

Table B-3. R&D expenditures at universities and colleges, by source of funds and science and engineering field: fiscal years 1993-2000

[Dollars in thousands]

Source and field	1993	1994	1995	1996	1997	1998	1999	2000
Total	19,950,563	21,022,253	22,164,533	23,038,788	24,361,885	25,845,936	27,529,206	30,062,371
	Source of funds							
Federal Government	11,956,290	12,645,720	13,327,508	13,835,232	14,308,570	15,143,938	16,069,908	17,493,473
State and local government	1,558,686	1,553,783	1,688,926	1,810,726	1,908,899	1,943,557	2,024,446	2,204,263
Industry	1,360,357	1,422,170	1,488,895	1,605,258	1,736,668	1,888,171	2,036,037	2,178,252
Institutional funds	3,589,059	3,826,597	4,046,461	4,169,345	4,696,531	5,000,926	5,400,038	5,924,491
All other sources	1,486,171	1,573,983	1,612,743	1,618,227	1,711,217	1,869,344	1,998,777	2,261,892
	Field							
Engineering	3,155,737	3,354,969	3,515,040	3,707,054	3,838,747	4,068,829	4,261,387	4,550,315
Aeronautical and astronautical	212,601	217,376	241,069	232,942	246,966	249,684	260,347	252,276
Bioengineering/bio- medical	--	--	--	--	76,791	101,957	136,852	172,023
Chemical	273,632	278,687	297,060	317,186	316,667	327,074	348,986	374,310
Civil	371,417	402,837	430,781	454,629	471,802	494,823	529,533	595,969
Electrical	698,129	744,822	818,608	887,715	941,920	1,042,288	1,017,024	1,112,799
Mechanical	482,874	502,244	520,646	519,107	517,587	567,751	626,073	631,910
Metallurgical and materials	298,923	310,064	329,864	349,401	388,821	391,388	384,267	398,995
Other, n.e.c.	818,161	898,939	877,012	946,074	878,193	893,864	958,305	1,012,033
All sciences	16,794,826	17,667,284	18,649,493	19,331,734	20,523,138	21,777,107	23,267,819	25,512,056
Physical sciences	2,130,401	2,176,805	2,255,209	2,256,866	2,369,908	2,481,658	2,603,943	2,705,907
Astronomy	258,520	267,183	303,572	275,754	287,336	302,308	389,444	390,820
Chemistry	740,317	759,425	771,027	801,302	820,120	875,506	918,197	958,942
Physics	940,495	956,868	989,157	987,210	1,058,208	1,078,127	1,143,826	1,198,725
Other, n.e.c.	191,069	193,329	191,453	192,600	204,244	225,717	152,476	157,420
Environmental sciences	1,318,891	1,396,039	1,433,034	1,488,191	1,531,979	1,623,600	1,691,011	1,768,760
Atmospheric	210,403	203,205	208,084	224,459	245,499	269,167	288,142	288,617
Earth sciences	416,591	454,853	456,283	445,478	449,004	512,896	544,751	566,414
Oceanography	458,086	455,160	473,344	533,400	536,630	545,585	604,040	631,532
Other, n.e.c.	233,811	282,821	295,323	284,854	300,846	295,952	254,078	282,197
Mathematical sciences	272,248	281,737	278,595	288,160	289,342	310,199	313,111	340,683
Computer sciences	607,679	645,956	682,074	689,807	709,238	746,138	860,705	878,416
Life sciences	10,851,322	11,466,076	12,185,668	12,713,003	13,587,569	14,592,547	15,631,696	17,479,853
Agricultural sciences	1,558,111	1,661,335	1,814,246	1,910,064	1,966,003	1,995,484	2,036,295	2,178,645
Biological sciences	3,536,448	3,708,945	3,833,691	3,909,191	4,180,017	4,580,587	5,033,339	5,609,198
Medical sciences	5,323,768	5,638,536	6,069,977	6,390,735	6,907,794	7,471,677	8,008,783	9,002,562
Other, n.e.c.	432,995	457,260	467,754	503,013	533,755	544,799	553,279	689,448
Psychology	349,709	358,208	370,427	381,432	396,053	444,163	464,314	516,365
Social sciences	896,287	953,764	1,018,894	1,096,582	1,125,250	1,131,131	1,253,512	1,295,905
Economics	231,247	243,040	250,307	271,396	260,679	261,004	266,250	254,927
Political science	151,085	160,527	173,005	179,755	175,449	175,500	201,492	227,175
Sociology	183,354	195,891	215,118	230,648	257,283	252,748	272,075	301,890
Other, n.e.c.	330,601	354,306	380,464	414,783	431,839	441,879	513,695	511,913
Other sciences, n.e.c.	368,289	388,699	425,592	417,693	513,799	447,671	449,527	526,167

KEY: -- = not available
n.e.c. = not elsewhere classified

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000