

Table B-13. Federally financed R&D expenditures at private universities and colleges, by science and engineering field: fiscal years 1993-2000

[Dollars in thousands]

Field	1993	1994	1995	1996	1997	1998	1999	2000
Total	4,784,429	5,009,911	5,227,822	5,370,625	5,739,611	6,073,862	6,379,883	6,855,593
Engineering	786,229	814,193	824,791	847,857	883,604	912,559	924,708	935,634
Aeronautical and aeronautical	70,679	78,836	85,399	79,479	82,486	73,993	61,753	60,575
Bioengineering/bio- medical	--	--	--	--	18,406	30,148	42,670	49,143
Chemical	53,611	56,431	60,399	58,276	52,205	52,306	60,346	65,219
Civil	42,684	44,307	44,399	46,679	45,183	40,660	48,640	51,925
Electrical	217,738	219,367	221,575	237,521	247,180	259,469	235,046	241,900
Mechanical	149,072	156,569	140,400	129,545	143,506	158,575	165,184	164,691
Metallurgical and materials	50,750	45,311	52,032	64,199	74,054	75,468	77,228	74,722
Other, n.e.c.	201,695	213,372	220,587	232,158	220,584	221,940	233,841	227,459
All sciences	3,998,200	4,195,718	4,403,031	4,522,768	4,856,007	5,161,303	5,455,175	5,919,959
Physical sciences	619,989	641,280	670,473	683,232	736,503	757,703	805,595	774,131
Astronomy	65,794	66,994	73,465	73,978	84,471	77,818	143,674	132,837
Chemistry	185,331	189,160	191,673	201,904	201,444	225,056	233,988	218,524
Physics	318,032	336,063	355,089	352,561	386,535	388,263	355,672	352,191
Other, n.e.c.	50,832	49,063	50,246	54,789	64,053	66,566	72,261	70,579
Environmental sciences	240,145	251,931	244,107	242,177	258,931	288,387	277,956	278,739
Atmospheric	32,316	35,298	29,622	28,320	29,775	37,501	46,836	48,004
Earth sciences	83,074	88,601	90,587	93,292	96,676	111,313	99,474	87,068
Oceanography	77,468	47,767	42,486	40,671	42,099	48,381	80,750	81,194
Other, n.e.c.	47,287	80,265	81,412	79,894	90,381	91,192	50,896	62,473
Mathematical sciences	102,010	100,493	97,825	100,218	94,939	98,335	100,083	106,092
Computer sciences	255,783	268,406	275,676	291,938	296,484	282,810	297,469	276,325
Life sciences	2,576,162	2,717,784	2,871,705	2,962,268	3,198,593	3,457,449	3,713,607	4,203,975
Agricultural sciences	16,676	19,612	19,793	17,086	26,494	25,216	17,250	18,444
Biological sciences	983,878	1,036,722	1,064,743	1,067,249	1,151,207	1,262,740	1,364,398	1,514,283
Medical sciences	1,444,099	1,521,619	1,651,112	1,744,174	1,880,964	2,012,839	2,166,287	2,485,149
Other, n.e.c.	131,509	139,831	136,057	133,759	139,928	156,654	165,672	186,099
Psychology	76,081	74,251	71,953	70,339	72,811	82,764	89,781	102,197
Social sciences	94,700	105,897	114,008	115,684	114,346	114,767	116,671	125,109
Economics	11,073	12,167	14,647	17,988	24,930	26,440	21,634	20,630
Political science	20,702	25,871	30,061	30,343	24,353	24,668	24,467	30,830
Sociology	26,871	29,914	28,563	32,664	32,726	33,304	37,643	40,284
Other, n.e.c.	36,054	37,945	40,737	34,689	32,337	30,355	32,927	33,365
Other sciences, n.e.c.	33,330	35,676	57,284	56,912	83,400	79,088	54,013	53,391

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