

Table B-71. R&D expenditures at university-administered federally funded research and development centers, by science and engineering field: fiscal years 1993-2000

[Dollars in thousands]

Field	1993	1994	1995	1996	1997	1998	1999	2000
Total	5,295,403	5,270,884	5,363,351	5,380,278	5,440,490	5,531,324	5,643,676	5,675,275
Engineering	1,713,257	1,786,215	1,939,425	1,869,832	2,041,582	2,196,497	2,168,580	2,169,524
Aeronautical and astronautical	158,952	223,562	339,325	332,884	370,590	386,771	400,690	353,280
Bioengineering/bio- medical	--	--	--	--	40,515	46,169	53,023	46,998
Chemical	76,470	78,613	68,742	68,650	63,124	60,804	63,364	63,963
Civil	32,575	30,703	31,354	29,427	36,073	41,129	45,527	196,827
Electrical	534,275	508,204	460,668	468,574	474,815	600,297	557,583	552,463
Mechanical	417,492	502,033	535,102	549,156	539,365	600,921	591,379	579,229
Metallurgical and materials	131,835	64,274	65,889	62,109	63,378	62,442	63,881	70,031
Other, n.e.c.	361,658	378,826	438,345	359,032	453,722	397,964	393,133	306,733
All sciences	3,582,146	3,484,669	3,423,926	3,510,446	3,398,908	3,334,827	3,475,096	3,505,751
Physical sciences	2,209,274	2,155,549	2,182,412	2,163,671	2,103,076	1,974,459	2,073,687	1,934,516
Astronomy	145,361	157,987	141,826	147,269	132,459	142,924	145,110	144,164
Chemistry	281,492	273,236	251,704	244,274	253,451	266,992	277,312	288,104
Physics	1,674,567	1,630,359	1,688,458	1,625,074	1,439,675	1,327,239	1,381,658	1,381,320
Other, n.e.c.	107,854	93,967	100,424	147,054	277,491	237,304	269,607	120,928
Environmental sciences	344,502	396,919	368,294	400,512	462,826	468,718	433,122	410,175
Atmospheric	156,327	183,995	187,953	208,820	227,590	202,661	194,671	177,450
Earth sciences	62,907	59,455	50,864	63,337	123,509	164,524	146,924	146,006
Oceanography	17,185	13,406	11,997	12,489	2,526	80	0	0
Other, n.e.c.	108,083	140,063	117,480	115,866	109,201	101,453	91,527	86,719
Mathematical sciences	119,938	113,971	83,330	98,501	29,504	29,747	46,684	191,600
Computer sciences	649,363	618,965	572,435	626,078	652,078	699,167	719,606	774,932
Life sciences	191,261	122,311	120,484	126,482	134,090	150,483	181,799	176,147
Agricultural sciences	1,077	1,216	1,067	1,286	1,320	0	0	0
Biological sciences	136,797	99,479	90,100	105,354	101,212	122,085	137,946	152,125
Medical sciences	14,897	13,059	20,875	13,663	19,448	18,832	29,557	11,348
Other, n.e.c.	38,490	8,557	8,442	6,179	12,110	9,566	14,296	12,674
Psychology	887	807	0	600	602	0	0	0
Social sciences	21,729	10,594	9,047	7,660	625	0	564	0
Economics	578	540	338	294	317	0	560	0
Political science	5,350	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0
Other, n.e.c.	15,801	10,054	8,709	7,366	308	0	4	0
Other sciences, n.e.c.	45,192	65,553	87,924	86,942	16,107	12,253	19,634	18,381

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