

TABLE 11. Federally financed R&D expenditures at private universities and colleges, by science and engineering field: FY 1999–2006

(Dollars in thousands)

Field	1999	2000	2001	2002	2003	2004	2005	2006
All federal R&D expenditures	6,387,184	6,883,615	7,506,747	8,459,684	9,453,138	10,679,926	11,288,115	11,568,938
Science	5,462,362	5,938,156	6,486,071	7,283,213	8,120,155	9,235,312	9,745,108	9,992,034
Computer sciences	297,881	277,376	308,868	373,360	389,532	422,136	439,037	462,145
Environmental sciences	278,097	281,272	280,077	300,897	328,494	384,236	397,983	405,369
Atmospheric sciences	46,837	48,040	47,713	47,628	56,819	75,323	54,912	75,333
Earth sciences	99,554	89,542	85,896	94,536	101,555	118,789	129,249	126,317
Oceanography	80,760	81,203	83,308	95,667	100,937	110,169	118,501	107,795
Environmental sciences, nec	50,946	62,487	63,160	63,066	69,183	79,955	95,321	95,924
Life sciences	3,717,234	4,208,004	4,699,049	5,317,260	5,981,059	6,884,263	7,308,503	7,515,134
Agricultural sciences	17,289	18,484	22,585	23,575	27,957	30,883	33,327	37,704
Biological sciences	1,368,069	1,519,771	1,675,507	1,870,255	2,061,044	2,503,350	2,705,836	2,693,904
Medical sciences	2,166,230	2,484,860	2,810,072	3,204,096	3,643,196	4,095,125	4,270,340	4,545,789
Life sciences, nec	165,646	184,889	190,885	219,334	248,862	254,905	299,000	237,737
Mathematical sciences	100,249	106,273	106,911	109,844	117,510	131,380	141,674	150,039
Physical sciences	806,735	777,285	790,770	828,174	925,257	1,007,485	1,024,701	1,013,353
Astronomy	143,857	132,076	121,195	121,742	116,095	130,578	131,161	126,539
Chemistry	234,680	220,144	221,231	227,098	251,654	283,341	285,667	301,908
Physics	355,936	354,632	367,302	384,451	435,722	462,927	479,507	466,827
Physical sciences, nec	72,262	70,433	81,042	94,883	121,786	130,639	128,366	118,079
Psychology	89,956	102,454	116,315	137,238	159,492	173,034	176,514	179,434
Social sciences	116,702	124,878	134,130	142,358	140,522	151,661	158,168	159,945
Economics	21,758	20,620	18,453	18,192	20,489	22,917	20,819	23,684
Political sciences	24,516	31,757	35,304	41,025	38,127	47,206	48,557	42,781
Sociology	37,557	39,665	38,247	40,059	41,796	45,708	50,522	50,818
Social sciences, nec	32,871	32,836	42,126	43,082	40,110	35,830	38,270	42,662
Sciences, nec	55,508	60,614	49,951	74,082	78,289	81,117	98,528	106,615
Engineering	924,822	945,459	1,020,676	1,176,471	1,332,983	1,444,614	1,543,007	1,576,904
Aeronautical/astronautical engineering	61,866	65,479	78,989	88,209	98,903	105,098	136,927	103,575
Bioengineering/biomedical engineering	42,671	49,452	57,072	70,348	97,403	117,122	135,238	147,387
Chemical engineering	60,341	65,548	73,339	78,124	80,427	85,495	82,155	97,048
Civil engineering	48,640	56,079	59,980	71,923	76,953	80,724	71,135	67,360
Electrical engineering	235,051	248,584	263,269	294,590	329,272	337,768	358,690	369,337
Mechanical engineering	165,184	164,898	176,231	201,267	214,096	233,193	260,112	292,036
Metallurgical/materials engineering	77,228	74,600	71,818	83,128	101,377	113,904	124,194	125,856
Engineering, nec	233,841	220,819	239,978	288,882	334,552	371,310	374,556	374,305

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.