. Hartford	0	0	0	0	0	0	0	0	0	0
	U. Houston-Clear Lake	0	0	0	0	0	0	0	0	0	0
	U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0
	U. IL Springfield	0	0	0	0	0	0	0	0	0	0
	U. MD Eastern Shore	0	0	0	0	0	0	0	0	0	0
	U. NC Asheville	0	0	0	0	0	0	0	0	0	0
	U. NC Pembroke	0	0	0	0	0	0	0	0	0	0
	U. Northern CO	0	0	0	0	0	0	0	0	0	0
	U. Northern IA	0	0	0	0	0	0	0	0	0	0
	U. Portland	0	0	0	0	0	0	0	0	0	0
	U. PR Humacao	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
	U. Puget Sound	0	0	0	0	0	0	0	0	0	0
	U. Richmond	0	0	0	0	0	0	0	0	0	0
	U. of St. Thomas (St. Paul, MN)	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	U. DC	0	0	0	0	0	0	0	0	0	0
	U. of the Pacific	0	0	0	0	0	0	0	0	0	0
	U. of the South	0	0	0	0	0	0	0	0	0	0
	U. of the VI	0	0	0	0	0	0	0	0	0	0
	U. West GA	0	0	0	0	0	0	0	0	0	0
	U. WI Eau Claire	0	0	0	0	0	0	0	0	0	0
	U. WI Green Bay	0	0	0	0	0	0	0	0	0	0
	U. WI Oshkosh	0	0	0	0	0	0	0	0	0	0
	U. WI Parkside	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	0	0	0	0	0	0	0	0	0	0
	U. WI River Falls	0	0	0	0	0	0	0	0	0	0
	U. WI Stout	0	0	0	0	0	0	0	0	0	0
	U. WI Superior	0	0	0	0	0	0	0	0	0	0
	U. WI Whitewater	0	0	0	0	0	0	0	0	0	0
	Ursinus C.	0	0	0	0	0	0	0	0	0	0
	Valparaiso U.	0	0	0	0	0	0	0	0	0	0
	Vassar C.	0	0	0	0	0	0	0	0	0	0
	VA Military Institute	0	0	0	0	0	0	0	0	0	0
	Wabash C.	0	0	0	0	0	0	0	0	0	0
	Washington and Lee U.	0	0	0	0	0	0	0	0	0	0
	Wellesley C.	0	0	0	0	0	0	0	0	0	0
	Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	West Chester U. PA	0	0	0	0	0	0	0	0	0	0
	West Liberty State C.	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
	WV School of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0
	WV State U.	0	0	0	0	0	0	0	0	0	0
	Western Carolina U.	0	0	0	0	0	0	0	0	0	0
	Western IL U.	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
	Western WA U.	0	0	0	0	0	0	0	0	0	0
	Whitman C.	0	0	0	0	0	0	0	0	0	0
	Wilkes U.	0	0	0	0	0	0	0	0	0	0

TABLE 76. Federally financed R&D expenditures at universities and colleges, financed by the Department of Defense, ranked by DOD R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOD R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Willamette U.	0	0	0	0	0	0	0	0	0	0
	Williams C.	0	0	0	0	0	0	0	0	0	0
	Youngstown State U.	0	0	0	0	0	0	0	0	0	0

DOD = Department of Defense.

nec = not elsewhere classified.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Institutions not listed in this table did not provide federally financed R&D expenditures by federal agency; institutions that reported amounts of zero or more are included. Detail may not add to all-institution total because some respondents reporting federal agency data did not break out these data by field of science. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	1,118,454	35,893	90,673	152,699	11,443	392,844	4,205	12,565	12,109	406,023
1	U. Rochester	81,514	23	13	20	0	4,526	0	0	0	76,932
2	MA Institute of Technology	67,173	411	2,232	14	240	48,517	0	150	1,145	14,464
3	U. WI Madison	32,980	2,300	1,209	2,100	565	13,237	0	3	0	13,566
4	U. IL Urbana-Champaign	30,719	6,759	2,534	2,346	1	8,534	6	0	31	10,508
5	U. TN all campuses	26,459	2,514	720	3,494	32	7,922	0	514	1,431	9,832
6	Stanford U.	25,578	888	2,236	11,044	0	2,465	0	52	0	8,893
7	U. NV, Las Vegas	21,720	634	11,377	3,948	0	2,967	0	101	0	2,693
8	U. NV, Reno	20,409	0	3,027	863	0	10,216	0	0	0	6,303
9	PA State U. all campuses	19,731	111	1,181	1,214	13	6,487	0	0	0	10,725
10	U. CA, Los Angeles	19,618	0	283	6,049	35	7,412	0	0	0	5,839
11	U. MI all campuses	17,569	253	467	1,685	28	5,531	0	5	0	9,600
12	U. UT	17,012	2,527	429	1,338	0	2,512	52	0	0	10,154
13	U. TX Austin	16,634	291	2,399	188	456	9,502	0	145	0	3,653
14	CA Institute of Technology	16,029	209	230	1,166	24	9,976	0	0	61	4,363
15	U. WA	15,456	0	873	3,942	200	7,625	0	0	0	2,816
16	Purdue U. all campuses	14,839	111	4	1,943	6	4,245	2,504	588	855	4,583
17	TX A&M U. all campuses	13,641	415	343	614	95	5,450	0	222	0	6,502
18	MI State U.	12,900	0	227	5,691	0	4,862	0	0	0	2,120
19	GA Institute of Technology all campuses	12,843	1,408	521	373	71	1,839	0	191	54	8,386
20	U. ND all campuses	12,764	0	198	0	0	180	0	0	0	12,386
21	U. CA, San Diego	11,636	703	1,350	188	66	5,889	0	82	0	3,358
22	Harvard U.	11,622	0	2,156	4,473	0	4,308	0	0	0	685
23	Princeton U.	11,224	229	669	274	245	5,147	0	0	0	4,660
24	U. NM all campuses	11,169	1,148	178	2,827	209	2,097	299	507	0	3,904
25	MS State U.	10,952	28	37	1,540	21	3,717	0	10	0	5,599
26	OH State U. all campuses	10,685	732	25	2,143	73	4,890	0	189	0	2,633
27	U. FL	10,609	31	0	1,645	0	4,345	0	9	0	4,579
28	WV U.	10,268	0	2,622	324	17	551	0	376	0	6,378
29	U. Chicago	9,817	426	1,202	1,109	47	7,033	0	0	0	0
30	Desert Research Institute	9,807	0	8,628	0	0	0	0	1,179	0	0
31	U. GA	9,555	0	21	8,765	0	642	0	0	0	127
32	U. PA	9,515	0	0	1,179	12	6,831	0	0	0	1,493
33	U. MD College Park	9,357	749	801	234	545	4,355	0	0	0	2,673
34	CO State U.	9,192	1	2,238	3,211	397	2,027	0	0	0	1,318
35	U. CO all campuses	9,124	392	458	1,831	436	5,433	0	0	0	574

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	Yale U.	8,925	0	273	292	0	7,631	0	26	0	703
37	FL State U.	8,677	152	2,932	71	0	2,546	0	0	0	2,976
38	SUNY Stony Brook all campuses	8,463	139	995	382	654	4,785	0	0	0	1,508
39	U. CA, Davis	8,140	142	819	1,366	232	2,607	0	0	0	2,974
40	WA State U.	8,127	0	0	2,729	39	4,094	0	0	65	1,200
41	NM State U. all campuses	8,039	5	0	190	0	717	0	0	0	7,127
42	Duke U.	8,028	0	1,084	985	0	5,712	0	0	0	247
43	U. CA, Irvine	7,560	27	577	908	0	5,773	0	0	0	275
44	Northwestern U.	7,549	31	32	60	0	4,688	0	0	0	2,738
45	U. MA Amherst	7,480	0	872	4,077	0	1,846	0	0	0	685
46	U. KY all campuses	7,433	0	1,874	417	0	821	0	0	58	4,263
47	OR State U.	7,402	0	805	2,799	24	255	0	9	0	3,510
48	NC State U.	7,319	278	0	507	0	2,824	0	0	0	3,710
49	U. MN all campuses	7,288	313	185	1,386	29	3,819	0	41	0	1,515
50	U. CA, Berkeley	7,132	0	815	1,727	112	2,191	0	0	190	2,097
51	U. of Notre Dame	6,575	60	0	185	9	424	28	0	4,760	1,109
52	U. CA, Santa Barbara	6,305	386	224	95	0	2,758	0	0	0	2,842
53	Cornell U. all campuses	6,230	0	57	527	76	2,512	0	0	0	3,058
54	U. SC all campuses	6,170	7	505	197	0	1,497	0	806	34	3,124
55	FL International U.	5,914	0	432	0	0	613	0	220	0	4,649
56	U. Southern CA	5,502	2,333	693	116	0	1,447	0	0	0	913
57	U. of the VI	5,475	0	0	2,552	0	0	0	2,923	0	0
58	Carnegie Mellon U.	5,458	340	0	0	0	2,360	0	0	0	2,758
59	IA State U.	5,371	20	612	531	0	2,953	0	3	0	1,252
60	Catholic U. America, The	5,331	0	0	0	0	5,153	0	0	0	178
61	OR Health & Science U.	5,223	377	0	4,846	0	0	0	0	0	0
62	U. IL Chicago	5,176	73	417	373	0	1,198	0	0	0	3,115
63	Rensselaer Polytechnic Institute	5,146	303	179	0	354	375	0	0	0	3,935
64	MT State U. Bozeman	5,142	0	384	352	0	1,342	0	2	1,310	1,752
65	Case Western Reserve U.	5,094	0	0	628	0	535	0	0	0	3,931
66	Rutgers, The State U. NJ all campuses	4,976	0	172	390	78	2,098	0	1,179	0	1,059
67	IN U. all campuses	4,970	1,010	459	115	111	3,275	0	0	0	0
68	VA Polytechnic Institute and State U.	4,954	20	386	329	0	468	0	0	0	3,751
69	U. Pittsburgh all campuses	4,513	0	0	1,240	82	1,336	0	0	0	1,855
70	U. HI Manoa	4,498	0	1,425	106	0	2,485	0	23	168	291

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	Boston U.	4,376	0	72	188	0	2,660	0	0	489	967
72	U. MO-Rolla	4,309	0	106	0	0	273	0	10	0	3,920
73	U. KS all campuses	4,284	0	975	35	0	1,506	0	38	0	1,730
74	U. CA, Riverside	4,259	0	38	510	0	3,539	0	0	0	172
75	CO School of Mines	4,195	0	83	0	0	1,181	0	0	167	2,764
76	AZ State U. main campus	4,194	48	139	569	0	1,537	0	37	0	1,864
77	U. VA all campuses	4,137	115	0	924	0	2,331	0	0	0	767
78	Johns Hopkins U., The ^a	4,033	95	795	513	0	1,354	0	0	0	1,276
79	MI Technological U.	3,942	0	2,974	0	0	288	0	0	0	680
80	LA State U. all campuses	3,923	0	60	529	0	1,345	0	0	0	1,989
81	ID State U.	3,845	0	0	166	0	3,391	0	0	1	287
82	U. AZ	3,845	0	0	852	95	2,048	0	79	0	771
83	U. AK Fairbanks all campuses	3,813	0	1,294	290	0	0	0	0	0	2,229
84	Jackson State U.	3,757	398	1,896	336	1,110	0	7	0	10	0
85	U. NE all campuses	3,705	40	921	1,464	0	597	0	24	61	598
86	CUNY Queens C.	3,648	0	0	3,648	0	0	0	0	0	0
87	U. AL, The	3,629	0	587	0	0	1,224	0	0	0	1,818
88	Vanderbilt U.	3,608	0	0	0	0	2,181	0	0	0	1,427
89	U. DE	3,551	87	50	197	0	872	0	4	309	2,032
90	U. CT all campuses	3,543	0	11	1,400	0	928	0	0	0	1,204
91	Western MI U.	3,440	0	355	0	0	3,070	0	0	0	15
92	Rice U.	3,381	195	102	63	22	1,672	0	0	0	1,327
93	Washington U. St. Louis	3,305	0	3	1,497	0	1,388	135	2	0	280
94	U. OR	3,303	963	0	71	0	2,245	0	0	0	24
95	U. MO-Columbia	3,248	30	66	1,455	0	866	0	78	0	753
96	U. Cincinnati all campuses	3,220	0	0	1,405	0	808	0	0	0	1,007
97	U. Central FL	3,034	0	2,801	0	0	80	0	0	0	153
98	U. CA, Santa Cruz	2,892	0	16	0	0	2,660	0	0	0	216
99	Auburn U. all campuses	2,851	0	184	239	0	1,212	0	0	0	1,216
100	Brown U.	2,796	510	0	0	135	1,991	0	0	0	160
101	U. Louisville	2,693	0	0	1,459	0	104	0	0	0	1,130
102	NY U.	2,581	236	0	288	1,975	25	0	0	57	0
103	U. NC Chapel Hill	2,553	101	228	424	165	1,635	0	0	0	0
104	OH U. all campuses	2,473	0	0	0	0	988	0	0	0	1,485
105	U. OK all campuses	2,462	0	603	807	26	716	0	0	0	310
106	Tulane U.	2,384	0	0	329	0	322	0	576	0	1,157
107	U. MD Baltimore	2,364	0	0	2,364	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
108	U. IA	2,319	0	0	407	0	1,617	0	0	0	295
109	Howard U.	2,311	0	0	0	90	63	0	0	90	2,068
110	Lehigh U.	2,271	20	0	0	0	794	0	0	0	1,457
111	TX Tech U.	2,152	12	0	354	0	972	0	31	0	783
112	U. South FL	2,106	0	152	0	0	111	0	0	0	1,843
113	U. Houston	2,036	178	245	0	88	938	0	0	0	587
114	Medical U. SC	2,008	0	0	2,008	0	0	0	0	0	0
115	Fisk U.	2,000	0	0	0	0	2,000	0	0	0	0
116	Old Dominion U.	1,922	12	0	0	0	1,716	0	0	0	194
117	Syracuse U. all campuses	1,889	566	0	0	0	629	0	61	0	633
118	Wayne State U.	1,878	0	0	61	0	1,619	0	0	0	198
119	U. TX Arlington	1,848	0	0	0	0	1,401	0	0	0	447
120	U. MS all campuses	1,830	0	0	29	0	909	0	0	0	892
121	Drexel U.	1,725	0	0	589	0	99	0	0	0	1,037
122	Brigham Young U. all campuses	1,670	25	41	139	0	469	0	0	0	996
123	Clemson U.	1,666	0	0	88	0	800	0	0	0	778
124	IL Institute of Technology	1,551	543	0	0	0	812	0	0	0	196
125	VA Commonwealth U.	1,510	0	0	1,205	0	286	0	0	0	19
126	LA Tech U.	1,458	116	0	921	0	356	0	0	0	65
127	U. AL Birmingham, The	1,455	42	0	466	0	412	0	0	0	535
128	OK State U. all campuses	1,388	0	0	189	0	593	0	16	0	590
129	Western KY U.	1,372	0	0	0	0	1,372	0	0	0	0
130	UT State U.	1,366	0	80	1,111	0	0	175	0	0	0
131	Brandeis U.	1,359	0	0	84	0	1,275	0	0	0	0
132	Southern Methodist U.	1,296	0	261	0	0	1,035	0	0	0	0
133	U. NH	1,266	0	731	52	0	483	0	0	0	0
134	Central State U.	1,243	30	0	200	0	0	0	0	0	1,013
135	Tufts U.	1,233	0	0	23	0	1,084	0	0	0	126
136	U. Tulsa	1,198	2	99	0	0	341	17	134	0	605
137	SUNY Buffalo all campuses	1,193	0	37	633	0	312	0	0	0	211
138	Dartmouth C.	1,183	0	92	68	0	112	0	0	0	911
139	NM Institute of Mining and Technology	1,157	0	0	0	0	170	0	0	0	987
140	Hampton U.	1,122	0	0	0	116	617	0	0	0	389
141	U. TX El Paso	1,109	551	199	0	0	7	0	0	0	352
142	Clark Atlanta U.	1,086	0	0	0	0	828	0	0	3	255
143	U. ME	1,043	0	137	191	0	3	0	0	0	712

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
144	U. AR main campus	1,037	0	0	86	0	177	0	0	0	774
145	U. ID	1,037	17	291	71	0	142	0	15	0	501
146	Rockefeller U.	1,036	0	0	100	0	936	0	0	0	0
147	MT Tech of the U. MT	1,016	0	377	43	0	36	0	0	0	560
148	Clarkson U.	1,006	0	0	0	181	144	0	0	0	681
149	U. WY	1,005	0	181	149	0	139	0	0	0	536
150	George Mason U.	995	10	0	590	156	0	239	0	0	0
151	U. TX M. D. Anderson Cancer Ctr.	981	0	0	981	0	0	0	0	0	0
152	Prairie View A&M U.	967	0	0	0	0	715	0	0	0	252
153	Scripps Research Institute, The	967	0	0	967	0	0	0	0	0	0
154	Stevens Institute of Technology	964	0	0	0	0	449	0	0	0	515
155	U. CA, San Francisco	963	0	0	851	0	112	0	0	0	0
156	Southern IL U. Carbondale	952	22	0	277	0	128	0	0	369	156
157	Rowan U.	945	0	0	0	734	0	94	0	0	117
158	Emory U.	939	0	0	87	111	741	0	0	0	0
159	Worcester Polytechnic Institute	907	0	0	0	104	0	0	0	0	803
160	U. Southern MS	895	0	0	15	0	880	0	0	0	0
161	U. Dayton	877	0	0	0	0	49	0	0	0	828
162	U. MA Lowell	858	0	116	0	0	408	0	0	0	334
163	Temple U.	812	0	0	0	141	671	0	0	0	0
164	Wright State U. all campuses	804	87	0	0	0	86	0	0	0	631
165	U. MD Biotechnology Institute	800	0	298	502	0	0	0	0	0	0
166	U. CA, Merced	789	0	199	443	0	147	0	0	0	0
167	C. of William and Mary all campuses	764	54	108	0	0	497	0	0	105	0
168	Kent State U. all campuses	745	0	0	0	0	745	0	0	0	0
169	Woods Hole Oceanographic Institution	729	0	729	0	0	0	0	0	0	0
170	NJ Institute of Technology	727	0	0	0	4	121	0	0	186	416
171	U. NC Asheville	722	0	576	100	0	27	0	0	9	10
172	U. MA Boston	713	0	0	0	0	0	0	713	0	0
173	U. AL Huntsville, The	707	0	474	0	5	48	0	63	0	117
174	Portland State U.	702	46	521	0	0	0	0	0	0	135
175	U. of Medicine and Dentistry NJ	675	0	0	675	0	0	0	0	0	0
176	U. WI Milwaukee	643	0	0	178	18	286	0	0	0	161
177	CA State U. San Bernardino	636	636	0	0	0	0	0	0	0	0
178	Morgan State U.	635	0	0	536	0	37	0	0	0	62
179	U. Miami	624	0	356	0	0	0	0	0	0	268
180	U. MT-Missoula, The	619	0	0	513	0	106	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
181	U. Akron all campuses	618	0	0	0	0	390	0	0	0	228
182	Boston C.	617	0	0	0	0	617	0	0	0	0
183	Baylor C. of Medicine	577	0	0	577	0	0	0	0	0	0
184	SUNY Binghamton	563	100	0	0	0	188	0	71	0	204
185	NC Agricultural and Technical State U.	536	2	0	32	0	102	0	0	0	400
186	Naval Postgraduate School	533	0	202	0	151	0	0	37	75	68
187	Northeastern U.	531	0	0	286	0	244	0	0	0	1
188	TN Technological U.	529	0	0	0	0	156	0	0	0	373
189	Cleveland State U.	527	0	0	274	0	0	0	0	0	253
190	George Washington U.	516	0	0	0	0	64	0	393	0	59
191	FL A&M U.	497	0	116	0	0	381	0	0	0	0
192	Northern AZ U.	486	0	0	387	0	92	0	0	0	7
193	Boise State U.	476	0	83	0	0	179	0	27	0	187
194	SD State U.	473	0	0	327	0	67	0	0	0	79
195	U. North TX	472	13	0	181	0	109	0	0	0	169
196	Medical C. WI	443	0	0	443	0	0	0	0	0	0
197	Teachers C. Columbia U.	436	0	0	178	0	0	258	0	0	0
198	CUNY Hunter C.	429	0	0	0	0	429	0	0	0	0
199	TX A&M U. Kingsville	396	0	258	0	0	25	0	0	0	113
200	St. Louis U. all campuses	391	0	205	113	0	73	0	0	0	0
201	SD School of Mines and Technology	382	0	33	0	0	0	0	0	0	349
202	Eastern MI U.	377	0	0	0	0	0	0	0	0	377
203	U. MA Worcester	344	0	0	344	0	0	0	0	0	0
204	U. PR Mayaguez Campus	330	0	113	86	0	131	0	0	0	0
205	San Diego State U.	325	0	0	0	0	147	0	0	0	178
206	Columbia U. in the City of NY	315	0	0	0	0	0	315	0	0	0
207	San Francisco State U.	314	0	235	0	0	79	0	0	0	0
208	U. Scranton	313	0	0	313	0	0	0	0	0	0
209	SUNY C. Geneseo	311	0	0	0	0	311	0	0	0	0
210	Ball State U.	302	302	0	0	0	0	0	0	0	0
211	Nicholls State U.	302	0	0	0	0	0	0	0	0	302
212	Yeshiva U.	299	0	0	299	0	0	0	0	0	0
213	U. TX Dallas	296	39	3	42	1	98	47	11	0	55
214	FL Institute of Technology	292	0	0	0	21	268	0	0	0	3
215	Savannah State U.	292	0	292	0	0	0	0	0	0	0
216	SUNY Albany	289	0	0	0	0	223	0	0	0	66

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
217	GA State U.	288	0	10	0	0	278	0	0	0	0
218	Clark U.	287	0	0	49	0	238	0	0	0	0
219	Northern IL U.	286	0	0	0	0	238	0	48	0	0
220	Rochester Institute of Technology	267	0	0	0	0	267	0	0	0	0
221	CUNY The City C.	257	0	0	0	0	257	0	0	0	0
222	Stephen F. Austin State U.	249	0	0	249	0	0	0	0	0	0
223	U. VT	244	0	0	0	0	165	0	35	0	44
224	Bucknell U.	241	0	0	0	0	0	0	0	0	241
225	Swarthmore C.	236	0	0	0	0	236	0	0	0	0
226	Alfred U. all campuses	235	0	0	0	0	0	0	0	0	235
227	American U.	224	0	0	0	3	0	0	221	0	0
228	NC Central U.	223	0	0	57	0	166	0	0	0	0
229	U. North TX Health Science Ctr. Ft. Worth	221	0	0	221	0	0	0	0	0	0
230	Western Carolina U.	220	0	0	220	0	0	0	0	0	0
231	FL Atlantic U.	214	0	0	42	50	89	29	0	0	4
232	James Madison U.	208	0	0	0	0	0	0	0	0	208
233	TX Southern U.	205	0	2	0	0	203	0	0	0	0
234	Loyola Marymount U.	201	0	0	0	0	0	0	0	0	201
235	U. NC Charlotte	193	27	0	0	80	0	0	0	0	86
236	Medical C. GA	189	0	0	189	0	0	0	0	0	0
237	Universidad del Turabo	188	0	0	0	0	0	0	0	0	188
238	Abilene Christian U.	184	0	0	0	0	184	0	0	0	0
239	Valparaiso U.	179	0	0	0	0	179	0	0	0	0
240	U. LA Lafayette	171	171	0	0	0	0	0	0	0	0
241	Thomas Jefferson U.	170	0	0	170	0	0	0	0	0	0
242	Duquesne U.	168	0	0	0	0	168	0	0	0	0
243	St. Francis U. (Loretto, PA)	168	0	168	0	0	0	0	0	0	0
244	U. Toledo	168	0	65	0	0	0	0	0	0	103
245	Xavier U. LA	167	0	0	82	0	75	0	0	0	10
246	TN State U.	159	0	0	0	0	0	0	0	0	159
247	U. Richmond	159	0	0	0	0	159	0	0	0	0
248	SUNY C. Old Westbury	149	0	0	0	0	149	0	0	0	0
249	Troy U. main campus	141	0	0	0	0	141	0	0	0	0
250	U. PR Rio Piedras Campus	140	0	0	0	0	140	0	0	0	0
251	Youngstown State U.	138	0	0	12	0	38	0	0	0	88
252	Humboldt State U.	130	0	0	0	0	0	0	0	0	130

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
253	Morehouse C.	129	0	0	0	0	129	0	0	0	0
254	U. TX Medical Branch	129	0	0	129	0	0	0	0	0	0
255	CA State U. East Bay	126	0	0	0	126	0	0	0	0	0
256	U. MO-Kansas City	123	0	0	0	0	99	0	0	0	24
257	Marquette U.	121	0	0	88	0	0	0	0	0	33
258	Norfolk State U.	121	0	0	0	0	0	0	0	0	121
259	Tuskegee U.	119	0	0	0	0	84	0	0	0	35
260	Long Island U. all campuses	113	0	0	0	0	0	0	113	0	0
261	C. Charleston	112	0	0	112	0	0	0	0	0	0
262	AL A&M U.	110	0	0	0	0	110	0	0	0	0
263	Baylor U.	108	2	6	31	0	69	0	0	0	0
264	Eastern OR U.	105	0	0	105	0	0	0	0	0	0
265	Grand Valley State U.	101	0	0	0	0	0	0	0	0	101
266	La Salle U.	101	0	0	101	0	0	0	0	0	0
267	CA State U. Northridge	98	0	0	0	0	98	0	0	0	0
268	Benedict C.	94	0	0	0	0	0	0	0	0	94
269	U. RI	93	0	0	0	0	0	0	0	7	86
270	CA State U. Fullerton	90	0	0	0	0	90	0	0	0	0
271	New England C. of Optometry	89	0	0	89	0	0	0	0	0	0
272	MS Valley State U.	88	0	0	88	0	0	0	0	0	0
273	U. DC	88	16	23	8	16	0	0	16	9	0
274	U. New England	86	0	0	86	0	0	0	0	0	0
275	King's C. (Wilkes-Barre, PA)	85	0	0	0	0	0	0	85	0	0
276	Middle TN State U.	82	39	0	0	0	43	0	0	0	0
277	West TX A&M U.	82	0	19	63	0	0	0	0	0	0
278	Morehouse School of Medicine	78	0	0	78	0	0	0	0	0	0
279	Central MI U.	77	0	0	0	0	77	0	0	0	0
280	CO State U. Pueblo	74	0	0	0	0	0	0	0	0	74
281	Wichita State U.	73	0	0	0	0	73	0	0	0	0
282	ND State U. all campuses	72	0	0	0	0	72	0	0	0	0
283	Wake Forest U.	71	71	0	0	0	0	0	0	0	0
284	CA State U. Los Angeles	70	0	0	0	0	70	0	0	0	0
285	East Carolina U.	64	0	28	0	0	36	0	0	0	0
286	Bradley U.	61	0	0	51	0	0	0	0	0	10
287	Mt. Holyoke C.	54	0	0	0	0	54	0	0	0	0
288	Southern U. and A&M C. all campuses	53	0	0	0	0	53	0	0	0	0
289	CA State U. Long Beach	48	0	0	0	48	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
290	CA State Polytechnic U. San Luis Obispo	47	0	0	45	0	0	0	0	0	2
291	U. MD Baltimore County	47	0	0	0	0	47	0	0	0	0
292	Hamilton C. (Clinton, NY)	46	0	0	0	0	16	0	30	0	0
293	U. San Diego	46	0	0	0	0	46	0	0	0	0
294	Loma Linda U.	44	0	0	44	0	0	0	0	0	0
295	Reed C.	40	0	0	0	0	40	0	0	0	0
296	TX A&M U. Commerce	39	0	0	0	0	39	0	0	0	0
297	Murray State U.	38	0	0	8	0	0	0	0	0	30
298	SUNY C. Buffalo	37	0	0	0	0	37	0	0	0	0
299	Union C. (Schenectady, NY)	37	0	0	0	0	37	0	0	0	0
300	CUNY Herbert H. Lehman C.	32	0	0	0	32	0	0	0	0	0
301	U. WI Platteville	29	0	0	0	0	29	0	0	0	0
302	U. Southern ME	28	0	0	28	0	0	0	0	0	0
303	IL State U.	27	0	0	27	0	0	0	0	0	0
304	Pace U. all campuses	27	0	27	0	0	0	0	0	0	0
305	U. Detroit Mercy	27	0	0	0	0	0	0	0	0	27
306	Oakland U.	26	0	0	0	0	0	0	0	0	26
307	San Jose State U.	24	0	0	0	0	24	0	0	0	0
308	Towson U.	24	0	0	0	0	24	0	0	0	0
309	Southern IL U. Edwardsville	23	0	0	23	0	0	0	0	0	0
310	Southeastern LA U.	22	0	0	0	0	22	0	0	0	0
311	Southeast MO State U.	21	0	0	0	0	21	0	0	0	0
312	U. North FL	21	0	0	0	0	0	0	0	0	21
313	U. WI Stevens Point	20	0	20	0	0	0	0	0	0	0
314	Roanoke C.	19	0	0	19	0	0	0	0	0	0
315	U. Denver	18	0	0	2	0	15	0	0	0	1
316	Central WA U.	17	0	0	0	0	0	0	17	0	0
317	C. NJ, The	15	0	0	0	0	0	0	15	0	0
318	U. AK Anchorage all campuses	15	0	0	15	0	0	0	0	0	0
319	U. NC Wilmington	15	0	0	0	0	15	0	0	0	0
320	U. San Francisco	15	15	0	0	0	0	0	0	0	0
321	Christopher Newport U.	13	0	0	1	0	12	0	0	0	0
322	Lincoln U. (Lincoln University, PA)	12	0	0	12	0	0	0	0	0	0
323	Jarvis Christian C.	10	0	0	0	0	0	0	10	0	0
324	WV State U.	9	0	0	9	0	0	0	0	0	0
325	U.S. Naval Academy	8	0	0	0	0	0	0	0	0	8

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
326	Loyola U. Chicago	7	0	0	7	0	0	0	0	0	0
327	U. Memphis, The	7	0	7	0	0	0	0	0	0	0
328	Western IL U.	6	0	0	0	0	6	0	0	0	0
329	U. Hartford	4	0	0	0	0	0	0	0	0	4
330	U. Houston-Downtown	4	0	0	0	0	4	0	0	0	0
331	Davidson C.	3	0	0	0	3	0	0	0	0	0
332	TX A&M U. Corpus Christi	3	0	3	0	0	0	0	0	0	0
333	Coastal Carolina U.	2	0	0	0	0	2	0	0	0	0
334	Georgetown U.	2	0	0	0	2	0	0	0	0	0
335	U. Northern IA	1	0	0	0	0	1	0	0	0	0
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	Air Force Institute of Technology	0	0	0	0	0	0	0	0	0	0
	AL State U.	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0
	Albany Medical C.	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	0	0	0	0	0	0	0	0	0
	Alcorn State U.	0	0	0	0	0	0	0	0	0	0
	Allegheny C.	0	0	0	0	0	0	0	0	0	0
	Amherst C.	0	0	0	0	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0	0	0	0	0
	Appalachian State U.	0	0	0	0	0	0	0	0	0	0
	AR State U. main campus	0	0	0	0	0	0	0	0	0	0
	Augsburg C.	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Sioux Falls, SD)	0	0	0	0	0	0	0	0	0	0
	Barnard C.	0	0	0	0	0	0	0	0	0	0
	Bates C.	0	0	0	0	0	0	0	0	0	0
	Berry C.	0	0	0	0	0	0	0	0	0	0
	Black Hills State U.	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0
	Bowdoin C.	0	0	0	0	0	0	0	0	0	0
	Bowie State U.	0	0	0	0	0	0	0	0	0	0
	Bowling Green State U. all campuses	0	0	0	0	0	0	0	0	0	0
	Bridgewater State C.	0	0	0	0	0	0	0	0	0	0
	Bryn Mawr C.	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

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	CA State U. Bakersfield	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
	CA State U. Fresno	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
	Calvin C.	0	0	0	0	0	0	0	0	0	0
	Canisius C.	0	0	0	0	0	0	0	0	0	0
	Carleton C.	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	0	0	0	0	0	0	0	0	0	0
	Central CT State U.	0	0	0	0	0	0	0	0	0	0
	Chapman U.	0	0	0	0	0	0	0	0	0	0
	Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	0	0	0	0	0	0	0	0	0	0
	Chicago State U.	0	0	0	0	0	0	0	0	0	0
	Clafin U.	0	0	0	0	0	0	0	0	0	0
	Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0
	Colby C.	0	0	0	0	0	0	0	0	0	0
	Colgate U.	0	0	0	0	0	0	0	0	0	0
	C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0
	CT C.	0	0	0	0	0	0	0	0	0	0
	CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0
	CUNY Brooklyn C.	0	0	0	0	0	0	0	0	0	0
	CUNY C. Staten Island	0	0	0	0	0	0	0	0	0	0
	CUNY Graduate Ctr.	0	0	0	0	0	0	0	0	0	0
	CUNY John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0
	CUNY Medgar Evers C.	0	0	0	0	0	0	0	0	0	0
	CUNY York C.	0	0	0	0	0	0	0	0	0	0
	DE State U.	0	0	0	0	0	0	0	0	0	0
	Denison U.	0	0	0	0	0	0	0	0	0	0
	DePaul U.	0	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	0	0	0	0	0	0	0	0	0
	Dickinson C.	0	0	0	0	0	0	0	0	0	0
	Drake U.	0	0	0	0	0	0	0	0	0	0
	East TN State U.	0	0	0	0	0	0	0	0	0	0
	Eastern KY U.	0	0	0	0	0	0	0	0	0	0
	Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0
	Eastern WA U.	0	0	0	0	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0
	Evergreen State C.	0	0	0	0	0	0	0	0	0	0
	Fairfield U.	0	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	0	0	0	0	0	0	0	0	0	0
	Fitchburg State C.	0	0	0	0	0	0	0	0	0	0
	FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0
	Fordham U.	0	0	0	0	0	0	0	0	0	0
	Ft. Lewis C.	0	0	0	0	0	0	0	0	0	0
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0
	Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0
	Fuller Theological Seminary CA	0	0	0	0	0	0	0	0	0	0
	Furman U.	0	0	0	0	0	0	0	0	0	0
	Gallaudet U.	0	0	0	0	0	0	0	0	0	0
	GA Southern U.	0	0	0	0	0	0	0	0	0	0
	Gettysburg C.	0	0	0	0	0	0	0	0	0	0
	Governors State U.	0	0	0	0	0	0	0	0	0	0
	Grambling State U.	0	0	0	0	0	0	0	0	0	0
	Grinnell C.	0	0	0	0	0	0	0	0	0	0
	Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	0	0	0	0	0	0	0	0	0	0
	Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0
	Hendrix C.	0	0	0	0	0	0	0	0	0	0
	Heritage U. (Toppenish, WA)	0	0	0	0	0	0	0	0	0	0
	Hofstra U.	0	0	0	0	0	0	0	0	0	0
	Hope C.	0	0	0	0	0	0	0	0	0	0
	IL Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	IN State U. all campuses	0	0	0	0	0	0	0	0	0	0
	Indiana U. PA all campuses	0	0	0	0	0	0	0	0	0	0
	Ithaca C.	0	0	0	0	0	0	0	0	0	0
	Jacksonville State U.	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	John Carroll U.	0	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0
	Juniata C.	0	0	0	0	0	0	0	0	0	0
	Kalamazoo C.	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

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	KS State U.	0	0	0	0	0	0	0	0	0	0
	Kennesaw State U.	0	0	0	0	0	0	0	0	0	0
	KY State U.	0	0	0	0	0	0	0	0	0	0
	Kettering U.	0	0	0	0	0	0	0	0	0	0
	Lafayette C.	0	0	0	0	0	0	0	0	0	0
	Lake Forest C.	0	0	0	0	0	0	0	0	0	0
	Lamar U.	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0
	Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0
	Lawrence U.	0	0	0	0	0	0	0	0	0	0
	Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0
	Loyola U. New Orleans	0	0	0	0	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0	0	0	0	0
	Maharishi U. of Management	0	0	0	0	0	0	0	0	0	0
	Manhattan C.	0	0	0	0	0	0	0	0	0	0
	Marshall U.	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	0	0	0	0	0	0	0	0	0	0
	McNeese State U.	0	0	0	0	0	0	0	0	0	0
	Medical U. OH	0	0	0	0	0	0	0	0	0	0
	Meharry Medical C.	0	0	0	0	0	0	0	0	0	0
	Mercer U. all campuses	0	0	0	0	0	0	0	0	0	0
	Mercy C.	0	0	0	0	0	0	0	0	0	0
	Mercyhurst C.	0	0	0	0	0	0	0	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	0	0	0	0	0	0	0	0	0	0
	Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0
	MN State U. Mankato	0	0	0	0	0	0	0	0	0	0
	Monmouth U.	0	0	0	0	0	0	0	0	0	0
	MT State U. Billings	0	0	0	0	0	0	0	0	0	0
	Morehead State U.	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
	Mt. St. Mary's C. (Los Angeles, CA)	0	0	0	0	0	0	0	0	0	0
	Muhlenberg C.	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	NM Highlands U.	0	0	0	0	0	0	0	0	0	0
	New School, The	0	0	0	0	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0
	NY Medical C.	0	0	0	0	0	0	0	0	0	0
	Northeastern IL U.	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
	Northeastern State U.	0	0	0	0	0	0	0	0	0	0
	Northern KY U.	0	0	0	0	0	0	0	0	0	0
	Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0
	Oberlin C.	0	0	0	0	0	0	0	0	0	0
	Occidental C.	0	0	0	0	0	0	0	0	0	0
	OH Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	OR Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Pacific U.	0	0	0	0	0	0	0	0	0	0
	PA C. of Optometry	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
	Philadelphia U.	0	0	0	0	0	0	0	0	0	0
	Pittsburg State U.	0	0	0	0	0	0	0	0	0	0
	Pitzer C.	0	0	0	0	0	0	0	0	0	0
	Point Loma Nazarene C.	0	0	0	0	0	0	0	0	0	0
	Polytechnic U.	0	0	0	0	0	0	0	0	0	0
	Pomona C.	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0
	Providence C.	0	0	0	0	0	0	0	0	0	0
	Radford U.	0	0	0	0	0	0	0	0	0	0
	Rhodes C.	0	0	0	0	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0	0	0	0	0
	Roger Williams U. Bristol	0	0	0	0	0	0	0	0	0	0
	Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Rush U.	0	0	0	0	0	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0
	Sam Houston State U.	0	0	0	0	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Sarah Lawrence C.	0	0	0	0	0	0	0	0	0	0
	Seton Hall U.	0	0	0	0	0	0	0	0	0	0
	Shaw U.	0	0	0	0	0	0	0	0	0	0
	Simmons C.	0	0	0	0	0	0	0	0	0	0
	Sinte Gleska U.	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0
	Smith C.	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0
	Southeastern OK State U.	0	0	0	0	0	0	0	0	0	0
	Southern OR U.	0	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0
	Southwest MO State U.	0	0	0	0	0	0	0	0	0	0
	Spelman C.	0	0	0	0	0	0	0	0	0	0
	St. Cloud State U.	0	0	0	0	0	0	0	0	0	0
	St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0
	St. Joseph's U.	0	0	0	0	0	0	0	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	0	0	0	0	0	0	0	0	0
	St. Olaf C.	0	0	0	0	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
	SUNY C. Brockport	0	0	0	0	0	0	0	0	0	0
	SUNY C. Cortland	0	0	0	0	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0
	SUNY C. Oswego	0	0	0	0	0	0	0	0	0	0
	SUNY C. Plattsburgh	0	0	0	0	0	0	0	0	0	0
	SUNY Fredonia	0	0	0	0	0	0	0	0	0	0
	SUNY Health Science Ctr. Brooklyn	0	0	0	0	0	0	0	0	0	0
	SUNY Upstate Medical U.	0	0	0	0	0	0	0	0	0	0
	Tarleton State U.	0	0	0	0	0	0	0	0	0	0
	TX A&M U. System Health Science Ctr.	0	0	0	0	0	0	0	0	0	0
	TX Christian U.	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
	TX Tech U. Health Science Ctr.	0	0	0	0	0	0	0	0	0	0
	TX Woman's U.	0	0	0	0	0	0	0	0	0	0
	Tougaloo C.	0	0	0	0	0	0	0	0	0	0
	Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0
	Trinity U.	0	0	0	0	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Truman State U.	0	0	0	0	0	0	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
	U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0
	Universidad del Este	0	0	0	0	0	0	0	0	0	0
	Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0
	U. AK Southeast all campuses	0	0	0	0	0	0	0	0	0	0
	U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0
	U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0
	U. Baltimore	0	0	0	0	0	0	0	0	0	0
	U. CA Office of the President	0	0	0	0	0	0	0	0	0	0
	U. Central OK	0	0	0	0	0	0	0	0	0	0
	U. GU	0	0	0	0	0	0	0	0	0	0
	U. HI Hilo	0	0	0	0	0	0	0	0	0	0
	U. Houston-Clear Lake	0	0	0	0	0	0	0	0	0	0
	U. IL Springfield	0	0	0	0	0	0	0	0	0	0
	U. LA Monroe	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
	U. MD Eastern Shore	0	0	0	0	0	0	0	0	0	0
	U. MA Dartmouth	0	0	0	0	0	0	0	0	0	0
	U. MO-St. Louis	0	0	0	0	0	0	0	0	0	0
	U. NC Greensboro	0	0	0	0	0	0	0	0	0	0
	U. NC Pembroke	0	0	0	0	0	0	0	0	0	0
	U. Northern CO	0	0	0	0	0	0	0	0	0	0
	U. Portland	0	0	0	0	0	0	0	0	0	0
	U. PR Humacao	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
	U. Puget Sound	0	0	0	0	0	0	0	0	0	0
	U. Redlands	0	0	0	0	0	0	0	0	0	0
	U. South AL	0	0	0	0	0	0	0	0	0	0
	U. SD	0	0	0	0	0	0	0	0	0	0
	U. of St. Thomas (St. Paul, MN)	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. Houston	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	U. TX San Antonio	0	0	0	0	0	0	0	0	0	0
	U. TX Southwestern Medical Ctr. Dallas	0	0	0	0	0	0	0	0	0	0
	U. TX Tyler	0	0	0	0	0	0	0	0	0	0
	U. TX-Pan American	0	0	0	0	0	0	0	0	0	0
	U. of the Pacific	0	0	0	0	0	0	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0
	U. of the South	0	0	0	0	0	0	0	0	0	0
	U. West FL	0	0	0	0	0	0	0	0	0	0
	U. West GA	0	0	0	0	0	0	0	0	0	0
	U. WI Eau Claire	0	0	0	0	0	0	0	0	0	0
	U. WI Green Bay	0	0	0	0	0	0	0	0	0	0
	U. WI La Crosse	0	0	0	0	0	0	0	0	0	0
	U. WI Oshkosh	0	0	0	0	0	0	0	0	0	0
	U. WI Parkside	0	0	0	0	0	0	0	0	0	0
	U. WI River Falls	0	0	0	0	0	0	0	0	0	0
	U. WI Stout	0	0	0	0	0	0	0	0	0	0
	U. WI Superior	0	0	0	0	0	0	0	0	0	0
	U. WI Whitewater	0	0	0	0	0	0	0	0	0	0
	Ursinus C.	0	0	0	0	0	0	0	0	0	0
	Vassar C.	0	0	0	0	0	0	0	0	0	0
	VA Military Institute	0	0	0	0	0	0	0	0	0	0
	VA State U.	0	0	0	0	0	0	0	0	0	0
	Wabash C.	0	0	0	0	0	0	0	0	0	0
	Washington and Lee U.	0	0	0	0	0	0	0	0	0	0
	Wellesley C.	0	0	0	0	0	0	0	0	0	0
	Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	West Chester U. PA	0	0	0	0	0	0	0	0	0	0
	West Liberty State C.	0	0	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	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
	Western WA U.	0	0	0	0	0	0	0	0	0	0
	Whitman C.	0	0	0	0	0	0	0	0	0	0

TABLE 77. Federally financed R&D expenditures at universities and colleges, financed by the Department of Energy, ranked by DOE R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	DOE R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Wilkes U.	0	0	0	0	0	0	0	0	0	0
	Willamette U.	0	0	0	0	0	0	0	0	0	0
	Williams C.	0	0	0	0	0	0	0	0	0	0

DOE = Department of Energy.

nec = not elsewhere classified.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Institutions not listed in this table did not provide federally financed R&D expenditures by federal agency; institutions that reported amounts of zero or more are included. Detail may not add to all-institution total because some respondents reporting federal agency data did not break out these data by field of science. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	17,052,404	47,488	64,051	15,203,605	78,535	489,745	468,496	287,529	53,509	357,305
1	Johns Hopkins U., The ^a	562,763	0	14,215	519,512	13	4,386	5,990	2,714	0	15,933
2	U. WA	452,379	0	1,970	412,966	742	6,506	9,359	2,664	0	18,172
3	U. CA, San Francisco	447,593	0	0	428,601	0	18,992	0	0	0	0
4	U. PA	403,038	91	0	371,666	0	10,378	5,381	6,781	3,014	5,727
5	U. MI all campuses	396,870	1,039	0	322,290	594	9,669	8,757	42,520	11	11,990
6	Washington U. St. Louis	371,180	238	0	356,161	77	4,336	3,698	3,165	0	3,505
7	U. CA, Los Angeles	358,295	282	0	338,290	698	6,987	7,569	2,849	0	1,620
8	Duke U.	350,179	283	2,603	315,380	1,290	2,713	1,941	14,926	0	11,043
9	U. Pittsburgh all campuses	334,651	237	0	316,417	647	5,779	5,819	1,393	177	4,182
10	Stanford U.	326,036	481	131	289,894	1,313	15,516	5,093	432	0	13,176
11	Harvard U.	310,893	0	9,208	265,350	1,051	25,157	4,841	2,724	0	2,562
12	Yale U.	308,101	435	159	297,823	0	4,269	3,829	357	0	1,229
13	Columbia U. in the City of NY	290,506	60	1,063	270,672	265	3,582	2,225	5,839	0	6,800
14	U. CA, San Diego	285,748	3,177	1,840	249,679	0	15,205	4,215	2,834	613	8,185
15	Case Western Reserve U.	274,915	129	0	263,146	195	1,821	738	1,153	0	7,733
16	U. WI Madison	263,962	538	1	208,662	655	5,456	23,170	13,956	0	11,524
17	U. AL Birmingham, The	263,576	0	0	255,172	171	1,040	5,766	263	0	1,164
18	U. NC Chapel Hill	257,561	3,337	6,184	225,084	51	7,337	3,956	11,612	0	0
19	Vanderbilt U.	254,836	0	0	236,670	168	5,994	7,657	1,219	0	3,128
20	Emory U.	244,567	0	0	238,540	0	4,541	1,374	112	0	0
21	Baylor C. of Medicine	235,532	0	0	235,532	0	0	0	0	0	0
22	U. CO all campuses	233,161	0	22	210,792	48	10,529	7,967	1,694	0	2,109
23	Scripps Research Institute, The	230,523	0	0	230,523	0	0	0	0	0	0
24	U. MN all campuses	217,653	135	54	196,444	86	5,839	7,411	5,272	0	2,412
25	Cornell U. all campuses	211,611	992	0	187,535	247	13,150	1,555	4,161	0	3,971
26	OR Health & Science U.	202,902	7,247	0	195,655	0	0	0	0	0	0
27	MA Institute of Technology	197,636	2,617	0	138,742	0	18,301	763	209	25	36,979
28	Mt. Sinai School of Medicine	192,788	0	0	192,788	0	0	0	0	0	0
29	U. Chicago	185,359	4,347	0	168,185	164	3,346	6,117	3,200	0	0
30	U. IA	180,465	0	103	167,654	417	1,792	6,742	363	0	3,394
31	U. Cincinnati all campuses	176,515	0	0	172,411	21	1,944	192	121	0	1,826
32	Boston U.	175,848	0	0	146,855	532	2,884	6,922	325	6,979	11,351
33	U. Rochester	172,396	919	0	158,927	0	759	10,759	0	335	697
34	U. TX Southwestern Medical Ctr. Dallas	171,605	0	0	171,605	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
35	U. MD Baltimore	169,964	0	0	169,964	0	0	0	0	0	0
36	U. IL Chicago	167,234	59	0	153,463	62	4,568	2,329	3,852	1,747	1,154
37	OH State U. all campuses	162,443	557	8	148,182	393	2,984	3,785	4,024	40	2,470
38	U. Southern CA	161,609	127	0	147,047	3,147	855	2,355	1,703	217	6,158
39	NY U.	159,349	265	0	143,417	0	2,921	11,793	953	0	0
40	Northwestern U.	155,538	0	0	142,132	193	3,243	1,437	238	1,329	6,966
41	U. TX M. D. Anderson Cancer Ctr.	154,215	0	0	132,968	4,984	5,345	6,227	2,798	0	1,893
42	U. CA, Davis	149,159	0	146	137,273	115	3,560	531	1,506	62	5,966
43	Yeshiva U.	145,216	0	0	145,216	0	0	0	0	0	0
44	U. VA all campuses	139,286	0	0	127,103	0	4,614	4,060	101	0	3,408
45	Wake Forest U.	130,530	0	0	129,082	0	1,242	206	0	0	0
46	IN U. all campuses	129,789	343	0	111,716	0	3,841	8,692	3,236	145	1,816
47	U. of Medicine and Dentistry NJ	128,482	0	0	128,482	0	0	0	0	0	0
48	U. FL	126,404	271	3,168	109,285	2,141	1,798	6,324	366	0	3,051
49	U. UT	125,648	2,781	82	112,064	0	3,968	1,975	166	0	4,612
50	U. CA, Irvine	120,519	1,150	0	107,542	658	4,713	1,787	1,376	0	3,293
51	U. MA Worcester	117,547	0	0	117,547	0	0	0	0	0	0
52	U. AZ	116,081	360	164	107,502	0	3,762	2,224	1,576	0	493
53	U. TX Medical Branch	112,946	0	0	111,938	0	0	0	0	0	1,008
54	U. TX Health Science Ctr. Houston	106,386	0	0	106,386	0	0	0	0	0	0
55	SUNY Buffalo all campuses	103,867	676	0	97,188	0	2,678	2,086	11	0	1,228
56	U. Miami	103,607	0	1,971	91,994	0	0	7,324	1,783	0	535
57	Dartmouth C.	101,580	92	2	95,549	0	665	2,799	50	409	2,014
58	Wayne State U.	97,239	103	0	88,436	0	3,801	2,711	700	0	1,488
59	U. KY all campuses	95,819	93	2	85,605	349	2,187	6,104	272	0	1,207
60	Medical C. WI	95,188	0	0	95,188	0	0	0	0	0	0
61	Rockefeller U.	91,695	0	0	86,939	930	3,826	0	0	0	0
62	U. CA, Berkeley	90,631	0	0	66,628	388	7,956	4,703	4,521	4,177	2,258
63	U. TX Health Science Ctr. San Antonio	89,841	0	0	89,841	0	0	0	0	0	0
64	Medical U. SC	87,028	0	0	87,028	0	0	0	0	0	0
65	PA State U. all campuses	86,980	54	1,421	65,171	35	3,426	8,615	6,308	0	1,950
66	SUNY Albany	86,899	0	0	83,177	0	464	1,030	2,228	0	0
67	Thomas Jefferson U.	77,733	0	0	77,733	0	0	0	0	0	0
68	U. CT all campuses	77,656	386	0	66,278	182	1,350	7,611	1,087	93	669
69	VA Commonwealth U.	77,244	0	144	70,978	0	2,805	2,971	131	0	215

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
70	LA State U. all campuses	77,114	0	0	74,417	0	2,295	401	0	0	1
71	U. KS all campuses	76,111	0	0	71,352	0	1,026	706	2,961	2	64
72	U. NE all campuses	73,691	620	0	60,303	281	784	5,086	3,403	0	3,214
73	U. NM all campuses	70,784	431	0	60,886	0	1,207	7,897	305	29	29
74	Georgetown U.	69,363	0	0	67,232	0	640	983	508	0	0
75	Tufts U.	66,902	0	0	60,617	0	1,584	2,096	40	0	2,565
76	Tulane U.	66,702	0	0	64,778	317	0	152	1,053	0	402
77	Rutgers, The State U. NJ all campuses	65,764	0	76	48,719	4,870	5,890	3,248	2,503	0	458
78	U. AR for Medical Sciences	65,063	0	0	65,063	0	0	0	0	0	0
79	U. VT	64,861	0	0	62,942	76	2	1,642	0	0	199
80	U. South FL	62,085	0	0	57,690	0	1,079	2,083	615	0	618
81	U. IL Urbana-Champaign	61,222	257	819	33,071	39	12,497	6,407	1,586	905	5,641
82	George Washington U.	61,004	135	0	21,711	37,361	19	1,507	101	0	170
83	SUNY Stony Brook all campuses	59,357	184	2	50,888	842	2,969	2,457	2	6	2,007
84	U. OK all campuses	57,650	0	0	53,465	0	1,297	429	1,789	0	670
85	U. TN all campuses	56,224	95	0	54,292	0	166	202	0	961	508
86	CO State U.	53,315	0	0	42,981	0	3,276	2,715	729	3,260	354
87	U. Louisville	52,510	0	0	47,614	129	434	2,958	0	0	1,375
88	U. HI Manoa	49,642	0	556	46,990	0	337	63	884	812	0
89	Brown U.	47,795	601	106	42,432	0	1,242	927	1,527	0	960
90	U. TX Austin	47,661	167	0	25,483	162	9,541	5,480	3,969	335	2,524
91	MI State U.	45,456	26	0	38,227	83	3,076	2,209	1,235	0	600
92	Rush U.	44,526	0	0	43,236	0	0	1,290	0	0	0
93	U. MO-Columbia	44,236	922	0	37,734	141	1,193	4,107	1	0	138
94	Charles R. Drew U. of Medicine and Science	44,053	0	0	44,053	0	0	0	0	0	0
95	CA Institute of Technology	43,902	0	0	28,989	291	11,096	0	462	51	3,013
96	Temple U.	43,162	317	0	35,691	0	633	5,598	135	0	788
97	St. Louis U. all campuses	42,920	0	0	42,605	76	217	0	22	0	0
98	Purdue U. all campuses	41,101	234	0	33,962	161	4,016	0	13	241	2,474
99	Medical C. GA	40,694	0	0	40,694	0	0	0	0	0	0
100	U. SC all campuses	39,811	17	7,004	21,560	400	2,075	5,843	517	2,027	368
101	U. MS all campuses	39,489	0	0	39,290	0	199	0	0	0	0
102	Princeton U.	37,902	0	0	22,678	0	2,198	5,598	6,332	0	1,096
103	U. GA	36,515	164	30	29,038	9	1,273	5,331	650	0	20

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
104	AZ State U. main campus	34,985	132	0	15,095	193	2,711	7,787	2,852	1,515	4,700
105	TX A&M U. System Health Science Ctr.	34,135	0	1,056	32,644	0	0	72	0	0	363
106	U. PR Medical Sciences Campus	31,020	0	0	31,020	0	0	0	0	0	0
107	TX A&M U. all campuses	30,313	278	888	19,827	1,297	1,676	1,539	817	0	3,991
108	Meharry Medical C.	30,079	0	0	30,079	0	0	0	0	0	0
109	Brandeis U.	28,541	414	0	17,746	0	3,645	2,313	4,423	0	0
110	WV U.	26,256	264	0	24,917	0	314	123	77	0	561
111	NY Medical C.	26,202	0	0	26,202	0	0	0	0	0	0
112	SUNY Health Science Ctr. Brooklyn	25,008	0	0	25,008	0	0	0	0	0	0
113	U. MD College Park	24,529	755	0	9,525	0	2,599	3,311	6,750	0	1,589
114	U. OR	24,424	0	0	17,664	0	0	6,497	263	0	0
115	U. MD Biotechnology Institute	24,216	0	663	23,553	0	0	0	0	0	0
116	Morehouse School of Medicine	23,815	0	0	23,815	0	0	0	0	0	0
117	GA Institute of Technology all campuses	23,688	85	0	4,087	0	2,940	1,680	112	0	14,784
118	Loyola U. Chicago	23,483	0	0	23,021	0	114	315	33	0	0
119	IA State U.	23,301	268	0	11,202	373	1,203	209	9,393	0	653
120	MT State U. Bozeman	22,634	0	0	20,247	19	1,737	0	0	0	631
121	Howard U.	22,542	0	0	22,480	0	0	41	0	0	21
122	U. NV, Reno	22,446	120	0	21,374	0	228	376	2	337	9
123	WA State U.	22,410	0	0	19,908	60	2,092	201	0	10	139
124	U. DE	21,152	4	71	6,926	0	3,801	2,212	2,385	2,721	3,032
125	Carnegie Mellon U.	19,270	2,837	0	3,925	1,013	1,782	1,505	2,900	674	4,634
126	U. of Notre Dame	18,849	0	0	7,083	0	6,664	4,454	234	0	414
127	U. CA, Santa Cruz	18,105	3	946	6,405	0	5,492	590	0	0	4,669
128	San Diego State U.	17,881	0	186	12,219	0	61	4,767	648	0	0
129	OR State U.	17,531	0	0	14,972	0	1,685	25	167	247	435
130	U. Houston	16,179	0	0	8,641	0	377	5,460	1,139	0	562
131	U. North TX Health Science Ctr. Ft. Worth	16,111	0	0	16,111	0	0	0	0	0	0
132	U. CA, Santa Barbara	15,702	0	614	3,055	15	3,139	2,324	65	4,866	1,624
133	FL State U.	15,593	99	4	8,665	470	2,326	2,224	1,636	0	169
134	Uniformed Services U. of the Health Sciences	15,516	0	0	15,516	0	0	0	0	0	0
135	NC State U.	15,247	0	0	10,053	1,630	1,196	0	542	307	1,519
136	U. SD	15,210	0	0	14,979	0	0	231	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
137	VA Polytechnic Institute and State U.	14,664	321	0	9,449	0	1,255	847	19	0	2,773
138	Loma Linda U.	14,531	0	0	14,327	0	0	0	204	0	0
139	U. MA Amherst	14,520	40	0	8,597	159	2,065	2,777	738	0	144
140	FL International U.	14,223	16	0	7,680	0	1,423	1,110	3,951	0	43
141	CUNY Hunter C.	14,001	0	0	6,829	0	3,526	3,572	74	0	0
142	Medical U. OH	13,942	0	0	13,942	0	0	0	0	0	0
143	U. CA, Riverside	13,747	0	0	10,152	0	1,372	1,452	561	0	210
144	U. MO-Kansas City	13,628	0	0	11,825	0	428	1,375	0	0	0
145	Wright State U. all campuses	12,137	96	0	11,718	160	0	163	0	0	0
146	Jackson State U.	12,013	0	1,703	6,448	0	13	613	0	3,236	0
147	UT State U.	12,001	0	3	9,279	0	973	1,707	39	0	0
148	U. TX San Antonio	11,846	0	116	10,204	0	684	54	389	0	399
149	GA State U.	11,835	0	0	6,731	0	1,510	2,581	1,013	0	0
150	Northeastern U.	11,805	56	0	7,448	0	1,994	1,492	0	0	815
151	U. South AL	11,793	0	1	11,572	0	0	220	0	0	0
152	Albany Medical C.	11,094	0	0	11,094	0	0	0	0	0	0
153	U. ID	10,982	0	42	10,700	223	2	15	0	0	0
154	U. RI	10,659	0	0	6,268	0	0	1,401	0	2,805	185
155	U. MT-Missoula, The	10,310	0	18	9,483	0	337	470	2	0	0
156	IL Institute of Technology	10,259	0	0	7,036	0	431	645	0	0	2,147
157	Drexel U.	10,210	0	0	6,999	0	546	880	0	0	1,785
158	Southern IL U. Carbondale	10,003	0	0	9,119	0	108	753	18	4	1
159	U. ND all campuses	9,943	0	0	9,620	0	70	78	0	0	175
160	San Francisco State U.	9,633	0	0	5,272	0	1,550	1,522	1,049	240	0
161	Auburn U. all campuses	9,588	0	0	6,818	0	878	324	690	0	878
162	CUNY The City C.	9,082	0	0	5,843	0	1,184	316	0	0	1,739
163	Rosalind Franklin U. of Medicine and Science	8,904	0	0	8,886	0	0	18	0	0	0
164	U. TX El Paso	8,369	0	0	6,816	72	131	909	0	0	441
165	U. Southern ME	8,073	0	0	1,201	0	0	0	6,872	0	0
166	TX Tech U. Health Science Ctr.	7,891	0	0	7,891	0	0	0	0	0	0
167	Universidad Central del Caribe	7,666	0	0	7,666	0	0	0	0	0	0
168	Boston C.	7,646	0	0	2,025	0	2,731	133	2,757	0	0
169	U. AK Fairbanks all campuses	7,587	0	0	5,094	0	0	274	0	2,219	0
170	Rensselaer Polytechnic Institute	7,570	58	104	1,024	385	1,792	0	0	0	4,207
171	NM State U. all campuses	7,562	85	0	2,319	0	3,701	255	1,080	122	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
172	Syracuse U. all campuses	6,936	92	0	197	0	726	4,470	248	0	1,203
173	East Carolina U.	6,877	0	43	6,564	0	190	80	0	0	0
174	U. WY	6,666	0	0	6,089	0	231	269	0	0	77
175	U. Memphis, The	6,528	0	0	1,591	21	48	1,636	2,977	0	255
176	Rice U.	6,513	0	0	2,010	271	446	463	218	0	3,105
177	OK State U. all campuses	6,425	0	0	5,192	8	44	0	359	48	774
178	U. Central FL	6,186	0	0	989	0	699	0	170	0	4,328
179	FL A&M U.	6,155	0	0	6,084	0	66	0	0	0	5
180	U. TX Dallas	6,152	806	55	876	15	2,044	972	230	0	1,154
181	Eastern VA Medical School	5,940	0	0	5,940	0	0	0	0	0	0
182	Marshall U.	5,699	0	0	5,699	0	0	0	0	0	0
183	ND State U. all campuses	5,648	0	0	1,792	0	1,276	2,541	24	0	15
184	U. Southern MS	5,587	0	1	5,369	0	72	144	0	1	0
185	U. WI Milwaukee	5,495	0	1,013	1,128	12	444	687	1,303	0	908
186	U. PR Rio Piedras Campus	5,354	0	0	1,590	206	2,138	1,300	9	111	0
187	FL Atlantic U.	5,293	0	0	3,811	0	969	479	0	0	34
188	U. Denver	5,021	0	0	1,533	0	1,440	1,936	22	0	90
189	SUNY Binghamton	4,847	0	0	484	0	0	2,611	111	0	1,641
190	Wichita State U.	4,792	0	0	845	0	506	1,638	1,783	0	20
191	Portland State U.	4,778	62	0	2,925	0	65	374	1,352	0	0
192	U. ME	4,478	0	270	938	54	442	420	2,354	0	0
193	NC Central U.	4,472	0	0	3,516	9	0	947	0	0	0
194	Morehouse C.	4,406	0	0	427	0	0	447	3,532	0	0
195	MS State U.	4,147	0	0	2,846	105	182	243	771	0	0
196	Morgan State U.	4,146	0	0	896	2,297	565	0	388	0	0
197	East TN State U.	4,123	0	0	4,041	0	0	82	0	0	0
198	Clemson U.	4,052	0	0	2,078	19	191	0	1,059	0	705
199	George Mason U.	4,030	0	0	2,593	218	0	1,037	182	0	0
200	U. AL, The	4,005	156	1	1,359	0	77	1,814	578	0	20
201	Teachers C. Columbia U.	3,827	0	0	1,552	0	0	2,275	0	0	0
202	Marquette U.	3,817	0	0	2,906	18	224	186	68	0	415
203	U. MA Lowell	3,813	0	0	1,945	0	1	65	210	0	1,592
204	U. LA Lafayette	3,715	0	0	3,715	0	0	0	0	0	0
205	U. AR main campus	3,712	0	0	1,227	0	2,458	10	0	0	17
206	U. NH	3,587	0	0	1,382	0	1,874	77	144	0	110
207	Brigham Young U. all campuses	3,500	0	0	1,026	0	1,781	311	0	0	382

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
208	Tuskegee U.	3,417	0	0	2,313	0	0	0	1,104	0	0
209	Kent State U. all campuses	3,344	0	0	1,580	0	571	1,077	116	0	0
210	CA State U. Los Angeles	3,298	0	0	576	0	2,722	0	0	0	0
211	U. NC Greensboro	3,218	0	0	1,960	0	435	823	0	0	0
212	Wesleyan U.	3,214	0	0	1,999	0	702	513	0	0	0
213	Clark Atlanta U.	3,099	0	0	2,203	0	158	99	0	639	0
214	U. NC Charlotte	3,018	183	0	2,698	0	46	91	0	0	0
215	U. MA Boston	2,972	0	65	765	0	82	1,103	957	0	0
216	CUNY Herbert H. Lehman C.	2,938	0	0	1,140	0	0	1,798	0	0	0
217	Southern Methodist U.	2,900	0	0	1,646	0	107	1,010	30	0	107
218	Hampton U.	2,832	0	0	2,341	0	263	0	0	228	0
219	U. TX Arlington	2,808	0	0	154	0	904	885	245	0	620
220	Northern AZ U.	2,739	0	0	2,660	0	78	0	0	1	0
221	U. AK Anchorage all campuses	2,712	0	0	1,730	0	0	148	834	0	0
222	TX Christian U.	2,684	0	0	203	0	184	2,297	0	0	0
223	Lehigh U.	2,600	0	0	1,770	0	563	267	0	0	0
224	Northern IL U.	2,600	0	0	1,456	0	294	740	91	0	19
225	U. DC	2,590	0	0	509	0	462	0	863	0	756
226	CUNY Brooklyn C.	2,582	598	0	83	0	1,401	500	0	0	0
227	U. Toledo	2,483	0	0	1,466	0	493	96	90	0	338
228	Northeastern OH Universities C. of Medicine	2,479	0	0	2,479	0	0	0	0	0	0
229	Bowling Green State U. all campuses	2,462	0	0	602	0	333	620	899	0	8
230	Oakland U.	2,449	0	0	1,389	0	1,018	38	0	0	4
231	Xavier U. LA	2,356	0	0	1,322	21	1,013	0	0	0	0
232	Spelman C.	2,291	192	0	1,569	0	392	130	8	0	0
233	TN State U.	2,285	0	0	1,390	8	0	0	887	0	0
234	TX A&M U. Kingsville	2,232	0	0	2,075	0	157	0	0	0	0
235	TX Tech U.	2,199	0	538	537	24	277	97	548	0	178
236	CA State U. Long Beach	2,177	0	0	1,571	0	370	129	0	107	0
237	Williams C.	2,141	NA	NA	NA	NA	NA	NA	NA	NA	NA
238	CA State U. Northridge	2,065	0	0	219	0	100	700	0	1,046	0
239	Duquesne U.	2,033	0	0	1,630	94	309	0	0	0	0
240	U. PR Humacao	2,030	0	0	0	0	2,030	0	0	0	0
241	DePaul U.	2,019	63	0	108	0	0	1,686	162	0	0
242	Western MI U.	2,012	0	0	1,635	0	269	20	88	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
243	Chicago State U.	1,994	0	0	0	0	0	0	0	1,994	0
244	Catholic U. America, The	1,926	0	0	1,210	0	266	354	0	0	96
245	Fordham U.	1,926	0	0	1,273	0	0	403	250	0	0
246	U. of the VI	1,902	0	0	1,259	0	0	0	643	0	0
247	ID State U.	1,813	0	0	1,813	0	0	0	0	0	0
248	U. Akron all campuses	1,798	0	0	739	39	67	46	898	0	9
249	CUNY Queens C.	1,793	0	2	654	0	183	893	61	0	0
250	Long Island U. all campuses	1,793	0	0	1,793	0	0	0	0	0	0
251	Mercer U. all campuses	1,762	0	0	1,762	0	0	0	0	0	0
252	SUNY C. of Optometry	1,753	0	0	1,753	0	0	0	0	0	0
253	U. NC Wilmington	1,746	0	120	847	0	151	628	0	0	0
254	DE State U.	1,672	0	0	1,486	0	0	0	186	0	0
255	AL State U.	1,667	0	0	1,612	0	0	0	55	0	0
256	Nova Southeastern U.	1,658	0	0	1,281	0	0	377	0	0	0
257	Boise State U.	1,628	0	0	1,489	0	105	0	0	0	34
258	Black Hills State U.	1,617	0	0	1,617	0	0	0	0	0	0
259	CA State Polytechnic U. Pomona	1,611	0	0	1,611	0	0	0	0	0	0
260	Rochester Institute of Technology	1,608	0	0	1,445	0	35	0	52	0	76
261	Old Dominion U.	1,599	0	0	994	0	20	216	358	0	11
262	Wellesley C.	1,574	0	2	524	0	0	26	20	1,002	0
263	PA C. of Optometry	1,543	0	0	1,543	0	0	0	0	0	0
264	NC Agricultural and Technical State U.	1,486	0	0	1,438	0	8	0	40	0	0
265	CA State U. Bakersfield	1,463	0	0	1,300	0	163	0	0	0	0
266	CUNY York C.	1,455	0	0	1,455	0	0	0	0	0	0
267	Cleveland State U.	1,448	0	0	1,019	0	226	2	24	0	177
268	U. PR Mayaguez Campus	1,410	0	221	347	0	685	0	4	0	153
269	U. GU	1,407	0	0	1,407	0	0	0	0	0	0
270	CA State U. Fullerton	1,403	0	0	1,403	0	0	0	0	0	0
271	U. NV, Las Vegas	1,384	0	0	921	0	350	19	94	0	0
272	Barnard C.	1,375	0	0	0	0	70	1,305	0	0	0
273	Shaw U.	1,324	0	0	1,324	0	0	0	0	0	0
274	IL State U.	1,323	0	0	1,188	0	93	37	5	0	0
275	SUNY C. Old Westbury	1,287	0	0	918	0	363	0	6	0	0
276	CUNY Graduate Ctr.	1,122	351	0	0	0	0	15	0	756	0
277	Albany State U.	1,119	0	413	0	0	0	0	0	0	706
278	St. John's U. (Jamaica, NY)	1,118	0	0	96	0	287	735	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
279	C. of William and Mary all campuses	1,095	0	310	358	0	89	193	145	0	0
280	San Jose State U.	1,082	0	0	147	0	588	74	0	0	273
281	Midwestern U. (Chicago, IL)	1,079	0	0	1,079	0	0	0	0	0	0
282	CA State U. Dominguez Hills	1,072	0	0	811	0	138	93	30	0	0
283	New England C. of Optometry	1,036	0	0	1,036	0	0	0	0	0	0
284	Clark U.	1,028	0	188	281	0	130	429	0	0	0
285	Western KY U.	980	0	0	594	0	32	354	0	0	0
286	MT Tech of the U. MT	979	0	15	563	0	297	0	0	0	104
287	Ball State U.	964	0	0	764	0	88	0	112	0	0
288	U. MO-St. Louis	949	0	0	358	0	512	79	0	0	0
289	Woods Hole Oceanographic Institution	927	0	927	0	0	0	0	0	0	0
290	SUNY C. Buffalo	919	0	3	0	0	0	180	736	0	0
291	Western U. of Health Sciences	905	0	0	905	0	0	0	0	0	0
292	CA State U. East Bay	897	0	0	693	0	204	0	0	0	0
293	Worcester Polytechnic Institute	881	107	0	98	358	0	0	0	0	318
294	Smith C.	874	0	0	222	19	0	286	21	0	326
295	CA State U. Fresno	831	0	0	457	0	140	234	0	0	0
296	Benedict C.	818	0	0	818	0	0	0	0	0	0
297	FL Institute of Technology	816	93	0	276	0	447	0	0	0	0
298	Northwestern Health Sciences U.	800	0	0	800	0	0	0	0	0	0
299	MI Technological U.	741	0	0	0	276	147	0	0	0	318
300	U. TX-Pan American	741	0	0	721	0	0	20	0	0	0
301	Bates C.	721	0	0	721	0	0	0	0	0	0
302	U. Tulsa	706	0	0	414	0	0	292	0	0	0
303	Philadelphia C. of Osteopathic Medicine	681	0	0	681	0	0	0	0	0	0
304	NM Highlands U.	678	0	0	0	0	663	15	0	0	0
305	Augustana C. (Sioux Falls, SD)	674	0	0	674	0	0	0	0	0	0
306	Colby C.	672	168	0	393	0	43	68	0	0	0
307	Claremont Graduate U.	658	0	0	0	0	0	658	0	0	0
308	C. Charleston	650	0	0	619	0	19	12	0	0	0
309	SUNY C. Plattsburgh	644	0	0	0	0	644	0	0	0	0
310	U. North TX	639	0	0	314	0	0	0	325	0	0
311	SUNY C. Oswego	636	0	0	0	0	0	636	0	0	0
312	Seton Hall U.	626	0	0	626	0	0	0	0	0	0
313	Clarkson U.	619	0	0	404	0	79	0	0	0	136

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
314	Gallaudet U.	616	0	0	467	0	0	134	0	15	0
315	LA Tech U.	607	232	161	0	0	0	0	0	0	214
316	Governors State U.	601	0	0	601	0	0	0	0	0	0
317	U. Dayton	601	0	0	601	0	0	0	0	0	0
318	U. MO-Rolla	593	0	0	286	0	259	0	0	0	48
319	Pomona C.	582	0	0	123	11	41	407	0	0	0
320	MT State U. Billings	581	0	0	581	0	0	0	0	0	0
321	AL A&M U.	580	0	0	0	0	578	0	0	0	2
322	SD State U.	580	0	0	576	0	0	0	0	0	4
323	TX Woman's U.	578	0	0	577	0	0	0	0	1	0
324	CUNY C. Staten Island	570	0	0	49	0	521	0	0	0	0
325	Northern KY U.	560	0	0	330	0	2	228	0	0	0
326	Fayetteville State U.	554	0	0	0	0	0	0	554	0	0
327	Bowdoin C.	548	0	0	548	0	0	0	0	0	0
328	Furman U.	537	0	0	185	0	286	66	0	0	0
329	Albany C. of Pharmacy	524	0	0	524	0	0	0	0	0	0
330	U. of the Pacific	522	0	0	522	0	0	0	0	0	0
331	CO School of Mines	515	0	0	0	0	349	0	0	0	166
332	Eastern MI U.	501	0	0	94	0	235	172	0	0	0
333	James Madison U.	499	0	0	499	0	0	0	0	0	0
334	Maharishi U. of Management	499	0	0	499	0	0	0	0	0	0
335	Rowan U.	485	0	0	0	0	0	485	0	0	0
336	Roger Williams U. Bristol	480	0	0	480	0	0	0	0	0	0
337	CA State U. San Bernardino	475	0	0	83	0	0	392	0	0	0
338	Millsaps C.	471	0	0	471	0	0	0	0	0	0
339	CO State U. Pueblo	462	0	0	297	0	165	0	0	0	0
340	Mt. St. Mary's C. (Los Angeles, CA)	462	0	0	462	0	0	0	0	0	0
341	National U. of Health Sciences	460	0	0	460	0	0	0	0	0	0
342	Southeastern OK State U.	457	0	0	100	0	357	0	0	0	0
343	Hope C.	429	0	0	429	0	0	0	0	0	0
344	Stephen F. Austin State U.	429	0	0	429	0	0	0	0	0	0
345	U. LA Monroe	413	0	0	413	0	0	0	0	0	0
346	Prairie View A&M U.	409	0	0	355	0	54	0	0	0	0
347	West Liberty State C.	402	0	0	402	0	0	0	0	0	0
348	U. WI La Crosse	398	87	0	272	0	39	0	0	0	0
349	GA Southern U.	381	0	0	360	0	0	21	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field:
FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
350	Savannah State U.	381	0	0	381	0	0	0	0	0	0
351	Morehead State U.	370	0	0	163	0	0	207	0	0	0
352	IN State U. all campuses	365	0	0	0	0	12	353	0	0	0
353	Bluefield State C.	356	0	0	356	0	0	0	0	0	0
354	Bryn Mawr C.	355	0	0	159	0	74	122	0	0	0
355	Lincoln U. (Lincoln University, PA)	338	0	0	146	0	192	0	0	0	0
356	Hamilton C. (Clinton, NY)	327	0	0	94	0	0	233	0	0	0
357	American U.	326	0	0	0	0	0	272	54	0	0
358	Norfolk State U.	326	0	0	0	0	326	0	0	0	0
359	Reed C.	324	0	0	98	0	40	186	0	0	0
360	Stevens Institute of Technology	318	0	0	241	0	0	0	0	0	77
361	Tougaloo C.	317	0	0	317	0	0	0	0	0	0
362	C. of the Holy Cross	314	0	0	34	0	0	280	0	0	0
363	Central MI U.	307	0	0	152	0	50	97	0	8	0
364	Eastern KY U.	298	0	0	48	0	250	0	0	0	0
365	U. AL Huntsville, The	295	0	0	244	0	51	0	0	0	0
366	Hendrix C.	281	0	0	13	0	268	0	0	0	0
367	Loyola Marymount U.	281	0	0	78	26	0	177	0	0	0
368	U. of the Sciences Philadelphia	277	0	0	277	0	0	0	0	0	0
369	A.T. Still U. of Health Sciences	273	0	0	273	0	0	0	0	0	0
370	Baylor U.	273	62	0	5	0	101	105	0	0	0
371	U. CA, Merced	271	0	0	271	0	0	0	0	0	0
372	Southwest MO State U.	270	0	0	270	0	0	0	0	0	0
373	Southern U. and A&M C. all campuses	260	0	0	260	0	0	0	0	0	0
374	Heritage U. (Toppenish, WA)	254	0	0	254	0	0	0	0	0	0
375	Johnson C. Smith U.	251	0	0	0	0	149	102	0	0	0
376	Western WA U.	249	0	0	0	0	58	64	127	0	0
377	Mayville State U.	243	0	0	243	0	0	0	0	0	0
378	U. MD Baltimore County	242	90	0	132	0	0	0	20	0	0
379	Carlos Albizu U. (San Juan, PR)	234	0	0	0	0	0	234	0	0	0
380	Grambling State U.	233	0	0	233	0	0	0	0	0	0
381	OH Wesleyan U.	216	0	0	35	0	0	181	0	0	0
382	U. Northern CO	212	0	0	135	0	0	0	77	0	0
383	Amherst C.	209	0	0	0	0	32	177	0	0	0
384	U. New England	208	0	0	208	0	0	0	0	0	0
385	Northeastern State U.	207	0	0	207	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
386	Western IL U.	200	0	0	0	0	200	0	0	0	0
387	U. WI Parkside	199	0	0	199	0	0	0	0	0	0
388	U. MA Dartmouth	194	0	0	13	0	162	19	0	0	0
389	Milwaukee School of Engineering	192	0	0	192	0	0	0	0	0	0
390	Davidson C.	187	0	0	0	0	0	187	0	0	0
391	WV State U.	187	0	0	187	0	0	0	0	0	0
392	U. North FL	184	0	0	102	18	0	52	12	0	0
393	U. San Francisco	181	0	4	73	0	0	104	0	0	0
394	Alcorn State U.	180	0	0	180	0	0	0	0	0	0
395	Central WA U.	180	0	0	0	0	101	0	79	0	0
396	St. Mary's C. MD	179	0	0	0	0	0	179	0	0	0
397	Trinity C. (Hartford, CT)	178	50	0	7	0	0	100	21	0	0
398	Elizabeth City State U.	177	0	0	177	0	0	0	0	0	0
399	Swarthmore C.	176	0	0	40	0	0	58	0	0	78
400	U. HI Hilo	173	0	0	0	0	146	0	0	27	0
401	St. Cloud State U.	170	0	0	170	0	0	0	0	0	0
402	NM Institute of Mining and Technology	169	0	0	0	0	169	0	0	0	0
403	CUNY Medgar Evers C.	164	0	0	164	0	0	0	0	0	0
404	Middle TN State U.	154	0	0	124	0	30	0	0	0	0
405	Simmons C.	154	0	0	40	0	0	0	0	114	0
406	U. Houston-Clear Lake	154	0	0	154	0	0	0	0	0	0
407	Des Moines U.	153	0	0	153	0	0	0	0	0	0
408	CT C.	152	0	0	36	0	61	55	0	0	0
409	Southeastern LA U.	150	0	0	94	0	56	0	0	0	0
410	Jarvis Christian C.	145	0	30	76	0	29	0	0	0	10
411	Pittsburg State U.	143	0	0	111	0	32	0	0	0	0
412	U. Richmond	142	0	0	65	0	32	0	45	0	0
413	Appalachian State U.	141	0	0	0	0	0	141	0	0	0
414	Juniata C.	133	0	0	133	0	0	0	0	0	0
415	Ithaca C.	132	0	0	132	0	0	0	0	0	0
416	New School, The	126	0	0	0	0	0	126	0	0	0
417	Bucknell U.	125	0	0	125	0	0	0	0	0	0
418	Ft. Lewis C.	125	0	0	125	0	0	0	0	0	0
419	U. of St. Thomas (St. Paul, MN)	116	94	0	22	0	0	0	0	0	0
420	U. WI Eau Claire	115	0	0	74	0	0	41	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
421	Ursinus C.	113	0	0	113	0	0	0	0	0	0
422	Trinity U.	110	0	0	43	0	0	67	0	0	0
423	Indiana U. PA all campuses	107	0	0	0	0	0	43	64	0	0
424	Mercy C.	100	0	0	0	0	0	0	100	0	0
425	U. Northern IA	99	0	0	0	0	0	0	99	0	0
426	CA State Polytechnic U. San Luis Obispo	95	0	0	0	0	0	25	0	70	0
427	U. San Diego	95	0	0	81	0	14	0	0	0	0
428	VA State U.	93	0	0	93	0	0	0	0	0	0
429	U. Puget Sound	90	0	0	0	0	0	0	90	0	0
430	Central CT State U.	85	0	0	79	0	0	0	6	0	0
431	Rider U.	85	0	0	85	0	0	0	0	0	0
432	U. West FL	85	0	0	85	0	0	0	0	0	0
433	Kalamazoo C.	84	0	0	44	40	0	0	0	0	0
434	Berry C.	75	0	0	0	0	0	75	0	0	0
435	Pitzer C.	71	0	0	0	0	0	71	0	0	0
436	Carleton C.	68	0	0	25	0	34	9	0	0	0
437	Macalester C.	68	0	0	0	0	0	68	0	0	0
438	Lafayette C.	66	0	0	0	0	12	0	0	0	54
439	Mt. Holyoke C.	63	0	0	43	0	20	0	0	0	0
440	SD School of Mines and Technology	63	0	0	0	0	63	0	0	0	0
441	U. Scranton	57	0	0	12	0	45	0	0	0	0
442	Towson U.	56	0	0	28	0	28	0	0	0	0
443	Drake U.	55	0	0	0	0	0	21	0	34	0
444	U. AR Pine Bluff	53	0	0	0	0	53	0	0	0	0
445	Southern IL U. Edwardsville	49	0	0	49	0	0	0	0	0	0
446	Lake Forest C.	47	0	0	47	0	0	0	0	0	0
447	Vassar C.	47	0	0	47	0	0	0	0	0	0
448	CUNY Baruch C.	45	0	0	0	0	0	45	0	0	0
449	Franklin & Marshall C.	40	0	0	40	0	0	0	0	0	0
450	U. TX Tyler	37	0	0	18	19	0	0	0	0	0
451	Augustana C. (Rock Island, IL)	36	0	0	36	0	0	0	0	0	0
452	Hofstra U.	36	0	0	36	0	0	0	0	0	0
453	Coastal Carolina U.	35	0	0	35	0	0	0	0	0	0
454	KY State U.	35	0	0	0	0	0	0	0	0	35
455	U. Portland	35	0	0	35	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
456	Fairfield U.	33	0	0	0	0	0	32	0	1	0
457	Youngstown State U.	32	0	0	0	0	32	0	0	0	0
458	Lewis and Clark C.	31	0	0	20	0	11	0	0	0	0
459	SUNY C. Geneseo	31	0	0	0	0	0	30	0	1	0
460	Central State U.	30	0	0	0	0	30	0	0	0	0
461	U. WI Oshkosh	30	0	0	30	0	0	0	0	0	0
462	CUNY John Jay C. of Criminal Justice	29	0	0	0	0	0	29	0	0	0
463	Murray State U.	29	0	0	29	0	0	0	0	0	0
464	Rhodes C.	28	0	0	28	0	0	0	0	0	0
465	Lawrence U.	27	0	0	14	0	13	0	0	0	0
466	U. NC Pembroke	27	0	0	0	0	27	0	0	0	0
467	Kennesaw State U.	25	0	0	25	0	0	0	0	0	0
468	Colgate U.	24	0	0	24	0	0	0	0	0	0
469	Gettysburg C.	24	0	0	0	0	0	24	0	0	0
470	Monmouth U.	24	0	0	0	0	24	0	0	0	0
471	Rose-Hulman Institute of Technology	20	0	0	0	0	0	0	0	0	20
472	U. West GA	20	0	0	0	0	0	0	20	0	0
473	NJ Institute of Technology	19	0	0	0	0	0	0	0	0	19
474	Allegheny C.	18	0	0	0	0	18	0	0	0	0
475	Alfred U. all campuses	14	0	0	0	0	0	14	0	0	0
476	MS Valley State U.	14	0	0	14	0	0	0	0	0	0
477	Wabash C.	10	0	0	0	0	10	0	0	0	0
478	Grand Valley State U.	8	0	0	0	0	0	8	0	0	0
479	SUNY C. Cortland	7	0	0	0	0	7	0	0	0	0
480	Northeastern IL U.	6	0	0	0	0	0	6	0	0	0
481	U. WI Stevens Point	6	0	0	0	0	6	0	0	0	0
482	Oberlin C.	5	0	0	5	0	0	0	0	0	0
483	U. Detroit Mercy	4	0	0	4	0	0	0	0	0	0
484	Radford U.	2	0	0	0	0	0	0	2	0	0
	Abilene Christian U.	0	0	0	0	0	0	0	0	0	0
	Air Force Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0	0	0	0	0
	AR State U. main campus	0	0	0	0	0	0	0	0	0	0
	Augsburg C.	0	0	0	0	0	0	0	0	0	0
	Bowie State U.	0	0	0	0	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Bradley U.	0	0	0	0	0	0	0	0	0	0
	Bridgewater State C.	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
	Calvin C.	0	0	0	0	0	0	0	0	0	0
	Canisius C.	0	0	0	0	0	0	0	0	0	0
	Chapman U.	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	0	0	0	0	0	0	0	0	0	0
	Christopher Newport U.	0	0	0	0	0	0	0	0	0	0
	Claffin U.	0	0	0	0	0	0	0	0	0	0
	C. NJ, The	0	0	0	0	0	0	0	0	0	0
	Denison U.	0	0	0	0	0	0	0	0	0	0
	Desert Research Institute	0	0	0	0	0	0	0	0	0	0
	Dickinson C.	0	0	0	0	0	0	0	0	0	0
	Eastern OR U.	0	0	0	0	0	0	0	0	0	0
	Eastern WA U.	0	0	0	0	0	0	0	0	0	0
	Evergreen State C.	0	0	0	0	0	0	0	0	0	0
	Fisk U.	0	0	0	0	0	0	0	0	0	0
	Fitchburg State C.	0	0	0	0	0	0	0	0	0	0
	FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0
	Fuller Theological Seminary CA	0	0	0	0	0	0	0	0	0	0
	Grinnell C.	0	0	0	0	0	0	0	0	0	0
	Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	0	0	0	0	0	0	0	0	0	0
	Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0
	Humboldt State U.	0	0	0	0	0	0	0	0	0	0
	IL Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	Jacksonville State U.	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	John Carroll U.	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
	KS State U.	0	0	0	0	0	0	0	0	0	0
	Kettering U.	0	0	0	0	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	0	0	0	0	0	0	0	0	0	0
	La Salle U.	0	0	0	0	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Lamar U.	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0
	Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0
	Loyola U. New Orleans	0	0	0	0	0	0	0	0	0	0
	Manhattan C.	0	0	0	0	0	0	0	0	0	0
	McNeese State U.	0	0	0	0	0	0	0	0	0	0
	Mercyhurst C.	0	0	0	0	0	0	0	0	0	0
	MN State U. Mankato	0	0	0	0	0	0	0	0	0	0
	Muhlenberg C.	0	0	0	0	0	0	0	0	0	0
	Naval Postgraduate School	0	0	0	0	0	0	0	0	0	0
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0
	Nicholls State U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	Occidental C.	0	0	0	0	0	0	0	0	0	0
	OH U. all campuses	0	0	0	0	0	0	0	0	0	0
	OR Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Pace U. all campuses	0	0	0	0	0	0	0	0	0	0
	Pacific U.	0	0	0	0	0	0	0	0	0	0
	Philadelphia U.	0	0	0	0	0	0	0	0	0	0
	Point Loma Nazarene C.	0	0	0	0	0	0	0	0	0	0
	Polytechnic U.	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0
	Providence C.	0	0	0	0	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0
	Sam Houston State U.	0	0	0	0	0	0	0	0	0	0
	Sarah Lawrence C.	0	0	0	0	0	0	0	0	0	0
	Sinte Gleska U.	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0
	Southeast MO State U.	0	0	0	0	0	0	0	0	0	0
	Southern OR U.	0	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0
	St. Francis U. (Loretto, PA)	0	0	0	0	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	St. Joseph's U.	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	0	0	0	0	0	0	0	0	0
	St. Olaf C.	0	0	0	0	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
	SUNY C. Brockport	0	0	0	0	0	0	0	0	0	0
	SUNY Fredonia	0	0	0	0	0	0	0	0	0	0
	SUNY Upstate Medical U.	0	0	0	0	0	0	0	0	0	0
	Tarleton State U.	0	0	0	0	0	0	0	0	0	0
	TN Technological U.	0	0	0	0	0	0	0	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0	0	0	0	0
	TX A&M U. Corpus Christi	0	0	0	0	0	0	0	0	0	0
	TX Southern U.	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
	Troy U. main campus	0	0	0	0	0	0	0	0	0	0
	Truman State U.	0	0	0	0	0	0	0	0	0	0
	Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0
	U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
	U.S. Naval Academy	0	0	0	0	0	0	0	0	0	0
	Universidad del Este	0	0	0	0	0	0	0	0	0	0
	Universidad del Turabo	0	0	0	0	0	0	0	0	0	0
	Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0
	U. AK Southeast all campuses	0	0	0	0	0	0	0	0	0	0
	U. Baltimore	0	0	0	0	0	0	0	0	0	0
	U. CA Office of the President	0	0	0	0	0	0	0	0	0	0
	U. Central OK	0	0	0	0	0	0	0	0	0	0
	U. Hartford	0	0	0	0	0	0	0	0	0	0
	U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0
	U. IL Springfield	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
	U. MD Eastern Shore	0	0	0	0	0	0	0	0	0	0
	U. NC Asheville	0	0	0	0	0	0	0	0	0	0
	U. Redlands	0	0	0	0	0	0	0	0	0	0
	U. of the South	0	0	0	0	0	0	0	0	0	0
	U. WI Green Bay	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	0	0	0	0	0	0	0	0	0	0

TABLE 78. Federally financed R&D expenditures at universities and colleges, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	HHS R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	U. WI River Falls	0	0	0	0	0	0	0	0	0	0
	U. WI Stout	0	0	0	0	0	0	0	0	0	0
	U. WI Superior	0	0	0	0	0	0	0	0	0	0
	U. WI Whitewater	0	0	0	0	0	0	0	0	0	0
	Valparaiso U.	0	0	0	0	0	0	0	0	0	0
	VA Military Institute	0	0	0	0	0	0	0	0	0	0
	Washington and Lee U.	0	0	0	0	0	0	0	0	0	0
	West Chester U. PA	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
	WV School of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0
	Western Carolina U.	0	0	0	0	0	0	0	0	0	0
	Whitman C.	0	0	0	0	0	0	0	0	0	0
	Wilkes U.	0	0	0	0	0	0	0	0	0	0
	Willamette U.	0	0	0	0	0	0	0	0	0	0

HHS = Department of Health and Human Services.

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

nec = not elsewhere classified.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Institutions not listed in this table did not provide federally financed R&D expenditures by federal agency; institutions that reported amounts of zero or more are included. Detail may not add to all-institution total because some respondents reporting federal agency data did not break out these data by field of science. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	1,046,891	25,180	247,436	102,882	4,333	325,520	11,810	11,325	12,210	306,195
1	Stanford U.	61,323	194	399	856	0	29,043	0	0	0	30,831
2	U. CO all campuses	45,133	0	27,971	109	126	11,549	88	0	0	5,290
3	U. AZ	42,525	0	609	683	0	40,403	0	0	0	830
4	U. CA, Berkeley	41,251	0	1,723	277	0	37,593	0	0	411	1,247
5	U. MD College Park	34,021	793	4,714	236	83	13,283	0	5,991	0	8,921
6	MA Institute of Technology	31,936	2,155	4,826	37	0	11,513	0	71	50	13,284
7	UT State U.	30,922	0	767	1,322	0	151	21	0	0	28,661
8	Baylor C. of Medicine	26,549	0	0	26,549	0	0	0	0	0	0
9	U. MD Baltimore County	22,080	17	18,304	57	29	3,073	240	0	0	360
10	U. CA, Santa Cruz	21,159	52	648	104	0	2,192	0	0	0	18,163
11	U. AL Huntsville, The	18,858	2,228	3,738	444	40	5,548	0	49	0	6,811
12	GA Institute of Technology all campuses	18,577	121	3,121	86	0	1,023	0	1,161	0	13,065
13	Hampton U.	18,101	0	15,611	22	0	1,766	0	0	0	702
14	CA Institute of Technology	16,747	128	3,693	457	0	11,369	0	0	467	633
15	Johns Hopkins U., The ^a	16,725	0	352	951	0	14,276	0	0	0	1,146
16	U. MI all campuses	16,633	0	5	626	0	2,129	245	0	0	13,628
17	TX A&M U. all campuses	15,555	22	1,241	841	0	4,563	177	0	0	8,711
18	U. HI Manoa	15,198	0	6,443	197	0	8,364	0	0	112	82
19	U. NH	13,921	34	13,658	0	0	54	0	63	44	68
20	U. CA, Los Angeles	13,200	0	2,428	447	0	7,389	0	107	0	2,829
21	Columbia U. in the City of NY	12,838	0	7,624	597	0	1,817	0	0	0	2,800
22	CO State U.	11,675	0	8,772	2,507	0	114	0	0	0	282
23	AZ State U. main campus	11,671	43	9,335	122	42	1,405	15	0	0	709
24	U. FL	10,873	0	0	834	0	1,382	21	11	0	8,625
25	San Jose State U.	10,817	0	667	30	16	557	8,391	149	0	1,007
26	U. AK Fairbanks all campuses	10,640	0	10,610	3	0	0	0	0	0	27
27	U. WI Madison	10,635	0	6,340	664	0	2,125	0	0	0	1,506
28	PA State U. all campuses	10,479	187	3,250	327	17	4,730	0	0	0	1,968
29	U. WA	9,910	0	5,884	733	0	2,076	0	0	0	1,217
30	Boston U.	9,491	28	2,015	674	0	5,476	0	0	349	949
31	U. TX Austin	9,184	48	131	186	0	2,013	392	27	0	6,387
32	Carnegie Mellon U.	9,003	4,903	0	293	0	678	257	84	6	2,782
33	OH State U. all campuses	8,917	0	1,817	312	44	1,595	0	411	17	4,721
34	Purdue U. all campuses	8,864	0	585	147	0	377	218	0	1,839	5,698

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
35	George Mason U.	8,577	33	7,032	0	1,031	164	19	160	0	138
36	Princeton U.	8,462	99	584	55	0	2,925	0	39	0	4,760
37	U. CA, San Diego	8,456	0	4,191	234	0	3,370	0	0	0	661
38	Harvard U.	8,429	0	3,951	536	0	2,060	0	0	0	1,882
39	U. AL Birmingham, The	7,830	0	0	6,758	0	218	0	0	0	854
40	MT State U. Bozeman	7,815	0	0	3,360	0	4,203	0	0	57	195
41	Case Western Reserve U.	7,154	877	220	239	0	588	0	0	0	5,230
42	U. IA	6,758	0	0	85	0	5,878	0	5	0	790
43	U. Southern CA	6,730	4,304	826	0	0	110	0	0	3	1,487
44	U. IL Urbana-Champaign	6,569	950	519	2	0	1,415	79	4	86	3,514
45	Washington U. St. Louis	6,517	0	1,936	650	0	3,451	0	0	0	480
46	OR State U.	6,039	0	3,817	1,665	0	0	5	0	0	552
47	U. Central FL	5,920	0	4,580	97	3	80	0	0	0	1,160
48	U. ND all campuses	5,567	0	5,444	0	0	0	0	0	111	12
49	U. ID	5,321	851	25	214	0	469	0	378	0	3,384
50	Old Dominion U.	5,251	44	397	0	375	20	42	55	0	4,318
51	CO School of Mines	5,032	0	65	0	0	74	0	0	4,738	155
52	U. Toledo	4,988	0	59	0	0	168	0	0	0	4,761
53	Loma Linda U.	4,604	0	0	4,604	0	0	0	0	0	0
54	U. CA, Santa Barbara	4,565	2,412	564	0	0	1,216	0	0	0	373
55	Cornell U. all campuses	4,532	93	263	238	0	2,734	0	0	0	1,204
56	SUNY Stony Brook all campuses	4,403	0	843	357	24	796	0	0	0	2,383
57	U. Chicago	4,394	0	703	96	0	3,595	0	0	0	0
58	U. CA, Irvine	4,390	43	1,100	507	0	1,265	0	0	0	1,475
59	U. MN all campuses	4,286	46	332	343	0	3,010	0	0	0	555
60	Morgan State U.	4,235	5	0	0	0	44	0	0	0	4,186
61	Rice U.	3,922	0	7	237	141	2,053	22	0	0	1,462
62	Northwestern U.	3,861	0	3,032	0	0	328	0	0	0	501
63	U. Miami	3,784	0	2,883	50	0	851	0	0	0	0
64	MI State U.	3,662	0	17	1,933	0	857	0	578	0	277
65	Catholic U. America, The	3,602	0	0	0	0	3,526	46	0	0	30
66	U. VA all campuses	3,586	315	727	187	0	1,316	0	0	0	1,041
67	TX Southern U.	3,403	0	0	1,979	0	1,424	0	0	0	0
68	IA State U.	3,306	0	0	31	0	243	0	0	0	3,032
69	U. NM all campuses	2,947	0	2,207	0	99	502	0	69	0	70
70	U. Southern MS	2,847	17	120	16	0	238	0	39	2,315	102

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	Auburn U. all campuses	2,813	0	451	0	0	179	0	0	724	1,459
72	U. CA, Davis	2,734	0	355	1,112	71	420	18	0	0	758
73	Wichita State U.	2,707	0	0	0	0	37	0	0	0	2,670
74	MS State U.	2,698	68	1,143	282	0	312	0	14	0	879
75	U. MO-Columbia	2,686	0	64	1,930	0	237	0	1	0	454
76	SUNY Buffalo all campuses	2,649	36	184	2,343	0	0	0	0	0	86
77	U. TX Dallas	2,605	341	24	372	7	865	411	97	0	488
78	Rochester Institute of Technology	2,598	0	0	0	0	2,553	0	0	0	45
79	CA State U. Monterey Bay	2,565	0	2,003	562	0	0	0	0	0	0
80	U. SC all campuses	2,483	0	252	490	0	106	0	855	0	780
81	Rutgers, The State U. NJ all campuses	2,392	89	657	185	0	1,113	0	0	0	348
82	U. TN all campuses	2,376	0	705	737	0	24	0	0	0	910
83	U. TX Southwestern Medical Ctr. Dallas	2,338	0	0	2,338	0	0	0	0	0	0
84	FL State U.	2,336	28	1,526	40	131	49	0	0	0	562
85	IN U. all campuses	2,321	0	1,159	577	0	437	0	126	0	22
86	U. TX Health Science Ctr. Houston	2,208	0	0	2,208	0	0	0	0	0	0
87	U. CT all campuses	2,116	14	191	1,281	0	298	0	0	0	332
88	U. OK all campuses	2,105	181	904	217	0	370	75	0	0	358
89	Brown U.	2,089	0	1,647	0	0	442	0	0	0	0
90	Cleveland State U.	2,078	0	25	0	0	30	0	17	0	2,006
91	Fisk U.	2,000	0	0	0	0	2,000	0	0	0	0
92	U. CA, Riverside	1,987	0	1,381	520	0	86	0	0	0	0
93	FL Atlantic U.	1,984	0	0	0	0	10	0	0	0	1,974
94	U. RI	1,976	14	1,858	0	0	0	48	0	0	56
95	Vanderbilt U.	1,964	0	0	0	0	233	0	0	0	1,731
96	U. KS all campuses	1,939	0	341	319	0	135	0	0	0	1,144
97	U. AL, The	1,922	1,139	0	0	0	147	0	0	0	636
98	Norfolk State U.	1,920	36	0	33	183	1,513	0	0	0	155
99	NC State U.	1,898	0	587	411	0	149	0	0	0	751
100	Rensselaer Polytechnic Institute	1,890	0	53	154	0	837	0	0	0	846
101	U. PA	1,875	277	0	603	0	905	0	0	0	90
102	U. KY all campuses	1,866	144	0	287	0	719	0	0	0	716
103	U. MO-Rolla	1,864	0	0	0	0	1,285	0	0	0	579
104	Dartmouth C.	1,847	0	5	89	0	978	0	186	0	589

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
105	U. South FL	1,835	0	1,588	170	0	24	0	0	0	53
106	NM State U. all campuses	1,830	0	0	0	0	1,084	0	0	10	736
107	Marshall U.	1,827	0	0	332	0	0	0	0	0	1,495
108	TN State U.	1,810	0	0	59	0	67	0	0	0	1,684
109	U. Houston	1,808	0	0	450	0	93	0	0	0	1,265
110	VA Commonwealth U.	1,770	0	0	881	0	63	0	0	0	826
111	NC Agricultural and Technical State U.	1,710	136	0	3	0	148	0	0	0	1,423
112	U. TX Medical Branch	1,702	0	0	1,621	0	0	0	0	0	81
113	U. Akron all campuses	1,685	0	0	0	135	198	0	18	0	1,334
114	Drexel U.	1,681	0	0	0	0	674	0	0	0	1,007
115	CUNY The City C.	1,646	0	0	0	0	1,426	0	0	0	220
116	U. DE	1,633	0	233	0	0	1,058	0	0	0	342
117	SUNY Albany	1,591	0	245	0	0	455	0	0	0	891
118	FL Institute of Technology	1,524	8	42	10	0	471	0	0	0	993
119	Tufts U.	1,509	0	224	340	0	504	0	0	0	441
120	Tulane U.	1,484	0	0	324	0	226	0	0	0	934
121	Prairie View A&M U.	1,469	0	0	0	0	71	0	0	0	1,398
122	U. MA Amherst	1,458	10	145	0	0	964	0	0	0	339
123	U. Louisville	1,449	22	0	407	0	230	652	0	0	138
124	LA State U. all campuses	1,448	15	0	312	16	982	0	17	15	91
125	U. NE all campuses	1,403	0	329	259	0	120	0	0	0	695
126	Duke U.	1,397	0	325	337	0	215	0	0	0	520
127	U. NV, Reno	1,387	193	612	14	24	154	31	0	0	359
128	U. Rochester	1,382	0	33	198	0	572	0	0	0	579
129	AL A&M U.	1,372	0	0	854	0	485	0	0	0	33
130	TX Tech U.	1,369	510	218	297	0	58	0	0	0	286
131	Syracuse U. all campuses	1,341	186	0	2	0	128	0	0	0	1,025
132	C. Charleston	1,338	0	1,313	0	0	25	0	0	0	0
133	WV U.	1,328	0	0	0	0	80	0	0	5	1,243
134	U. Pittsburgh all campuses	1,321	0	314	487	0	473	0	0	0	47
135	U. MT-Missoula, The	1,304	7	0	989	0	38	0	270	0	0
136	San Diego State U.	1,292	0	1,082	95	0	64	0	0	0	51
137	VA Polytechnic Institute and State U.	1,269	0	29	229	0	54	0	0	0	957
138	U. UT	1,266	0	929	71	0	0	66	0	0	200
139	Morehouse School of Medicine	1,241	0	0	1,241	0	0	0	0	0	0
140	U. MS all campuses	1,223	0	0	169	0	426	0	0	0	628

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
141	Wayne State U.	1,204	0	0	10	0	0	0	0	0	1,194
142	Yale U.	1,172	0	347	9	0	484	0	0	0	332
143	CA State U. Los Angeles	1,171	0	0	0	0	101	0	0	0	1,070
144	Portland State U.	1,147	257	122	160	8	445	0	0	0	155
145	Northeastern U.	1,145	0	0	177	0	96	0	0	0	872
146	U. Cincinnati all campuses	1,128	0	29	0	0	5	0	30	0	1,064
147	NJ Institute of Technology	1,094	0	0	0	26	1,036	0	0	0	32
148	Thomas Jefferson U.	1,094	0	0	1,094	0	0	0	0	0	0
149	Southern U. and A&M C. all campuses	1,088	0	1,046	0	0	25	0	0	0	17
150	U. CA, San Francisco	1,072	0	0	847	0	225	0	0	0	0
151	Woods Hole Oceanographic Institution	1,068	0	852	0	0	0	0	0	0	216
152	U. AR main campus	1,061	0	166	11	0	769	0	25	0	90
153	Clemson U.	1,052	0	0	0	0	784	0	0	0	268
154	Desert Research Institute	1,019	0	854	165	0	0	0	0	0	0
155	U. PR Rio Piedras Campus	1,004	0	0	0	0	1,004	0	0	0	0
156	Clark Atlanta U.	959	9	0	0	0	934	0	0	4	12
157	Western KY U.	946	0	0	0	0	946	0	0	0	0
158	Brigham Young U. all campuses	945	92	0	0	188	54	0	0	0	611
159	U. Denver	917	0	0	0	0	446	0	0	0	471
160	NY U.	875	0	0	324	285	242	24	0	0	0
161	U. PR Mayaguez Campus	875	0	108	0	0	90	0	0	0	677
162	ID State U.	858	0	850	0	0	2	0	0	2	4
163	George Washington U.	820	0	0	0	0	65	0	0	0	755
164	Brandeis U.	760	0	0	746	0	14	0	0	0	0
165	U. Dayton	744	0	0	0	33	0	0	0	0	711
166	American U.	721	0	0	0	0	721	0	0	0	0
167	Southern IL U. Carbondale	708	0	73	274	4	269	0	0	0	88
168	U. WY	705	0	100	1	0	484	0	0	0	120
169	U. VT	684	0	72	0	612	0	0	0	0	0
170	OK State U. all campuses	677	9	0	6	0	347	0	0	29	286
171	U. NC Asheville	654	0	0	0	0	654	0	0	0	0
172	U. TX El Paso	638	17	365	0	0	122	0	0	0	134
173	U. IL Chicago	615	0	211	182	0	0	0	0	0	222
174	SD State U.	614	0	137	123	0	119	0	0	0	235
175	Southern Methodist U.	592	0	0	0	0	0	0	0	0	592

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
176	U. of Notre Dame	590	0	0	0	0	295	0	0	0	295
177	U. ME	581	0	545	0	0	7	0	0	0	29
178	Stevens Institute of Technology	567	0	454	0	0	113	0	0	0	0
179	Bowling Green State U. all campuses	559	137	0	76	0	33	0	0	0	313
180	U. GA	550	0	61	17	0	472	0	0	0	0
181	Tuskegee U.	538	0	0	126	0	0	0	0	0	412
182	TX A&M U. Corpus Christi	528	0	23	0	378	0	0	0	0	127
183	SD School of Mines and Technology	510	0	82	0	0	27	0	0	391	10
184	San Francisco State U.	506	0	0	0	0	374	0	0	0	132
185	CA State Polytechnic U. Pomona	504	0	0	253	0	0	0	0	0	251
186	C. of William and Mary all campuses	490	0	0	0	57	278	0	0	155	0
187	Wake Forest U.	490	0	0	375	0	115	0	0	0	0
188	U. WI Green Bay	488	0	488	0	0	0	0	0	0	0
189	Ball State U.	482	0	0	409	0	0	0	73	0	0
190	MI Technological U.	473	0	132	0	0	85	0	0	0	256
191	CUNY Medgar Evers C.	466	6	223	0	0	237	0	0	0	0
192	FL A&M U.	465	0	0	0	0	271	0	0	0	194
193	U. TX Arlington	451	0	0	0	2	178	0	0	0	271
194	U. MA Lowell	450	0	289	0	0	5	0	0	0	156
195	OH U. all campuses	449	0	69	0	0	167	0	0	0	213
196	Marquette U.	426	0	0	413	0	8	0	0	0	5
197	WA State U.	423	0	4	0	0	118	0	0	0	301
198	Christopher Newport U.	415	0	0	187	0	228	0	0	0	0
199	U. MD Ctr. for Environmental Science	411	0	411	0	0	0	0	0	0	0
200	Worcester Polytechnic Institute	398	0	0	0	0	94	0	0	0	304
201	U. MA Dartmouth	389	0	378	0	0	11	0	0	0	0
202	U. New England	386	0	216	170	0	0	0	0	0	0
203	Clarkson U.	370	0	0	0	0	0	0	0	0	370
204	U.S. Naval Academy	350	0	0	0	0	0	0	0	0	350
205	Wright State U. all campuses	350	0	22	91	0	181	21	0	0	35
206	U. LA Lafayette	334	0	0	185	0	0	0	0	0	149
207	OR Health & Science U.	330	0	0	330	0	0	0	0	0	0
208	Western MI U.	329	0	8	1	0	304	0	0	0	16
209	Scripps Research Institute, The	316	0	0	316	0	0	0	0	0	0
210	Howard U.	304	0	0	40	0	188	0	0	75	1
211	Mt. Sinai School of Medicine	294	0	0	294	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
212	Wellesley C.	280	0	0	0	0	280	0	0	0	0
213	Western WA U.	278	0	0	278	0	0	0	0	0	0
214	Boston C.	259	0	146	102	0	11	0	0	0	0
215	FL International U.	259	7	101	0	0	5	0	0	0	146
216	Jackson State U.	258	0	33	16	13	53	0	0	0	143
217	East Carolina U.	257	0	91	0	0	129	0	0	0	37
218	SUNY C. Plattsburgh	249	0	0	0	0	249	0	0	0	0
219	Wesleyan U.	248	0	57	22	0	169	0	0	0	0
220	U. Hartford	245	0	0	0	0	0	0	0	0	245
221	Medical C. GA	235	0	0	235	0	0	0	0	0	0
222	IL Institute of Technology	234	0	0	0	0	56	0	0	0	178
223	NM Institute of Mining and Technology	233	0	0	0	0	165	0	0	68	0
224	SUNY Binghamton	231	0	0	0	0	0	69	0	0	162
225	Sinte Gleska U.	225	0	225	0	0	0	0	0	0	0
226	U. TX M. D. Anderson Cancer Ctr.	220	0	0	220	0	0	0	0	0	0
227	TX Christian U.	219	0	0	0	0	219	0	0	0	0
228	TN Technological U.	216	0	0	0	0	0	0	0	0	216
229	U. OR	205	2	40	42	0	22	99	0	0	0
230	U. of Medicine and Dentistry NJ	200	0	0	200	0	0	0	0	0	0
231	Northern AZ U.	181	0	0	0	0	155	0	0	0	26
232	Lehigh U.	170	0	156	0	0	0	0	0	0	14
233	GA State U.	168	0	0	0	0	168	0	0	0	0
234	U. MD Baltimore	168	0	0	168	0	0	0	0	0	0
235	U. PR Humacao	167	0	0	0	0	167	0	0	0	0
236	CA State U. Fullerton	159	0	0	0	0	0	0	0	0	159
237	Northern IL U.	158	0	0	0	0	44	0	114	0	0
238	CA State U. San Bernardino	157	0	0	0	0	2	0	0	0	155
239	ND State U. all campuses	142	0	0	0	0	0	0	0	0	142
240	U. Tulsa	142	8	0	0	0	121	0	0	0	13
241	NC Central U.	139	0	0	0	0	139	0	0	0	0
242	Mt. Holyoke C.	136	0	93	0	43	0	0	0	0	0
243	Alfred U. all campuses	135	0	0	0	0	0	0	0	0	135
244	U. NV, Las Vegas	134	0	0	0	0	134	0	0	0	0
245	CA State Polytechnic U. San Luis Obispo	130	0	0	0	0	0	0	0	0	130

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
246	Central State U.	130	0	80	0	0	0	0	0	0	50
247	U.S. Air Force Academy	130	0	0	0	0	0	0	0	0	130
248	TX A&M U. System Health Science Ctr.	128	0	0	0	0	0	0	0	0	128
249	Bowie State U.	124	0	0	124	0	0	0	0	0	0
250	Valparaiso U.	123	0	0	0	0	123	0	0	0	0
251	Xavier U. LA	120	0	0	53	0	16	0	0	0	51
252	Lincoln U. (Lincoln University, PA)	119	0	0	0	0	119	0	0	0	0
253	Medical C. WI	119	0	0	119	0	0	0	0	0	0
254	Evergreen State C.	118	0	0	118	0	0	0	0	0	0
255	U. NC Wilmington	118	0	118	0	0	0	0	0	0	0
256	Boise State U.	106	1	24	18	0	1	0	0	0	62
257	U. Puget Sound	102	0	0	0	0	0	0	0	102	0
258	Rowan U.	97	0	0	0	0	0	0	0	0	97
259	Emory U.	95	0	0	0	0	95	0	0	0	0
260	Central WA U.	93	0	93	0	0	0	0	0	0	0
261	CT C.	93	0	0	0	0	93	0	0	0	0
262	Drake U.	89	0	0	89	0	0	0	0	0	0
263	U. WI Milwaukee	89	25	0	0	32	29	0	3	0	0
264	Augsburg C.	85	0	0	0	0	79	0	0	0	6
265	U. San Diego	82	0	82	0	0	0	0	0	0	0
266	IN State U. all campuses	80	0	80	0	0	0	0	0	0	0
267	Naval Postgraduate School	79	0	41	0	0	37	0	0	0	1
268	U. MO-Kansas City	78	0	0	0	0	78	0	0	0	0
269	Hendrix C.	76	0	0	0	0	0	0	0	0	76
270	Smith C.	76	0	0	0	0	76	0	0	0	0
271	Harvey Mudd C.	74	0	0	0	0	0	0	0	0	74
272	U. MD Eastern Shore	73	0	0	0	0	0	0	0	0	73
273	Black Hills State U.	70	0	69	0	0	1	0	0	0	0
274	U. MA Worcester	70	0	0	70	0	0	0	0	0	0
275	Lincoln U. (Jefferson City, MO)	69	0	69	0	0	0	0	0	0	0
276	Swarthmore C.	69	0	0	0	0	69	0	0	0	0
277	U. MO-St. Louis	69	0	0	2	0	67	0	0	0	0
278	Roanoke C.	68	0	0	0	0	68	0	0	0	0
279	Georgetown U.	65	0	0	0	0	65	0	0	0	0
280	LA Tech U.	64	0	0	0	0	2	0	0	0	62
281	Appalachian State U.	62	0	0	0	0	62	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
282	Kent State U. all campuses	62	0	13	0	0	49	0	0	0	0
283	C. of the Holy Cross	61	0	0	0	0	61	0	0	0	0
284	U. Redlands	61	0	0	0	0	61	0	0	0	0
285	DePaul U.	58	44	0	0	14	0	0	0	0	0
286	MT State U. Billings	57	0	0	0	0	57	0	0	0	0
287	NM Highlands U.	51	0	0	0	0	51	0	0	0	0
288	U. Memphis, The	45	0	35	0	0	7	0	0	0	3
289	West Chester U. PA	45	0	0	0	0	45	0	0	0	0
290	IL State U.	43	0	0	0	0	43	0	0	0	0
291	Hofstra U.	42	0	0	0	0	3	0	0	0	39
292	Northern KY U.	42	0	0	4	0	38	0	0	0	0
293	GA Southern U.	40	0	29	0	0	11	0	0	0	0
294	U. CA, Merced	40	0	0	0	0	0	0	0	0	40
295	FL Gulf Coast U.	39	0	0	36	0	3	0	0	0	0
296	Murray State U.	39	0	1	0	0	38	0	0	0	0
297	AR State U. main campus	38	0	0	0	0	17	0	0	0	21
298	MN State U. Mankato	38	0	0	0	0	2	0	0	0	36
299	Eastern KY U.	37	0	0	0	0	37	0	0	0	0
300	Grand Valley State U.	37	0	37	0	0	0	0	0	0	0
301	SUNY C. Brockport	37	0	0	0	0	37	0	0	0	0
302	U. HI Hilo	37	0	0	0	0	37	0	0	0	0
303	Bryn Mawr C.	36	0	0	0	0	36	0	0	0	0
304	East TN State U.	35	0	0	0	0	35	0	0	0	0
305	Bowdoin C.	34	0	8	0	0	26	0	0	0	0
306	James Madison U.	32	32	0	0	0	0	0	0	0	0
307	U. TX-Pan American	32	0	0	32	0	0	0	0	0	0
308	U. WI Whitewater	32	0	0	0	0	30	0	2	0	0
309	U. West GA	30	0	30	0	0	0	0	0	0	0
310	Clark U.	28	0	28	0	0	0	0	0	0	0
311	Pittsburg State U.	28	0	0	0	0	0	0	0	0	28
312	Bucknell U.	25	0	0	0	0	0	0	0	25	0
313	Trinity C. (Hartford, CT)	23	0	0	0	0	0	0	0	0	23
314	Vassar C.	23	0	0	0	0	0	0	0	0	23
315	Youngstown State U.	23	0	0	0	0	18	0	0	0	5
316	CA State U. Long Beach	22	0	0	0	0	0	0	0	0	22
317	Grambling State U.	22	0	0	0	0	22	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
318	Polytechnic U.	22	0	0	0	0	0	0	0	0	22
319	Pomona C.	22	0	3	0	0	19	0	0	0	0
320	Teachers C. Columbia U.	22	0	0	22	0	0	0	0	0	0
321	Middle TN State U.	21	0	0	0	0	0	0	0	0	21
322	U. of St. Thomas (St. Paul, MN)	20	0	0	0	0	20	0	0	0	0
323	Northeastern OH Universities C. of Medicine	19	0	0	19	0	0	0	0	0	0
324	Temple U.	19	0	0	2	0	0	0	17	0	0
325	Augustana C. (Sioux Falls, SD)	18	18	0	0	0	0	0	0	0	0
326	Ithaca C.	18	0	0	0	0	18	0	0	0	0
327	Nova Southeastern U.	18	0	0	0	0	0	18	0	0	0
328	Spelman C.	18	18	0	0	0	0	0	0	0	0
329	Hope C.	17	0	0	0	0	0	0	0	0	17
330	Morehead State U.	17	0	0	0	0	17	0	0	0	0
331	Tougaloo C.	17	0	0	0	0	17	0	0	0	0
332	Colgate U.	14	0	0	9	0	5	0	0	0	0
333	Lafayette C.	14	0	0	0	0	14	0	0	0	0
334	Ft. Lewis C.	13	0	0	0	0	0	0	0	0	13
335	U. Southern ME	13	0	10	3	0	0	0	0	0	0
336	U. Northern CO	11	0	0	0	0	11	0	0	0	0
337	U. WI La Crosse	11	0	0	0	0	11	0	0	0	0
338	Whitman C.	11	0	0	0	0	11	0	0	0	0
339	OR Institute of Technology	10	0	0	0	0	0	0	0	0	10
340	U. North TX	10	0	0	0	0	0	0	0	0	10
341	AL State U.	9	0	0	0	0	0	0	9	0	0
342	Manhattan C.	9	0	0	0	0	9	0	0	0	0
343	Morehouse C.	9	0	0	0	0	9	0	0	0	0
344	Towson U.	9	0	0	0	0	9	0	0	0	0
345	U. WI Eau Claire	9	0	0	0	0	9	0	0	0	0
346	Duquesne U.	8	0	0	8	0	0	0	0	0	0
347	Southern OR U.	8	0	0	0	0	8	0	0	0	0
348	U. Detroit Mercy	7	0	0	0	0	0	0	0	0	7
349	Central MI U.	6	0	0	0	0	0	0	0	0	6
350	Coastal Carolina U.	6	0	4	0	0	2	0	0	0	0
351	MS Valley State U.	6	0	0	0	0	0	0	0	0	6
352	Denison U.	5	0	0	0	0	5	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
353	Milwaukee School of Engineering	5	0	0	0	0	0	0	0	0	5
354	West Liberty State C.	5	0	0	5	0	0	0	0	0	0
355	Franklin & Marshall C.	4	0	0	0	0	4	0	0	0	0
356	Furman U.	4	2	2	0	0	0	0	0	0	0
357	Oakland U.	4	0	0	4	0	0	0	0	0	0
358	U. Central OK	4	0	0	0	0	0	0	0	0	4
359	U. North FL	3	0	0	3	0	0	0	0	0	0
360	U. TX San Antonio	3	0	0	0	0	0	0	0	0	3
361	U. WI Oshkosh	3	0	0	3	0	0	0	0	0	0
362	Gettysburg C.	2	0	0	0	0	2	0	0	0	0
363	Saginaw Valley State U.	1	0	0	0	1	0	0	0	0	0
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0	0	0	0	0
	Air Force Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0
	Albany Medical C.	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	0	0	0	0	0	0	0	0	0
	Alcorn State U.	0	0	0	0	0	0	0	0	0	0
	Allegheny C.	0	0	0	0	0	0	0	0	0	0
	Amherst C.	0	0	0	0	0	0	0	0	0	0
	Andrews U.	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0	0	0	0	0
	Barnard C.	0	0	0	0	0	0	0	0	0	0
	Bates C.	0	0	0	0	0	0	0	0	0	0
	Baylor U.	0	0	0	0	0	0	0	0	0	0
	Benedict C.	0	0	0	0	0	0	0	0	0	0
	Berry C.	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0
	Bradley U.	0	0	0	0	0	0	0	0	0	0
	Bridgewater State C.	0	0	0	0	0	0	0	0	0	0
	CA State U. Bakersfield	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
	CA State U. East Bay	0	0	0	0	0	0	0	0	0	0
	CA State U. Fresno	0	0	0	0	0	0	0	0	0	0
	CA State U. Northridge	0	0	0	0	0	0	0	0	0	0
	Calvin C.	0	0	0	0	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Canisius C.	0	0	0	0	0	0	0	0	0	0
	Carleton C.	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	0	0	0	0	0	0	0	0	0	0
	Central CT State U.	0	0	0	0	0	0	0	0	0	0
	Chapman U.	0	0	0	0	0	0	0	0	0	0
	Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	0	0	0	0	0	0	0	0	0	0
	Chicago State U.	0	0	0	0	0	0	0	0	0	0
	Clafin U.	0	0	0	0	0	0	0	0	0	0
	Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0
	Colby C.	0	0	0	0	0	0	0	0	0	0
	C. NJ, The	0	0	0	0	0	0	0	0	0	0
	CO State U. Pueblo	0	0	0	0	0	0	0	0	0	0
	CUNY Baruch C.	0	0	0	0	0	0	0	0	0	0
	CUNY Brooklyn C.	0	0	0	0	0	0	0	0	0	0
	CUNY C. Staten Island	0	0	0	0	0	0	0	0	0	0
	CUNY Graduate Ctr.	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
	CUNY Hunter C.	0	0	0	0	0	0	0	0	0	0
	CUNY John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0
	CUNY Queens C.	0	0	0	0	0	0	0	0	0	0
	CUNY York C.	0	0	0	0	0	0	0	0	0	0
	Davidson C.	0	0	0	0	0	0	0	0	0	0
	DE State U.	0	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	0	0	0	0	0	0	0	0	0
	Dickinson C.	0	0	0	0	0	0	0	0	0	0
	Eastern MI U.	0	0	0	0	0	0	0	0	0	0
	Eastern OR U.	0	0	0	0	0	0	0	0	0	0
	Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0
	Eastern WA U.	0	0	0	0	0	0	0	0	0	0
	Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0
	Fairfield U.	0	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	0	0	0	0	0	0	0	0	0	0
	Fitchburg State C.	0	0	0	0	0	0	0	0	0	0
	Fordham U.	0	0	0	0	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0
	Fuller Theological Seminary CA	0	0	0	0	0	0	0	0	0	0
	Gallaudet U.	0	0	0	0	0	0	0	0	0	0
	Governors State U.	0	0	0	0	0	0	0	0	0	0
	Grinnell C.	0	0	0	0	0	0	0	0	0	0
	Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0
	Hamilton C. (Clinton, NY)	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	0	0	0	0	0	0	0	0	0	0
	Heritage U. (Toppenish, WA)	0	0	0	0	0	0	0	0	0	0
	Humboldt State U.	0	0	0	0	0	0	0	0	0	0
	IL Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	Indiana U. PA all campuses	0	0	0	0	0	0	0	0	0	0
	Jacksonville State U.	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	Jarvis Christian C.	0	0	0	0	0	0	0	0	0	0
	John Carroll U.	0	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0
	Juniata C.	0	0	0	0	0	0	0	0	0	0
	Kalamazoo C.	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
	KS State U.	0	0	0	0	0	0	0	0	0	0
	Kennesaw State U.	0	0	0	0	0	0	0	0	0	0
	KY State U.	0	0	0	0	0	0	0	0	0	0
	Kettering U.	0	0	0	0	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	0	0	0	0	0	0	0	0	0	0
	La Salle U.	0	0	0	0	0	0	0	0	0	0
	Lake Forest C.	0	0	0	0	0	0	0	0	0	0
	Lamar U.	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0
	Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0
	Lawrence U.	0	0	0	0	0	0	0	0	0	0
	Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0
	Long Island U. all campuses	0	0	0	0	0	0	0	0	0	0
	Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0
	Loyola U. Chicago	0	0	0	0	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Loyola U. New Orleans	0	0	0	0	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0	0	0	0	0
	Maharishi U. of Management	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	0	0	0	0	0	0	0	0	0	0
	McNeese State U.	0	0	0	0	0	0	0	0	0	0
	Medical U. OH	0	0	0	0	0	0	0	0	0	0
	Medical U. SC	0	0	0	0	0	0	0	0	0	0
	Meharry Medical C.	0	0	0	0	0	0	0	0	0	0
	Mercer U. all campuses	0	0	0	0	0	0	0	0	0	0
	Mercy C.	0	0	0	0	0	0	0	0	0	0
	Mercyhurst C.	0	0	0	0	0	0	0	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	0	0	0	0	0	0	0	0	0	0
	Monmouth U.	0	0	0	0	0	0	0	0	0	0
	MT Tech of the U. MT	0	0	0	0	0	0	0	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	0	0	0	0	0	0	0	0	0	0
	Muhlenberg C.	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	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
	New School, The	0	0	0	0	0	0	0	0	0	0
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0
	NY Medical C.	0	0	0	0	0	0	0	0	0	0
	Nicholls State U.	0	0	0	0	0	0	0	0	0	0
	Northeastern IL U.	0	0	0	0	0	0	0	0	0	0
	Northeastern State U.	0	0	0	0	0	0	0	0	0	0
	Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	Oberlin C.	0	0	0	0	0	0	0	0	0	0
	Occidental C.	0	0	0	0	0	0	0	0	0	0
	OH Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	Pace U. all campuses	0	0	0	0	0	0	0	0	0	0
	Pacific U.	0	0	0	0	0	0	0	0	0	0
	PA C. of Optometry	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

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Philadelphia U.	0	0	0	0	0	0	0	0	0	0
	Pitzer C.	0	0	0	0	0	0	0	0	0	0
	Point Loma Nazarene C.	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0
	Providence C.	0	0	0	0	0	0	0	0	0	0
	Radford U.	0	0	0	0	0	0	0	0	0	0
	Reed C.	0	0	0	0	0	0	0	0	0	0
	Rhodes C.	0	0	0	0	0	0	0	0	0	0
	Rider U.	0	0	0	0	0	0	0	0	0	0
	Rockefeller U.	0	0	0	0	0	0	0	0	0	0
	Roger Williams U. Bristol	0	0	0	0	0	0	0	0	0	0
	Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Rush U.	0	0	0	0	0	0	0	0	0	0
	Sam Houston State U.	0	0	0	0	0	0	0	0	0	0
	Sarah Lawrence C.	0	0	0	0	0	0	0	0	0	0
	Savannah State U.	0	0	0	0	0	0	0	0	0	0
	Seton Hall U.	0	0	0	0	0	0	0	0	0	0
	Shaw U.	0	0	0	0	0	0	0	0	0	0
	Simmons C.	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0
	Southeast MO State U.	0	0	0	0	0	0	0	0	0	0
	Southeastern LA U.	0	0	0	0	0	0	0	0	0	0
	Southeastern OK State U.	0	0	0	0	0	0	0	0	0	0
	Southern IL U. Edwardsville	0	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0
	Southwest MO State U.	0	0	0	0	0	0	0	0	0	0
	St. Cloud State U.	0	0	0	0	0	0	0	0	0	0
	St. Francis U. (Loretto, PA)	0	0	0	0	0	0	0	0	0	0
	St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0
	St. Joseph's U.	0	0	0	0	0	0	0	0	0	0
	St. Louis U. all campuses	0	0	0	0	0	0	0	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	0	0	0	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	St. Olaf C.	0	0	0	0	0	0	0	0	0	0
	Stephen F. Austin State U.	0	0	0	0	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
	SUNY C. Buffalo	0	0	0	0	0	0	0	0	0	0
	SUNY C. Cortland	0	0	0	0	0	0	0	0	0	0
	SUNY C. Geneseo	0	0	0	0	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0
	SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0
	SUNY C. Oswego	0	0	0	0	0	0	0	0	0	0
	SUNY Fredonia	0	0	0	0	0	0	0	0	0	0
	SUNY Health Science Ctr. Brooklyn	0	0	0	0	0	0	0	0	0	0
	SUNY Upstate Medical U.	0	0	0	0	0	0	0	0	0	0
	Tarleton State U.	0	0	0	0	0	0	0	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0	0	0	0	0
	TX A&M U. Kingsville	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
	TX Tech U. Health Science Ctr.	0	0	0	0	0	0	0	0	0	0
	TX Woman's U.	0	0	0	0	0	0	0	0	0	0
	Trinity U.	0	0	0	0	0	0	0	0	0	0
	Troy U. main campus	0	0	0	0	0	0	0	0	0	0
	Truman State U.	0	0	0	0	0	0	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
	Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0
	Universidad del Este	0	0	0	0	0	0	0	0	0	0
	Universidad del Turabo	0	0	0	0	0	0	0	0	0	0
	Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0
	U. AK Anchorage all campuses	0	0	0	0	0	0	0	0	0	0
	U. AK Southeast all campuses	0	0	0	0	0	0	0	0	0	0
	U. AR for Medical Sciences	0	0	0	0	0	0	0	0	0	0
	U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0
	U. Baltimore	0	0	0	0	0	0	0	0	0	0
	U. CA Office of the President	0	0	0	0	0	0	0	0	0	0
	U. GU	0	0	0	0	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	U. Houston-Clear Lake	0	0	0	0	0	0	0	0	0	0
	U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0
	U. IL Springfield	0	0	0	0	0	0	0	0	0	0
	U. LA Monroe	0	0	0	0	0	0	0	0	0	0
	U. MD Biotechnology Institute	0	0	0	0	0	0	0	0	0	0
	U. MA Boston	0	0	0	0	0	0	0	0	0	0
	U. NC Chapel Hill	0	0	0	0	0	0	0	0	0	0
	U. NC Charlotte	0	0	0	0	0	0	0	0	0	0
	U. NC Greensboro	0	0	0	0	0	0	0	0	0	0
	U. NC Pembroke	0	0	0	0	0	0	0	0	0	0
	U. North TX Health Science Ctr. Ft. Worth	0	0	0	0	0	0	0	0	0	0
	U. Northern IA	0	0	0	0	0	0	0	0	0	0
	U. Portland	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
	U. Richmond	0	0	0	0	0	0	0	0	0	0
	U. San Francisco	0	0	0	0	0	0	0	0	0	0
	U. Scranton	0	0	0	0	0	0	0	0	0	0
	U. South AL	0	0	0	0	0	0	0	0	0	0
	U. SD	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0
	U. TX Tyler	0	0	0	0	0	0	0	0	0	0
	U. DC	0	0	0	0	0	0	0	0	0	0
	U. of the Pacific	0	0	0	0	0	0	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0
	U. of the South	0	0	0	0	0	0	0	0	0	0
	U. of the VI	0	0	0	0	0	0	0	0	0	0
	U. West FL	0	0	0	0	0	0	0	0	0	0
	U. WI Parkside	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	0	0	0	0	0	0	0	0	0	0
	U. WI River Falls	0	0	0	0	0	0	0	0	0	0
	U. WI Stevens Point	0	0	0	0	0	0	0	0	0	0
	U. WI Stout	0	0	0	0	0	0	0	0	0	0
	U. WI Superior	0	0	0	0	0	0	0	0	0	0
	Ursinus C.	0	0	0	0	0	0	0	0	0	0

TABLE 79. Federally financed R&D expenditures at universities and colleges, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	NASA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	VA Military Institute	0	0	0	0	0	0	0	0	0	0
	VA State U.	0	0	0	0	0	0	0	0	0	0
	Wabash C.	0	0	0	0	0	0	0	0	0	0
	Washington and Lee U.	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
	WV School of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0
	WV State U.	0	0	0	0	0	0	0	0	0	0
	Western Carolina U.	0	0	0	0	0	0	0	0	0	0
	Western IL U.	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
	Wilkes U.	0	0	0	0	0	0	0	0	0	0
	Willamette U.	0	0	0	0	0	0	0	0	0	0
	Williams C.	0	0	0	0	0	0	0	0	0	0
	Yeshiva U.	0	0	0	0	0	0	0	0	0	0

NASA = National Aeronautics and Space Administration.

nec = not elsewhere classified.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Institutions not listed in this table did not provide federally financed R&D expenditures by federal agency; institutions that reported amounts of zero or more are included. Detail may not add to all-institution total because some respondents reporting federal agency data did not break out these data by field of science. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	3,567,011	426,690	565,827	587,252	182,839	805,045	49,498	100,181	78,736	770,943
1	U. WI Madison	114,418	7,334	55,655	15,167	2,824	17,453	482	2,049	0	13,454
2	Cornell U. all campuses	109,308	9,425	2,304	22,024	2,619	40,979	1,092	2,406	0	28,459
3	U. CA, San Diego	104,682	38,751	34,789	3,486	2,360	9,302	1,047	810	0	14,137
4	U. IL Urbana-Champaign	96,451	39,590	3,533	6,871	2,373	12,593	1,761	500	502	28,728
5	U. WA	73,543	756	26,927	8,627	4,034	9,220	291	2,279	0	21,409
6	U. CA, Berkeley	73,194	534	2,319	12,794	5,118	17,860	146	1,957	4,401	28,065
7	MA Institute of Technology	72,626	15,723	11,767	2,656	3,108	12,792	355	2,242	4,480	19,503
8	CA Institute of Technology	72,587	2,460	4,726	933	1,426	48,894	0	479	5,019	8,650
9	Carnegie Mellon U.	69,311	46,400	841	508	1,246	2,895	476	2,820	96	14,029
10	Columbia U. in the City of NY	62,005	5,245	20,824	2,012	1,296	20,335	130	1,994	1,647	8,522
11	TX A&M U. all campuses	56,889	2,550	31,505	4,095	4,365	4,890	268	510	931	7,775
12	Woods Hole Oceanographic Institution	56,723	0	50,225	0	0	0	0	0	0	6,498
13	U. MI all campuses	55,113	3,114	3,163	4,944	3,039	8,225	1,125	5,512	21	25,970
14	Stanford U.	54,343	8,895	7,753	3,509	3,425	7,949	620	3,773	0	18,419
15	U. CA, Los Angeles	50,845	10,505	4,452	4,087	3,504	16,964	1,018	1,859	2,534	5,922
16	GA Institute of Technology all campuses	48,780	8,871	3,196	2,559	2,230	6,501	230	1,319	1,561	22,313
17	MI State U.	47,302	1,184	212	10,560	3,180	25,564	785	1,327	26	4,464
18	U. MN all campuses	47,043	4,068	3,713	13,744	5,189	4,359	152	2,860	0	12,958
19	PA State U. all campuses	46,533	1,719	8,703	8,009	3,180	9,936	710	1,338	51	12,887
20	U. Chicago	44,001	12,494	2,573	3,109	1,725	22,416	812	872	0	0
21	U. AZ	42,884	2,275	3,458	12,851	2,852	9,916	372	2,213	0	8,947
22	FL State U.	42,257	2,505	3,907	3,756	441	23,128	339	871	0	7,310
23	OH State U. all campuses	40,960	3,115	3,822	8,050	5,253	7,309	582	2,731	1,358	8,740
24	U. CO all campuses	40,919	4,041	10,482	5,332	1,017	12,070	239	1,918	48	5,772
25	U. CA, Davis	40,660	3,734	2,561	21,710	2,206	4,789	298	521	0	4,841
26	U. MD College Park	39,749	9,819	2,094	2,852	2,346	14,060	144	962	0	7,472
27	U. CA, Santa Barbara	39,628	4,439	8,980	1,225	800	10,284	671	1,331	69	11,829
28	U. Southern CA	39,430	14,231	7,845	3,595	1,285	2,237	1,308	200	0	8,729
29	U. TX Austin	39,239	4,692	4,757	6,382	4,747	5,851	771	1,311	638	10,090
30	Purdue U. all campuses	39,174	3,410	1,556	10,164	2,655	5,290	0	128	911	15,060
31	U. FL	38,131	1,835	3,191	7,943	637	13,163	192	713	0	10,457
32	Princeton U.	35,504	5,414	5,112	2,338	2,627	7,669	524	949	0	10,871
33	Harvard U.	34,241	534	4,131	4,549	1,844	11,550	1,874	1,326	0	8,433

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
34	Rutgers, The State U. NJ all campuses	31,692	3,254	4,698	3,281	0	13,731	759	225	0	5,744
35	AZ State U. main campus	30,779	2,212	1,990	5,282	3,316	6,667	456	3,884	171	6,801
36	OR State U.	30,151	1,545	15,623	6,322	1,495	873	0	17	2,190	2,086
37	NC State U.	29,224	2,910	1,787	5,374	3,551	4,383	0	783	1,389	9,047
38	Boston U.	28,515	1,389	1,730	2,156	1,030	11,063	417	643	4,726	5,361
39	Northwestern U.	28,399	439	154	1,067	915	3,840	479	1,340	2,981	17,184
40	U. MA Amherst	27,769	6,364	1,120	1,993	1,798	9,434	455	222	0	6,383
41	U. CA, Irvine	26,368	4,775	1,766	3,515	1,015	7,283	280	1,825	0	5,909
42	U. HI Manoa	26,341	280	17,957	2,777	0	2,305	0	302	2,049	671
43	U. PA	26,014	3,165	113	2,592	1,829	7,919	154	2,121	229	7,892
44	VA Polytechnic Institute and State U.	25,556	1,582	1,629	6,565	471	3,326	2	536	51	11,394
45	Duke U.	25,063	2,012	1,713	10,187	4,240	2,060	0	888	0	3,963
46	Johns Hopkins U., The ^a	25,008	2,072	1,123	3,018	756	7,605	284	386	10	9,754
47	IN U. all campuses	24,110	4,953	666	7,643	2,223	6,261	240	2,002	0	122
48	CO State U.	24,033	556	7,450	3,813	1,615	2,735	59	518	0	7,287
49	IA State U.	23,841	2,362	1,777	9,511	1,454	1,774	145	217	128	6,473
50	U. KS all campuses	21,902	296	2,765	6,746	790	5,791	139	452	871	4,052
51	Yale U.	21,778	2,684	2,768	7,246	863	3,672	456	652	0	3,437
52	Rice U.	21,566	5,619	1,452	5,072	2,019	2,565	168	332	0	4,339
53	U. NE all campuses	21,492	1,899	1,729	6,842	1,040	4,560	431	299	2,861	1,831
54	SUNY Stony Brook all campuses	21,207	2,153	7,341	1,161	1,237	5,928	599	651	11	2,126
55	U. AK Fairbanks all campuses	20,906	468	10,596	7,033	0	0	0	181	886	1,742
56	U. UT	19,935	4,202	1,464	3,783	1,247	5,688	74	187	0	3,290
57	Washington U. St. Louis	19,803	2,603	1,230	9,389	515	3,435	392	554	0	1,685
58	NY U.	19,729	3,087	0	3,019	3,713	6,918	498	1,992	502	0
59	Rensselaer Polytechnic Institute	19,155	1,669	944	330	1,276	2,444	120	193	0	12,179
60	U. NM all campuses	18,912	1,455	1,170	7,885	753	2,975	13	671	2,107	1,883
61	Brown U.	18,328	3,464	1,439	4,322	2,582	2,022	221	403	0	3,875
62	U. NC Chapel Hill	18,242	2,099	2,387	4,155	758	7,620	732	491	0	0
63	U. GA	17,936	406	2,121	11,091	1,086	2,622	444	166	0	0
64	U. KY all campuses	17,453	1,451	150	4,014	5,007	1,786	245	355	1,780	2,665
65	U. of Notre Dame	17,033	1,449	0	1,949	1,300	9,063	155	143	0	2,974
66	U. VA all campuses	16,980	3,759	1,995	1,700	492	3,227	692	301	0	4,814
67	U. DE	16,491	429	4,328	2,255	660	2,812	63	317	1,346	4,281
68	U. Pittsburgh all campuses	15,381	1,489	429	1,389	1,123	4,203	31	714	2,363	3,640

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
69	U. Miami	15,202	76	12,555	555	431	761	33	99	0	692
70	Northeastern U.	14,879	865	105	705	223	3,912	91	5	0	8,973
71	U. CA, Riverside	13,851	1,278	1,894	5,780	259	2,609	106	209	0	1,716
72	U. MO-Columbia	13,850	335	636	8,219	1,190	1,295	8	112	0	2,055
73	U. IL Chicago	13,793	4,171	411	3,392	1,390	924	733	412	0	2,360
74	U. TN all campuses	13,662	1,983	155	4,925	588	2,599	25	68	230	3,089
75	SUNY Buffalo all campuses	13,454	1,849	659	2,059	397	2,211	90	658	0	5,531
76	U. CA, Santa Cruz	13,345	810	3,652	729	380	6,174	0	401	0	1,199
77	LA State U. all campuses	13,285	839	1,239	2,828	763	5,340	255	387	118	1,516
78	U. SC all campuses	13,092	624	3,101	2,042	414	3,504	233	844	165	2,165
79	U. CT all campuses	12,754	1,100	1,463	3,519	311	2,385	724	578	0	2,674
80	U. OK all campuses	12,368	499	3,997	2,381	221	2,605	49	266	0	2,350
81	Vanderbilt U.	11,709	0	285	1,390	848	1,759	430	357	0	6,640
82	U. IA	11,138	384	458	3,419	1,273	2,386	334	159	0	2,725
83	U. Rochester	11,082	1,235	773	2,446	202	3,958	337	337	0	1,794
84	Clemson U.	10,894	163	0	1,285	520	2,101	98	164	0	6,563
85	U. RI	10,661	496	7,148	632	14	225	0	0	1,444	702
86	U. NH	10,333	51	5,151	2,332	0	827	0	42	762	1,168
87	U. ME	9,986	12	4,751	1,318	0	462	0	150	1,934	1,359
88	Dartmouth C.	9,981	737	140	2,621	591	1,625	2,702	78	265	1,222
89	MT State U. Bozeman	9,981	51	684	4,152	548	2,057	0	121	1,174	1,194
90	U. OR	9,648	1,357	1,037	2,061	685	3,726	109	661	0	12
91	U. PR Rio Piedras Campus	9,636	0	947	1,134	227	7,287	0	41	0	0
92	U. South FL	9,587	0	3,219	708	48	1,273	50	660	39	3,590
93	Drexel U.	8,829	1,743	0	332	249	751	0	0	0	5,754
94	FL International U.	8,744	2,674	331	839	112	2,901	106	0	0	1,781
95	U. NV, Reno	8,657	56	1,279	3,445	196	1,932	0	111	17	1,621
96	Syracuse U. all campuses	8,486	1,545	1,435	975	706	2,370	0	334	20	1,101
97	Case Western Reserve U.	8,341	0	126	714	257	3,235	0	273	669	3,067
98	C. of William and Mary all campuses	8,324	709	4,342	554	394	1,864	0	238	223	0
99	WA State U.	7,803	0	344	3,407	142	1,188	50	186	0	2,486
100	U. MD Baltimore County	7,747	695	337	1,909	479	183	0	882	162	3,100
101	NJ Institute of Technology	7,717	900	0	0	1,043	2,818	0	0	609	2,347
102	U. WY	7,688	77	3,594	1,782	99	1,082	30	131	449	444
103	U. MT-Missoula, The	7,673	82	130	5,494	715	1,221	0	31	0	0
104	U. VT	7,521	0	233	1,300	110	535	0	0	4,946	397

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
105	UT State U.	7,220	63	3,395	1,072	456	745	358	65	0	1,066
106	Lehigh U.	7,216	435	529	58	110	737	69	9	0	5,269
107	OK State U. all campuses	6,999	0	90	2,449	119	1,015	168	43	1,814	1,301
108	U. AL, The	6,554	73	176	1,100	52	564	0	2	8	4,579
109	Portland State U.	6,513	2,257	814	1,073	280	666	0	103	0	1,320
110	GA State U.	6,337	254	57	830	41	818	4,106	231	0	0
111	U. AR main campus	6,308	0	319	1,117	151	2,746	37	41	0	1,897
112	U. Houston	6,149	1,083	382	320	922	1,279	27	49	0	2,087
113	NM State U. all campuses	5,958	964	646	1,632	95	880	83	290	0	1,368
114	U. TX Dallas	5,934	777	54	847	15	1,971	938	220	0	1,112
115	Emory U.	5,911	0	0	2,456	388	2,409	268	390	0	0
116	SUNY Albany	5,561	649	1,668	1,383	61	252	179	1,182	0	187
117	U. ID	5,467	15	773	1,779	94	929	0	176	1,264	437
118	Wayne State U.	5,444	666	0	535	407	2,457	78	450	0	851
119	Tufts U.	5,442	655	0	437	401	776	537	0	0	2,636
120	San Diego State U.	5,424	202	605	2,595	365	1,310	0	117	48	182
121	Polytechnic U.	5,361	678	0	0	325	1,900	0	0	0	2,458
122	U. Central FL	5,301	0	0	182	228	2,080	0	13	79	2,719
123	U. TX El Paso	5,283	672	749	681	0	1,894	53	0	0	1,234
124	MS State U.	5,278	856	134	1,706	192	646	7	14	717	1,006
125	MI Technological U.	5,247	256	813	7	90	669	0	144	0	3,268
126	Auburn U. all campuses	5,098	0	118	1,623	173	583	90	70	0	2,441
127	Old Dominion U.	5,001	571	1,701	684	68	769	277	44	0	887
128	U. Southern MS	4,971	48	828	300	0	3,515	39	36	205	0
129	Brandeis U.	4,928	396	0	1,681	356	2,082	240	173	0	0
130	ND State U. all campuses	4,730	215	48	1,574	149	1,053	109	46	1,059	477
131	U. Cincinnati all campuses	4,717	0	131	526	49	1,312	105	162	0	2,432
132	Jackson State U.	4,708	256	89	2,019	136	2,166	0	0	40	2
133	Brigham Young U. all campuses	4,654	598	193	1,430	79	864	0	268	0	1,222
134	CO School of Mines	4,578	0	143	0	166	767	0	0	489	3,013
135	OH U. all campuses	4,565	0	0	2,992	0	458	1,090	0	0	25
136	U. Akron all campuses	4,530	0	140	644	204	2,219	0	0	0	1,323
137	WV U.	4,461	14	98	865	265	1,206	0	9	44	1,960
138	U. MO-Rolla	4,440	122	18	224	0	521	0	0	0	3,555
139	George Mason U.	4,435	1,150	1,050	463	736	162	109	252	0	513
140	U. AL Birmingham, The	4,425	232	0	1,626	245	1,448	72	145	0	657

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
141	U. WI Milwaukee	4,325	208	608	217	542	2,291	0	214	0	245
142	TX Tech U.	4,323	3	362	681	310	1,130	0	49	0	1,788
143	CUNY The City C.	4,232	0	0	172	257	2,601	15	0	0	1,187
144	San Jose State U.	4,071	39	3,035	145	241	285	0	0	0	326
145	Tulane U.	4,046	0	220	1,342	851	681	36	23	0	893
146	Northern AZ U.	3,969	19	425	3,117	23	173	0	99	3	110
147	U. NC Charlotte	3,903	1,274	148	136	241	426	0	231	0	1,447
148	U. MA Boston	3,843	316	265	754	82	25	3	0	2,398	0
149	Desert Research Institute	3,752	0	3,338	414	0	0	0	0	0	0
150	San Francisco State U.	3,746	225	1,221	632	1,068	525	61	14	0	0
151	Georgetown U.	3,281	11	0	661	143	2,158	168	140	0	0
152	CA State U. Los Angeles	3,274	0	968	830	122	1,192	0	0	0	162
153	U. Louisville	3,269	274	160	517	3	763	0	147	12	1,393
154	Howard U.	3,247	0	0	207	47	195	27	38	1,466	1,267
155	U. TX Arlington	3,235	0	182	340	145	965	6	50	0	1,547
156	Clarkson U.	3,121	0	0	31	120	473	0	0	0	2,497
157	Stevens Institute of Technology	3,115	846	101	94	113	0	0	0	0	1,961
158	OR Health & Science U.	3,090	2,570	0	520	0	0	0	0	0	0
159	Temple U.	3,090	254	58	233	42	1,375	248	327	0	553
160	U. PR Mayaguez Campus	2,994	0	116	91	57	524	0	0	16	2,190
161	Hampton U.	2,958	0	17	0	57	2,252	0	0	587	45
162	FL A&M U.	2,936	175	161	1,666	8	272	0	0	0	654
163	TX A&M U. Corpus Christi	2,926	270	60	13	1,268	1,242	0	0	71	2
164	Worcester Polytechnic Institute	2,915	620	0	299	519	376	0	0	0	1,101
165	IL Institute of Technology	2,884	807	0	9	298	708	0	0	0	1,062
166	CUNY Hunter C.	2,857	264	20	247	15	1,451	718	142	0	0
167	George Washington U.	2,844	542	0	606	112	678	23	529	0	354
168	U. MA Lowell	2,797	343	166	322	77	18	0	17	0	1,854
169	VA Commonwealth U.	2,779	0	0	665	838	684	0	50	0	542
170	Western MI U.	2,778	119	328	153	1,368	261	11	77	0	461
171	U. Memphis, The	2,766	635	394	193	207	245	965	0	0	127
172	U. AL Huntsville, The	2,675	476	948	68	82	513	0	9	0	579
173	Boston C.	2,619	0	183	45	113	2,019	259	0	0	0
174	CA State U. Northridge	2,589	0	662	37	1,000	710	58	0	0	122
175	U. MO-St. Louis	2,576	0	0	1,837	44	596	0	99	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
176	Baylor C. of Medicine	2,510	0	0	2,510	0	0	0	0	0	0
177	U. MA Dartmouth	2,453	51	362	36	966	420	88	0	0	530
178	Kent State U. all campuses	2,447	181	191	199	60	1,650	0	166	0	0
179	LA Tech U.	2,425	39	0	629	90	172	0	0	0	1,495
180	Southern IL U. Carbondale	2,408	0	529	1,375	91	0	0	129	119	165
181	U. HI Hilo	2,395	92	1,380	451	0	0	0	0	472	0
182	CA State U. Fullerton	2,358	0	539	404	0	0	40	1,375	0	0
183	U. Tulsa	2,315	1,737	95	254	0	99	0	25	0	105
184	FL Atlantic U.	2,303	444	63	242	561	757	0	0	0	236
185	U. MD Biotechnology Institute	2,280	0	1,440	840	0	0	0	0	0	0
186	NM Institute of Mining and Technology	2,241	499	0	0	0	1,563	0	0	0	179
187	Clark Atlanta U.	2,218	254	0	653	0	956	0	0	0	355
188	U. North TX	2,157	246	112	448	88	702	48	136	0	377
189	U. MS all campuses	2,147	7	0	1,109	10	567	0	116	0	338
190	U. ND all campuses	2,120	0	168	666	3	747	25	0	123	388
191	NC Agricultural and Technical State U.	2,101	117	0	0	0	295	0	2	0	1,687
192	Scripps Research Institute, The	2,072	0	0	2,072	0	0	0	0	0	0
193	FL Institute of Technology	2,061	113	0	663	13	1,079	0	0	0	193
194	SD School of Mines and Technology	1,966	0	745	0	0	10	0	0	117	1,094
195	U. NV, Las Vegas	1,885	0	84	964	76	389	0	72	0	300
196	U. MD Ctr. for Environmental Science	1,870	0	1,870	0	0	0	0	0	0	0
197	U. MD Baltimore	1,862	0	0	1,862	0	0	0	0	0	0
198	Naval Postgraduate School	1,834	401	968	0	0	276	0	0	0	189
199	Bowie State U.	1,827	1,827	0	0	0	0	0	0	0	0
200	East Carolina U.	1,721	0	243	682	38	604	0	151	3	0
201	Smith C.	1,700	313	52	662	5	269	126	0	20	253
202	Western WA U.	1,672	0	448	330	41	853	0	0	0	0
203	U. of the VI	1,666	0	0	1,578	0	0	0	88	0	0
204	U. PR Humacao	1,661	0	0	569	0	1,092	0	0	0	0
205	Marquette U.	1,649	53	0	237	276	499	0	0	0	584
206	SUNY Binghamton	1,645	244	327	279	166	380	0	249	0	0
207	Northern IL U.	1,609	200	222	257	153	531	57	84	0	105
208	Norfolk State U.	1,601	342	0	196	21	980	0	0	0	62
209	TN State U.	1,595	23	0	0	229	658	0	0	0	685
210	ID State U.	1,579	0	183	897	20	79	0	136	264	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
211	U. MO-Kansas City	1,575	102	0	770	57	181	0	27	0	438
212	AL A&M U.	1,569	0	0	1,086	3	362	0	0	0	118
213	Boise State U.	1,526	33	928	61	66	152	0	4	0	282
214	Mt. Holyoke C.	1,519	75	316	232	181	646	59	10	0	0
215	Wake Forest U.	1,503	36	0	496	0	854	60	57	0	0
216	SD State U.	1,501	0	22	939	0	135	0	0	0	405
217	Oakland U.	1,480	446	0	406	22	434	9	0	0	163
218	Wichita State U.	1,471	59	0	153	176	611	0	0	0	472
219	U. SD	1,464	38	20	660	0	665	0	81	0	0
220	Rowan U.	1,431	0	0	76	533	98	0	0	0	724
221	U. Toledo	1,429	0	373	126	0	547	49	0	0	334
222	U. CA, San Francisco	1,428	0	0	1,144	0	284	0	0	0	0
223	Rochester Institute of Technology	1,423	48	0	0	47	539	68	0	0	721
224	U. CA, Merced	1,381	0	264	260	21	184	0	0	0	652
225	IL State U.	1,379	0	14	912	41	412	0	0	0	0
226	Clark U.	1,363	0	340	658	0	116	9	240	0	0
227	CUNY Graduate Ctr.	1,349	41	0	0	0	0	0	1,080	228	0
228	Amherst C.	1,342	0	144	536	72	530	60	0	0	0
229	TX A&M U. Kingsville	1,341	0	69	20	0	0	0	0	0	1,252
230	Southern Methodist U.	1,289	22	106	206	247	140	0	87	0	481
231	U. AK Anchorage all campuses	1,262	0	188	491	0	9	0	377	197	0
232	Hope C.	1,251	201	80	282	35	630	0	0	0	23
233	Wright State U. all campuses	1,243	273	49	526	48	210	52	2	0	83
234	Carleton C.	1,220	0	697	173	140	180	30	0	0	0
235	Bowling Green State U. all campuses	1,217	0	34	469	0	614	100	0	0	0
236	Jacksonville State U.	1,197	0	0	1,197	0	0	0	0	0	0
237	U. Denver	1,185	56	0	124	0	469	1	58	0	477
238	U.S. Air Force Academy	1,169	0	0	0	0	695	0	9	448	17
239	U. Northern CO	1,152	0	173	157	0	513	0	0	309	0
240	Wesleyan U.	1,142	0	7	224	67	607	124	113	0	0
241	U. NC Wilmington	1,093	120	336	149	0	488	0	0	0	0
242	DE State U.	1,087	0	0	218	0	869	0	0	0	0
243	Morgan State U.	1,070	36	0	117	16	231	0	316	0	354
244	Colgate U.	1,069	0	411	286	0	305	12	55	0	0
245	Catholic U. America, The	1,029	0	0	171	0	583	0	40	0	235
246	U. TX San Antonio	1,019	370	0	35	49	0	47	0	0	518

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
247	Fisk U.	1,000	0	0	0	0	1,000	0	0	0	0
248	James Madison U.	1,000	3	0	578	56	330	0	0	0	33
249	St. Joseph's U.	999	551	0	448	0	0	0	0	0	0
250	C. Charleston	997	0	691	68	93	145	0	0	0	0
251	CA State U. Dominguez Hills	986	57	0	0	737	0	0	192	0	0
252	Bucknell U.	975	0	0	306	0	475	0	0	1	193
253	U. TX-Pan American	965	0	0	253	1	0	0	33	0	678
254	Ball State U.	954	0	0	521	160	177	12	18	0	66
255	U. TX Southwestern Medical Ctr. Dallas	942	0	0	942	0	0	0	0	0	0
256	Ithaca C.	939	84	0	169	408	257	21	0	0	0
257	U. LA Lafayette	935	188	0	567	44	0	0	2	0	134
258	Central WA U.	924	213	604	59	37	11	0	0	0	0
259	St. Louis U. all campuses	904	0	210	591	75	28	0	0	0	0
260	TN Technological U.	896	50	0	6	23	15	158	0	0	644
261	U. of Medicine and Dentistry NJ	890	0	0	890	0	0	0	0	0	0
262	U. Richmond	881	0	0	234	190	348	109	0	0	0
263	Harvey Mudd C.	863	259	0	95	95	376	0	0	0	38
264	U. NC Greensboro	858	0	0	534	180	76	46	22	0	0
265	Wellesley C.	853	0	14	255	31	258	0	227	68	0
266	Franklin & Marshall C.	851	0	98	153	17	580	0	3	0	0
267	Teachers C. Columbia U.	842	0	0	199	0	0	435	208	0	0
268	Swarthmore C.	839	4	0	532	20	181	0	0	78	24
269	Vassar C.	832	103	0	287	1	334	0	107	0	0
270	Savannah State U.	819	0	284	0	0	0	0	0	0	535
271	Rockefeller U.	818	0	0	283	477	58	0	0	0	0
272	Lafayette C.	810	0	49	95	102	120	0	0	0	444
273	Macalester C.	809	0	238	137	41	353	0	40	0	0
274	Bowdoin C.	793	45	150	279	32	180	96	11	0	0
275	CA State Polytechnic U. San Luis Obispo	771	32	448	0	71	79	0	0	0	141
276	Western KY U.	766	8	0	244	5	507	2	0	0	0
277	Duquesne U.	739	0	0	171	125	443	0	0	0	0
278	U. Southern ME	734	0	100	607	0	0	0	27	0	0
279	Barnard C.	723	0	152	208	89	224	49	1	0	0
280	U. WI Eau Claire	712	5	61	56	6	584	0	0	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
281	C. of the Holy Cross	688	2	0	205	150	227	104	0	0	0
282	Appalachian State U.	686	0	12	565	0	101	0	8	0	0
283	DePaul U.	682	532	0	30	19	54	15	32	0	0
284	CUNY Brooklyn C.	676	213	0	463	0	0	0	0	0	0
285	CUNY C. Staten Island	670	0	0	49	114	437	70	0	0	0
286	U. CA Office of the President	666	0	0	0	0	0	0	0	666	0
287	MS Valley State U.	660	191	0	0	0	0	0	0	0	469
288	Hamilton C. (Clinton, NY)	656	12	213	13	0	332	0	86	0	0
289	Prairie View A&M U.	639	0	0	0	0	132	0	0	142	365
290	CA State U. East Bay	626	0	0	4	68	554	0	0	0	0
291	U. of the Pacific	620	0	0	134	0	477	0	0	0	9
292	Southern IL U. Edwardsville	613	239	0	127	74	173	0	0	0	0
293	CUNY Queens C.	608	0	199	0	0	310	16	83	0	0
294	CA State U. Long Beach	598	0	31	329	73	132	0	1	0	32
295	CUNY Herbert H. Lehman C.	586	231	0	0	69	133	0	75	78	0
296	TX Southern U.	585	15	0	0	164	406	0	0	0	0
297	U. MA Worcester	561	0	0	561	0	0	0	0	0	0
298	U. WI Oshkosh	554	22	0	449	0	83	0	0	0	0
299	Milwaukee School of Engineering	544	0	0	286	0	39	0	0	0	219
300	Towson U.	544	175	0	122	0	228	0	19	0	0
301	U. TX Medical Branch	541	0	0	521	0	0	0	0	0	20
302	U. West GA	538	28	100	101	5	304	0	0	0	0
303	Southern U. New Orleans	536	0	0	0	0	0	0	0	536	0
304	IN State U. all campuses	532	0	184	64	0	284	0	0	0	0
305	Northern KY U.	516	0	0	108	0	408	0	0	0	0
306	NC Central U.	515	0	0	0	459	56	0	0	0	0
307	AR State U. main campus	510	0	0	0	0	510	0	0	0	0
308	Spelman C.	508	29	0	55	144	251	29	0	0	0
309	Augsburg C.	494	76	417	0	1	0	0	0	0	0
310	U. TX M. D. Anderson Cancer Ctr.	482	0	0	409	0	73	0	0	0	0
311	Bates C.	478	2	66	0	0	410	0	0	0	0
312	Eastern MI U.	473	0	0	329	0	0	0	144	0	0
313	Bryn Mawr C.	469	42	164	15	55	193	0	0	0	0
314	GA Southern U.	468	28	0	278	35	127	0	0	0	0
315	Seton Hall U.	464	0	0	334	0	130	0	0	0	0
316	Union C. (Schenectady, NY)	454	1	92	48	9	163	2	0	0	139

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
317	Central MI U.	453	0	69	28	255	86	0	0	0	15
318	U. TX Health Science Ctr. Houston	453	0	0	453	0	0	0	0	0	0
319	John Carroll U.	452	0	0	118	334	0	0	0	0	0
320	U. North TX Health Science Ctr. Ft. Worth	451	0	0	451	0	0	0	0	0	0
321	Loyola Marymount U.	444	0	0	0	48	40	0	0	0	356
322	TX Tech U. Health Science Ctr.	438	0	0	438	0	0	0	0	0	0
323	Trinity U.	436	0	22	103	91	215	0	5	0	0
324	Sarah Lawrence C.	434	0	0	59	0	244	0	0	131	0
325	CUNY John Jay C. of Criminal Justice	433	0	0	0	12	0	421	0	0	0
326	Pomona C.	433	83	20	166	0	43	110	11	0	0
327	Alfred U. all campuses	429	0	102	0	0	49	0	0	0	278
328	Morehouse C.	429	16	0	217	4	156	36	0	0	0
329	Air Force Institute of Technology	428	428	0	0	0	0	0	0	0	0
330	U. DC	426	0	0	420	0	0	0	0	0	6
331	CT C.	402	3	0	269	0	130	0	0	0	0
332	Coastal Carolina U.	400	0	269	0	0	131	0	0	0	0
333	Hofstra U.	398	3	0	282	0	113	0	0	0	0
334	Jarvis Christian C.	398	17	51	83	18	153	2	0	0	74
335	Occidental C.	398	0	89	32	0	277	0	0	0	0
336	U. South AL	394	0	211	3	112	66	0	0	0	2
337	Oberlin C.	386	0	191	53	0	115	27	0	0	0
338	Point Loma Nazarene C.	376	0	0	183	0	193	0	0	0	0
339	Loyola U. Chicago	369	28	0	258	5	71	7	0	0	0
340	Hampshire C.	368	17	102	148	0	85	0	0	16	0
341	SUNY C. Geneseo	368	112	0	0	154	102	0	0	0	0
342	Cleveland State U.	367	0	53	229	0	17	0	0	0	68
343	NM Highlands U.	355	0	0	0	0	355	0	0	0	0
344	St. Olaf C.	355	0	0	187	0	168	0	0	0	0
345	Baylor U.	354	21	0	6	29	201	0	0	0	97
346	Humboldt State U.	349	74	69	206	0	0	0	0	0	0
347	Marshall U.	345	0	0	322	1	22	0	0	0	0
348	Bradley U.	344	0	0	46	0	186	0	0	0	112
349	West TX A&M U.	342	0	0	205	0	0	0	0	0	137
350	U. TX Health Science Ctr. San Antonio	339	0	0	339	0	0	0	0	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
351	U. WI La Crosse	337	44	0	98	0	195	0	0	0	0
352	TX Christian U.	336	0	43	0	0	293	0	0	0	0
353	Medical U. SC	335	0	0	335	0	0	0	0	0	0
354	U. AR for Medical Sciences	335	0	0	335	0	0	0	0	0	0
355	Ft. Lewis C.	329	0	0	0	0	329	0	0	0	0
356	U. North FL	326	0	0	171	11	39	23	0	0	82
357	Xavier U. LA	319	172	0	19	0	92	0	0	0	36
358	Gettysburg C.	316	0	0	100	0	144	0	72	0	0
359	Evergreen State C.	315	75	226	0	0	0	0	0	14	0
360	U. Dayton	311	0	33	70	15	0	0	0	0	193
361	U. Portland	310	0	85	0	66	159	0	0	0	0
362	Muhlenberg C.	301	0	0	301	0	0	0	0	0	0
363	MT Tech of the U. MT	295	0	143	0	0	0	0	0	0	152
364	Calvin C.	294	0	19	26	65	184	0	0	0	0
365	Benedict C.	289	42	42	42	79	42	0	0	0	42
366	Washington and Lee U.	287	29	0	84	3	171	0	0	0	0
367	SUNY C. Brockport	283	0	0	170	0	110	0	0	3	0
368	Colby C.	282	0	50	49	0	132	0	51	0	0
369	Middle TN State U.	281	5	0	89	11	176	0	0	0	0
370	Furman U.	278	49	111	0	0	118	0	0	0	0
371	Bridgewater State C.	277	0	0	0	0	277	0	0	0	0
372	Rider U.	276	0	0	276	0	0	0	0	0	0
373	Whitman C.	276	0	232	40	0	4	0	0	0	0
374	Central State U.	272	30	0	32	0	50	0	0	0	160
375	Southern U. and A&M C. all campuses	270	0	0	0	0	270	0	0	0	0
376	CA State U. San Bernardino	263	67	84	0	63	36	0	13	0	0
377	Sinte Gleska U.	261	161	50	0	0	50	0	0	0	0
378	Sam Houston State U.	253	0	0	253	0	0	0	0	0	0
379	U. Houston-Downtown	252	0	0	0	12	240	0	0	0	0
380	Lewis and Clark C.	245	16	0	165	0	64	0	0	0	0
381	Lawrence U.	244	0	0	0	0	244	0	0	0	0
382	Ursinus C.	244	0	3	184	0	57	0	0	0	0
383	U. MD Eastern Shore	243	0	0	0	0	243	0	0	0	0
384	Youngstown State U.	241	0	0	19	8	184	0	8	0	22
385	Universidad del Turabo	240	0	0	0	0	240	0	0	0	0
386	St. Cloud State U.	238	0	15	18	0	81	0	124	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
387	Central CT State U.	231	0	0	40	0	191	0	0	0	0
388	Southwest MO State U.	222	0	8	42	7	165	0	0	0	0
389	Truman State U.	221	0	0	89	110	22	0	0	0	0
390	Elizabeth City State U.	220	0	0	220	0	0	0	0	0	0
391	NY Medical C.	214	0	0	214	0	0	0	0	0	0
392	Murray State U.	213	0	0	118	95	0	0	0	0	0
393	U. WI River Falls	212	0	0	0	0	212	0	0	0	0
394	Mt. Sinai School of Medicine	210	0	0	210	0	0	0	0	0	0
395	Black Hills State U.	209	0	10	199	0	0	0	0	0	0
396	Drake U.	205	0	0	24	0	181	0	0	0	0
397	Skidmore C.	202	0	0	90	0	0	112	0	0	0
398	Hendrix C.	201	0	56	141	0	4	0	0	0	0
399	Pace U. all campuses	199	0	0	164	0	0	0	0	0	35
400	Gustavus Adolphus C.	196	0	103	26	6	61	0	0	0	0
401	Mercy C.	195	0	0	195	0	0	0	0	0	0
402	Southern OR U.	194	0	0	181	0	13	0	0	0	0
403	Chapman U.	192	0	53	97	42	0	0	0	0	0
404	U. WI Whitewater	187	0	0	173	0	14	0	0	0	0
405	Allegheny C.	186	0	59	50	0	77	0	0	0	0
406	Andrews U.	182	0	0	0	121	61	0	0	0	0
407	Denison U.	177	0	1	81	12	83	0	0	0	0
408	Rose-Hulman Institute of Technology	177	0	0	0	0	163	0	0	0	14
409	Medical C. GA	176	0	0	176	0	0	0	0	0	0
410	CA State U. Bakersfield	175	0	0	175	0	0	0	0	0	0
411	Grinnell C.	174	0	0	0	174	0	0	0	0	0
412	Kalamazoo C.	173	0	0	127	0	46	0	0	0	0
413	Trinity C. (Hartford, CT)	172	4	82	24	0	52	0	1	0	9
414	U. Puget Sound	172	0	36	34	0	0	0	102	0	0
415	Valparaiso U.	172	0	0	24	61	28	0	0	0	59
416	U. WI Stout	170	0	0	31	135	0	0	0	4	0
417	CA State Polytechnic U. Pomona	168	0	0	45	0	0	0	0	0	123
418	U. San Francisco	166	0	0	0	0	105	0	61	0	0
419	Western Carolina U.	166	0	46	0	0	120	0	0	0	0
420	U. AK Southeast all campuses	161	0	0	104	0	0	0	0	57	0
421	East TN State U.	160	83	0	7	0	70	0	0	0	0
422	Medical C. WI	160	0	0	160	0	0	0	0	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
423	Canisius C.	159	0	0	68	36	55	0	0	0	0
424	Stephen F. Austin State U.	158	0	0	150	0	0	0	8	0	0
425	Clafflin U.	157	0	0	157	0	0	0	0	0	0
426	U. Detroit Mercy	154	0	0	32	0	122	0	0	0	0
427	KY State U.	153	0	0	145	0	0	0	0	0	8
428	Fitchburg State C.	151	0	0	151	0	0	0	0	0	0
429	Grambling State U.	148	0	0	0	0	148	0	0	0	0
430	U. NC Asheville	148	0	20	5	7	116	0	0	0	0
431	U. New England	145	0	0	145	0	0	0	0	0	0
432	Lawrence Technological U.	142	0	0	0	0	0	0	0	0	142
433	U. of the Sciences Philadelphia	142	0	0	142	0	0	0	0	0	0
434	Thomas Jefferson U.	141	0	0	141	0	0	0	0	0	0
435	U. PR Medical Sciences Campus	140	0	0	140	0	0	0	0	0	0
436	Augustana C. (Sioux Falls, SD)	139	0	0	0	0	139	0	0	0	0
437	Kettering U.	138	0	0	0	0	0	0	0	0	138
438	Pacific U.	138	0	0	0	0	138	0	0	0	0
439	SUNY C. Cortland	136	0	115	21	0	0	0	0	0	0
440	TX A&M U. Commerce	135	82	0	0	0	53	0	0	0	0
441	SUNY C. Old Westbury	134	0	0	0	0	134	0	0	0	0
442	U. NC Pembroke	133	0	0	0	0	133	0	0	0	0
443	Rhodes C.	131	0	0	91	0	40	0	0	0	0
444	Wabash C.	125	0	0	0	65	57	0	3	0	0
445	TX A&M U. System Health Science Ctr.	123	0	0	123	0	0	0	0	0	0
446	OR Institute of Technology	120	88	0	0	0	0	0	0	0	32
447	Fordham U.	119	0	0	119	0	0	0	0	0	0
448	Mt. St. Mary's C. (Los Angeles, CA)	119	0	0	0	0	119	0	0	0	0
449	Medical U. OH	117	0	0	117	0	0	0	0	0	0
450	Roger Williams U. Bristol	116	0	0	0	0	116	0	0	0	0
451	SUNY C. Plattsburgh	116	0	116	0	0	0	0	0	0	0
452	Willamette U.	114	0	0	1	0	57	0	0	56	0
453	Christopher Newport U.	113	0	0	75	0	38	0	0	0	0
454	IL Wesleyan U.	113	0	0	72	0	37	4	0	0	0
455	Long Island U. all campuses	112	0	0	0	0	102	10	0	0	0
456	West Chester U. PA	112	0	0	112	0	0	0	0	0	0
457	Rush U.	110	0	0	110	0	0	0	0	0	0
458	VA Military Institute	110	0	0	0	0	0	0	0	0	110

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
459	Berry C.	106	0	1	63	28	14	0	0	0	0
460	SUNY Upstate Medical U.	104	0	0	104	0	0	0	0	0	0
461	Dickinson C.	101	0	14	23	0	64	0	0	0	0
462	U. Central OK	101	0	0	101	0	0	0	0	0	0
463	Tougaloo C.	100	6	0	12	6	61	0	0	15	0
464	Western IL U.	98	0	0	30	0	68	0	0	0	0
465	Manhattan C.	97	0	0	0	0	0	0	0	0	97
466	CA State U. Fresno	96	0	0	96	0	0	0	0	0	0
467	New School, The	96	0	0	0	0	0	77	19	0	0
468	U. GU	94	0	19	75	0	0	0	0	0	0
469	C. NJ, The	90	0	0	16	52	0	0	0	0	22
470	Midwestern U. (Chicago, IL)	89	0	0	89	0	0	0	0	0	0
471	U. Hartford	89	89	0	0	0	0	0	0	0	0
472	Rosalind Franklin U. of Medicine and Science	86	0	0	86	0	0	0	0	0	0
473	U. WI Superior	82	0	0	0	82	0	0	0	0	0
474	Philadelphia U.	80	0	0	0	0	0	0	0	80	0
475	U. TX Tyler	78	38	0	0	0	0	0	0	0	40
476	Southeast MO State U.	77	0	0	77	0	0	0	0	0	0
477	U. WI Stevens Point	77	7	66	0	0	4	0	0	0	0
478	Eastern OR U.	75	0	0	0	0	59	16	0	0	0
479	Pitzer C.	75	0	0	0	75	0	0	0	0	0
480	Gallaudet U.	72	0	0	0	0	0	71	0	1	0
481	American U.	71	0	0	58	0	0	0	13	0	0
482	Lamar U.	70	7	0	0	0	0	0	0	0	63
483	U.S. Naval Academy	70	2	0	0	0	68	0	0	0	0
484	Lake Forest C.	66	0	0	66	0	0	0	0	0	0
485	Loyola U. New Orleans	65	0	0	0	0	65	0	0	0	0
486	Augustana C. (Rock Island, IL)	61	0	61	0	0	0	0	0	0	0
487	Fairfield U.	61	0	0	0	0	61	0	0	0	0
488	Governors State U.	61	53	0	0	0	8	0	0	0	0
489	Grand Valley State U.	61	10	10	23	0	18	0	0	0	0
490	Northeastern OH Universities C. of Medicine	60	0	0	60	0	0	0	0	0	0
491	U. West FL	58	0	0	0	0	0	58	0	0	0
492	Roanoke C.	57	0	0	0	0	57	0	0	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
493	OH Wesleyan U.	55	0	0	55	0	0	0	0	0	0
494	Southeastern LA U.	55	0	0	15	0	40	0	0	0	0
495	MN State U. Mankato	54	6	0	28	0	0	0	0	0	20
496	U. of the South	50	39	11	0	0	0	0	0	0	0
497	Eastern KY U.	47	0	10	2	0	34	0	1	0	0
498	U. Northern IA	47	0	29	0	0	18	0	0	0	0
499	Radford U.	45	0	2	43	0	0	0	0	0	0
500	U. Houston-Clear Lake	37	19	0	0	0	0	18	0	0	0
501	U. LA Monroe	37	0	0	37	0	0	0	0	0	0
502	U. of St. Thomas (St. Paul, MN)	36	0	0	10	0	26	0	0	0	0
503	U. WI Green Bay	36	0	36	0	0	0	0	0	0	0
504	West Liberty State C.	35	0	0	35	0	0	0	0	0	0
505	Providence C.	34	0	34	0	0	0	0	0	0	0
506	MT State U. Billings	33	0	0	0	33	0	0	0	0	0
507	CUNY Baruch C.	30	0	0	0	0	0	30	0	0	0
508	Northeastern IL U.	30	0	0	0	30	0	0	0	0	0
509	Nova Southeastern U.	30	0	30	0	0	0	0	0	0	0
510	SUNY C. Buffalo	26	0	0	26	0	0	0	0	0	0
511	Tuskegee U.	25	0	0	25	0	0	0	0	0	0
512	Juniata C.	24	0	0	8	0	16	0	0	0	0
513	CA State U. Monterey Bay	23	0	23	0	0	0	0	0	0	0
514	U. WI Parkside	23	13	0	6	0	3	1	0	0	0
515	Morehouse School of Medicine	22	0	0	22	0	0	0	0	0	0
516	U. IL Springfield	22	0	0	0	0	22	0	0	0	0
517	Lincoln U. (Lincoln University, PA)	20	0	0	0	0	20	0	0	0	0
518	U. Redlands	20	0	20	0	0	0	0	0	0	0
519	Claremont Graduate U.	19	0	0	0	0	0	0	19	0	0
520	McNeese State U.	19	0	0	19	0	0	0	0	0	0
521	Kennesaw State U.	17	17	0	0	0	0	0	0	0	0
522	Davidson C.	16	0	0	12	4	0	0	0	0	0
523	Morehead State U.	16	0	0	16	0	0	0	0	0	0
524	VA State U.	15	0	0	15	0	0	0	0	0	0
525	WV State U.	15	0	0	15	0	0	0	0	0	0
526	Mercer U. all campuses	11	0	0	0	0	11	0	0	0	0
527	Pittsburg State U.	10	0	0	0	0	0	0	0	0	10
528	St. Mary's C. MD	10	0	0	10	0	0	0	0	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
529	AL State U.	9	0	0	0	0	0	0	9	0	0
530	Southeastern OK State U.	9	0	0	1	0	8	0	0	0	0
531	Meharry Medical C.	8	0	0	8	0	0	0	0	0	0
532	U. San Diego	8	0	0	8	0	0	0	0	0	0
533	Tarleton State U.	6	0	0	0	0	6	0	0	0	0
534	Yeshiva U.	4	0	0	4	0	0	0	0	0	0
535	Abilene Christian U.	3	0	0	0	3	0	0	0	0	0
536	SUNY C. Oswego	3	0	3	0	0	0	0	0	0	0
537	Indiana U. PA all campuses	2	0	2	0	0	0	0	0	0	0
538	Simmons C.	1	0	0	0	0	1	0	0	0	0
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0
	Albany Medical C.	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	0	0	0	0	0	0	0	0	0
	Alcorn State U.	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	0	0	0	0	0	0	0	0	0	0
	Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Cheyney U. PA	0	0	0	0	0	0	0	0	0	0
	Chicago State U.	0	0	0	0	0	0	0	0	0	0
	CO State U. Pueblo	0	0	0	0	0	0	0	0	0	0
	CUNY Medgar Evers C.	0	0	0	0	0	0	0	0	0	0
	CUNY York C.	0	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	0	0	0	0	0	0	0	0	0
	Eastern VA Medical School	0	0	0	0	0	0	0	0	0	0
	Eastern WA U.	0	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	0	0	0	0	0	0	0	0	0	0
	FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0
	Ft. Valley State U.	0	0	0	0	0	0	0	0	0	0
	Fuller Theological Seminary CA	0	0	0	0	0	0	0	0	0	0
	Heritage U. (Toppenish, WA)	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	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

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	KS State U.	0	0	0	0	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	0	0	0	0	0	0	0	0	0	0
	La Salle U.	0	0	0	0	0	0	0	0	0	0
	Langston U.	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Jefferson City, MO)	0	0	0	0	0	0	0	0	0	0
	Loma Linda U.	0	0	0	0	0	0	0	0	0	0
	Maharishi U. of Management	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	0	0	0	0	0	0	0	0	0	0
	Mercyhurst C.	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	0	0	0	0	0	0	0	0	0	0
	Monmouth U.	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	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
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0
	Nicholls State U.	0	0	0	0	0	0	0	0	0	0
	Northeastern State U.	0	0	0	0	0	0	0	0	0	0
	Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	PA C. of Optometry	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
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0
	Reed C.	0	0	0	0	0	0	0	0	0	0
	Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0
	Shaw U.	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0
	St. Francis U. (Loretto, PA)	0	0	0	0	0	0	0	0	0	0
	St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	0	0	0	0	0	0	0	0	0
	Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0
	SUNY Fredonia	0	0	0	0	0	0	0	0	0	0
	SUNY Health Science Ctr. Brooklyn	0	0	0	0	0	0	0	0	0	0
	TX State U. San Marcos	0	0	0	0	0	0	0	0	0	0
	TX Woman's U.	0	0	0	0	0	0	0	0	0	0

TABLE 80. Federally financed R&D expenditures at universities and colleges, financed by the National Science Foundation, ranked by NSF R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	NSF R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Troy U. main campus	0	0	0	0	0	0	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0
	Universidad del Este	0	0	0	0	0	0	0	0	0	0
	Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0
	U. AR Pine Bluff	0	0	0	0	0	0	0	0	0	0
	U. Baltimore	0	0	0	0	0	0	0	0	0	0
	U. Scranton	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	0	0	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	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
	Wilkes U.	0	0	0	0	0	0	0	0	0	0
	Williams C.	0	0	0	0	0	0	0	0	0	0

nec = not elsewhere classified.

NSF = National Science Foundation.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Institutions not listed in this table did not provide federally financed R&D expenditures by federal agency; institutions that reported amounts of zero or more are included. Detail may not add to all-institution total because some respondents reporting federal agency data did not break out these data by field of science. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	868,819	1,759	59,081	717,565	2,994	7,889	650	36,859	5,317	36,705
1	CO State U.	41,456	0	25,566	13,528	77	0	0	717	0	1,568
2	TX A&M U. all campuses	33,062	4	957	31,308	0	55	0	62	0	676
3	U. MO-Columbia	27,778	0	168	24,043	0	0	0	3,475	0	92
4	Cornell U. all campuses	27,327	270	315	24,092	0	0	114	1,444	0	1,092
5	NC State U.	24,920	0	473	21,273	202	69	0	817	0	2,086
6	IA State U.	24,893	0	1,735	17,308	2,272	264	0	1,156	0	2,158
7	MI State U.	24,000	0	79	20,982	2	36	2	1,775	0	1,124
8	MS State U.	23,447	40	29	23,126	4	114	0	23	0	111
9	OH State U. all campuses	21,039	2	23	18,363	0	1	0	1,078	0	1,572
10	OR State U.	20,456	51	735	16,783	5	84	0	436	139	2,223
11	U. FL	20,279	53	21	18,508	29	159	0	533	0	976
12	WA State U.	20,195	0	0	17,522	11	0	225	720	380	1,337
13	U. IL Urbana-Champaign	18,529	2	3,257	12,770	0	2	1	1,813	1	683
14	U. CA, Davis	18,365	0	116	17,469	0	220	0	173	0	387
15	Purdue U. all campuses	18,347	30	198	14,645	0	0	0	1,587	0	1,887
16	U. GA	18,270	163	36	16,135	0	34	0	1,068	0	834
17	U. MN all campuses	17,004	0	428	15,432	0	0	0	886	0	258
18	Baylor C. of Medicine	16,967	0	0	16,967	0	0	0	0	0	0
19	U. WI Madison	16,423	0	426	13,432	0	0	0	1,720	0	845
20	Tufts U.	16,406	0	0	16,283	0	0	0	34	0	89
21	UT State U.	14,896	34	143	11,677	17	100	11	692	2,059	163
22	VA Polytechnic Institute and State U.	13,706	33	321	12,228	0	87	108	690	0	239
23	U. AR main campus	12,328	0	196	11,111	0	0	0	4	0	1,017
24	U. ID	12,092	0	161	10,494	0	108	0	297	0	1,032
25	U. KY all campuses	11,607	0	0	10,019	0	0	0	768	0	820
26	U. MD College Park	11,309	1	0	9,719	0	53	0	1,245	0	291
27	U. NE all campuses	10,833	711	0	9,096	0	13	0	428	14	571
28	PA State U. all campuses	10,085	0	565	9,304	0	0	5	63	4	144
29	U. HI Manoa	9,903	0	227	8,876	0	0	0	82	718	0
30	Rutgers, The State U. NJ all campuses	9,457	0	709	8,189	0	0	0	559	0	0
31	MT State U. Bozeman	9,384	0	57	8,669	0	24	0	503	6	125
32	U. ME	9,087	0	380	8,264	0	65	0	0	220	158
33	Clemson U.	8,889	0	0	7,515	0	19	0	212	93	1,050
34	ND State U. all campuses	8,741	0	0	7,786	0	0	0	686	0	269

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
35	Auburn U. all campuses	8,724	0	206	6,917	0	82	0	294	0	1,225
36	OK State U. all campuses	8,322	0	77	7,821	0	0	0	411	12	1
37	U. VT	8,300	0	0	8,300	0	0	0	0	0	0
38	NM State U. all campuses	8,291	0	0	8,161	0	49	0	1	0	80
39	WV U.	7,716	1	403	6,884	0	0	0	35	0	393
40	U. AK Fairbanks all campuses	7,235	0	894	6,088	0	0	0	2	47	204
41	LA State U. all campuses	6,945	0	74	5,998	0	55	0	508	0	310
42	U. CT all campuses	6,659	0	21	5,756	0	2	0	578	0	302
43	FL A&M U.	6,542	0	0	6,522	0	0	0	0	0	20
44	U. AZ	6,458	0	101	4,719	0	0	0	1,494	0	144
45	U. WY	5,907	0	91	5,495	0	0	0	215	106	0
46	SD State U.	5,773	0	0	5,006	0	0	0	585	0	182
47	U. MS all campuses	5,551	30	0	2,648	0	1,659	0	0	0	1,214
48	U. RI	5,351	0	647	4,528	0	0	0	0	54	122
49	VA State U.	5,285	0	0	5,285	0	0	0	0	0	0
50	Alcorn State U.	5,211	0	0	5,211	0	0	0	0	0	0
51	Tarleton State U.	5,148	0	189	4,959	0	0	0	0	0	0
52	U. CA, Berkeley	5,127	0	16	4,992	12	0	0	0	0	107
53	U. CA, Riverside	5,051	0	734	4,168	10	0	22	0	0	117
54	U. ND all campuses	4,512	0	362	2,278	0	57	0	3	0	1,812
55	TX Tech U.	4,411	0	116	3,080	0	165	0	836	0	214
56	U. Toledo	4,400	0	1,032	2,358	0	960	0	0	0	50
57	U. NH	4,171	0	683	3,348	0	0	0	81	47	12
58	U. MT-Missoula, The	4,082	2	127	3,112	0	528	0	313	0	0
59	U. TN all campuses	3,867	0	4	3,131	0	0	0	257	0	475
60	NC Agricultural and Technical State U.	3,795	0	0	3,738	0	0	0	0	0	57
61	U. GU	3,790	0	0	3,790	0	0	0	0	0	0
62	TN State U.	3,781	0	0	3,781	0	0	0	0	0	0
63	U. MA Amherst	3,668	0	29	3,525	0	0	0	114	0	0
64	Langston U.	3,661	0	0	3,661	0	0	0	0	0	0
65	AL A&M U.	3,548	0	0	3,548	0	0	0	0	0	0
66	Prairie View A&M U.	3,538	0	0	3,538	0	0	0	0	0	0
67	U. Southern MS	3,526	0	765	1,437	0	1,294	0	30	0	0
68	U. NV, Reno	3,417	0	135	2,952	0	0	0	313	17	0
69	KY State U.	3,066	0	0	3,066	0	0	0	0	0	0
70	Tuskegee U.	2,965	0	0	2,545	0	7	0	0	0	413

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
71	FL State U.	2,942	0	2,753	148	0	41	0	0	0	0
72	U. of the VI	2,930	0	0	2,163	0	0	0	767	0	0
73	U. AR Pine Bluff	2,889	0	0	2,889	0	0	0	0	0	0
74	Lincoln U. (Jefferson City, MO)	2,831	0	435	1,878	0	0	0	518	0	0
75	Ft. Valley State U.	2,570	0	0	2,570	0	0	0	0	0	0
76	DE State U.	2,417	0	0	2,370	0	0	0	47	0	0
77	U. WA	2,235	0	680	1,431	0	0	0	0	0	124
78	U. DE	2,215	9	122	1,896	0	0	0	53	0	135
79	MI Technological U.	1,764	0	1,422	0	0	0	0	0	0	342
80	Northern AZ U.	1,750	4	33	1,699	0	0	0	0	0	14
81	WV State U.	1,656	0	0	1,656	0	0	0	0	0	0
82	Western KY U.	1,582	0	91	1,030	0	461	0	0	0	0
83	CA State Polytechnic U. San Luis Obispo	1,561	0	0	1,537	0	0	9	15	0	0
84	Sul Ross State U.	1,511	0	1,022	489	0	0	0	0	0	0
85	U. NV, Las Vegas	1,432	0	1,417	15	0	0	0	0	0	0
86	U. MD Eastern Shore	1,347	0	0	1,347	0	0	0	0	0	0
87	Southern IL U. Carbondale	1,328	0	4	1,318	0	0	0	1	5	0
88	Johns Hopkins U., The ^a	1,180	0	0	1,032	19	4	0	106	0	19
89	AZ State U. main campus	1,153	0	5	998	0	150	0	0	0	0
90	GA State U.	1,133	0	0	8	0	46	0	1,079	0	0
91	U. PA	1,132	0	165	967	0	0	0	0	0	0
92	Thomas Jefferson U.	1,103	0	0	1,103	0	0	0	0	0	0
93	U. MI all campuses	1,094	9	0	1,004	0	34	0	3	0	44
94	U. CA, Santa Cruz	1,067	0	155	509	0	0	0	403	0	0
95	West TX A&M U.	1,052	0	187	865	0	0	0	0	0	0
96	U. LA Lafayette	911	0	0	4	0	0	0	0	907	0
97	Western Carolina U.	878	0	845	0	0	0	0	0	33	0
98	Brigham Young U. all campuses	796	0	0	564	0	0	0	5	0	227
99	U. SC all campuses	786	0	613	124	0	0	0	21	23	5
100	Washington U. St. Louis	678	0	0	612	0	0	0	0	0	66
101	U. CA, Santa Barbara	650	251	166	147	0	86	0	0	0	0
102	U. KS all campuses	641	0	0	641	0	0	0	0	0	0
103	U. HI Hilo	638	0	262	376	0	0	0	0	0	0
104	Yale U.	633	0	0	626	0	0	0	0	0	7
105	Duke U.	622	0	126	362	0	0	0	0	0	134

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
106	U. MA Dartmouth	605	0	0	594	0	11	0	0	0	0
107	U. DC	594	0	0	594	0	0	0	0	0	0
108	Dartmouth C.	569	0	0	422	0	0	0	14	0	133
109	U. TX San Antonio	556	0	35	0	0	0	0	521	0	0
110	Portland State U.	553	0	381	160	0	0	0	12	0	0
111	TX A&M U. Kingsville	531	0	0	524	0	7	0	0	0	0
112	Marshall U.	524	0	0	524	0	0	0	0	0	0
113	U. NM all campuses	514	0	6	182	28	0	0	298	0	0
114	U. MD Biotechnology Institute	512	0	58	454	0	0	0	0	0	0
115	Howard U.	506	0	0	506	0	0	0	0	0	0
116	U. NC Wilmington	494	0	0	494	0	0	0	0	0	0
117	Tulane U.	493	0	0	493	0	0	0	0	0	0
118	U. WI Milwaukee	484	0	460	0	0	0	0	24	0	0
119	U. CO all campuses	430	0	122	223	0	0	0	8	0	77
120	Vanderbilt U.	429	0	0	285	0	40	0	0	0	104
121	U. Central FL	396	0	0	0	0	0	0	0	0	396
122	George Mason U.	386	0	38	135	213	0	0	0	0	0
123	U. OK all campuses	379	0	0	379	0	0	0	0	0	0
124	Humboldt State U.	374	0	0	374	0	0	0	0	0	0
125	U. MD Ctr. for Environmental Science	373	0	373	0	0	0	0	0	0	0
126	Bowling Green State U. all campuses	366	0	0	366	0	0	0	0	0	0
127	GA Southern U.	361	0	275	86	0	0	0	0	0	0
128	Jackson State U.	355	0	0	0	0	0	0	1	354	0
129	Stephen F. Austin State U.	354	0	0	354	0	0	0	0	0	0
130	Southern OR U.	351	0	98	141	0	13	0	99	0	0
131	U. AR for Medical Sciences	338	0	0	338	0	0	0	0	0	0
132	Medical U. OH	321	0	0	321	0	0	0	0	0	0
133	U. OR	316	0	186	98	0	0	0	32	0	0
134	U. CA, Los Angeles	313	0	0	280	0	33	0	0	0	0
135	C. of William and Mary all campuses	286	0	226	60	0	0	0	0	0	0
136	Cheyney U. PA	278	0	0	278	0	0	0	0	0	0
137	U. TX Medical Branch	277	0	0	277	0	0	0	0	0	0
138	CA State U. San Bernardino	270	0	0	208	0	0	0	26	36	0
139	IN U. all campuses	269	0	0	238	0	4	0	27	0	0
140	U. Northern IA	262	0	6	256	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
141	U. Akron all campuses	259	0	0	0	0	0	0	0	0	259
142	Appalachian State U.	254	0	113	97	0	0	0	44	0	0
143	U. PR Mayaguez Campus	249	0	57	137	0	6	0	0	0	49
144	U. of Medicine and Dentistry NJ	245	0	0	245	0	0	0	0	0	0
145	IL Institute of Technology	242	0	0	210	0	0	0	0	0	32
146	Case Western Reserve U.	238	0	114	124	0	0	0	0	0	0
147	U. AK Anchorage all campuses	238	0	45	174	0	0	0	17	2	0
148	Medical U. SC	231	0	0	231	0	0	0	0	0	0
149	Southern IL U. Edwardsville	219	0	0	219	0	0	0	0	0	0
150	U. CA, San Diego	219	0	72	147	0	0	0	0	0	0
151	NY U.	211	0	0	211	0	0	0	0	0	0
152	Northwestern U.	211	0	0	0	0	0	0	28	0	183
153	East Carolina U.	208	0	0	173	0	0	6	29	0	0
154	U. WI Stevens Point	203	0	25	151	0	0	0	27	0	0
155	U. NC Charlotte	202	0	121	81	0	0	0	0	0	0
156	U. TX Austin	196	0	89	26	0	1	0	23	0	57
157	GA Institute of Technology all campuses	195	0	0	26	0	106	0	11	0	52
158	Furman U.	189	0	0	189	0	0	0	0	0	0
159	Baylor U.	186	0	79	29	0	76	0	2	0	0
160	U. Southern CA	181	33	0	148	0	0	0	0	0	0
161	SUNY Stony Brook all campuses	179	0	0	108	0	0	0	0	0	71
162	Boise State U.	178	0	111	67	0	0	0	0	0	0
163	SUNY Upstate Medical U.	174	0	0	174	0	0	0	0	0	0
164	U. AL, The	171	0	58	110	0	0	0	0	0	3
165	U. CA, San Francisco	171	0	0	171	0	0	0	0	0	0
166	Lamar U.	170	0	0	0	0	0	0	0	0	170
167	SUNY Buffalo all campuses	170	0	79	91	0	0	0	0	0	0
168	LA Tech U.	163	0	0	163	0	0	0	0	0	0
169	U. Cincinnati all campuses	159	0	0	159	0	0	0	0	0	0
170	SUNY Albany	158	0	23	135	0	0	0	0	0	0
171	CA State U. Fresno	156	0	0	156	0	0	0	0	0	0
172	Duquesne U.	147	0	0	125	0	0	0	22	0	0
173	NM Institute of Mining and Technology	143	0	0	0	0	143	0	0	0	0
174	U. UT	143	0	29	65	0	0	0	0	0	49

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
175	CUNY Herbert H. Lehman C.	140	0	0	140	0	0	0	0	0	0
176	Drexel U.	140	0	0	112	0	0	0	0	0	28
177	SD School of Mines and Technology	137	0	68	0	0	17	0	0	0	52
178	CA State Polytechnic U. Pomona	135	0	0	135	0	0	0	0	0	0
179	Marquette U.	135	0	0	135	0	0	0	0	0	0
180	SUNY C. Brockport	131	0	0	131	0	0	0	0	0	0
181	Western IL U.	131	0	0	131	0	0	0	0	0	0
182	Emory U.	129	0	0	74	0	54	0	1	0	0
183	U. Pittsburgh all campuses	128	0	0	128	0	0	0	0	0	0
184	Northern IL U.	125	0	0	0	0	0	114	0	0	11
185	Pacific U.	125	0	0	125	0	0	0	0	0	0
186	U. NC Asheville	125	0	19	7	0	0	0	99	0	0
187	U. IL Chicago	123	0	0	113	0	0	0	10	0	0
188	James Madison U.	121	15	0	18	0	0	0	52	0	36
189	CA State U. East Bay	120	0	0	120	0	0	0	0	0	0
190	Syracuse U. all campuses	120	0	0	23	0	0	0	22	0	75
191	U. of Notre Dame	120	0	0	99	0	0	0	21	0	0
192	Jacksonville State U.	118	0	118	0	0	0	0	0	0	0
193	U. CA, Irvine	118	0	0	98	20	0	0	0	0	0
194	ID State U.	115	0	0	115	0	0	0	0	0	0
195	OR Health & Science U.	115	0	0	115	0	0	0	0	0	0
196	Fordham U.	113	0	0	113	0	0	0	0	0	0
197	C. Charleston	112	4	21	85	0	2	0	0	0	0
198	Desert Research Institute	111	0	110	1	0	0	0	0	0	0
199	U. WI Superior	111	0	111	0	0	0	0	0	0	0
200	Harvard U.	108	0	42	58	0	0	0	8	0	0
201	U. MO-St. Louis	108	0	0	108	0	0	0	0	0	0
202	IL State U.	104	0	0	104	0	0	0	0	0	0
203	Clark U.	103	0	103	0	0	0	0	0	0	0
204	Roger Williams U. Bristol	94	0	94	0	0	0	0	0	0	0
205	U. MO-Rolla	91	0	87	4	0	0	0	0	0	0
206	Lehigh U.	88	0	0	0	0	74	0	0	0	14
207	Georgetown U.	87	0	0	35	0	0	0	52	0	0
208	Sinte Gleska U.	85	0	85	0	0	0	0	0	0	0
209	Rochester Institute of Technology	81	0	0	18	0	10	0	32	0	21
210	VA Commonwealth U.	78	0	0	53	0	0	0	0	0	25

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
211	Occidental C.	76	0	0	0	0	0	0	76	0	0
212	SUNY C. Plattsburgh	73	0	0	73	0	0	0	0	0	0
213	AR State U. main campus	72	0	0	72	0	0	0	0	0	0
214	DePaul U.	72	0	72	0	0	0	0	0	0	0
215	Eastern MI U.	70	0	0	70	0	0	0	0	0	0
216	U. West FL	67	0	0	16	0	0	0	51	0	0
217	George Washington U.	66	0	0	0	0	0	0	66	0	0
218	TN Technological U.	66	0	0	4	0	0	0	0	0	62
219	U. TX-Pan American	63	0	0	63	0	0	0	0	0	0
220	CA State U. Monterey Bay	62	0	62	0	0	0	0	0	0	0
221	St. Cloud State U.	62	0	0	62	0	0	0	0	0	0
222	TX A&M U. System Health Science Ctr.	62	0	0	41	0	0	0	21	0	0
223	U. Southern ME	62	0	0	62	0	0	0	0	0	0
224	Mt. Sinai School of Medicine	59	0	0	59	0	0	0	0	0	0
225	TX Woman's U.	59	0	0	59	0	0	0	0	0	0
226	Rice U.	58	0	0	38	0	0	0	20	0	0
227	SUNY Binghamton	57	0	0	57	0	0	0	0	0	0
228	U. Louisville	56	0	0	50	0	0	0	6	0	0
229	SUNY C. Geneseo	55	0	0	55	0	0	0	0	0	0
230	Western MI U.	54	0	0	54	0	0	0	0	0	0
231	IN State U. all campuses	52	0	52	0	0	0	0	0	0	0
232	Drake U.	51	0	51	0	0	0	0	0	0	0
233	U. AL Birmingham, The	50	0	0	0	0	0	0	0	0	50
234	Saginaw Valley State U.	47	0	0	0	0	0	0	0	0	47
235	U. Memphis, The	47	0	0	47	0	0	0	0	0	0
236	Western WA U.	47	0	0	24	0	0	23	0	0	0
237	Middle TN State U.	45	0	0	0	0	0	0	45	0	0
238	Milwaukee School of Engineering	45	0	0	9	0	0	0	0	0	36
239	St. Louis U. all campuses	45	0	0	45	0	0	0	0	0	0
240	TX A&M U. Corpus Christi	45	0	33	0	0	0	0	0	12	0
241	U. Houston-Clear Lake	45	0	0	0	45	0	0	0	0	0
242	U. WI River Falls	45	0	5	30	0	0	0	10	0	0
243	CO School of Mines	43	0	10	0	0	0	0	20	0	13
244	East TN State U.	43	0	0	43	0	0	0	0	0	0
245	Towson U.	40	0	0	25	0	0	0	15	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
246	U. AK Southeast all campuses	40	0	1	19	0	0	0	12	0	8
247	U. Miami	40	0	0	29	0	0	0	0	0	11
248	Chapman U.	39	0	0	39	0	0	0	0	0	0
249	MT Tech of the U. MT	38	0	38	0	0	0	0	0	0	0
250	U. LA Monroe	37	0	0	0	0	0	0	37	0	0
251	SUNY C. Cortland	35	0	0	35	0	0	0	0	0	0
252	U. TX Health Science Ctr. Houston	33	0	0	33	0	0	0	0	0	0
253	Bowdoin C.	32	0	0	0	0	32	0	0	0	0
254	Clark Atlanta U.	32	0	0	0	0	0	0	4	28	0
255	U. Richmond	32	0	0	32	0	0	0	0	0	0
256	CUNY The City C.	31	0	0	0	0	31	0	0	0	0
257	U. TX Dallas	31	4	0	5	0	10	5	1	0	6
258	U. Denver	30	0	0	30	0	0	0	0	0	0
259	U. West GA	30	0	0	30	0	0	0	0	0	0
260	U. Northern CO	28	0	0	28	0	0	0	0	0	0
261	Wilkes U.	27	0	27	0	0	0	0	0	0	0
262	Temple U.	26	0	4	0	0	0	0	0	0	22
263	Eastern KY U.	25	0	0	25	0	0	0	0	0	0
264	Nicholls State U.	25	0	0	25	0	0	0	0	0	0
265	Bryn Mawr C.	24	0	0	24	0	0	0	0	0	0
266	U. of St. Thomas (St. Paul, MN)	24	0	0	24	0	0	0	0	0	0
267	Southern Methodist U.	23	0	0	0	0	0	0	23	0	0
268	CA Institute of Technology	22	0	0	0	0	0	0	0	0	22
269	U. SD	22	0	0	22	0	0	0	0	0	0
270	U. WI La Crosse	22	0	0	0	0	0	0	0	0	22
271	Clarkson U.	21	0	0	0	0	0	0	16	0	5
272	Loyola U. New Orleans	21	0	0	21	0	0	0	0	0	0
273	Old Dominion U.	21	0	0	21	0	0	0	0	0	0
274	Sam Houston State U.	21	0	0	21	0	0	0	0	0	0
275	U. South FL	20	0	3	3	0	14	0	0	0	0
276	U. TX Southwestern Medical Ctr. Dallas	20	0	0	20	0	0	0	0	0	0
277	Black Hills State U.	19	0	0	0	0	0	0	0	0	19
278	St. Joseph's U.	19	0	0	19	0	0	0	0	0	0
279	U. MD Baltimore County	19	0	0	0	0	0	0	0	0	19
280	Grand Valley State U.	18	0	8	10	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
281	U. WI Oshkosh	18	0	0	18	0	0	0	0	0	0
282	CUNY Baruch C.	15	0	0	0	15	0	0	0	0	0
283	FL Gulf Coast U.	15	0	0	15	0	0	0	0	0	0
284	Cleveland State U.	13	0	1	0	0	0	5	0	0	7
285	Lewis and Clark C.	13	0	0	13	0	0	0	0	0	0
286	Valparaiso U.	13	0	0	0	13	0	0	0	0	0
287	Ball State U.	12	0	0	0	0	0	0	12	0	0
288	Boston C.	12	0	0	12	0	0	0	0	0	0
289	SUNY C. Buffalo	12	0	12	0	0	0	0	0	0	0
290	Wabash C.	12	0	0	0	0	12	0	0	0	0
291	Augustana C. (Sioux Falls, SD)	11	0	0	10	0	1	0	0	0	0
292	Carleton C.	11	0	0	11	0	0	0	0	0	0
293	Elizabeth City State U.	10	0	0	10	0	0	0	0	0	0
294	Ithaca C.	10	0	0	10	0	0	0	0	0	0
295	Lafayette C.	10	0	10	0	0	0	0	0	0	0
296	NJ Institute of Technology	10	0	0	0	0	0	0	0	0	10
297	OH U. all campuses	10	0	10	0	0	0	0	0	0	0
298	Southeastern LA U.	10	0	0	0	0	0	0	10	0	0
299	Southeastern OK State U.	10	0	0	10	0	0	0	0	0	0
300	U. Tulsa	10	0	0	0	0	0	0	10	0	0
301	Kent State U. all campuses	8	0	0	0	0	0	0	8	0	0
302	Murray State U.	8	0	8	0	0	0	0	0	0	0
303	Eastern OR U.	7	0	0	7	0	0	0	0	0	0
304	Spelman C.	7	0	0	7	0	0	0	0	0	0
305	Truman State U.	6	0	0	6	0	0	0	0	0	0
306	U. Dayton	6	0	0	6	0	0	0	0	0	0
307	U. North TX Health Science Ctr. Ft. Worth	6	0	0	6	0	0	0	0	0	0
308	Wayne State U.	6	3	0	3	0	0	0	0	0	0
309	Central MI U.	5	0	0	5	0	0	0	0	0	0
310	Eastern VA Medical School	5	0	0	5	0	0	0	0	0	0
311	U. WI Green Bay	5	0	5	0	0	0	0	0	0	0
312	VA Military Institute	5	0	0	0	0	5	0	0	0	0
313	Grambling State U.	4	0	0	4	0	0	0	0	0	0
314	U. TX Arlington	4	0	0	4	0	0	0	0	0	0
315	Allegheny C.	3	0	0	3	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
316	U. AL Huntsville, The	2	0	2	0	0	0	0	0	0	0
317	Andrews U.	1	0	0	1	0	0	0	0	0	0
318	Christopher Newport U.	1	0	0	1	0	0	0	0	0	0
319	Rensselaer Polytechnic Institute	1	0	0	0	0	0	0	0	0	1
320	U. TX Tyler	1	0	0	1	0	0	0	0	0	0
	A.T. Still U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	Abilene Christian U.	0	0	0	0	0	0	0	0	0	0
	Air Force Institute of Technology	0	0	0	0	0	0	0	0	0	0
	AL State U.	0	0	0	0	0	0	0	0	0	0
	Albany C. of Pharmacy	0	0	0	0	0	0	0	0	0	0
	Albany Medical C.	0	0	0	0	0	0	0	0	0	0
	Albany State U.	0	0	0	0	0	0	0	0	0	0
	Alfred U. all campuses	0	0	0	0	0	0	0	0	0	0
	American U.	0	0	0	0	0	0	0	0	0	0
	Amherst C.	0	0	0	0	0	0	0	0	0	0
	Augsburg C.	0	0	0	0	0	0	0	0	0	0
	Augustana C. (Rock Island, IL)	0	0	0	0	0	0	0	0	0	0
	Barnard C.	0	0	0	0	0	0	0	0	0	0
	Bates C.	0	0	0	0	0	0	0	0	0	0
	Benedict C.	0	0	0	0	0	0	0	0	0	0
	Berry C.	0	0	0	0	0	0	0	0	0	0
	Bluefield State C.	0	0	0	0	0	0	0	0	0	0
	Boston U.	0	0	0	0	0	0	0	0	0	0
	Bowie State U.	0	0	0	0	0	0	0	0	0	0
	Bradley U.	0	0	0	0	0	0	0	0	0	0
	Brandeis U.	0	0	0	0	0	0	0	0	0	0
	Bridgewater State C.	0	0	0	0	0	0	0	0	0	0
	Brown U.	0	0	0	0	0	0	0	0	0	0
	Bucknell U.	0	0	0	0	0	0	0	0	0	0
	CA State U. Bakersfield	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
	CA State U. Fullerton	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
	CA State U. Los Angeles	0	0	0	0	0	0	0	0	0	0
	CA State U. Northridge	0	0	0	0	0	0	0	0	0	0
	Calvin C.	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Canisius C.	0	0	0	0	0	0	0	0	0	0
	Carlos Albizu U. (San Juan, PR)	0	0	0	0	0	0	0	0	0	0
	Carnegie Mellon U.	0	0	0	0	0	0	0	0	0	0
	Catholic U. America, The	0	0	0	0	0	0	0	0	0	0
	Central CT State U.	0	0	0	0	0	0	0	0	0	0
	Central State U.	0	0	0	0	0	0	0	0	0	0
	Central WA U.	0	0	0	0	0	0	0	0	0	0
	Charles R. Drew U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Chicago State U.	0	0	0	0	0	0	0	0	0	0
	Clafin U.	0	0	0	0	0	0	0	0	0	0
	Claremont Graduate U.	0	0	0	0	0	0	0	0	0	0
	Coastal Carolina U.	0	0	0	0	0	0	0	0	0	0
	Colby C.	0	0	0	0	0	0	0	0	0	0
	Colgate U.	0	0	0	0	0	0	0	0	0	0
	C. NJ, The	0	0	0	0	0	0	0	0	0	0
	C. of the Holy Cross	0	0	0	0	0	0	0	0	0	0
	CO State U. Pueblo	0	0	0	0	0	0	0	0	0	0
	Columbia U. in the City of NY	0	0	0	0	0	0	0	0	0	0
	CT C.	0	0	0	0	0	0	0	0	0	0
	CUNY Brooklyn C.	0	0	0	0	0	0	0	0	0	0
	CUNY C. Staten Island	0	0	0	0	0	0	0	0	0	0
	CUNY Graduate Ctr.	0	0	0	0	0	0	0	0	0	0
	CUNY Hunter C.	0	0	0	0	0	0	0	0	0	0
	CUNY John Jay C. of Criminal Justice	0	0	0	0	0	0	0	0	0	0
	CUNY Medgar Evers C.	0	0	0	0	0	0	0	0	0	0
	CUNY Queens C.	0	0	0	0	0	0	0	0	0	0
	CUNY York C.	0	0	0	0	0	0	0	0	0	0
	Davidson C.	0	0	0	0	0	0	0	0	0	0
	Denison U.	0	0	0	0	0	0	0	0	0	0
	Des Moines U.	0	0	0	0	0	0	0	0	0	0
	Dickinson C.	0	0	0	0	0	0	0	0	0	0
	Eastern WA U.	0	0	0	0	0	0	0	0	0	0
	Evergreen State C.	0	0	0	0	0	0	0	0	0	0
	Fairfield U.	0	0	0	0	0	0	0	0	0	0
	Fayetteville State U.	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Fisk U.	0	0	0	0	0	0	0	0	0	0
	Fitchburg State C.	0	0	0	0	0	0	0	0	0	0
	FL Atlantic U.	0	0	0	0	0	0	0	0	0	0
	FL Institute of Technology	0	0	0	0	0	0	0	0	0	0
	FL International U.	0	0	0	0	0	0	0	0	0	0
	Ft. Lewis C.	0	0	0	0	0	0	0	0	0	0
	Franklin & Marshall C.	0	0	0	0	0	0	0	0	0	0
	Fuller Theological Seminary CA	0	0	0	0	0	0	0	0	0	0
	Gallaudet U.	0	0	0	0	0	0	0	0	0	0
	Gettysburg C.	0	0	0	0	0	0	0	0	0	0
	Governors State U.	0	0	0	0	0	0	0	0	0	0
	Grinnell C.	0	0	0	0	0	0	0	0	0	0
	Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0
	Hamilton C. (Clinton, NY)	0	0	0	0	0	0	0	0	0	0
	Hampshire C.	0	0	0	0	0	0	0	0	0	0
	Hampton U.	0	0	0	0	0	0	0	0	0	0
	Harvey Mudd C.	0	0	0	0	0	0	0	0	0	0
	Hendrix C.	0	0	0	0	0	0	0	0	0	0
	Heritage U. (Toppenish, WA)	0	0	0	0	0	0	0	0	0	0
	Hofstra U.	0	0	0	0	0	0	0	0	0	0
	Hope C.	0	0	0	0	0	0	0	0	0	0
	IL Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	Indiana U. PA all campuses	0	0	0	0	0	0	0	0	0	0
	Jacksonville U.	0	0	0	0	0	0	0	0	0	0
	Jarvis Christian C.	0	0	0	0	0	0	0	0	0	0
	John Carroll U.	0	0	0	0	0	0	0	0	0	0
	Johnson C. Smith U.	0	0	0	0	0	0	0	0	0	0
	Juniata C.	0	0	0	0	0	0	0	0	0	0
	Kalamazoo C.	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
	KS State U.	0	0	0	0	0	0	0	0	0	0
	Kennesaw State U.	0	0	0	0	0	0	0	0	0	0
	Kettering U.	0	0	0	0	0	0	0	0	0	0
	King's C. (Wilkes-Barre, PA)	0	0	0	0	0	0	0	0	0	0
	La Salle U.	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Lake Forest C.	0	0	0	0	0	0	0	0	0	0
	Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0
	Lawrence U.	0	0	0	0	0	0	0	0	0	0
	Lincoln U. (Lincoln University, PA)	0	0	0	0	0	0	0	0	0	0
	Loma Linda U.	0	0	0	0	0	0	0	0	0	0
	Long Island U. all campuses	0	0	0	0	0	0	0	0	0	0
	Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0
	Loyola U. Chicago	0	0	0	0	0	0	0	0	0	0
	Macalester C.	0	0	0	0	0	0	0	0	0	0
	Maharishi U. of Management	0	0	0	0	0	0	0	0	0	0
	Manhattan C.	0	0	0	0	0	0	0	0	0	0
	MA Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Mayville State U.	0	0	0	0	0	0	0	0	0	0
	McNeese State U.	0	0	0	0	0	0	0	0	0	0
	Medical C. GA	0	0	0	0	0	0	0	0	0	0
	Medical C. WI	0	0	0	0	0	0	0	0	0	0
	Meharry Medical C.	0	0	0	0	0	0	0	0	0	0
	Mercer U. all campuses	0	0	0	0	0	0	0	0	0	0
	Mercy C.	0	0	0	0	0	0	0	0	0	0
	Mercyhurst C.	0	0	0	0	0	0	0	0	0	0
	Midwestern U. (Chicago, IL)	0	0	0	0	0	0	0	0	0	0
	Millsaps C.	0	0	0	0	0	0	0	0	0	0
	MN State U. Mankato	0	0	0	0	0	0	0	0	0	0
	MS Valley State U.	0	0	0	0	0	0	0	0	0	0
	Monmouth U.	0	0	0	0	0	0	0	0	0	0
	MT State U. Billings	0	0	0	0	0	0	0	0	0	0
	Morehead State U.	0	0	0	0	0	0	0	0	0	0
	Morehouse C.	0	0	0	0	0	0	0	0	0	0
	Morehouse School of Medicine	0	0	0	0	0	0	0	0	0	0
	Morgan State U.	0	0	0	0	0	0	0	0	0	0
	Mt. Holyoke C.	0	0	0	0	0	0	0	0	0	0
	Mt. St. Mary's C. (Los Angeles, CA)	0	0	0	0	0	0	0	0	0	0
	Muhlenberg C.	0	0	0	0	0	0	0	0	0	0
	National U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
	Naval Postgraduate School	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

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	NM Highlands U.	0	0	0	0	0	0	0	0	0	0
	New School, The	0	0	0	0	0	0	0	0	0	0
	NY Institute of Technology all campuses	0	0	0	0	0	0	0	0	0	0
	NY Medical C.	0	0	0	0	0	0	0	0	0	0
	Norfolk State U.	0	0	0	0	0	0	0	0	0	0
	NC Central U.	0	0	0	0	0	0	0	0	0	0
	Northeastern IL U.	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
	Northeastern State U.	0	0	0	0	0	0	0	0	0	0
	Northeastern U.	0	0	0	0	0	0	0	0	0	0
	Northern KY U.	0	0	0	0	0	0	0	0	0	0
	Northwestern Health Sciences U.	0	0	0	0	0	0	0	0	0	0
	Northwestern State U.	0	0	0	0	0	0	0	0	0	0
	Nova Southeastern U.	0	0	0	0	0	0	0	0	0	0
	Oakland U.	0	0	0	0	0	0	0	0	0	0
	Oberlin C.	0	0	0	0	0	0	0	0	0	0
	OH Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	OR Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Pace U. all campuses	0	0	0	0	0	0	0	0	0	0
	PA C. of Optometry	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
	Philadelphia U.	0	0	0	0	0	0	0	0	0	0
	Pittsburg State U.	0	0	0	0	0	0	0	0	0	0
	Pitzer C.	0	0	0	0	0	0	0	0	0	0
	Point Loma Nazarene C.	0	0	0	0	0	0	0	0	0	0
	Polytechnic U.	0	0	0	0	0	0	0	0	0	0
	Pomona C.	0	0	0	0	0	0	0	0	0	0
	Ponce School of Medicine	0	0	0	0	0	0	0	0	0	0
	Princeton U.	0	0	0	0	0	0	0	0	0	0
	Providence C.	0	0	0	0	0	0	0	0	0	0
	Radford U.	0	0	0	0	0	0	0	0	0	0
	Reed C.	0	0	0	0	0	0	0	0	0	0
	Rhodes C.	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Rider U.	0	0	0	0	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0	0	0	0	0
	Rockefeller U.	0	0	0	0	0	0	0	0	0	0
	Rosalind Franklin U. of Medicine and Science	0	0	0	0	0	0	0	0	0	0
	Rose-Hulman Institute of Technology	0	0	0	0	0	0	0	0	0	0
	Rowan U.	0	0	0	0	0	0	0	0	0	0
	Rush U.	0	0	0	0	0	0	0	0	0	0
	San Diego State U.	0	0	0	0	0	0	0	0	0	0
	San Francisco State U.	0	0	0	0	0	0	0	0	0	0
	San Jose State U.	0	0	0	0	0	0	0	0	0	0
	Sarah Lawrence C.	0	0	0	0	0	0	0	0	0	0
	Savannah State U.	0	0	0	0	0	0	0	0	0	0
	Scripps Research Institute, The	0	0	0	0	0	0	0	0	0	0
	Seton Hall U.	0	0	0	0	0	0	0	0	0	0
	Shaw U.	0	0	0	0	0	0	0	0	0	0
	Simmons C.	0	0	0	0	0	0	0	0	0	0
	Skidmore C.	0	0	0	0	0	0	0	0	0	0
	Smith C.	0	0	0	0	0	0	0	0	0	0
	Sonoma State U.	0	0	0	0	0	0	0	0	0	0
	Southeast MO State U.	0	0	0	0	0	0	0	0	0	0
	Southern U. and A&M C. all campuses	0	0	0	0	0	0	0	0	0	0
	Southern U. New Orleans	0	0	0	0	0	0	0	0	0	0
	Southwest MO State U.	0	0	0	0	0	0	0	0	0	0
	St. Francis U. (Loretto, PA)	0	0	0	0	0	0	0	0	0	0
	St. John's U. (Jamaica, NY)	0	0	0	0	0	0	0	0	0	0
	St. Mary's C. MD	0	0	0	0	0	0	0	0	0	0
	St. Mary's U. (San Antonio, TX)	0	0	0	0	0	0	0	0	0	0
	St. Olaf C.	0	0	0	0	0	0	0	0	0	0
	Stanford U.	0	0	0	0	0	0	0	0	0	0
	Stevens Institute of Technology	0	0	0	0	0	0	0	0	0	0
	SUNY C. of Optometry	0	0	0	0	0	0	0	0	0	0
	SUNY C. Old Westbury	0	0	0	0	0	0	0	0	0	0
	SUNY C. Oswego	0	0	0	0	0	0	0	0	0	0
	SUNY Fredonia	0	0	0	0	0	0	0	0	0	0
	SUNY Health Science Ctr. Brooklyn	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Swarthmore C.	0	0	0	0	0	0	0	0	0	0
	Teachers C. Columbia U.	0	0	0	0	0	0	0	0	0	0
	TX A&M U. Commerce	0	0	0	0	0	0	0	0	0	0
	TX Christian U.	0	0	0	0	0	0	0	0	0	0
	TX Southern U.	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
	TX Tech U. Health Science Ctr.	0	0	0	0	0	0	0	0	0	0
	Tougaloo C.	0	0	0	0	0	0	0	0	0	0
	Trinity C. (Hartford, CT)	0	0	0	0	0	0	0	0	0	0
	Trinity U.	0	0	0	0	0	0	0	0	0	0
	Troy U. main campus	0	0	0	0	0	0	0	0	0	0
	Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
	Union C. (Schenectady, NY)	0	0	0	0	0	0	0	0	0	0
	U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
	U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
	U.S. Naval Academy	0	0	0	0	0	0	0	0	0	0
	Universidad Central del Caribe	0	0	0	0	0	0	0	0	0	0
	Universidad del Este	0	0	0	0	0	0	0	0	0	0
	Universidad del Turabo	0	0	0	0	0	0	0	0	0	0
	Universidad Metropolitana	0	0	0	0	0	0	0	0	0	0
	U. Baltimore	0	0	0	0	0	0	0	0	0	0
	U. CA Office of the President	0	0	0	0	0	0	0	0	0	0
	U. CA, Merced	0	0	0	0	0	0	0	0	0	0
	U. Central OK	0	0	0	0	0	0	0	0	0	0
	U. Chicago	0	0	0	0	0	0	0	0	0	0
	U. Detroit Mercy	0	0	0	0	0	0	0	0	0	0
	U. Hartford	0	0	0	0	0	0	0	0	0	0
	U. Houston	0	0	0	0	0	0	0	0	0	0
	U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0
	U. IL Springfield	0	0	0	0	0	0	0	0	0	0
	U. IA	0	0	0	0	0	0	0	0	0	0
	U. MD Baltimore	0	0	0	0	0	0	0	0	0	0
	U. MA Boston	0	0	0	0	0	0	0	0	0	0
	U. MA Lowell	0	0	0	0	0	0	0	0	0	0
	U. MA Worcester	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	U. MO-Kansas City	0	0	0	0	0	0	0	0	0	0
	U. New England	0	0	0	0	0	0	0	0	0	0
	U. NC Chapel Hill	0	0	0	0	0	0	0	0	0	0
	U. NC Greensboro	0	0	0	0	0	0	0	0	0	0
	U. NC Pembroke	0	0	0	0	0	0	0	0	0	0
	U. North FL	0	0	0	0	0	0	0	0	0	0
	U. North TX	0	0	0	0	0	0	0	0	0	0
	U. Portland	0	0	0	0	0	0	0	0	0	0
	U. PR Humacao	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
	U. PR Rio Piedras Campus	0	0	0	0	0	0	0	0	0	0
	U. Puget Sound	0	0	0	0	0	0	0	0	0	0
	U. Redlands	0	0	0	0	0	0	0	0	0	0
	U. Rochester	0	0	0	0	0	0	0	0	0	0
	U. San Diego	0	0	0	0	0	0	0	0	0	0
	U. San Francisco	0	0	0	0	0	0	0	0	0	0
	U. Scranton	0	0	0	0	0	0	0	0	0	0
	U. South AL	0	0	0	0	0	0	0	0	0	0
	U. TX El Paso	0	0	0	0	0	0	0	0	0	0
	U. TX Health Science Ctr. San Antonio	0	0	0	0	0	0	0	0	0	0
	U. TX M. D. Anderson Cancer Ctr.	0	0	0	0	0	0	0	0	0	0
	U. of the Pacific	0	0	0	0	0	0	0	0	0	0
	U. of the Sciences Philadelphia	0	0	0	0	0	0	0	0	0	0
	U. of the South	0	0	0	0	0	0	0	0	0	0
	U. VA all campuses	0	0	0	0	0	0	0	0	0	0
	U. WI Eau Claire	0	0	0	0	0	0	0	0	0	0
	U. WI Parkside	0	0	0	0	0	0	0	0	0	0
	U. WI Platteville	0	0	0	0	0	0	0	0	0	0
	U. WI Stout	0	0	0	0	0	0	0	0	0	0
	U. WI Whitewater	0	0	0	0	0	0	0	0	0	0
	Ursinus C.	0	0	0	0	0	0	0	0	0	0
	Vassar C.	0	0	0	0	0	0	0	0	0	0
	Wake Forest U.	0	0	0	0	0	0	0	0	0	0
	Washington and Lee U.	0	0	0	0	0	0	0	0	0	0
	Wellesley C.	0	0	0	0	0	0	0	0	0	0

TABLE 81. Federally financed R&D expenditures at universities and colleges, financed by the U.S. Department of Agriculture, ranked by USDA R&D expenditures, by science and engineering field: FY 2006
(Dollars in thousands)

Rank	Institution	USDA R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	Wesleyan U.	0	0	0	0	0	0	0	0	0	0
	West Chester U. PA	0	0	0	0	0	0	0	0	0	0
	West Liberty State C.	0	0	0	0	0	0	0	0	0	0
	WV School of Osteopathic Medicine	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
	Whitman C.	0	0	0	0	0	0	0	0	0	0
	Wichita State U.	0	0	0	0	0	0	0	0	0	0
	Willamette U.	0	0	0	0	0	0	0	0	0	0
	Williams C.	0	0	0	0	0	0	0	0	0	0
	Woods Hole Oceanographic Institution	0	0	0	0	0	0	0	0	0	0
	Worcester Polytechnic Institute	0	0	0	0	0	0	0	0	0	0
	Wright State U. all campuses	0	0	0	0	0	0	0	0	0	0
	Xavier U. LA	0	0	0	0	0	0	0	0	0	0
	Yeshiva U.	0	0	0	0	0	0	0	0	0	0
	Youngstown State U.	0	0	0	0	0	0	0	0	0	0

nec = not elsewhere classified.

USDA = U.S. Department of Agriculture.

^a Data represent the federally funded expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$672 million in total federally funded R&D expenditures, APL did not report federal agency details.

NOTES: Institutions not listed in this table did not provide federally financed R&D expenditures by federal agency; institutions that reported amounts of zero or more are included. Detail may not add to all-institution total because some respondents reporting federal agency data did not break out these data by field of science. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 82. Current fund expenditures for research equipment at universities and colleges, by science and engineering field and source of funds: FY 2005–06

(Dollars in thousands)

Field	All expenditures		Federal		Nonfederal	
	2005	2006	2005	2006	2005	2006
All science and engineering	1,875,656	1,839,395	1,175,188	1,083,062	700,468	756,333
Science	1,437,291	1,400,706	922,629	832,975	514,662	567,731
Computer sciences	72,254	69,320	56,978	51,079	15,276	18,241
Environmental sciences	122,002	143,629	93,484	90,162	28,518	53,467
Atmospheric sciences	25,104	54,499	21,817	30,360	3,287	24,139
Earth sciences	44,266	34,432	29,903	21,891	14,363	12,541
Oceanography	39,912	44,722	31,541	30,165	8,371	14,557
Environmental sciences, nec	12,720	9,976	10,223	7,746	2,497	2,230
Life sciences	824,691	754,749	509,100	425,677	315,591	329,072
Agricultural sciences	71,862	74,602	30,552	27,186	41,310	47,416
Biological sciences	325,669	300,226	203,925	179,485	121,744	120,741
Medical sciences	377,671	342,938	250,877	197,466	126,794	145,472
Life sciences, nec	49,489	36,983	23,746	21,540	25,743	15,443
Mathematical sciences	8,997	8,587	6,767	5,850	2,230	2,737
Physical sciences	324,331	328,076	226,605	221,297	97,726	106,779
Astronomy	22,689	20,275	17,564	16,628	5,125	3,647
Chemistry	111,959	120,667	80,462	79,323	31,497	41,344
Physics	159,585	152,642	116,793	111,492	42,792	41,150
Physical sciences, nec	30,098	34,492	11,786	13,854	18,312	20,638
Psychology	14,921	18,212	9,412	12,496	5,509	5,716
Social sciences	17,544	11,963	6,826	4,685	10,718	7,278
Economics	2,131	1,572	895	579	1,236	993
Political sciences	1,645	1,047	935	566	710	481
Sociology	2,553	2,376	1,006	694	1,547	1,682
Social sciences, nec	11,215	6,968	3,990	2,846	7,225	4,122
Sciences, nec	52,551	66,170	13,457	21,729	39,094	44,441
Engineering	438,365	438,689	252,559	250,087	185,806	188,602
Aeronautical/astronautical engineering	19,500	18,799	13,030	11,211	6,470	7,588
Bioengineering/biomedical engineering	29,285	25,007	12,751	11,545	16,534	13,462
Chemical engineering	37,095	37,756	20,015	21,576	17,080	16,180
Civil engineering	28,804	26,905	16,859	12,528	11,945	14,377
Electrical engineering	90,823	93,974	60,540	62,605	30,283	31,369
Mechanical engineering	76,198	83,608	53,128	65,051	23,070	18,557
Metallurgical/materials engineering	50,872	54,507	33,628	31,694	17,244	22,813
Engineering, nec	105,788	98,133	42,608	33,877	63,180	64,256

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 83. Current fund expenditures for research equipment at universities and colleges, by science and engineering field, source of funds, and institutional control: FY 2006

(Dollars in thousands)

Field	All expenditures			Federal			Nonfederal		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
All science and engineering	1,839,395	1,289,705	549,690	1,083,062	697,529	385,533	756,333	592,176	164,157
Science	1,400,706	979,471	421,235	832,975	540,302	292,673	567,731	439,169	128,562
Computer sciences	69,320	37,702	31,618	51,079	23,373	27,706	18,241	14,329	3,912
Environmental sciences	143,629	125,685	17,944	90,162	75,610	14,552	53,467	50,075	3,392
Atmospheric sciences	54,499	50,558	3,941	30,360	26,748	3,612	24,139	23,810	329
Earth sciences	34,432	28,071	6,361	21,891	16,879	5,012	12,541	11,192	1,349
Oceanography	44,722	39,441	5,281	30,165	26,071	4,094	14,557	13,370	1,187
Environmental sciences, nec	9,976	7,615	2,361	7,746	5,912	1,834	2,230	1,703	527
Life sciences	754,749	521,338	233,411	425,677	274,831	150,846	329,072	246,507	82,565
Agricultural sciences	74,602	73,430	1,172	27,186	26,414	772	47,416	47,016	400
Biological sciences	300,226	187,520	112,706	179,485	108,414	71,071	120,741	79,106	41,635
Medical sciences	342,938	229,767	113,171	197,466	121,954	75,512	145,472	107,813	37,659
Life sciences, nec	36,983	30,621	6,362	21,540	18,049	3,491	15,443	12,572	2,871
Mathematical sciences	8,587	4,634	3,953	5,850	2,932	2,918	2,737	1,702	1,035
Physical sciences	328,076	229,345	98,731	221,297	135,813	85,484	106,779	93,532	13,247
Astronomy	20,275	8,498	11,777	16,628	5,397	11,231	3,647	3,101	546
Chemistry	120,667	92,736	27,931	79,323	57,581	21,742	41,344	35,155	6,189
Physics	152,642	102,656	49,986	111,492	66,898	44,594	41,150	35,758	5,392
Physical sciences, nec	34,492	25,455	9,037	13,854	5,937	7,917	20,638	19,518	1,120
Psychology	18,212	14,181	4,031	12,496	9,570	2,926	5,716	4,611	1,105
Social sciences	11,963	9,559	2,404	4,685	3,268	1,417	7,278	6,291	987
Economics	1,572	1,200	372	579	371	208	993	829	164
Political sciences	1,047	705	342	566	314	252	481	391	90
Sociology	2,376	2,030	346	694	603	91	1,682	1,427	255
Social sciences, nec	6,968	5,624	1,344	2,846	1,980	866	4,122	3,644	478
Sciences, nec	66,170	37,027	29,143	21,729	14,905	6,824	44,441	22,122	22,319
Engineering	438,689	310,234	128,455	250,087	157,227	92,860	188,602	153,007	35,595
Aeronautical/astronautical engineering	18,799	13,741	5,058	11,211	8,093	3,118	7,588	5,648	1,940
Bioengineering/biomedical engineering	25,007	13,534	11,473	11,545	5,505	6,040	13,462	8,029	5,433
Chemical engineering	37,756	28,929	8,827	21,576	15,687	5,889	16,180	13,242	2,938
Civil engineering	26,905	22,348	4,557	12,528	8,773	3,755	14,377	13,575	802
Electrical engineering	93,974	73,652	20,322	62,605	47,734	14,871	31,369	25,918	5,451
Mechanical engineering	83,608	38,783	44,825	65,051	25,569	39,482	18,557	13,214	5,343
Metallurgical/materials engineering	54,507	40,594	13,913	31,694	23,011	8,683	22,813	17,583	5,230
Engineering, nec	98,133	78,653	19,480	33,877	22,855	11,022	64,256	55,798	8,458

nec = not elsewhere classified.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 84. Total and federally financed current fund expenditures for research equipment at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	1,817,350	1,890,666	1,875,656	1,839,395	1,150,776	1,172,613	1,175,188	1,083,062
1	SUNY Albany	17,172	44,522	53,976	57,697	2,443	5,748	5,420	3,763
2	Johns Hopkins U., The ^a	40,784	57,470	47,970	50,214	16,462	26,745	18,922	20,164
3	U. WA	34,880	29,930	30,130	44,695	29,645	26,675	26,271	22,109
4	U. WI Madison	33,435	37,725	42,063	41,345	19,364	21,526	29,812	28,881
5	U. Rochester	14,566	15,166	32,061	38,353	13,520	13,378	28,609	35,238
6	MA Institute of Technology	41,227	38,908	30,237	30,486	31,909	32,639	22,704	22,532
7	U. CA, San Diego	43,521	60,566	29,637	29,842	33,139	51,459	22,736	22,516
8	U. PR Medical Sciences Campus	29,089 i	29,089 i	29,089	29,089 i	23,931 i	23,931 i	23,931	23,931 i
9	U. FL	23,295	21,143	21,299	27,014	9,280	9,101	7,359	12,323
10	Purdue U. all campuses	23,502	40,877	37,502	26,413	5,586	11,192	9,585	9,394
11	OH State U. all campuses	16,362	25,977	17,481	26,131	7,295	9,848	6,127	7,744
12	IN U. all campuses	19,311	31,634	20,789	25,920	8,470	7,064	5,310	5,083
13	PA State U. all campuses	24,598	26,548	30,150	24,316	11,821	16,167	20,024	13,831
14	Cornell U. all campuses	22,010	22,983	20,844	21,604	14,868	18,761	17,040	18,525
15	U. IL Urbana-Champaign	46,975	28,346	35,326	20,774	36,984	22,294	29,335	10,051
16	TX A&M U. all campuses	10,613	20,720	18,563	20,508	4,820	6,781	9,898	8,779
17	U. CA, Los Angeles	38,832	37,497	26,831	20,338	23,548	25,698	16,091	11,374
18	Carnegie Mellon U.	13,507	10,880	7,577	19,794	10,908	8,183	6,252	18,050
19	U. MI all campuses	23,213	18,490	15,729	19,202	12,823	10,932	9,236	8,197
20	Stanford U.	27,671	19,196	18,230	18,892	24,482	16,666	16,029	15,999
21	U. CA, Davis	20,854	21,839	23,213	18,884	8,309	9,088	7,925	8,255
22	Case Western Reserve U.	13,890	12,333	7,871	18,600	9,265	5,673	5,293	10,740
23	Washington U. St. Louis	35,265	22,420	27,333	18,345	32,281	20,019	24,750	14,937
24	VA Polytechnic Institute and State U.	10,057	17,204	15,864	18,114	4,125	4,497	4,140	3,795
25	U. CA, Berkeley	21,731	18,931	16,896	17,862	14,682	12,749	11,880	11,873
26	Baylor C. of Medicine	22,368	24,360	14,448	17,608	12,300	17,797	3,960	5,916
27	U. Chicago	11,682	17,989	15,664	16,707	10,468	17,319	14,453	14,103
28	LA State U. all campuses	19,943	20,194	18,274	16,284	5,947	6,370	5,626	6,538
29	CA Institute of Technology	30,830	24,347	19,722	16,161	19,164	14,014	18,889	15,082
30	U. MN all campuses	14,473	17,320	14,639	15,669	9,140	10,542	7,940	7,512
31	U. CA, San Francisco	20,232	18,290	12,969	15,191	10,775	10,282	6,815	6,930
32	U. MS all campuses	8,623	5,212	12,746	15,084	7,464	4,173	12,051	14,047
33	U. TX Austin	11,840	9,788	13,626	14,614	7,476	6,603	7,481	9,539
34	Harvard U.	11,470	15,589	13,771	14,421	10,658	14,731	12,920	12,599
35	Northwestern U.	12,562	12,257	15,593	14,355	6,204	5,716	6,483	5,230
36	U. PA	12,680	11,873	11,990	14,087	9,268	8,397	7,197	11,265
37	U. South FL	8,851	4,871	8,134	13,989	7,321	2,575	6,363	7,111
38	U. CO all campuses	12,014	13,463	15,537	13,936	10,765	11,601	14,668	13,736
39	MS State U.	7,241	14,727	9,660	13,577	3,379	7,052	3,805	7,743
40	KS State U.	4,532	4,837	7,083	13,188	2,914	2,707	5,015	10,062
41	Vanderbilt U.	13,401	12,365	12,859	12,904	6,350	9,423	8,856	10,271
42	U. KY all campuses	12,683	11,776	10,670	12,841	5,430	3,742	4,098	3,798
43	U. TX Southwestern Medical Ctr. Dallas	10,466	10,560	12,633	12,763	5,794	5,099	6,088	3,383
44	FL State U.	10,912	11,796	8,036	12,646	7,045	8,275	5,049	8,609
45	Columbia U. in the City of NY	12,351	13,045	30,116	12,560	9,743	11,187	23,847	10,883

TABLE 84. Total and federally financed current fund expenditures for research equipment at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
46	U. Pittsburgh all campuses	10,167	10,435	9,366	12,547	7,892	8,733	5,095	5,554
47	U. CA, Irvine	13,442	12,857	9,879	12,397	7,800	7,955	7,128	6,551
48	U. Miami	13,175	11,790	10,666	12,040	10,465	8,929	8,193	5,885
49	U. GA	13,662	11,095	10,861	11,500	7,304	3,068	3,703	2,508
50	SUNY Stony Brook all campuses	8,297	8,160	16,033	11,456	4,542	5,607	14,019	3,926
51	GA Institute of Technology all campuses	16,516	16,399	13,511	11,440	3,716	4,707	5,962	6,714
52	Yale U.	12,251	12,137	10,712	11,411	10,288	10,636	9,107	9,316
53	U. TX M. D. Anderson Cancer Ctr.	6,422	9,479	7,403	11,329	878	1,481	1,946	2,310
54	U. AZ	12,212	14,145	13,291	11,233	6,861	8,766	6,510	5,621
55	U. Central FL	5,786	16,650	7,875	10,956	3,486	10,332	3,577	3,677
56	AZ State U. main campus	7,457	6,173	7,660	10,953	4,181	3,475	4,159	5,644
57	U. CA, Santa Barbara	15,022	11,437	13,035	10,616	9,762	6,824	10,086	6,387
58	U. UT	13,285	11,183	9,818	10,125	8,671	7,476	4,691	5,052
59	MI State U.	12,892	10,486	9,287	9,398	4,785	4,880	4,426	4,074
60	Duke U.	11,062	10,905	9,562	9,105	9,868	7,937	7,134	6,501
61	Boston U.	9,071	7,629	6,361	9,103	8,496	7,405	6,012	8,328
62	U. MD College Park	9,844	8,334	9,148	8,919	6,280	4,630	5,938	5,653
63	Rutgers, The State U. NJ all campuses	11,679	8,922	7,559	8,653	6,654	4,888	3,939	5,258
64	Emory U.	12,999	7,636	5,870	8,608	5,815	3,685	4,590	3,034
65	U. SC all campuses	7,644	6,185	3,852	8,380	5,260	3,617	2,042	4,100
66	NC State U.	7,786	7,689	7,411	8,375	3,965	4,242	3,553	3,890
67	U. Louisville	4,534	5,464	8,911	8,155	2,701	3,001	6,227	6,426
68	U. NV, Reno	5,950	5,635	7,658	8,036	5,617	4,004	5,018	6,762
69	U. NM all campuses	7,918	6,788	9,182	8,016	5,133	4,561	6,875	7,180
70	IA State U.	6,804	7,754	4,743	7,987	3,025	3,048	2,155	4,467
71	Brown U.	5,123	4,481	4,803	7,899	3,829	2,841	3,221	6,130
72	Dartmouth C.	4,895	5,946	2,902	7,812	4,743	5,396	2,455	5,336
73	U. NE all campuses	7,712	8,581	26,826	7,792	2,675	3,099	3,162	3,726
74	San Diego State U.	2,152	2,710	6,525	7,677	890	1,150	1,226	581
75	NM State U. all campuses	5,004	6,552	5,890	7,562	3,753	3,735	5,115	3,787
76	U. Cincinnati all campuses	5,270	7,713	4,572	7,550	1,220	1,599	1,876	2,708
77	U. HI Manoa	14,966	8,371	11,855	7,418	12,485	5,612	8,512	5,304
78	Scripps Research Institute, The	NA	6,541 i	7,194	7,397	NA	3,474 i	4,002	5,392
79	Naval Postgraduate School	4,867	5,156 i	5,446	7,340	4,867	5,156 i	5,374	7,039
80	U. Southern CA	9,840	7,060	6,783	7,271	7,073	5,167	4,857	5,392
81	U. VA all campuses	7,861	7,715	7,816	7,217	6,821	6,752	6,614	6,142
82	U. OK all campuses	6,470	6,857	8,823	7,165	3,331	4,849	6,171	4,713
83	U. IA	8,269	11,324	11,302	7,105	5,251	6,600	6,406	3,241
84	U. DE	9,558	8,521	8,236	7,077	4,927	5,057	4,457	3,593
85	U. IL Chicago	9,110	9,697	9,552	6,923	4,939	6,455	6,008	3,019
86	Air Force Institute of Technology	3,034	2,903	2,916	6,890	2,997	898	1,010	1,594
87	U. MO-Columbia	3,302	3,550	7,286	6,834	1,469	1,050	4,683	3,506
88	U. MA Amherst	8,562	5,874	5,711	6,704	5,796	4,146	3,496	3,712
89	U. NH	4,929	8,255	6,511	6,603	4,356	7,816	6,387	6,471

TABLE 84. Total and federally financed current fund expenditures for research equipment at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
90	U. AK Fairbanks all campuses	7,138	8,378	5,866	6,504	3,896	5,877	4,707	4,666
91	SUNY Buffalo all campuses	11,150	9,742	6,647	6,406	5,315	5,391	4,937	4,669
92	U. Dayton	3,187	4,988	5,210	6,372	2,710	4,068	3,604	1,919
93	U. Houston	1,356	1,888	4,740	6,272	922	1,065	765	1,652
94	NY U.	8,675	7,241	6,170	5,929	5,939	6,218	4,507	2,873
95	U. AR main campus	4,918	4,799	6,589	5,789	1,939	2,579	3,598	1,205
96	U. NC Chapel Hill	8,559	5,992	5,963	5,703	4,084	3,617	4,366	3,938
97	U. KS all campuses	10,431	6,823	6,214	5,679	8,893	6,131	5,484	4,746
98	OR Health & Science U.	7,904	7,248	5,687	5,545	7,031	6,289	4,582	4,624
99	Princeton U.	7,908	5,461	6,736	5,495	6,269	4,825	6,108	5,098
100	Medical C. WI	2,079	7,428	6,515	5,484	1,733	5,432	4,144	3,113
	All other sampled institutions	451,730	462,451	493,885	412,226	289,613	301,963	334,986	275,914

i = data point imputed.

NA = not available; institution was not surveyed separately.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$41 million in total current fund expenditures for research equipment.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 85. R&D expenditures at university-administered federally funded research and development centers, by character of work:
FY 1953–2006

(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
1953	121	33	27.3	88	72.7
1954	141	39	27.7	102	72.3
1955	180	49	27.2	131	72.8
1956	194	51	26.3	143	73.7
1957	240	65	27.1	175	72.9
1958	293	78	26.6	215	73.4
1959	338	92	27.2	246	72.8
1960	360	97	26.9	263	73.1
1961	410	115	28.0	295	72.0
1962	470	136	28.9	334	71.1
1963	530	159	30.0	371	70.0
1964	629	191	30.4	438	69.6
1965	629	208	33.1	421	66.9
1966	630	227	36.0	403	64.0
1967	673	250	37.1	423	62.9
1968	719	276	38.4	443	61.6
1969	725	275	37.9	450	62.1
1970	737	269	36.5	468	63.5
1971	716	260	36.3	456	63.7
1972	753	244	32.4	509	67.6
1973	817	296	36.2	521	63.8
1974	865	390	45.1	475	54.9
1975	987	439	44.5	548	55.5
1976	1,147	512	44.6	635	55.4
1977	1,384	600	43.4	784	56.6
1978	1,717	na	na	na	na
1979	1,935	1,022	52.8	913	47.2
1980	2,246	1,132	50.4	1,114	49.6
1981	2,486	1,270	51.1	1,216	48.9
1982	2,479	1,327	53.5	1,152	46.5
1983	2,737	1,484	54.2	1,253	45.8
1984	3,150	1,690	53.6	1,461	46.4
1985	3,523	1,765	50.1	1,758	49.9
1986	3,895	1,876	48.2	2,018	51.8
1987	4,206	2,033	48.3	2,173	51.7
1988	4,531	2,245	49.6	2,285	50.4
1989	4,730	2,352	49.7	2,377	50.3
1990	4,832	2,428	50.2	2,404	49.8
1991	5,078	2,595	51.1	2,484	48.9
1992	5,247	2,843	54.2	2,404	45.8
1993	5,295	2,938	55.5	2,357	44.5
1994	5,271	2,998	56.9	2,273	43.1
1995	5,363	2,742	51.1	2,622	48.9
1996	5,380	2,580	48.0	2,800	52.0
1997	5,440	2,683	49.3	2,757	50.7
1998	5,531	2,636	47.7	2,895	52.3
1999	5,644	2,732	48.4	2,912	51.6
2000	5,675	2,863	50.5	2,812	49.5

TABLE 85. R&D expenditures at university-administered federally funded research and development centers, by character of work: FY 1953–2006

(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2001	5,944	2,906	48.9	3,038	51.1
2002	7,069	3,698	52.3	3,371	47.7
2003	7,200	3,760	52.2	3,441	47.8
2004	7,603	3,706	48.7	3,898	51.3
2005	7,821	3,797	48.5	4,024	51.5
2006	7,784	3,866	49.7	3,918	50.3

na = not applicable; separate data for basic research and applied research and development were not collected for FY 1978.

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 86. R&D expenditures at nonprofit-administered federally funded research and development centers, by character of work: FY 2001–06

(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2001	2,165	899	41.5	1,266	58.5
2002	2,271	963	42.4	1,307	57.6
2003	2,463	1,027	41.7	1,437	58.3
2004	2,586	1,037	40.1	1,548	59.9
2005	2,817	1,170	41.5	1,647	58.5
2006	2,860	1,214	42.5	1,645	57.5

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 87. R&D expenditures at industry-administered federally funded research and development centers, by character of work:
FY 2001–06

(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2001	1,962	70	3.6	1,892	96.4
2002	2,197	83	3.8	2,114	96.2
2003	2,463	336	13.6	2,128	86.4
2004	2,443	188	7.7	2,255	92.3
2005	2,612	137	5.3	2,474	94.7
2006	2,569	131	5.1	2,438	94.9

NOTE: Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 88. R&D expenditures at all federally funded research and development centers, by source of funds and type of FFRDC: FY 2006
(Dollars in thousands)

Institution	All R&D expenditures	Federal government	State and local government	Industry	Institutional funds	All other sources
All FFRDCs	13,212,313	12,824,552	30,122	170,879	35,181	151,579
University-administered FFRDCs	7,783,953	7,600,335	14,804	42,053	977	125,784
Ames Lab.	26,460	26,460	0	0	0	0
Argonne National Lab.	472,961	423,867	3,499	0	0	45,595
AUI National Radio Astronomy Observatory	40,771	39,780	0	0	48	943
Fermi National Accelerator Lab.	330,980	330,980	0	0	0	0
Jet Propulsion Lab.	1,548,019	1,548,019	0	0	0	0
Lawrence Berkeley National Lab.	485,626	419,455	7,312	13,660	0	45,199
Lawrence Livermore National Lab.	1,431,019	1,401,931	2,529	1,027	0	25,532
Los Alamos National Lab. ^a	2,145,200	2,128,787	0	16,413	0	0
MA Institute of Technology Lincoln Lab.	622,993	618,011	286	2,660	0	2,036
National Astronomy and Ionosphere Ctr.	14,108	13,043	0	73	929	63
National Ctr. for Atmospheric Research	153,343	147,319	0	0	0	6,024
National Optical Astronomy Observatory	48,432	48,432	0	0	0	0
Plasma Physics Lab.	78,151	77,679	0	80	0	392
Software Engineering Institute	75,636	67,400	96	8,140	0	0
Stanford Linear Accelerator Ctr.	214,026	214,026	0	0	0	0
Thomas Jefferson National Accelerator Facility	96,228	95,146	1,082	0	0	0
Nonprofit-administered FFRDCs	2,859,751	2,729,011	7,693	63,230	34,022	25,795
Aerospace Corp.	34,200	14,700	0	1,400	15,900	2,200
Arroyo Ctr.	24,518	24,518	0	0	0	0
Brookhaven National Lab.	490,686	461,747	0	18,799	0	10,140
C3I Federally Funded R&D Ctr.	37,073	37,073	0	0	0	0
Ctr. for Advanced Aviation System Development	6,601	6,601	0	0	0	0
Ctr. for Naval Analyses	87,499	80,474	2,767	0	4,258	0
Ctr. for Nuclear Waste Regulatory Analyses	16,397	15,842	106	216	219	14
Homeland Security Institute	20,521	20,521	0	0	0	0
Institute for Defense Analyses Communication and Computing	51,500	51,500	0	0	0	0
Institute for Defense Analyses Studies and Analyses	130,400	130,400	0	0	0	0
Internal Revenue Service FFRDC	6,342	6,342	0	0	0	0
National Defense Research Institute	34,203	34,203	0	0	0	0
National Renewable Energy Research Lab.	196,449	189,167	0	7,282	0	0
Oak Ridge National Lab.	928,090	889,530	834	18,418	13,645	5,663
Pacific Northwest National Lab.	749,365	720,486	3,986	17,115	0	7,778
Project Air Force	39,107	39,107	0	0	0	0
Science and Technology Policy Institute, The	6,800	6,800	0	0	0	0
Industry-administered FFRDCs	2,568,609	2,495,206	7,625	65,596	182	0
ID National Lab.	163,074	153,041	241	9,610	182	0
NCI Frederick Cancer R&D Ctr.	334,500	334,500	0	0	0	0
Sandia National Lab.	1,968,488	1,905,118	7,384	55,986	0	0
Savannah River Technology Ctr.	102,547	102,547	0	0	0	0

FFRDC = federally funded research and development center.

^a On 1 June 2006 Los Alamos National Laboratory acquired a new industrial firm administrator.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 89. Total and federally financed R&D expenditures at university-administered federally funded research and development centers, ranked by FY 2006 total: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	7,200,056	7,603,240	7,821,054	7,783,953	6,948,179	7,448,412	7,660,415	7,600,335
1	Los Alamos National Lab. ^a	2,106,145	1,986,235	2,101,211	2,145,200	1,990,573	1,973,000	2,086,116	2,128,787
2	Jet Propulsion Lab.	1,390,560	1,551,171	1,606,409	1,548,019	1,390,560	1,551,171	1,606,409	1,548,019
3	Lawrence Livermore National Lab.	1,286,215	1,425,840	1,456,368	1,431,019	1,258,505	1,405,250	1,435,094	1,401,931
4	MA Institute of Technology Lincoln Lab.	522,851	594,822	627,201	622,993	516,112	589,022	622,794	618,011
5	Lawrence Berkeley National Lab.	441,500	482,159	482,672	485,626	381,264	421,712	425,090	419,455
6	Argonne National Lab.	500,828	520,881	482,051	472,961	466,340	473,824	431,591	423,867
7	Fermi National Accelerator Lab.	303,340	318,435	323,153	330,980	303,041	318,395	323,153	330,980
8	Stanford Linear Accelerator Ctr.	164,747	206,402	205,690	214,026	164,747	206,402	205,690	214,026
9	National Ctr. for Atmospheric Research	140,756	154,714	135,893	153,343	137,993	151,326	130,662	147,319
10	Thomas Jefferson National Accelerator Facility	106,966	104,659	113,349	96,228	106,319	104,017	112,597	95,146
11	Plasma Physics Lab.	66,764	75,255	81,803	78,151	66,345	74,637	81,205	77,679
12	Software Engineering Institute	45,412	57,920	62,262	75,636	43,470	56,387	59,453	67,400
13	National Optical Astronomy Observatory	44,409	43,020	47,845	48,432	44,409	43,020	47,845	48,432
14	AUI National Radio Astronomy Observatory	42,842	42,215	52,023	40,771	42,644	41,874	51,166	39,780
15	Ames Lab.	25,213	27,227	29,293	26,460	25,213	27,227	29,293	26,460
16	National Astronomy and Ionosphere Ctr.	11,508	12,285	13,831	14,108	10,644	11,148	12,257	13,043

^a On 1 June 2006 Los Alamos National Laboratory acquired a new industrial firm administrator.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 90. Total and federally financed R&D expenditures at nonprofit-administered federally funded research and development centers, ranked by FY 2006 total: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	2,463,386	2,585,764	2,816,764	2,859,751	2,327,555	2,490,098	2,712,440	2,729,011
1	Oak Ridge National Lab.	690,538	776,203	897,252	928,090	664,210	750,209	870,103	889,530
2	Pacific Northwest National Lab.	679,000	692,370	779,522	749,365	615,000	668,609	756,448	720,486
3	Brookhaven National Lab.	452,728	450,342	483,039	490,686	436,969	432,180	464,439	461,747
4	National Renewable Energy Research Lab.	221,496	226,460	211,323	196,449	219,015	222,977	206,419	189,167
5	Institute for Defense Analyses Studies and Analyses	110,200	126,226	118,600	130,400	110,200	126,226	118,600	130,400
6	Ctr. for Naval Analyses	75,869	79,087	83,837	87,499	71,895	74,438	73,099	80,474
7	Institute for Defense Analyses Communication and Computing	45,960	50,238	50,800	51,500	45,960	50,238	50,800	51,500
8	Project Air Force	33,555	33,049	35,742	39,107	33,555	33,049	35,742	39,107
9	C3I Federally Funded R&D Ctr.	32,696	35,932	37,213	37,073	32,696	35,932	36,013	37,073
10	National Defense Research Institute	26,908	26,550	25,747	34,203	26,908	26,550	25,747	34,203
11	Aerospace Corp.	32,745	32,529	32,500	34,200	13,619	14,312	14,500	14,700
12	Arroyo Ctr.	27,889	26,101	28,152	24,518	27,889	26,101	28,152	24,518
13	Homeland Security Institute	na	na	NA	20,521	na	na	NA	20,521
14	Ctr. for Nuclear Waste Regulatory Analyses	17,625	16,847	16,391	16,397	16,915	15,447	15,732	15,842
15	Science and Technology Policy Institute, The	6,710	3,681	5,415	6,800	6,710	3,681	5,415	6,800
16	Ctr. for Advanced Aviation System Development	6,633	6,462	6,429	6,601	3,180	6,462	6,429	6,601
17	Internal Revenue Service FFRDC	2,834	3,687	4,802	6,342	2,834	3,687	4,802	6,342

na = not applicable; institution did not exist.

NA = not available; R&D totals not available for Homeland Security Institute in FY 2005.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

TABLE 91. Total and federally financed R&D expenditures at industry-administered federally funded research and development centers, ranked by FY 2006 total: FY 2003–06

(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2003	2004	2005	2006	2003	2004	2005	2006
	All institutions	2,463,438	2,443,203	2,611,774	2,568,609	2,405,584	2,383,142	2,544,351	2,495,206
1	Sandia National Lab.	1,742,861	1,833,571	1,946,435	1,968,488	1,696,798	1,786,233	1,894,329	1,905,118
2	NCI Frederick Cancer R&D Ctr.	296,000	335,000	334,400	334,500	296,000	335,000	334,400	334,500
3	ID National Lab.	330,154	180,306	232,289	163,074	318,363	167,583	216,972	153,041
4	Savannah River Technology Ctr.	94,423	94,326	98,650	102,547	94,423	94,326	98,650	102,547

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.

Appendix A. Technical Notes

The National Science Foundation (NSF) Survey of Research and Development Expenditures at Universities and Colleges (Academic R&D Expenditures Survey) is the primary source of information on separately budgeted R&D expenditures within academic institutions in the United States and outlying areas. Conducted annually since FY 1972, the survey collects information on R&D expenditures by academic field as well as by source of funds. The results of the survey are primarily used to assess trends in R&D expenditures across the fields of science and engineering (S&E). This information is vital for federal, state, and academic planners who make decisions on future R&D funding priorities. Unless noted otherwise, expenditures analyzed in this report refer to S&E R&D activities only.

Scope of Survey

The FY 2006 Academic R&D Expenditures Survey was sent to 660 institutions of higher education in the United States, Guam, Puerto Rico, and the U.S. Virgin Islands. These institutions had been identified as granting a bachelor's degree or higher in S&E fields and expending at least \$150,000 in separately budgeted S&E R&D in FY 2006.

The survey population was reviewed before data collection began to ensure that each institutional classification was accurate. Characteristics of the schools were reviewed before and during the course of the survey to determine whether changes had occurred (e.g., highest degree granted; school openings, closings, or mergers).

After data collection closed, institutions were reviewed to verify that only those reporting at least \$150,000 in separately budgeted R&D were included in the population. Of the 660 institutions surveyed, 10 reported total R&D expenditures of less than \$150,000. These 10 institutions were excluded from the population and their data are not included in the FY 2006 detailed statistical tables. The total and federally financed R&D expenditures for these 10 institutions are listed in table A-1.

The survey also collects information on R&D from each of the nation's 37 federally funded research and development centers (FFRDCs). At the beginning of FY 2006, 16 were administered by academic institutions, 17 were administered by nonprofit organizations, and 4 were administered by industrial organizations.

To qualify for the survey, an FFRDC must be engaged in basic or applied research, development, or management of R&D activities, and the results of these activities must be directly monitored by the federal government (usually a single agency) in a relationship expected to be maintained long-term. The center must be operated, managed, and administered as an autonomous organization or as an identifiably separate operating unit of its parent institution. Finally, 70% or more of the center's financial support must be received from the federal government. Although the same survey form (NSF Form 411) was used to collect data from both academic institutions and FFRDCs, FFRDCs were asked to provide only item 1 data (R&D expenditures by source of funding). FFRDC R&D data are reported in tables 85–91.

FY 2006 Survey Frame Design

The Academic R&D Expenditures Survey is a census of the full population of eligible academic institutions. Before FY 1998 a census of eligible institutions was conducted approximately every 5 years; during intervening years eligible institutions were sampled. Since then a census has been conducted annually. NSF also conducts a population review each year to ensure that all institutions that meet the inclusion

criteria are surveyed. Beginning in FY 2004 the inclusion criteria changed to include all institutions that grant a bachelor's degree or higher in S&E fields and reported at least \$150,000 in separately budgeted S&E R&D expenditures in the previous fiscal year. In addition, NSF contacted institutions that met the degree-granting criterion but were not in the population of the previous census to determine whether they met the \$150,000 expenditure criterion. Institutions with a minimum of \$150,000 were added to or retained in the survey population. As a result, the overall number of academic institutions in the population increased from 639 in FY 2005 to 650 in FY 2006 (table A-2).

Survey Instrument

Most major R&D-performing institutions have incorporated the data that are needed to complete this survey into their record-keeping systems, thereby ensuring a consistent format from one year to the next. Such consistency yields the most useful statistics for time series. As a rule, information to complete this survey is found in the institutions' year-end accounting records.

The survey consists of seven main items:

Item 1 is a request that institutions report their total current expenditures for separately budgeted S&E R&D expenditures by source of funds. Institutions are also asked to provide the percentage of total expenditures and federally financed expenditures that are considered basic research. Also included are research funds for which an outside organization, educational or other, is a subrecipient.

Care should be taken when interpreting data on source of funds. Industry R&D support is limited to grants and contracts for R&D activities from profit-making organizations. Total industry funds exclude research funded through unrestricted accounts and from corporate foundations, endowments, and fellowships to students; those funds would be included in an institution's own funding totals. An increasing number of institutions have links with industry and foundations through subcontracts, thus complicating the identification of funding sources. In addition, institutional policy may determine whether unrestricted state support is reported as state or institutional funding.

Item 1A is a request for total and federally financed current fund expenditures for separately budgeted S&E R&D passed through the institution to subrecipients.

Item 1B is a request for total and federally financed current fund expenditures for separately budgeted S&E R&D received by the institution as a subrecipient.

Item 2 is a request for total and federally financed current fund expenditures for separately budgeted R&D activities by detailed S&E field. When interpreting these data at the detailed discipline level, users should keep in mind that there is considerable interdisciplinary and multidisciplinary activity.

Item 2A is a request for total and federally financed current fund expenditures for separately budgeted non-S&E R&D activities by detailed non-S&E field. This item was originally added to the survey as an optional item in FY 1997 and was collected as a core item for the first time in FY 2003.

Item 2B is a request for federally financed current fund expenditures for separately budgeted R&D activities by S&E field and federal agency. This item was originally added to the survey as an optional item in FY 1998 and was collected as a core item for the first time in FY 2003.

Item 3 is a request for the portions of total and federally financed expenditures reported in items 1 and 2 that were used for the purchase of research equipment out of current funds. This portion includes all research equipment purchased under sponsored research project awards and disbursed in the same detailed disciplines as in item 2. These data are of special interest to federal and institutional policymakers in determining current funding levels for scientific research instrumentation.

Response Rate

The FY 2006 survey questionnaires were sent by e-mail in November 2006. Respondents could choose to submit an Adobe Portable Document Format questionnaire downloaded from the Web or use the Web-based data collection system to respond to the survey. Every effort was made to maintain close contact with respondents in order to preserve both the consistency and continuity of the resulting data. Questionnaires were carefully examined for completeness upon receipt. Computerized facsimiles of the survey data were then prepared for each institution; these compared the current and 2 prior years of data and noted any substantive disparities. Respondents were sent personalized e-mail messages asking them to provide revisions before the final processing and tabulation of data. These e-mail messages included a link to the Academic R&D Expenditures Survey Web-based data collection system, allowing respondents to view and correct their data online.

Respondents were asked to explain significant discrepancies between current-year reporting and established patterns of reporting verified for prior years. They were encouraged to correct prior-year data if anomalies were identified. When respondents updated or amended figures from past years, NSF made corresponding changes to trend data in this report and to the underlying microdata database. Similarly, if a respondent institution underwent an organizational change, such as a merger, NSF incorporated the effects of the change into prior-years' data.

By the survey's closing date, at the end of May 2007, forms had been received from 631 universities and colleges out of the academic population of 650, a response rate of 97.1%. Responses were received from 98.6% of all doctorate-granting institutions, to which 98.5% of the estimated national R&D expenditures in S&E fields had been disbursed. Forms were received from all of the 37 FFRDCs. Table A-3 displays a detailed breakdown of response rates by highest degree granted, and table A-4 displays a breakdown of response rates by survey item.

National Total and Imputation

Two statistical procedures were used to provide a national estimate for all universities and colleges performing R&D in FY 2006. First, data were estimated by imputation for the 19 institutions that had not responded by the closing date of the survey, using imputation techniques that have been used consistently since FY 1976. These techniques use prior-years' figures derived from the data of respondent institutions with similar characteristics, including highest degree granted and type of institutional control (public or private). Second, data were imputed for universities and colleges that submitted only partial responses. This imputation was performed using prior years' figures for each institution to allocate that institution's FY 2006 total R&D expenditures reported within the various categories. The imputed total R&D was \$57 million, or 0.1%, of the \$48 billion in all separately budgeted R&D expenditures (table A-5).

Tables A-6 and A-7 present imputed amounts for total and federally financed R&D expenditures, respectively, by S&E field. The dollar amount imputed is displayed along with the percentage it represents of the national estimate for universities and

colleges in a particular field. The amount imputed is similarly broken down by source of funds in table A-8.

A number of surveyed institutions have responded intermittently in past years. For years in which no response was received, data have been imputed as previously described. Although the imputation algorithm accurately reflects national trends, it cannot account for specific trends at individual institutions. For this reason, a separate estimation of prior-years' data was performed, following current-year imputation.

For each institution, formerly imputed key variables for items 1–3 were recomputed to ensure that the imputed data accurately represent the growth patterns shown by reported data. If, for example, data were reported for FY 1998 and FY 2006 but not for the intervening years, the difference between the reported figures for each item total was calculated and evenly distributed across the intervening years (1999–2005). The new figures were spread across disciplines (items 2 and 3) or sources of support (item 1) on the basis of the most recent reporting pattern. Institutions were given an opportunity to review imputed data and provide comments before data were finalized. These procedures result in much more consistent reporting trends for individual institutions but have little effect on aggregate figures reflecting national totals.

Changes in Basic Research Totals

The Division of Science Resources Statistics at NSF regularly reviews the methodologies used in the Academic R&D Expenditures Survey with the goal of producing the most accurate statistics possible for researchers and policymakers. Reviews of responses to item 1, question 2, were conducted in FY 2001, 2002, 2003, and 2004. These reviews determined that the aggregate statistics on basic research could be improved by refining the imputation methodology for that item. Some universities and colleges are either unable or unwilling to respond to this question, and values must be imputed in order to present aggregate statistics.

In the past, if a respondent did not reply to the basic research question, the prior year's basic research share (whether reported by or imputed for the respondent) was carried forward. After interviews with respondents revealed that abnormal or erroneous values (such as 0% basic research) were sometimes carried forward for several years, a revised imputation methodology was introduced beginning in FY 2004. The revised imputation methodology carries forward the prior year's basic research share only if the respondent reported or estimated that year's data. In all other cases an econometric model is used to impute the amount of total and federal basic research. The model accounts for differences between public and private institutions and nonfederal sources of R&D funding.

Item 1A Analysis

Item 1A, R&D passed through the institution to subrecipients, was completed by 93.5% of the respondents from academic institutions (table A-9). The total R&D expenditures passed through to subrecipients, \$3.1 billion, represents 7.6% of item 1A respondents' total R&D expenditures (\$41 billion) and 6.6% of all separately budgeted R&D (\$48 billion) in FY 2006 (see table 43). Doctorate-granting institutions reported a slightly lower percentage of pass-through funds in item 1A, 7.6% (\$3.1 billion), than did nondoctorate granting institutions, 8.0% (\$48 million). Item 1A respondents from private institutions reported a higher percentage of pass-through funds than did those from public institutions, 9.0% (\$1.4 billion) compared with 6.8% (\$1.8 billion).

Academic respondents to item 1A reported \$2.7 billion in federally financed R&D expenditures passed through to subrecipients (see table 43). This amount represents 10.4% of the federal support reported by item 1A respondents (\$26 billion) and 9.1% of the \$30 billion in federal support to all respondents.

Tables 45 and 46 show, respectively, total and federally financed R&D expenditures passed through to subrecipients for all item 1A respondents.

Item 1B Analysis

Item 1B, R&D received by the institution as a subrecipient, was completed by 94.9% of the respondents from academic institutions (table A-10). The total R&D expenditures received as subrecipients, \$3.6 billion, represents 8.6% of item 1B respondents' total R&D expenditures (\$42 billion) and 7.6% of all separately budgeted R&D (\$48 billion) in FY 2006 (see table 44). Doctorate-granting institutions reported a lower percentage of funds received as subrecipients in item 1B, 8.5% (\$3.5 billion), than did nondoctorate-granting institutions, 12.1% (\$77 million). Item 1B respondents from private institutions reported a slightly higher percentage of funds received as subrecipients than did those from public institutions, 9.0% (\$1.4 billion) compared with 8.3% (\$2.2 billion).

Academic respondents to item 1B reported \$3.2 billion in federally financed R&D expenditures received as subrecipients (see table 44). This amount represents 12.1% of the federal support reported by item 1B respondents (\$27 billion) and 10.7% of the \$30 billion in federal support to all respondents.

Tables 47 and 48 show, respectively, total and federally financed R&D expenditures received as subrecipients for all item 1B respondents.

Item 2A Analysis

Item 2A, R&D in non-S&E fields, was completed by 95.9% of the respondents from academic institutions (table A-11). The total for non-S&E R&D expenditures, \$1.9 billion, represents 3.8% of item 2A respondents' total S&E and non-S&E R&D expenditures (\$49 billion) in FY 2006 (see table 68). Nondoctorate-granting institutions reported a higher percentage of non-S&E R&D expenditures in item 2A than did doctorate-granting institutions, 25.6% (\$215 million) compared with 3.5% (\$1.7 billion) for doctorate-granting institutions. Item 2A respondents from public institutions reported a higher percentage of non-S&E R&D expenditures, 4.2% (\$1.4 billion), than did those from private institutions, 3.1% (\$487 million).

Academic respondents to item 2A reported \$773 million in federal non-S&E R&D. This amount represents 2.5% of the federal S&E and non-S&E support reported by item 2A respondents (\$30 billion).

Tables 69–71 show the total and federal non-S&E R&D expenditures for all item 2A respondents.

Item 2B Analysis

Item 2B, federal sources of R&D by S&E field, was completed by 98.3% of the respondents from academic institutions. Total federally financed R&D expenditures reported by item 2B respondents, \$30 billion, represents 99.9% of all reported federally financed R&D expenditures (\$30 billion) in FY 2006 (table A-12). Doctorate-granting institutions reported a slightly higher percentage of R&D from federal sources in item 2B, 99.9% (\$30 billion), than did nondoctorate-granting institutions, 99.1% (\$427 million). Item 2B respondents from public institutions

reported the same percentage of R&D from federal sources 99.9% (\$18 billion), as did those from private institutions, 99.9% (\$12 billion).

Academic respondents to item 2B reported the highest percentage of their federally financed R&D expenditures from the Department of Health and Human Services, 56.9%, or \$17.0 billion (see table 72). The National Science Foundation accounted for 11.9% (\$3.6 billion) of item 2B respondents' R&D from federal sources; the Department of Defense, 9.1% (\$2.7 billion); the Department of Energy, 3.7% (\$1.1 billion); the National Aeronautics and Space Administration, 3.5% (\$1.0 billion); and the U.S. Department of Agriculture, 2.9% (\$869 million).

Tables 72–81 show federally financed R&D expenditures for item 2B respondents.

Data Anomalies

Within the University of California (UC) system, UC campuses manage nearly all R&D activities; however, some R&D expenditures are attributable to the UC Office of the President (UCOP) rather than to a particular campus. The reporting of UCOP R&D expenditures has changed over time. In the period FY 1997–2000 the UCOP amounts were reported as part of UC Berkeley, the campus that maintained accounting ledgers. In the period FY 2001–2003 UCOP amounts were reported under UC Los Angeles, which had assumed responsibility for UCOP's ledgers. In FY 2004 R&D expenditures began being reported separately for UCOP. In FY 2001, when approximately \$90 million of UCOP R&D expenditures were shifted from UC Berkeley to UC Los Angeles, R&D expenditures decreased by \$72 million at UC Berkeley and increased by \$163 million at UC Los Angeles. In FY 2004, when UCOP was reported separately from UC Los Angeles, total R&D at UC Los Angeles decreased by \$77 million, whereas UCOP showed expenditures of \$90 million. Thus, some of the trend changes shown in table 27 for UC Los Angeles, UC Berkeley, and UCOP can be attributed to changes in the location of reporting UCOP R&D expenditures.

The Scripps Research Institute (TSRI) in La Jolla, CA, was added to the FY 2005 survey population after being mistakenly omitted for several years. Prior to the FY 2005 survey cycle it was thought that TSRI was included in UC San Diego expenditures. However, further contact with representatives from TSRI revealed that only the Scripps Institution of Oceanography, which is a separate entity from TSRI, is included under UC San Diego. During the FY 2005 data collection TSRI reported R&D expenditures for FY 2005 and FY 2004.

Due to the devastation caused by Hurricane Katrina and the subsequent staff turnovers, records damage, and shortage of resources, there was a higher rate of nonresponse in FY 2005 for universities and colleges in New Orleans, Louisiana. Data were imputed for institutions that were unable to commit the resources necessary to complete the FY 2005 survey. Institutions also reported reduced R&D expenditures in FY 2006 as a result of facility loss and faculty turnovers.

Data Availability

Data from this and other NSF academic S&E surveys (Survey of Graduate Students and Postdoctorates in Science and Engineering; Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions) are contained in academic institutional profiles, available at <http://www.nsf.gov/statistics/profiles/>. The profiles are linked to the corresponding ranking table for each survey.

Data from these and other surveys are also available at <http://www.nsf.gov/statistics/> and through the Web-Based Computer-Aided Science Policy Analysis and Research database system (WebCASPAR) database system at <http://webcaspar.nsf.gov>. Data are available at the institution, state, and national levels and as longitudinal data. WebCASPAR also includes data from the National Center for Education Statistics surveys of universities and colleges. These data include information on earned degrees, opening fall enrollment, tuition, faculty salaries, tenure and fringe benefits, and financial statistics.

Technical Tables

- A-1 Total and federally financed R&D expenditures at surveyed institutions reporting less than \$150,000 in separately budgeted R&D expenditures: FY 2003–06
- A-2 Institutions surveyed for the Academic R&D Expenditures Survey, by respondent type and highest degree granted: FY 2001–06
- A-3 Response rates for the Academic R&D Expenditures Survey, by respondent type and highest degree granted: FY 2006
- A-4 Response rates for the Academic R&D Expenditures Survey, by survey item: FY 2006
- A-5 Imputed amounts for total R&D expenditures at universities and colleges, by highest degree granted: FY 2006
- A-6 Imputed amounts for total R&D expenditures at universities and colleges, by science and engineering field: FY 2006
- A-7 Imputed amounts for federally financed R&D expenditures at universities and colleges, by science and engineering field: FY 2006
- A-8 Imputed amounts for R&D expenditures at universities and colleges, by source of funds: FY 2006
- A-9 Response summary for item 1A, R&D expenditures passed through to subrecipients, by highest degree granted and institutional control: FY 2006
- A-10 Response summary for item 1B, R&D expenditures received as a subrecipient, by highest degree granted and institutional control: FY 2006
- A-11 Response summary for item 2A, non-S&E R&D expenditures, by highest degree granted and institutional control: FY 2006
- A-12 Response summary for item 2B, federally financed R&D expenditures by federal agency, by highest degree granted and institutional control: FY 2006

Appendix B. Federally Funded Research and Development Centers (FFRDC): FY 2006

Department of Defense

Administered by universities and colleges

- Lincoln Laboratory
(Massachusetts Institute of Technology)
- Software Engineering Institute
(Carnegie Mellon University)

Administered by other nonprofit organizations

- Aerospace FFRDC
(The Aerospace Corporation)
- Arroyo Center
(RAND Corporation)
- C3I FFRDC
(MITRE Corporation)
- Center for Naval Analyses
(The CNA Corporation)
- Institute for Defense Analyses Communications and Computing FFRDC
(Institute for Defense Analyses)
- Institute for Defense Analyses Studies and Analyses FFRDC
(Institute for Defense Analyses)
- National Defense Research Institute
(RAND Corporation)
- Project Air Force
(RAND Corporation)

Department of Energy

Administered by universities and colleges

- Ames Laboratory
(Iowa State University of Science and Technology)
- Argonne National Laboratory
(University of Chicago)
- Ernest Orlando Lawrence Berkeley National Laboratory
(University of California)
- Fermi National Accelerator Laboratory
(Universities Research Association, Inc.)
- Lawrence Livermore National Laboratory
(University of California)
- Los Alamos National Laboratory[1]
(University of California)
- Princeton Plasma Physics Laboratory
(Princeton University)

- Stanford Linear Accelerator Center
(Stanford University)
- Thomas Jefferson National Accelerator Facility
(Southeastern Universities Research Association)

Administered by industrial firms

- Idaho National Laboratory
(Battelle Energy Alliance, LLC)
- Sandia National Laboratories
(Sandia Corporation, a subsidiary of Lockheed Martin Corporation)
- Savannah River National Laboratory
(Westinghouse Savannah River Company)

Administered by other nonprofit organizations

- Brookhaven National Laboratory
(Brookhaven Science Associates)
- National Renewable Energy Laboratory
(Midwest Research Institute; Battelle Memorial Institute; Bechtel National, Inc.)
- Oak Ridge National Laboratory
(UT-Battelle, LLC)
- Pacific Northwest National Laboratory
(Battelle Memorial Institute)

Department of Health and Human Services

Administered by industrial firms

- National Cancer Institute at Frederick
(Science Applications International Corporation; Charles River Laboratories, Inc.; Data Management Services, Inc.; Wilson Information Services, Inc.)

Department of Homeland Security

Administered by other nonprofit institutions

- Homeland Security Institute
(Analytic Services, Inc.)

Department of Transportation

Administered by other nonprofit institutions

- Center for Advanced Aviation System Development
(MITRE Corporation)

Department of the Treasury

Administered by other nonprofit institutions

- Internal Revenue Service FFRDC
(MITRE Corporation)

National Aeronautics and Space Administration

Administered by universities and colleges

- Jet Propulsion Laboratory
(California Institute of Technology)

National Science Foundation

Administered by universities and colleges

- National Astronomy and Ionosphere Center
(Cornell University)
- National Center for Atmospheric Research
(University Corporation for Atmospheric Research)
- National Optical Astronomy Observatories
(Association of Universities for Research in Astronomy, Inc.)
- National Radio Astronomy Observatory
(Associated Universities, Inc.)

Administered by other nonprofit institutions

- Science and Technology Policy Institute
(Institute for Defense Analyses)

Nuclear Regulatory Commission

Administered by other nonprofit institutions

- Center for Nuclear Waste Regulatory Analyses
(Southwest Research Institute)

Footnotes

[1] On 1 June 2006 Los Alamos National Laboratory acquired a new industrial firm administrator, Los Alamos National Security, LLC.

Appendix C. Survey Instruments

- Survey of Research and Development Expenditures at Universities and Colleges, FY 2006
- Survey of Research and Development Expenditures at FFRDCs, FY 2006



NATIONAL SCIENCE FOUNDATION
ARLINGTON, VA 22230

**SURVEY OF RESEARCH AND DEVELOPMENT EXPENDITURES
AT UNIVERSITIES AND COLLEGES, FY 2006**

Please submit your survey data by January 30, 2007.

The Web address for submitting your data:

http://www.qrc.com/expweb

Or, mail this form to:

ORC Macro
7315 Wisconsin Avenue, Suite 400W
Bethesda, MD 20814-3202

Or, e-mail your response to:

expweb@qrc.com

The Web password and user ID were e-mailed to each institution. If you have questions about this or any other issue, please call: Survey Support at ORC Macro, 1-866-349-8626. For general survey questions, you may also contact Ronda Britt of NSF at rbritt@nsf.gov or (703) 292-7765.

Your cooperation in returning the survey questionnaire promptly is very important. This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. Your response is entirely voluntary; your failure to provide some or all of the information will in no way adversely affect your institution.

Report data for your institution's 2006 fiscal year. All financial data should be reported in thousands of dollars; for example, an expenditure of \$25,342 should be rounded to the nearest thousand dollars and reported as \$25.

Where exact data are not available, estimates are acceptable. Your estimates will be better than ours.

Include data for branches and all organizational units of your institution, such as medical schools and agricultural experiment stations. Data on research centers and facilities administered by your institution should be included. In addition, include hospitals or clinics owned, operated, or controlled by universities, and integrated operationally with the clinical programs of your medical schools.

NOTE: Academic institutions should exclude data for federally funded research and development centers (FFRDCs). Data for these facilities are collected separately.

It is estimated that response to this survey will require 22 hours. If you wish to comment on this burden, please contact Suzanne H. Plimpton of NSF at (703) 292-7556, or e-mail splimpto@nsf.gov.

Scope:

This survey collects data on expenditures by universities and colleges for separately budgeted research and development (R&D). Definitions used are compatible with OMB Circular A-21, revised May 10, 2004. Items 1 and 2 ask for *current fund expenditures* by source of funds and by field of science and engineering. Item 3 collects data on that *portion of current fund expenditures* reported in Items 1 and 2 that went for the purchase of scientific and engineering research equipment. Item 2A asks for current fund expenditures in non-science and engineering fields, and Item 2B requests information on the Federal Government agency sources of current fund expenditures by field of science and engineering.

Definitions:

Research and Development (R&D). R&D for purposes of this survey is the same as "organized research" as defined in Section B.1.b. of OMB Circular A-21 (revised). It includes all R&D activities of an institution that are separately budgeted and accounted for. R&D includes both "sponsored research" activities (sponsored by Federal and non-Federal agencies and organizations) and "university research" (separately budgeted under an internal application of institutional funds).

Research is systematic study directed toward fuller knowledge or understanding of the subject studied. Research is classified as either basic or applied, according to the objectives of the investigator.

Development is systematic use of the knowledge or understanding gained from research, directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

Current fund expenditures. These are expenditures of funds available for current operations. Such expenditures include all unrestricted gifts and restricted current funds to the extent that such funds were expended for current operating purposes.

Please circle the month in which your institution's fiscal year begins:

Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

Primary Contact—Person who is responsible for your institution's survey answers:

Name (Mr., Mrs., Ms., Dr. (circle one)):	
Title:	E-mail:
Telephone number:	Fax:
Address:	Date submitted:

Alternate Contact—Person to contact if the Primary Contact is unavailable. This person should know that you are the Primary Contact for the survey. Examples include your supervisor, the data preparer, or another coworker:

Name (Mr., Mrs., Ms., Dr. (circle one)):	
Title:	E-mail:
Telephone number:	Fax:

Instructions for Items 1 and 2

Separately budgeted research and development (R&D) includes all funds expended for activities specifically organized to produce research outcomes and commissioned by an agency either external to the institution or separately budgeted by an organizational unit within the institution. *Include* research equipment purchased under research project awards from “current fund” accounts. Also *include* research funds for which an outside organization, educational or other, is a subrecipient. *Exclude* training grants, public service grants, demonstration projects, clinical trials, and departmental research expenditures that are not separately budgeted. Also, *exclude* any R&D expenditures in the fields of education, law, humanities, music, the arts, physical education, library science, and all other non-science fields. These non-science and engineering R&D expenditures are reported in Item 2A. Allocate funding to the original sources whenever possible, as specified below. If this information is unknown, report the proximate funding source.

Total

- a. **Federal Government.** Report awards for R&D (including direct and reimbursed indirect costs) by all agencies of the Federal Government.
- b. **State and local governments.** Include funds for R&D (including direct and reimbursed indirect costs) from State, county, municipal, or other local governments and their agencies. Include here State funds that support R&D at agricultural and other experiment stations.
- c. **Industry.** Include all awards for R&D (including direct and reimbursed indirect costs) from profit-making organizations, whether engaged in production, distribution, research, service, or other activities. Do not include awards from nonprofit foundations financed by industry; these should be included under “All other sources.”
- d. **Institution funds.** Report funds, *including* related indirect costs, that your institution spent for R&D activities from the following unrestricted sources: general-purpose State or local government appropriations; general-purpose awards from industry, foundations, or other outside sources; tuition and fees; endowment income; gifts; and other institutional funds. In addition, estimate your institution’s on-campus and off-campus unreimbursed indirect costs associated with externally funded R&D projects, including mandatory and voluntary cost sharing. To estimate unreimbursed indirect costs, preferably on a project-by-project basis, use your appropriate on-campus or off-campus **negotiated research indirect cost rate(s)** multiplied by the corresponding base(s) minus actual indirect cost recovery.
- e. **All other sources.** Include awards for R&D (including direct and reimbursed indirect costs) from nonprofit foundations and voluntary health agencies as well as from all other sources not elsewhere classified. Also include gifts from individuals that are restricted by the donor to research. Funds from foundations that are affiliated with, or granted solely to your institution, should be included under “Institution funds.” Funds for R&D received from a health agency that is a unit of a State or local government should be included under “State and local governments.”

Instructions for Items 1A and 1B

For Federal awards, **subrecipient** means the non-Federal entity that expends Federal awards received from a pass-through entity to carry out a Federal program, but does not include an individual that is a beneficiary of such a program. A subrecipient may also be a recipient of other Federal awards directly from a Federal awarding agency.

—OMB Circular A-133, Section .105 (revised June 27, 2003) For awards from non-Federal sources, the subrecipient definition is analogous to the Federal one.

Higher Education [subrecipients] refers to all academic colleges and universities and all units owned, operated, and controlled by such institutions.

Item 1. How much of your current fund expenditures for separately budgeted research and development in the sciences and engineering (including indirect costs) came from the following sources in FY 2006?

Source of Funds	Line No.	(1) Total (Dollars in thousands)	(2) What Percentage of Federal & Total Funds Are Basic Research?
a. Federal Government	1110	\$	_____ %
b. State and local governments	1125		Basic research is directed toward an increase of knowledge; it is research where the primary aim of the investigator is a fuller knowledge or understanding of the subject under study rather than a specific application thereof.
c. Industry	1150		
d. Institution funds (sum of lines 1161 and 1162)	1160		
(1) Institutionally financed organized research	1161		
(2) Unreimbursed indirect costs and related sponsored research	1162		
e. All other sources	1175		
f. TOTAL (sum of a through e)	1100	\$	_____ %

BASIC RESEARCH
Please provide the percentages of Federal and total expenditures that are basic research (not applied research) as defined in column (2).

CONFIDENTIALITY
Information received from individual institutions in lines d(1) and d(2), or estimates for basic research expenditures, will NOT be published or released; only aggregate totals will appear in tabulations.

Item 1A. How much of your total (item 1, line f) and Federal (item 1, line a) R&D expenditures were passed through by your institution to subrecipients? (If all information is not available, report those amounts that are available. Exclude vendor relationships.)

Subrecipients	Line No.	(Dollars in thousands)	
		(1) Total	(2) Federal
To higher education subrecipients	1910		
To other subrecipients	1920		
To all subrecipients	1900	\$	\$

Item 1B. How much of your total (item 1, line f) and Federal (item 1, line a) R&D expenditures did your institution receive as a subrecipient? (If all information is not available, report those amounts that are available. Exclude vendor relationships.)

Your Institution as a Subrecipient	Line No.	(Dollars in thousands)	
		(1) Total	(2) Federal
From higher education pass-through entities	1610		
From other pass-through entities	1620		
From all pass-through entities	1600	\$	\$

Item 2. Allocate your FY 2006 current fund expenditures (total and federally financed) for separately budgeted research and development (including indirect costs) by field of science and engineering.

Please note that total R&D expenditures in line j, column (1) should be the same as reported in Item 1, line f.

Total Federal R&D expenditures in line j, column (2) should be the same as reported in Item 1, line a.

Please see pages 8 and 9 for the NSF/NCES Crosswalk of Discipline Codes.

Field of Science and Engineering	Line No.	(Dollars in thousands)	
		(1) Total	(2) Federal
a. Engineering (Total)	1410	\$	\$
(1) Aeronautical & astronautical	1411		
(2) Bioengineering/biomedical engineering	1418		
(3) Chemical	1412		
(4) Civil	1413		
(5) Electrical	1414		
(6) Mechanical	1415		
(7) Metallurgical & materials	1417		
(8) Other	1416		
b. Physical Sciences (Total)	1420		
(1) Astronomy	1421		
(2) Chemistry	1422		
(3) Physics	1423		
(4) Other	1424		
c. Environmental Sciences (Total)	1430		
(1) Atmospheric	1431		
(2) Earth sciences	1432		
(3) Oceanography	1433		
(4) Other	1434		
d. Mathematical Sciences (Total)	1441		
e. Computer Sciences (Total)	1442		
f. Life Sciences (Total)	1450		
(1) Agricultural	1451		
(2) Biological	1452		
(3) Medical	1453		
(4) Other	1454		
g. Psychology (Total)	1460		
h. Social Sciences (Total)	1470		
(1) Economics	1471		
(2) Political science	1472		
(3) Sociology	1473		
(4) Other	1474		
i. Other Sciences, not elsewhere classified (Total)	1480		
j. Total (sum of a through i)	1400	\$	\$

Please EXCLUDE from your response any R&D expenditures in the fields of education, law, humanities, music, the arts, physical education, library science, and all other non-science and engineering fields. These non-science and engineering R&D expenditures are reported in Item 2A.

Item 3. Allocate the portion of your FY 2006 current fund expenditures (total and federally financed) for separately budgeted research and development that went for the purchase of research equipment by field of science and engineering.

Please report that portion of current fund expenditures reported in items 1 and 2 that went for the purchase of research equipment. This includes all research equipment purchased under sponsored research project awards from current fund accounts.

For column (1), report current fund expenditures for R&D from all sources: Federal Government, State, county, municipal or other governments and their agencies (including State funds supporting R&D at agricultural experiment stations); industry; institution funds; and private foundations and voluntary health agencies, individuals, and associations.

For column (2), include funds from awards for R&D sponsored by agencies of the Federal Government.

Please see pages 8 and 9 for the NSF/NCES Crosswalk of Discipline Codes.

Field of Science and Engineering	Line No.	(Dollars in thousands)	
		(1) Total	(2) Federal
a. Engineering (Total)	1810	\$	\$
(1) Aeronautical & astronautical	1811		
(2) Bioengineering/biomedical engineering	1818		
(3) Chemical	1812		
(4) Civil	1813		
(5) Electrical	1814		
(6) Mechanical	1815		
(7) Metallurgical & materials	1817		
(8) Other	1816		
b. Physical Sciences (Total)	1820		
(1) Astronomy	1821		
(2) Chemistry	1822		
(3) Physics	1823		
(4) Other	1824		
c. Environmental Sciences (Total)	1830		
(1) Atmospheric	1831		
(2) Earth sciences	1832		
(3) Oceanography	1833		
(4) Other	1834		
d. Mathematical Sciences (Total)	1841		
e. Computer Sciences (Total)	1842		
f. Life Sciences (Total)	1850		
(1) Agricultural	1851		
(2) Biological	1852		
(3) Medical	1853		
(4) Other	1854		
g. Psychology (Total)	1860		
h. Social Sciences (Total)	1870		
(1) Economics	1871		
(2) Political science	1872		
(3) Sociology	1873		
(4) Other	1874		
i. Other Sciences, not elsewhere classified (Total)	1880		
j. Total (sum of a through i)	1800	\$	\$

Current fund expenditures in each field for scientific research equipment is that PORTION or SUBTOTAL of the amounts reported in the corresponding cells of the "Total" and "Federal" columns in Item 2.

Item 2A. What were your current fund expenditures (total and federally financed) for separately budgeted research and development (including indirect costs) for non-science and engineering fields in FY 2006?

NOTE: For rows 2A(a) through 2A(i), report only data that have not been reported in Items 1 and 2 on this survey. Non-S&E R&D should **include** any separately budgeted scholarly and creative activity, but should **exclude** training.

Non-science & Engineering Fields	Line No.	(Dollars in thousands)	
		(1) Total	(2) Federal
a. Education	1510	\$	\$
b. Law	1520		
c. Humanities	1530		
d. Visual & Performing Arts	1540		
e. Business and Management	1550		
f. Communications, Journalism, and Library Science	1560		
g. Social Work	1570		
h. Other Non-S&E Fields (please specify)	1580		
i. Total, Non-S&E Fields (sum of a through h)	1500		
j. Total, S&E (from Item 2, line j)	1400		
k. Grand Total (sum of i and j)	2000	\$	\$

CROSSWALK BETWEEN NSF NON-SCIENCE & ENGINEERING FIELDS AND THE NATIONAL CENTER FOR EDUCATION STATISTICS (NCES) CLASSIFICATION OF INSTRUCTIONAL PROGRAMS (CIP)

Questionnaire Field	CIP Code	CIP Program Category Title
Education	13.xx	Education
Law	22.xx	Legal Professions and Studies
Humanities	16.xx	Foreign Languages, Literatures, and Linguistics
	23.xx	English Language and Literature/Letters
	24.xx	Liberal Arts and Sciences, General Studies and Humanities
	38.xx	Philosophy and Religious Studies
	39.xx	Theology and Religious Vocations
	54.xx	History (except History of Science)
Visual & Performing Arts	50.xx	Visual and Performing Arts
Business and Management	52.xx	Business, Management, Marketing, and Related Support Services
Communications, Journalism, and Library Science	09.xx	Communication, Journalism and Related Programs
	25.xx	Library Science
	10.xx	Communications Technologies/Technicians and Support Services
Social Work	44.07	Social Work
Other Non-S&E Fields	31.xx	Parks, Recreation, Leisure and Fitness Studies
	29.xx	Military Technologies

Item 2B. What were the Federal Government agency sources for your FY 2006 federally financed current fund expenditures for separately budgeted research and development (including indirect costs) (item 2, column 2) by field of science and engineering?

Total Federal expenditures reported in Item 2B, column 1 should be the same as the Federal expenditures reported in Item 2, column 2.

Allocate funding to the original sources whenever possible. If that information is unknown, report the proximate funding source.

KEY: USDA, Department of Agriculture; DoD, Department of Defense; DOE, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NSF, National Science Foundation. "Other" Federal sources include all other Federal agencies.

		(Dollars in thousands)								
Field of Science and Engineering	Line No.	(1) Total Federal	Specific Federal Agencies						(7) NSF	(8) Other
			(2) USDA	(3) DoD	(4) DOE	(5) HHS*	(6) NASA			
a. Engineering (Total)	1410	\$								
(1) Aeronautical & astronautical	1411									
(2) Bioengineering/biomedical engineering	1418									
(3) Chemical	1412									
(4) Civil	1413									
(5) Electrical	1414									
(6) Mechanical	1415									
(7) Metallurgical & materials	1417									
(8) Other	1416									
b. Physical Sciences (Total)	1420									
(1) Astronomy	1421									
(2) Chemistry	1422									
(3) Physics	1423									
(4) Other	1424									
c. Environmental Sciences (Total)	1430									
(1) Atmospheric	1431									
(2) Earth sciences	1432									
(3) Oceanography	1433									
(4) Other	1434									
d. Mathematical Sciences (Total)	1441									
e. Computer Sciences (Total)	1442									
f. Life Sciences (Total)	1450									
(1) Agricultural	1451									
(2) Biological	1452									
(3) Medical	1453									
(4) Other	1454									
g. Psychology (Total)	1460									
h. Social Sciences (Total)	1470									
(1) Economics	1471									
(2) Political science	1472									
(3) Sociology	1473									
(4) Other	1474									
i. Other Sciences (Total)	1480									
j. Total (sum of a through i)	1400	\$								

* Includes NIH.

Please EXCLUDE from your response any R&D expenditures in the fields of education, law, humanities, music, the arts, physical education, library science, and all other non-science and engineering fields.

**CROSSWALK BETWEEN NSF FIELDS OF SCIENCE & ENGINEERING AND THE
NATIONAL CENTER FOR EDUCATION STATISTICS (NCES) CLASSIFICATION OF INSTRUCTIONAL PROGRAMS**

The left-hand column shows each of the detailed fields as displayed on the questionnaire form. The right-hand column shows the NCES fields that are included within the NSF category as well as some additional illustrative disciplines. These additional disciplines are intended to be guidelines—not sharp definitions—as to what should be reported under a particular field.

QUESTIONNAIRE FIELD	NCES CLASSIFICATION AND ADDITIONAL ILLUSTRATIVE DISCIPLINES			
a. ENGINEERING (1) Aeronautical and Astronautical	14.02 Aerospace, Aeronautical and Astronautical Engineering (also aerodynamics, space technology)			
(2) Bioengineering/ Biomedical Engineering	14.05 Biomedical/Medical Engineering (also all bioengineering)			
(3) Chemical	03.0509 Wood Science and Wood Products/Pulp and Paper Technology 14.07 Chemical Engineering (also petroleum refining process)	14.25 Petroleum Engineering 14.32 Polymer/Plastics Engineering		
(4) Civil	04.02 Architecture 14.04 Architectural Engineering	14.08 Civil Engineering 14.14 Environmental/ Environmental Health Engineering	(also geotechnical, hydraulic, hydrologic, sanitary and environmental, structural, transportation)	
(5) Electrical	14.09 Computer Engineering, General 14.10 Electrical, Electronics, and Communications Engineering (also power engineering)			
(6) Mechanical	14.11 Engineering Mechanics	14.19 Mechanical Engineering		
(7) Metallurgical & Materials	14.06 Ceramic Sciences and Engineering 14.18 Materials Engineering 14.20 Metallurgical Engineering (also welding)	14.21 Mining and Mineral Engineering 14.28 Textile Sciences and Engineering	14.31 Materials Science 40.9999 Physical Sciences, Other	
(8) Other	14.01 Engineering, General 14.12 Engineering Physics 14.13 Engineering Science	14.22 Naval Architecture and Marine Engineering 14.23 Nuclear Engineering	14.24 Ocean Engineering 14.27 Systems Engineering 14.99 Engineering, Other 30.06 Systems Science and Theory (also agricultural engineering, marine and ocean engineering systems)	
b. PHYSICAL SCIENCES (1) Astronomy	40.02 Astronomy and Astrophysics (also Gamma-ray, neutrino, optical and radio, X-ray)			
(2) Chemistry	40.05 Chemistry (also analytical, inorganic, organic, organo-metallic, pharmaceutical, physical, polymer sciences (except biochemistry))			
(3) Physics	40.08 Physics (also acoustics, atomic/molecular, chemical, condensed matter, elementary particles, nuclear structure, optics, plasma, theoretical/mathematical)			
(4) Other	40.01 Physical Sciences 40.99 Physical Sciences, Other (used for multidisciplinary projects within physical sciences and for disciplines not requested separately)			
c. ENVIRONMENTAL SCIENCES (1) Atmospheric	40.04 Atmospheric Sciences and Meteorology (also aeronomy, extraterrestrial atmospheres, solar, weather modification)			
(2) Earth Sciences	15.1102 Survey Technology/ Surveying 40.06 Geological and Earth Sciences/Geosciences	40.0601 Geology/Earth Science, General 45.0702 Cartography	(also engineering geophysics, general geology, geodesy and gravity, geomagnetism, hydrology, inorganic, isotopic, lab geophysics, organic geochemistry, paleomagnetism, paleontology, physical geography, seismology)	
(3) Oceanography	26.1302 Marine Biology and Biological Oceanography 40.0607 Oceanography, Chemical and Physical (also biological, chemical, geological, physical)			
(4) Other	(used for multidisciplinary projects within Earth, Atmospheric, and Ocean Sciences)			
d. MATHEMATICAL SCIENCES	14.3701 Operations Research 27.01 Mathematics	27.03 Applied Mathematics 27.05 Statistics	27.99 Mathematics and Statistics, Other 30.08 Mathematics and Computer Science	(also algebra, analysis, foundations and logic, geometry, numerical analysis, topology)

QUESTIONNAIRE FIELD	NCES Classification and Additional Illustrative Disciplines (cont.)					
e. COMPUTER SCIENCES	11. Computer and Information Sciences and Support Services 52.1201 Management Information Systems, General (also design, development, and application of computer capabilities to data storage and manipulation, information science)					
f. LIFE SCIENCES (1) Agricultural	01.03 Agricultural Production Operations 01.0303 Aquaculture 01.07 International Agriculture 01.12 Soil Sciences 03. Natural Resources and Conservation 04.06 Landscape Architecture (also agricultural chemistry, agronomy, animal science, conservation, fish and wildlife, forestry, horticulture)					
(2) Biological	19.05 Foods, Nutrition, and Related Services 26.01 Biology, General 26.0202 Biochemistry 26.0203 Biophysics 26.03 Botany/Plant Biology 26.04 Cell/Cellular Biology and Anatomical Sciences 26.0403 Anatomy 26.05 Microbiological Sciences and Immunology 26.0503 Medical Microbiology and Bacteriology 26.0505 Parasitology 26.0507 Immunology 26.0701 Zoology/Animal Biology 26.0702 Entomology 26.0707 Animal Physiology 26.0799 Zoology/Animal Biology, Other 26.0804 Animal Genetics 26.09 Physiology, Pathology and Related Sciences 26.0910 Pathology/Experimental Pathology 26.1001 Pharmacology 26.1004 Toxicology 26.1101 Biometry/Biometrics 26.1102 Biostatistics 26.1301 Ecology 26.1309 Epidemiology 26.99 Biological and Biomedical Sciences, Other 30.1901 Nutrition Sciences (also allergies and immunology, biogeography, biotechnology, pathology, physical anthropology, virology)					
(3) Medical	26.0209 Radiation Biology/Radiobiology 26.9999 Biological and Biomedical Sciences, Other 30.2401 Neuroscience 51.04 Dentistry (DDS, DMD) Anesthesiology Cardiology Colon and Rectal Surgery Dental/Oral Surgery Dermatology Family Medicine Gastroenterology General Surgery Geriatric Medicine Hematology 51.1201 Medicine (MD) 51.1610 Psychiatric/Mental Health Nurse/Nursing 51.17 Optometry (OD) 51.19 Osteopathic Medicine/Osteopathy (DO) Internal Medicine Medical Programs Other Neonatal-Perinatal Medicine Neurological Surgery Neurology Nuclear Medicine Nuclear Radiology Obstetrics and Gynecology Oncology 51.20 Pharmacy, Pharmaceutical Sciences, and Administration 51.21 Podiatric Medicine/Podiatry (DPM) 51.22 Public Health 51.24 Veterinary Medicine (DVM) ¹ Ophthalmology Orthopedics/Orthopedic Surgery Otorhinolaryngology Pediatrics Pharmacology Physical and Rehabilitative Medicine Plastic Surgery Preventive Medicine Psychiatry Thoracic Surgery Urology (exclude all residency programs)					
(4) Other	30.11 Gerontology 51.02 Communication Disorders Sciences and Services 51.07 Health and Medical Administrative Services 51.10 Clinical/Medical Laboratory Science and Allied Professions 51.16 Nursing 51.2306 Occupational Therapy/Therapist 51.2308 Physical Therapy/Therapist 51.2399 Rehabilitation and Therapeutic Professions, Other 51.99 Health Professions and Related Clinical Sciences, Other (used for multidisciplinary projects within life sciences)					
g. PSYCHOLOGY	42.01 Psychology, General 42.02 Clinical Psychology 42.17 School Psychology 51.2301 Art Therapy/Therapist (also animal behavior, educational, experimental, human development and personality, social)					
h. SOCIAL SCIENCES (1) Economics	01.0103 Agricultural Economics 45.06 Economics 52.06 Business/Managerial Economics (also applied, development, econometrics, industrial, international, labor, public finance and fiscal policy, quantitative, resource)					
(2) Political Science	44.04 Public Administration 44.05 Public Policy Analysis 44.99 Public Administration and Social Service Professions, Other 45.09 International Relations and Affairs 45.10 Political Science and Government (also comparative government, legal systems, political theory, regional studies)					
(3) Sociology	45.02 Anthropology (Social and Cultural only) 45.05 Demography and Population Studies 45.11 Sociology (also comparative and historical, complex organizations, cultural and social structure, group interactions, social problems and welfare theory)					
(4) Other	04.03 City/Urban, Community and Regional Planning 05. Area, Ethnic, Cultural, and Gender Studies 16.0102 Linguistics 43.01 Criminal Justice and Corrections 44.02 Community Organization and Advocacy 45.01 Social Sciences, General 45.03 Archeology 45.07 Geography and Cartography 45.12 Urban Studies/Affairs 45.99 Social Sciences, Other (also history of science, socioeconomic geography)					
i. OTHER, n.e.c.	(used when the multidisciplinary and interdisciplinary aspects make the classification under one primary field impossible)					

¹ Institutions with schools of veterinary medicine should distribute R&D expenditures among the appropriate disciplines (agricultural, biological, and medical) rather than only in medical sciences.

Questions and Answers

This document answers common questions about the academic R&D expenditures survey.

DATA USES AND AVAILABILITY

How are these data typically used?

Congress has directed NSF to provide “a central clearinghouse for the collection, interpretation, and analysis of data on scientific and engineering resources and to provide a source of information for policy formulation by other agencies of the Federal Government...” As part of its response, the Division of Science Resources Statistics (SRS) conducts annual surveys of the research and development (R&D) expenditures at the Nation’s universities and colleges.

Congress and Federal and State government planners use the data for science policy analysis, national and international studies, legislative hearing reports, budget formulation sessions, and other measurements of the adequacy of the Nation’s research base. Academic institutions use the information for policy analysis, publicity, and other purposes. Industrial firms often request data to prepare for on-campus recruiting. The data often appear in higher education studies and publications.

How are the data made available?

NSF’s annual *Academic Research and Development Expenditures Survey* compiles detailed data in a comprehensive document, available on request. Institutional profiles show trend data for responses at the institutional level from all academic science and engineering (S&E) surveys.

Survey data are now available on the Web. To obtain the most recent survey publications and data tables, data files, institutional profiles, and access to WebCASPAR, the Web-based Computer-Aided Science Policy Analysis and Research database system, direct your browser to <http://www.nsf.gov/statistics/>.

FIELD OF SCIENCE CLASSIFICATIONS

How should I assign field classifications for R&D performed in multidisciplinary centers?

Multidisciplinary research should be categorized by individual research project according to the nature of the research performed. When individual projects encompass multiple fields of S&E, prorate expenditures to report the proportions of each discipline involved. Do not lump funds together into “other” field categories unless the type of research is actually defined as “other.” NSF recommends crediting such research to the appropriate S&E discipline when the project first begins.

How should I allocate research dollars spent for computing or supercomputing services?

Report research dollars spent for computer usage to the individual fields of science and engineering for which the R&D is performed. Do not report these funds in computer science, unless computer science research was performed.

What fields should be excluded from the science and engineering totals?

Exclude fields that are considered to be non-science—education, law, humanities, business, music, the arts, library science, and physical education. Note that you would report separately budgeted R&D for the philosophy of science (a science category), but not philosophy (one of the humanities). The NSF/NCES Crosswalk included with the questionnaire lists all S&E fields.

BASIC RESEARCH

How should basic research be calculated?

The percentage of basic research should be defined at the individual grant level by each principal researcher. Where this is not possible, grants should be reviewed by each department head or other relevant research coordinator.

SOURCES OF FUNDING

Should faculty practice plan income be included in the survey?

Expenditures for faculty practice plans are not considered research and should not be included. If income from such plans is used to fund other research and the funds are separately budgeted, then the expenditures should be included in institutional funds.

How much of our administrative costs can be reported in the survey?

Administrative salaries and other administrative costs, particularly at your organized research units, can be reported only if funded through projects specifically restricted and budgeted for research. General administrative costs should not be reported.

How should I report institutional funds?

All research dollars reported for your institution should be funds that are separately budgeted and restricted for research, such as sponsored research accounts or general accounts that are specifically budgeted for research. Do not include funds not specifically budgeted for research.

If your institution does not track underrecovery of indirect costs, use the underrecovery formula included in the questionnaire instructions. Do not forget to include and distribute unreimbursed indirect costs by detailed field in survey Item 2.

Be sure to report all indirect costs related to your institutional funds.

Can I report donated research equipment in the survey?

Since donated research equipment is not typically captured in university accounting systems, the value of donated research equipment should not be reported.

COLLABORATIVE RESEARCH ARRANGEMENTS

Should I report expenditures received through collaborative research ventures with other institutions?

Report only what your institution actually expends and accounts for when participating in joint research ventures.

How do I distinguish between being a subrecipient of pass-through funds and being a subcontractor of R&D services?

For Federal awards, a subrecipient is an entity that receives Federal financial assistance from the State or any other entity to administer a program (OMB Circular A-133, Section .210 (revised)). The subrecipient actually administers or controls the program, as opposed to the subcontractor who contracts for a specific service on a per-unit basis. A key factor in determining if a subrecipient arrangement exists is determining if the entity assumes the responsibility to administer the program. Subrecipients tend to be the co-authors of publications, writers of technical reports discussing findings, inventors, etc. Unlike a subrecipient relationship, a subcontract is a procurement of goods and/or services. Payments to subcontractors are expenditures for services, not expenditures for research, and are different from pass-through funds to subrecipients.

ORGANIZATIONAL UNITS

Which organizational units should I include in the survey?

Include research conducted through units that are considered part of your institution's organizational structure. For example, report expenditures from branch campuses, medical schools, agricultural stations, research centers and institutes, and any other units whose expenditures are separately budgeted **and are accounted for by your institution's financial system**. Exclude R&D expenditures performed by federally funded research and development centers (FFRDCs), nonprofit institutions, and private laboratories. Do not report salaries of faculty doing research at outside institutions unless your institution accounts for the funding of that research.

For more information, contact Survey Support at 1-866-349-8626 or expweb@qrc.com. For general questions regarding survey procedures and data reporting, contact Ronda Britt of NSF at rbritt@nsf.gov or (703) 292-7765.



NATIONAL SCIENCE FOUNDATION
ARLINGTON, VA 22230

SURVEY OF RESEARCH AND DEVELOPMENT EXPENDITURES AT FFRDCS FY 2006

Please submit your survey data by January 30, 2007.

The Web address for submitting your data:

<http://www.qrc.com/expweb>

Or, mail this form to:

ORC Macro
7315 Wisconsin Avenue, Suite 400W
Bethesda, MD 20814-3202

Or, e-mail your response to:

expweb@qrc.com

The Web password and user ID were e-mailed to each institution. If you have any questions about this or any other issue, please call: Survey Support at ORC Macro, 1-866-349-8626. For general survey questions, you may also contact Ronda Britt of NSF at rbritt@nsf.gov or (703) 292-7765.

Your cooperation in returning the survey questionnaire promptly is very important. This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. Your response is entirely voluntary; your failure to provide some or all of the information will in no way adversely affect your institution.

Report data for your institution's 2006 fiscal year. All financial data requested on this form should be reported in thousands of dollars; for example, an expenditure of \$25,342 should be rounded to the nearest thousand dollars and reported as \$25.

Where exact data are not available, estimates are acceptable. Your estimates will be better than ours.

It is estimated that response to this survey will require 4 hours. If you wish to comment on this burden, please contact Suzanne H. Plimpton of NSF at (703) 292-7556, or e-mail splimpto@nsf.gov.

Scope:

This survey contains one question which requests data on *current fund expenditures* by source of funds for separately budgeted research and development (R&D). Definitions used are compatible with OMB Circular A-21, revised May 10, 2004.

Definitions:

Research and Development (R&D). R&D for purposes of this survey is the same as "organized research" as defined in Section B.1.b. of OMB Circular A-21 (revised). It includes all R&D activities that are separately budgeted and accounted for.

Research is systematic study directed toward fuller knowledge or understanding of the subject studied. Research is classified as either basic or applied, according to the objectives of the investigator.

Development is systematic use of the knowledge or understanding gained from research, directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

Current fund expenditures. These are expenditures of funds available for current operations. Such expenditures include all unrestricted gifts and restricted current funds to the extent that such funds were expended for current operating purposes.

Please circle the month in which your institution's fiscal year begins:

Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

Primary Contact—Person who is responsible for your institution's survey answers:

Name (Mr., Mrs., Ms., Dr. (circle one)):	
Title:	E-mail:
Telephone number:	Fax:
Address:	Date submitted:

Alternate Contact—Person to contact if the Primary Contact is unavailable. This person should know that you are the Primary Contact for the survey. Examples include your supervisor, the data preparer, or another coworker:

Name (Mr., Mrs., Ms., Dr. (circle one)):	
Title:	E-mail:
Telephone number:	Fax:

Instructions

Separately budgeted research and development (R&D) includes all funds expended for activities specifically organized to produce research outcomes and commissioned by an agency either external to the institution or separately budgeted by an organizational unit within the institution. *Include* research equipment purchased under research project awards from “current fund” accounts. Also *include* research funds for which an outside organization is a subrecipient. *Exclude* training grants, public service grants, demonstration projects, clinical trials, and research expenditures that are not separately budgeted. Allocate funding to the original sources whenever possible, as specified below. If this information is unknown, report the proximate funding source.

Total

- a. **Federal Government.** Report awards for R&D (including direct and reimbursed indirect costs) by all agencies of the Federal Government.
- b. **State and local governments.** Include funds for R&D (including direct and reimbursed indirect costs) from State, county, municipal, or other local governments and their agencies.
- c. **Industry.** Include all awards for R&D (including direct and reimbursed indirect costs) from profit-making organizations, whether engaged in production, distribution, research, service, or other activities. Do not include awards from nonprofit foundations financed by industry; these should be included under “All other sources.”
- d. **Institution funds.** Report funds, *including* related indirect costs, that your institution spent for R&D activities from the following unrestricted sources: general-purpose awards from industry, foundations, or other outside sources, and other institutional funds. In addition, estimate your institution’s unreimbursed indirect costs associated with externally funded R&D projects, including mandatory and voluntary cost sharing. To estimate unreimbursed indirect costs, preferably on a project-by-project basis, use your appropriate **negotiated research indirect cost rate(s)** multiplied by the corresponding base(s) minus actual indirect cost recovery.
- e. **All other sources.** Include awards for R&D (including direct and reimbursed indirect costs) from nonprofit foundations and voluntary health agencies as well as from all other sources not elsewhere classified. Also include gifts from individuals that are restricted by the donor to research. Funds from foundations that are affiliated with, or granted solely to your institution, should be included under “Institution funds.” Funds for R&D received from a health agency that is a unit of a State or local government should be included under “State and local governments.”

How much of your current fund expenditures for separately budgeted research and development in the sciences and engineering (including indirect costs) came from the following sources in FY 2006?

Source of Funds	Line No.	(1) Total (Dollars in thousands)	(2) What Percentage of Federal & Total Funds Are Basic Research?	
a. Federal Government	1110	\$	_____ %	BASIC RESEARCH Please provide the percentages of Federal and total expenditures that are basic research (not applied research) as defined in column (2).
b. State and local governments	1125		Basic research is directed toward an increase of knowledge; it is research where the primary aim of the investigator is a fuller knowledge or understanding of the subject under study rather than a specific application thereof.	
c. Industry	1150			
d. Institution funds (sum of lines 1161 and 1162)	1160			
(1) Institutionally financed organized research	1161			
(2) Unreimbursed indirect costs and related sponsored research	1162			
e. All other sources	1175			CONFIDENTIALITY Information received from individual institutions in lines d(1) and d(2), or estimates for basic research expenditures, will NOT be published or released; only aggregate totals will appear in tabulations.
f. TOTAL (sum of a through e)	1100	\$	_____ %	

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Ronda Britt, project officer. Arlington, VA.

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