

TABLE 14. Higher education R&D expenditures for equipment, by R&D field, source of funds, and institutional control: FY 2010
(Dollars in thousands)

Field	All expenditures			Federal			Nonfederal		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
All R&D fields	2,147,883	1,456,653	691,230	1,351,145	878,794	472,351	796,738	577,859	218,879
Science	1,601,865	1,071,033	530,832	1,043,971	659,705	384,266	557,894	411,328	146,566
Computer sciences	64,614	47,247	17,367	45,796	35,764	10,032	18,818	11,483	7,335
Environmental sciences	150,988	130,848	20,140	115,751	98,906	16,845	35,237	31,942	3,295
Atmospheric sciences	23,745	18,149	5,596	19,658	14,676	4,982	4,087	3,473	614
Earth sciences	52,345	41,823	10,522	35,635	26,910	8,725	16,710	14,913	1,797
Oceanography	58,091	56,280	1,811	46,563	45,345	1,218	11,528	10,935	593
Environmental sciences, nec	16,807	14,596	2,211	13,895	11,975	1,920	2,912	2,621	291
Life sciences	905,489	590,057	315,432	569,026	326,409	242,617	336,463	263,648	72,815
Agricultural sciences	79,396	72,713	6,683	24,896	24,369	527	54,500	48,344	6,156
Biological sciences	394,109	239,090	155,019	279,326	150,736	128,590	114,783	88,354	26,429
Medical sciences	389,483	250,263	139,220	240,718	136,127	104,591	148,765	114,136	34,629
Life sciences, nec	42,501	27,991	14,510	24,086	15,177	8,909	18,415	12,814	5,601
Mathematical sciences	7,874	2,951	4,923	5,145	2,306	2,839	2,729	645	2,084
Physical sciences	363,244	244,606	118,638	274,799	173,345	101,454	88,445	71,261	17,184
Astronomy	23,853	15,380	8,473	18,711	10,827	7,884	5,142	4,553	589
Chemistry	162,016	115,518	46,498	112,875	76,780	36,095	49,141	38,738	10,403
Physics	153,517	104,877	48,640	125,443	80,629	44,814	28,074	24,248	3,826
Physical sciences, nec	23,858	8,831	15,027	17,770	5,109	12,661	6,088	3,722	2,366
Psychology	16,710	11,602	5,108	11,811	7,236	4,575	4,899	4,366	533
Social sciences	14,765	12,217	2,548	6,598	5,012	1,586	8,167	7,205	962
Economics	1,322	882	440	560	355	205	762	527	235
Political sciences	1,261	924	337	658	625	33	603	299	304
Sociology	1,709	1,268	441	951	599	352	758	669	89
Social sciences, nec	10,473	9,143	1,330	4,429	3,433	996	6,044	5,710	334
Sciences, nec	78,181	31,505	46,676	15,045	10,727	4,318	63,136	20,778	42,358
Engineering	512,050	359,448	152,602	297,411	210,756	86,655	214,639	148,692	65,947
Aeronautical/astronautical engineering	34,479	20,405	14,074	18,680	15,573	3,107	15,799	4,832	10,967
Bioengineering/biomedical engineering	39,291	28,703	10,588	24,913	16,535	8,378	14,378	12,168	2,210
Chemical engineering	50,931	37,524	13,407	26,216	17,569	8,647	24,715	19,955	4,760
Civil engineering	34,922	28,717	6,205	16,251	11,472	4,779	18,671	17,245	1,426
Electrical engineering	111,851	83,851	28,000	76,764	57,304	19,460	35,087	26,547	8,540
Mechanical engineering	97,606	57,739	39,867	55,563	38,605	16,958	42,043	19,134	22,909
Metallurgical/materials engineering	65,363	51,868	13,495	30,780	21,151	9,629	34,583	30,717	3,866
Engineering, nec	77,607	50,641	26,966	48,244	32,547	15,697	29,363	18,094	11,269
Non-S&E	33,968	26,172	7,796	9,763	8,333	1,430	24,205	17,839	6,366
Business and management	7,972	3,482	4,490	1,160	974	186	6,812	2,508	4,304
Communications, journalism, and library science	7,871	7,465	406	951	589	362	6,920	6,876	44
Education	6,160	5,492	668	4,264	3,886	378	1,896	1,606	290
Humanities	1,598	876	722	162	116	46	1,436	760	676
Law	451	441	10	17	16	1	434	425	9
Social work	290	248	42	67	67	0	223	181	42
Visual and performing arts	503	413	90	6	6	0	497	407	90
Non-S&E, nec	9,123	7,755	1,368	3,136	2,679	457	5,987	5,076	911

nec = not elsewhere classified; S&E = science and engineering.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2010.