TABLE 5. Federally financed R&D expenditures at universities and colleges, by science and engineering field: FY 2000–07

(Dollars in thousands)

Field	2000	2001	2002	2003	2004	2005	2006	2007
All federal R&D expenditures	17,547,632	19,244,082	21,873,227	24,770,506	27,643,985	29,203,273	30,123,700	30,440,745
Science	14,966,638	16,390,457	18,640,096	21,156,182	23,735,618	25,072,368	25,818,631	25,978,817
Computer sciences	583,714	644,366	770,374	937,084	1,025,138	1,022,274	1,017,103	1,013,649
Environmental sciences	1,134,506	1,186,852	1,291,705	1,446,241	1,596,309	1,729,783	1,767,913	1,834,740
Atmospheric sciences	223,240	233,229	250,302	297,790	320,857	361,857	406,604	386,786
Earth sciences	331,718	329,282	370,248	439,959	536,901	615,680	591,590	597,139
Oceanography	422,521	449,180	485,767	537,255	546,973	545,497	560,981	672,884
Environmental sciences, nec	157,027	175,161	185,388	171,237	191,578	206,749	208,738	177,931
Life sciences	10,069,563	11,201,522	12,856,566	14,652,483	16,667,462	17,691,790	18,278,705	18,347,934
Agricultural sciences	578,787	616,649	689,286	764,261	866,940	844,408	883,477	896,573
Biological sciences	3,658,744	3,874,394	4,424,112	5,019,136	5,743,895	6,198,491	6,246,103	6,199,005
Medical sciences	5,441,910	6,259,575	7,206,642	8,242,517	9,389,025	9,895,887	10,437,593	10,574,346
Life sciences, nec	390,122	450,904	536,526	626,569	667,602	753,004	711,532	678,010
Mathematical sciences	230,025	242,199	268,533	294,745	317,889	346,294	374,933	408,082
Physical sciences	1,915,966	1,973,710	2,131,921	2,356,654	2,569,310	2,672,209	2,698,774	2,677,165
Astronomy	276,766	260,002	277,644	271,580	289,272	310,886	317,415	301,847
Chemistry	631,606	660,602	737,140	819,638	921,226	952,126	967,923	969,150
Physics	902,149	927,116	975,393	1,088,485	1,169,353	1,226,969	1,214,806	1,218,828
Physical sciences, nec	105,445	125,990	141,744	176,951	189,459	182,228	198,630	187,340
Psychology	350,851	399,001	476,062	553,713	586,837	610,541	629,037	599,882
Social sciences	490,960	548,155	618,073	668,503	696,984	697,574	711,700	755,300
Economics	89,185	89,775	99,787	106,433	109,044	108,928	120,188	124,802
Political sciences	62,906	73,754	79,964	97,222	112,762	112,798	106,835	129,141
Sociology	137,075	148,617	178,370	179,658	181,784	193,061	216,187	206,012
Social sciences, nec	201,794	236,009	259,952	285,190	293,394	282,787	268,490	295,345
Sciences, nec	191,053	194,652	226,862	246,759	275,689	301,903	340,466	342,065
Engineering	2,580,994	2,853,625	3,233,131	3,614,324	3,908,367	4,130,905	4,305,069	4,461,928
Aeronautical/astronautical engineering	183,376	257,255	250,255	309,384	334,079	335,135	287,369	293,693
Bioengineering/biomedical engineering	90,787	120,898	167,332	190,493	235,943	255,387	294,695	320,317
Chemical engineering	196,325	214,859	230,157	248,086	268,139	295,329	319,985	323,587
Civil engineering	237,073	264,779	300,479	326,774	347,843	337,634	334,556	360,742
Electrical engineering	701,038	726,426	819,667	925,843	971,295	1,047,634	1,076,228	1,103,339
Mechanical engineering	383,421	416,476	508,059	532,644	587,806	626,832	685,387	699,866
Metallurgical/materials engineering	226,743	240,875	262,898	313,784	352,062	369,214	386,123	381,909
Engineering, nec	562,231	612,057	694,284	767,316	811,200	863,740	920,726	978,475

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 2007.