

Table B-72. Federally financed 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	5,241,537	5,202,526	5,272,548	5,299,366	5,321,913	5,404,630	5,484,686	5,517,119
Engineering	1,700,839	1,769,468	1,914,876	1,849,464	2,005,888	2,156,261	2,127,385	2,132,074
Aeronautical and astronautical	158,832	222,178	338,161	331,875	369,335	385,600	399,211	352,714
Bioengineering/bio- medical	--	--	--	--	39,913	45,386	52,097	46,250
Chemical	75,541	77,714	67,841	67,713	61,745	59,482	62,079	62,909
Civil	32,050	30,275	30,960	29,067	35,511	40,425	44,736	193,814
Electrical	531,629	503,721	453,185	462,651	464,213	587,828	544,458	540,201
Mechanical	415,151	497,730	525,487	542,243	526,898	586,198	576,737	565,745
Metallurgical and materials	130,109	63,828	65,464	61,715	62,874	61,881	63,255	69,361
Other, n.e.c.	357,527	374,022	433,778	354,200	445,399	389,461	384,812	301,080
All sciences	3,540,698	3,433,058	3,357,672	3,449,902	3,316,025	3,248,369	3,357,301	3,385,045
Physical sciences	2,187,407	2,132,477	2,147,101	2,138,207	2,065,092	1,927,157	2,015,409	1,883,008
Astronomy	144,302	157,580	141,621	147,037	131,688	142,756	144,698	143,821
Chemistry	277,458	270,088	247,826	241,416	248,001	260,439	270,105	281,390
Physics	1,663,784	1,617,090	1,662,116	1,606,907	1,414,325	1,300,773	1,353,689	1,357,436
Other, n.e.c.	101,863	87,719	95,538	142,847	271,078	223,189	246,917	100,361
Environmental sciences	335,223	378,043	352,146	382,726	441,900	449,889	405,265	382,366
Atmospheric	149,637	169,125	176,071	194,896	214,027	191,968	184,636	167,969
Earth sciences	61,990	58,355	49,644	62,095	120,258	159,533	131,956	129,787
Oceanography	17,185	13,406	11,997	12,489	2,526	78	0	0
Other, n.e.c.	106,411	137,157	114,434	113,246	105,089	98,310	88,673	84,610
Mathematical sciences	118,872	112,468	81,796	96,973	28,694	28,890	45,519	187,588
Computer sciences	647,575	616,498	568,227	623,471	646,633	691,995	708,997	762,341
Life sciences	185,328	118,182	113,092	115,446	119,877	141,277	165,838	153,789
Agricultural sciences	1,077	1,216	1,067	1,286	1,320	0	0	0
Biological sciences	131,711	95,702	84,366	96,070	88,679	116,272	125,311	133,163
Medical sciences	14,619	12,784	19,277	11,960	17,881	15,561	26,414	8,152
Other, n.e.c.	37,921	8,480	8,382	6,130	11,997	9,444	14,113	12,474
Psychology	887	806	0	600	602	0	0	0
Social sciences	21,404	10,465	8,945	7,580	625	0	564	0
Economics	578	540	338	294	317	0	560	0
Political science	5,264	0	0	0	0	0	0	0
Sociology	0	0	0	0	0	0	0	0
Other, n.e.c.	15,562	9,925	8,607	7,286	308	0	4	0
Other sciences, n.e.c.	44,002	64,119	86,365	84,899	12,602	9,161	15,709	15,953

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