

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.