

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
United States	40,077,399	2,187,841	23,763,981	1,733,373	3,272,629	768,730	1,661,090	690,934	5,998,821
Public	27,355,031	1,777,855	15,601,505	1,114,893	2,182,370	568,145	1,334,513	500,850	4,274,900
Private	12,722,368	409,986	8,162,476	618,480	1,090,259	200,585	326,577	190,084	1,723,921
Alabama	557,859	11,577	393,671	13,064	26,533	10,349	9,365	5,413	87,887
Public	547,242	11,571	386,681	13,030	26,138	10,349	7,233	5,413	86,827
AL A&M U.	36,856	0 i	26,391 i	1,652 i	5,426 i	0 i	511 i	1,426 i	1,450 i
AL State U.	1,633	0	1,361	210	0	0	62	0	0
Auburn U. all campuses	124,103	1,192	75,770	693	4,333	304	2,380	3,860	35,571
U. AL Birmingham, The	284,497	0	262,742	1,189	2,673	7,266	1,407	0	9,220
U. AL Huntsville, The	46,595	6,879	2,214	6,570	9,704	22	116	86	21,004
U. AL, The	34,187	2,353	3,877	2,480	3,754	2,549	1,942	41	17,191
U. South AL	19,371	1,147	14,326	236	248	208	815	0	2,391
Private	10,617	6	6,990	34	395	0	2,132	0	1,060
Miles C.	0	0	0	0	0	0	0	0	0
Oakwood C.	479 i	6 i	278 i	19 i	176 i	0 i	0 i	0 i	0 i
Selma U.	0	0	0	0	0	0	0	0	0
Talladega C.	71	0	40	15	16	0	0	0	0
Tuskegee U.	10,067	0	6,672	0	203	0	2,132	0	1,060
Alaska	140,641	75,017	25,800	12,117	822	38	1,374	13,945	11,528
Public	140,641	75,017	25,800	12,117	822	38	1,374	13,945	11,528
U. AK Anchorage all campuses	10,816	0 i	0 i	0 i	0 i	0 i	0 i	10,816 i	0 i
U. AK Fairbanks all campuses	128,916	74,882	25,521	12,035	693	0	1,312	3,066	11,407
U. AK Southeast all campuses	909	135 i	279 i	82 i	129 i	38 i	62 i	63 i	121 i
Arizona	617,978	23,424	294,500	16,439	131,452	12,175	31,814	5,582	102,592
Public	617,978	23,424	294,500	16,439	131,452	12,175	31,814	5,582	102,592
AZ State U. main campus	145,591	10,985	32,025	6,898	19,896	8,323	10,468	5,464	51,532
Northern AZ U.	17,446	1,326	13,618	133	900	32	972	27	438
U. AZ	454,941	11,113	248,857	9,408	110,656	3,820	20,374	91	50,622
Arkansas	183,183	5,816	126,002	4,124	11,661	2,760	3,902	9,470	19,448
Public	183,183	5,816	126,002	4,124	11,661	2,760	3,902	9,470	19,448
AR State U. main campus	2,634	236	1,447	3	632	52	139	0	125
AR Tech U.	539 i	203 i	231 i	1 i	10 i	0 i	11 i	0 i	83 i
U. AR for Medical Sciences	63,677	0	63,677	0	0	0	0	0	0
U. AR Little Rock	24,284	1,361 i	2,042 i	2,762 i	978 i	2,000 i	0 i	9,315 i	5,826 i
U. AR main campus	82,277	3,518	51,878	1,057	9,073	607	3,308	0	12,836
U. AR Pine Bluff	6,543	0	5,776	0	533	0	234	0	0
U. Central AR	3,229	498 i	951 i	301 i	435 i	101 i	210 i	155 i	578 i

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Private	0	0	0	0	0	0	0	0	0
Philander Smith C.	0	0	0	0	0	0	0	0	0
California	5,362,683	311,796	3,105,124	296,727	577,672	84,798	207,041	75,498	704,027
Public	4,002,320	266,001	2,425,106	170,941	360,406	70,017	181,587	60,165	468,097
CA State Polytechnic U. Pomona	3,922	0	3,673	0	0	0	0	23	226
CA State Polytechnic U. San Luis Obispo	13,598	885	4,276	1,410	192	51	172	1,559	5,053
CA State U. Bakersfield	4,464 i	724 i	1,201 i	250 i	437 i	70 i	323 i	696 i	763 i
CA State U. Chico	4,427	0	903	1,398	50	124	822	359	771
CA State U. Dominguez Hills	4,503	5	3,893	50	469	72	14	0	0
CA State U. Fresno	13,558	525	9,343	13	145	996	44	0	2,492
CA State U. Fullerton	5,318	473 i	1,654 i	375 i	909 i	145 i	533 i	138 i	1,091 i
CA State U. Hayward	1,559	218 i	474 i	149 i	232 i	78 i	94 i	96 i	218 i
CA State U. Long Beach	13,732	659	1,941	204	671	909	195	770	8,383
CA State U. Los Angeles	7,073	936	3,321	178	1,037	0	371	0	1,230
CA State U. Monterey Bay	2,644	2,436	0	146	0	0	0	0	62
CA State U. Northridge	11,638	1,090	1,384	762	977	1,805	690	2,713	2,217
CA State U. Sacramento	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
CA State U. San Bernardino	7,576	932	697	2,442	198	1,136	648	1,334	189
Humboldt State U.	7,573 i	641 i	4,527 i	505 i	23 i	10 i	623 i	147 i	1,097 i
Naval Postgraduate School	61,025	11,324	0	17,139	3,285	0	12,990	6,518	9,769
San Diego State U.	67,053	3,590	26,030	2,226	3,753	9,021	5,883	6,946	9,604
San Francisco State U.	12,500	468 i	1,873 i	0 i	7,816 i	0 i	0 i	937 i	1,406 i
San Jose State U.	28,323	10,832	525	1,184	3,405	8,155	88	1,038	3,096
Sonoma State U.	493	2	483	4	4	0	0	0	0
U. CA, Berkeley	507,186	10,180	174,915	8,732	83,187	11,820	51,283	15,036	152,033
U. CA, Davis	482,145	28,451	364,029	5,970	17,833	1,267	16,736	3,002	44,857
U. CA, Irvine	234,656	5,135	155,880	12,321	22,611	4,347	9,826	27	24,509
U. CA, Los Angeles	849,357	16,351	613,990	22,860	72,411	11,905	41,263	11,079	59,498
U. CA, Riverside	112,468	12,090	61,621	2,743	8,704	1,762	10,099	3,133	12,316
U. CA, San Diego	646,508	116,885	327,752	71,668	42,904	6,935	12,929	1,345	66,090
U. CA, San Francisco	671,443	0	642,645	0	28,798	0	0	0	0
U. CA, Santa Barbara	149,130	24,343	4,502	13,780	27,030	8,177	11,918	3,236	56,144
U. CA, Santa Cruz	78,448	16,826	13,574	4,432	33,325	1,232	4,043	33	4,983
Private	1,360,363	45,795	680,018	125,786	217,266	14,781	25,454	15,333	235,930
Alliant International U.	76	0	0	0	0	76	0	0	0
Azusa Pacific U.	0	0	0	0	0	0	0	0	0
Biola U.	6	0	0	0	0	6	0	0	0
CA Institute of Integral Studies	0	0	0	0	0	0	0	0	0
CA Institute of Technology	240,664	13,651	36,353	12,348	125,015	0	1,733	11,500	40,064

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Chapman U.	1,016	270	267	0	0	177	242	60	0
Charles R. Drew U. of Medicine and Science	49,888	0	49,888	0	0	0	0	0	0
Claremont Graduate U.	1,652	0	0	405	0	761	486	0	0
Golden Gate U.	0	0	0	0	0	0	0	0	0
Harvey Mudd C.	7,997 i	81 i	3,446 i	278 i	1,219 i	52 i	324 i	415 i	2,182 i
Loma Linda U.	26,296	0	26,227	0	0	0	69	0	0
Loyola Marymount U.	674	42 i	201 i	63 i	127 i	39 i	47 i	35 i	120 i
Occidental C.	2,633	158	332	0	811	1	1,009	322	0
Pepperdine U.	0	0	0	0	0	0	0	0	0
Pitzer C.	343	0	0	0	0	269	74	0	0
Pomona C.	1,962	53	532	57	652	513	83	72	0
Santa Clara U.	3,364 i	0 i	472 i	148 i	211 i	9 i	672 i	0 i	1,852 i
Stanford U.	603,227	10,193	333,147	22,601	78,811	6,530	11,793	0	140,152
U. Redlands	1,848	1,726	83	19	10	0	10	0	0
U. San Diego	1,046	0 i	305 i	0 i	57 i	0 i	30 i	606 i	48 i
U. San Francisco	690	37	257	39	77	90	0	190	0
U. Southern CA	414,099	19,572	225,942	89,821	10,276	6,258	8,882	2,133	51,215
U. of the Pacific	1,877	12	1,561	7	0	0	0	0	297
Western U. of Health Sciences	1,005	0	1,005	0	0	0	0	0	0
Colorado	694,862	110,921	347,101	14,509	87,691	15,318	22,471	5,897	90,954
Public	683,595	110,626	345,307	14,295	85,169	13,226	21,457	5,770	87,745
CO School of Mines	29,162	2,040	0	694	7,777	0	40	0	18,611
CO State U.	187,054	42,779	96,068	3,026	10,001	3,312	9,246	3,969	18,653
Ft. Lewis C.	231	0	58	0	168	0	5	0	0
U.S. Air Force Academy	27,198	0	588	2,127	4,315	346	143	440	19,239
U. CO Boulder	212,517	65,363	28,042	7,421	61,792	9,078	10,461	1,150	29,210
U. CO Colorado Springs	1,754	23	568	47	375	199	43	0	499
U. CO Denver	6,426	252	2,631	609	421	283	691	52	1,487
U. CO Health Sciences Ctr.	216,064	0	216,064	0	0	0	0	0	0
U. Northern CO	2,240	164	838	369	13	6	828	22	0
U. Southern CO	628	0	281	2	297	2	0	0	46
Western State C. CO	321 e	5 e	169 e	0 e	10 e	0 e	0 e	137 e	0 e
Private	11,267	295	1,794	214	2,522	2,092	1,014	127	3,209
CO C.	1,318	176	254	89	261	82	329	127	0
U. Denver	9,949	119	1,540	125	2,261	2,010	685	0	3,209
Connecticut	594,541	12,518	468,767	11,254	31,170	18,455	15,829	3,036	33,512
Public	194,773	8,667	133,989	2,696	7,157	10,966	8,291	2,946	20,061
Central CT State U.	355	0	122	0	34	0	199	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Southern CT State U.	2,911	23	0	58	19	68	90	2,653	0
U.S. Coast Guard Academy	1,166	0	0	0	31	0	0	0	1,135
U. CT all campuses	190,341	8,644	133,867	2,638	7,073	10,898	8,002	293	18,926
Private	399,768	3,851	334,778	8,558	24,013	7,489	7,538	90	13,451
CT C.	593 i	4 i	229 i	32 i	137 i	2 i	26 i	21 i	142 i
Fairfield U.	1,024	0	187	86	325	26	248	0	152
Trinity C. (Hartford, CT)	856	202	182	20	99	47	53	12	241
U. Hartford	1,336	0	37	81	41	0	441	28	708
U. New Haven	1,633 i	0 i	0 i	1,604 i	0 i	0 i	0 i	29 i	0 i
Wesleyan U.	6,682	421	2,700	152	2,157	1,103	149	0	0
Yale U.	387,644	3,224	331,443	6,583	21,254	6,311	6,621	0	12,208
Delaware	104,650	11,829	26,720	2,605	16,522	2,014	5,566	5,043	34,351
Public	104,650	11,829	26,720	2,605	16,522	2,014	5,566	5,043	34,351
DE State U.	3,944	0	3,419	224	301	0	0	0	0
U. DE	100,706	11,829	23,301	2,381	16,221	2,014	5,566	5,043	34,351
District of Columbia	263,342	619	161,143	23,533	32,124	7,688	13,482	331	24,422
Public	4,125	175	1,285	0	614	22	1,679	212	138
U. DC	4,125	175	1,285	0	614	22	1,679	212	138
Private	259,217	444	159,858	23,533	31,510	7,666	11,803	119	24,284
American U.	2,517	0	4	197	383	814	1,026	64	29
Catholic U. America, The	24,475	0	1,076	0	19,606	1,268	617	0	1,908
Gallaudet U.	2,013	0	332	0	0	1,147	534	0	0
George Washington U.	92,454	444	41,984	21,090	2,486	1,180	6,907	55	18,308
Georgetown U.	100,181	0	91,290	286	5,501	705	2,399	0	0
Howard U.	37,577	0	25,172	1,960	3,534	2,552	320	0	4,039
Florida	1,204,592	116,824	629,257	32,772	116,181	45,285	61,052	27,078	176,143
Public	1,006,745	71,458	505,708	29,655	111,474	34,710	59,821	27,070	166,849
FL A&M U.	23,503	1,946	14,603	768	822	42	383	2,794	2,145
FL Atlantic U.	25,946	581	7,487	1,463	1,726	2,291	3,781	532	8,085
FL International U.	52,175	1,392	9,858	1,369	3,467	1,005	8,568	11,105	15,411
FL State U.	152,277	19,330	26,507	6,956	48,889	6,371	18,050	231	25,943
New C. FL	206	0	105	9	17	18	57	0	0
U. Central FL	89,880	12,584	8,703	323	21,364	2,414	9,226	10,694	24,572
U. FL	429,734	6,458	295,557	10,438	30,292	7,945	10,701	0	68,343
U. North FL	4,421	0	2,451	201	239	3	647	81	799
U. South FL	213,249	27,198	139,132	1,631	3,281	14,505	4,318	1,633	21,551
U. West FL	15,354	1,969	1,305	6,497	1,377	116	4,090	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Private	197,847	45,366	123,549	3,117	4,707	10,575	1,231	8	9,294
Bethune Cookman C.	741	0	426	0	315	0	0	0	0
Embry-Riddle Aeronautical U.	6,641	431	0	223	690	0	0	0	5,297
FL Institute of Technology	8,004	1,040	1,326	2,681	1,106	151	0	0	1,700
Nova Southeastern U.	4,752	3,087	1,081	0	0	576	0	8	0
U. Miami	177,709	40,808	120,716	213	2,596	9,848	1,231	0	2,297
Georgia	1,175,852	31,610	640,808	71,679	63,521	31,368	63,342	8,225	265,299
Public	777,226	31,474	298,668	69,627	43,968	27,763	60,216	3,913	241,597
Albany State U.	2,178	182	541	38	24	0	868	35	490
Ft. Valley State U.	2,892	0	2,892	0	0	0	0	0	0
GA Institute of Technology all campuses	364,190	14,863	13,964	59,261	24,290	5,008	10,219	3,614	232,971
GA Southern U.	2,488	496	1,469	54	282	16	171	0	0
GA State U.	45,653	471	15,068	1,752	6,958	9,553	11,587	264	0
Kennesaw State U.	300	0	0	0	300	0	0	0	0
Medical C. GA	56,398	0	56,398	0	0	0	0	0	0
Savannah State U.	2,345 i	1,698 i	387 i	0 i	0 i	0 i	0 i	0 i	260 i
State U. West GA	1,034	500	210	0	294	0	30	0	0
U. GA	299,748	13,264	207,739	8,522	11,820	13,186	37,341	0	7,876
Private	398,626	136	342,140	2,052	19,553	3,605	3,126	4,312	23,702
Clark Atlanta U.	12,760	0	3,137	1,006	2,628	187	534	3,392	1,876
Emory U.	323,224	136	305,031	795	11,868	2,992	2,402	0	0
Institute of Paper Science and Technology	15,494 i	0 i	1,546 i	0 i	3,256 i	0 i	0 i	0 i	10,692 i
Mercer U. all campuses	14,996	0	2,948	59	712	10	8	125	11,134
Morehouse C.	2,410 i	0 i	913 i	51 i	243 i	226 i	182 i	795 i	0 i
Morehouse School of Medicine	27,154	0	27,154	0	0	0	0	0	0
Morris Brown C.	290 i	0 i	62 i	2 i	175 i	51 i	0 i	0 i	0 i
Spelman C.	2,298	0	1,349	139	671	139	0	0	0
Hawaii	184,602	46,625	66,608	19,725	20,244	111	6,129	16,442	8,718
Public	184,602	46,625	66,608	19,725	20,244	111	6,129	16,442	8,718
U. HI Hilo	5,317	1,342	2,619	290	668	0	253	145	0
U. HI Manoa	179,285	45,283	63,989	19,435	19,576	111	5,876	16,297	8,718
Idaho	105,039	9,137	59,811	2,054	7,235	672	3,615	6,114	16,401
Public	105,039	9,137	59,811	2,054	7,235	672	3,615	6,114	16,401
Boise State U.	7,583	1,850	1,794	96	810	515	158	121	2,239
ID State U.	12,243	1,661	4,373	66	3,160	31	561	1,987	404
U. ID	85,213	5,626	53,644	1,892	3,265	126	2,896	4,006	13,758
Illinois	1,613,691	49,223	931,685	148,456	145,469	36,343	64,727	30,183	207,605

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Public	875,534	44,204	384,361	135,340	71,863	19,931	51,223	23,653	144,959
Chicago State U.	1,155	0	0	0	0	0	0	1,155	0
IL State U.	3,963	97	2,512	214	572	110	394	64	0
Northeastern IL U.	168	64	42	29	4	24	1	4	0
Northern IL U.	12,368	559	1,946	466	7,469	1,585	54	0	289
Southern IL U. Carbondale	53,018	1,541	34,031	564	1,483	481	2,570	2,927	9,421
Southern IL U. Edwardsville	17,100	1,858	2,339	521	921	0	3,506	4,698	3,257
U. IL Chicago	291,507	2,059	210,330	18,130	13,233	6,195	15,390	9,164	17,006
U. IL Springfield	1,324	201	73	0	6	0	997	47	0
U. IL Urbana-Champaign	493,581	37,822	132,414	115,235	47,967	11,536	28,027	5,594	114,986
Western IL U.	1,350	3	674	181	208	0	284	0	0
Private	738,157	5,019	547,324	13,116	73,606	16,412	13,504	6,530	62,646
Augustana C. (Rock Island, IL)	212	13	95	0	0	0	0	104	0
Bradley U.	1,755	0	392	211	696	0	10	0	446
DePaul U.	3,086	31	291	203	168	2,295	98	0	0
Finch U. of Health Sciences/Chicago Medical School	9,923	0	9,310	0	0	613	0	0	0
IL Institute of Technology	25,744	0	6,603	1,174	9,745	658	8	0	7,556
Lake Forest C.	271	0	170	0	70	18	13	0	0
Loyola U. Chicago	37,581	25	35,556	104	625	882	389	0	0
Midwestern U. (Chicago, IL)	2,725	0	2,725	0	0	0	0	0	0
National U. of Health Sciences	620	0	620	0	0	0	0	0	0
Northwestern U.	319,722	858	213,394	3,987	25,858	4,177	10,602	6,419	54,427
Rush U.	89,196	0	87,056	0	0	2,140	0	0	0
U. Chicago	247,322	4,092	191,112	7,437	36,444	5,629	2,384	7	217
Indiana	725,752	9,925	369,679	33,154	76,194	20,926	54,826	35,156	125,892
Public	652,392	9,925	358,349	27,644	55,915	17,588	51,555	27,938	103,478
Ball State U.	3,878	630	1,656	286	335	65	871	28	7
IN State U. all campuses	1,369	128	490	0	73	251	427	0	0
IN U. all campuses	337,669	6,031	210,579	13,761	34,322	11,462	35,476	22,741	3,297
Purdue U. all campuses	309,476	3,136	145,624	13,597	21,185	5,810	14,781	5,169	100,174
Private	73,360	0	11,330	5,510	20,279	3,338	3,271	7,218	22,414
Rose-Hulman Institute of Technology	13,201	0	0	2,339	2,754	0	0	0	8,108
U. of Notre Dame	59,803	0	11,314	3,162	17,230	3,338	3,271	7,218	14,270
Valparaiso U.	356	0	16	9	295	0	0	0	36
Iowa	498,669	7,717	333,248	14,968	28,988	5,720	21,040	11,947	75,041
Public	493,422	7,716	329,626	14,905	28,233	5,672	20,459	11,770	75,041
IA State U.	199,566	4,977	98,658	12,885	10,606	714	14,618	11,303	45,805
U. IA	292,035	2,466	230,028	1,994	17,522	4,958	5,364	467	29,236

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. Northern IA	1,821	273	940	26	105	0	477	0	0
Private	5,247	1	3,622	63	755	48	581	177	0
Des Moines U. Osteopathic Medical Ctr.	676	0	676	0	0	0	0	0	0
Drake U.	1,053 e	0 e	109 e	3 e	213 e	0 e	551 e	177 e	0 e
Grinnell C.	977	1	306	50	542	48	30	0	0
Maharishi U. of Management	2,541	0	2,531	10	0	0	0	0	0
Kansas	310,052	11,985	193,923	7,458	22,097	3,264	13,953	5,219	52,153
Public	310,052	11,985	193,923	7,458	22,097	3,264	13,953	5,219	52,153
KS State U.	112,733	689	71,803	2,699	11,174	1,022	4,227	3,216	17,903
Pittsburg State U.	1,894	0	160	11	29	1	3	0	1,690
U. KS all campuses	173,024	11,291	121,019	4,358	8,040	1,209	9,135	2,003	15,969
Wichita State U.	22,401	5	941	390	2,854	1,032	588	0	16,591
Kentucky	377,635	4,638	268,519	7,569	15,049	6,625	11,832	15,647	47,756
Public	376,447	4,638	268,519	6,381	15,049	6,625	11,832	15,647	47,756
Eastern KY U.	506	70	230	0	167	4	35	0	0
KY State U.	6,395	0	6,362	0	0	0	0	0	33
Morehead State U.	1,487	0	655	16	547	209	60	0	0
Murray State U.	2,778	477	2,082	71	88	2	58	0	0
Northern KY U.	434	0	71	100	113	52	98	0	0
U. KY all campuses	272,062	3,317	187,045	5,820	9,126	3,158	9,201	14,580	39,815
U. Louisville	88,522	661	71,379	374	2,168	2,736	2,380	917	7,907
Western KY U.	4,263	113	695	0	2,840	464	0	150	1
Private	1,188	0	0	1,188	0	0	0	0	0
Spalding U.	1,188 e	0 e	0 e	1,188 e	0 e	0 e	0 e	0 e	0 e
Louisiana	524,262	32,959	332,187	15,926	34,182	2,270	21,318	18,159	67,261
Public	400,370	31,650	231,016	14,123	27,819	1,972	16,566	18,159	59,065
Grambling State U.	2,218	61	690	915	552	0	0	0	0
LA State U. and A&M C.	206,677	28,138	112,003	4,617	14,672	338	5,642	7,552	33,715
LA State U. Health Sciences Ctr.	81,807	0	81,807	0	0	0	0	0	0
LA State U. Shreveport	183	0	154	0	0	0	29	0	0
LA Tech U.	15,055	0	1,976	968	1,684	146	729	0	9,552
McNeese State U.	743	430	5	94	75	39	0	0	100
Nicholls State U.	690	0	290	35	3	325	37	0	0
Southeastern LA U.	900	0	713	0	187	0	0	0	0
Southern U. New Orleans	556	0	133	10	0	0	0	413	0
Southern U. and A&M C. all campuses	10,997 i	861 i	6,022 i	280 i	2,016 i	151 i	385 i	0 i	1,282 i
U. LA Lafayette	43,769	400	24,837	6,942	1,514	203	790	5,213	3,870

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. LA Monroe	10,777 i	619 i	931 i	53 i	156 i	0 i	4,037 i	4,981 i	0 i
U. New Orleans	25,998	1,141	1,455	209	6,960	770	4,917	0	10,546
Private	123,892	1,309	101,171	1,803	6,363	298	4,752	0	8,196
Dillard U.	668	0	0	0	668	0	0	0	0
Tulane U.	117,709	1,309	97,906	1,511	3,891	298	4,752	0	8,042
Xavier U. LA	5,515	0	3,265	292	1,804	0	0	0	154
Maine	75,092	22,481	25,836	1,379	6,289	880	5,102	1,947	11,178
Public	70,785	21,713	24,360	1,329	5,452	779	4,027	1,947	11,178
U. ME	68,923	21,337	23,116	1,238	5,452	779	3,876	1,947	11,178
U. Southern ME	1,862 i	376 i	1,244 i	91 i	0 i	0 i	151 i	0 i	0 i
Private	4,307	768	1,476	50	837	101	1,075	0	0
Bates C.	1,340	392	611	0	322	15	0	0	0
Bowdoin C.	1,673	313	725	35	313	82	205	0	0
Colby C.	1,294	63	140	15	202	4	870	0	0
Maryland	2,030,544	109,700	978,216	134,438	201,910	10,043	78,745	33,887	483,605
Public	785,958	73,997	427,476	41,819	65,579	5,728	73,690	476	97,193
Bowie State U.	2,206	0	259	1,947	0	0	0	0	0
Coppin State C.	0	0	0	0	0	0	0	0	0
Morgan State U.	7,493	0	1,773	2,150	397	10	62	433	2,668
St. Mary's C. MD	335	204	89	0	41	1	0	0	0
Towson U.	1,660	60	653	754	150	0	0	43	0
Uniformed Services U. of the Health Sciences	30,604	0	30,604	0	0	0	0	0	0
U.S. Naval Academy	3,451	144	0	457	865	0	61	0	1,924
U. MD Baltimore	297,271	0	297,271	0	0	0	0	0	0
U. MD Baltimore County	42,906	16,160	3,601	1,525	6,869	1,514	3,082	0	10,155
U. MD Biotechnology Institute	39,789	6,746	33,043	0	0	0	0	0	0
U. MD Ctr. for Environmental Science	38,344	38,344	0	0	0	0	0	0	0
U. MD College Park	321,899	12,339	60,183	34,986	57,257	4,203	70,485	0	82,446
U. MD Eastern Shore	0	0	0	0	0	0	0	0	0
Private	1,244,586	35,703	550,740	92,619	136,331	4,315	5,055	33,411	386,412
Johns Hopkins U., The ^a	1,244,132	35,703	550,700	92,464	136,074	4,315	5,053	33,411	386,412
Loyola C.	454	0	40	155	257	0	2	0	0
Massachusetts	1,821,817	152,070	868,452	101,522	228,866	31,899	75,785	49,387	313,836
Public	317,806	16,048	189,397	21,463	37,829	6,763	14,890	1,443	29,973
Bridgewater State C.	419	8	16	8	47	5	335	0	0
U. MA Amherst	113,512	4,261	33,195	19,454	28,858	5,067	2,663	766	19,248
U. MA Boston	15,793	2,765	2,531	523	611	1,352	7,860	109	42

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. MA Dartmouth	16,476	7,415	1,164	1,241	1,270	161	362	20	4,843
U. MA Lowell	22,783	1,599	3,668	237	7,043	178	3,670	548	5,840
U. MA Worcester	148,823	0	148,823	0	0	0	0	0	0
Private	1,504,011	136,022	679,055	80,059	191,037	25,136	60,895	47,944	283,863
Amherst C.	2,115 e	77 e	793 e	20 e	883 e	91 e	251 e	0 e	0 e
Boston C.	32,158	514	4,395	12,544	8,225	870	5,610	0	0
Boston U.	224,841	3,681	152,133	3,788	24,422	6,193	1,177	12,259	21,188
Brandeis U.	50,841	0	24,747	2,570	5,316	2,591	15,617	0	0
Clark U.	5,638	1,394	507	32	786	582	31	0	2,306
C. of the Holy Cross	490	0	15	116	193	102	64	0	0
Hampshire C.	2,754	119	95	325	362	60	1,085	254	454
Harvard U.	408,707	14,786	314,500	3,492	36,178	6,459	22,398	0	10,894
MA C. of Pharmacy and Health Sciences	1,043	0	1,043	0	0	0	0	0	0
MA Institute of Technology	485,764	27,656	76,045	50,761	96,678	1,462	6,131	31,327	195,704
Mt. Holyoke C.	3,174	306	698	1,258	735	115	23	39	0
New England C. of Optometry	2,166	0	2,166	0	0	0	0	0	0
Northeastern U.	42,931	0	7,493	2,288	11,231	2,846	2,537	0	16,536
Simmons C.	978	0	40	0	390	18	530	0	0
Smith C.	2,194	275	894	173	157	31	90	27	547
Tufts U.	112,609	809	91,883	1,058	3,726	3,619	4,599	0	6,915
Wellesley C.	5,733	32	668	87	549	42	446	3,909	0
Williams C.	3,295	80 i	719 i	268 i	568 i	55 i	223 i	129 i	1,253 i
Woods Hole Oceanographic Institution	104,223	86,293	0	0	0	0	0	0	17,930
Worcester Polytechnic Institute	12,357	0	221	1,279	638	0	83	0	10,136
Michigan	1,388,284	22,719	817,583	27,697	113,087	21,614	146,889	3,157	235,538
Public	1,382,330	22,574	816,651	27,096	111,805	21,611	146,361	2,763	233,469
Central MI U.	2,339	247	614	163	841	267	95	0	112
Eastern MI U.	4,051	95	785	97	426	129	744	0	1,775
Ferris State U.	70 i	0 i	70 i	0 i	0 i	0 i	0 i	0 i	0 i
Grand Valley State U.	2,237	1,819	285	0	72	21	40	0	0
MI State U.	321,410	2,164	203,510	7,336	50,353	6,633	26,198	1,039	24,177
MI Technological U.	30,264	6,815	1,000	1,242	1,845	0	479	835	18,048
Oakland U.	6,175	0	3,193	638	1,197	5	20	0	1,122
Saginaw Valley State U.	442	19	123	144	40	5	0	76	35
U. MI all campuses	780,054	9,729	432,951	11,427	37,817	10,150	108,702	237	169,041
Wayne State U.	213,717	138	170,498	1,878	16,006	3,873	6,079	570	14,675
Western MI U.	21,571	1,548	3,622	4,171	3,208	528	4,004	6	4,484
Private	5,954	145	932	601	1,282	3	528	394	2,069
Andrews U.	469	0	74	43	43	0	309	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Calvin C.	1,714	82	297	319	554	0	219	181	62
Hope C.	1,457	0	555	199	480	0	0	0	223
Kettering U.	1,295	63	0	40	0	0	0	0	1,192
Lawrence Technological U.	471	0	0	0	0	0	0	0	471
U. Detroit Mercy	548	0	6	0	205	3	0	213	121
Minnesota	517,346	13,191	374,062	18,597	27,984	12,796	19,775	57	50,884
Public	511,654	12,138	372,673	18,137	26,097	12,525	19,193	9	50,882
MN State U. Mankato	768	60	500	115	7	7	43	9	27
St. Cloud State U.	2,329	259 i	144 i	494 i	400 i	0 i	352 i	0 i	680 i
U. MN all campuses	508,557	11,819	372,029	17,528	25,690	12,518	18,798	0	50,175
Private	5,692	1,053	1,389	460	1,887	271	582	48	2
Augsburg C.	734	216	0	169	349	0	0	0	0
Carleton C.	1,965	687	616	81	350	119	64	48	0
Macalester C.	2,091	150	385	210	856	87	403	0	0
St. Olaf C.	710	0	304	0	226	65	115	0	0
U. of St. Thomas (St. Paul, MN)	192	0	84	0	106	0	0	0	2
Mississippi	324,298	24,472	154,450	10,969	35,897	3,774	8,187	16,988	69,561
Public	323,447	24,472	154,028	10,778	35,659	3,774	8,187	16,988	69,561
Alcorn State U.	7,619	0	7,582	0	0	0	0	37	0
Jackson State U.	28,843	3,710	6,450	5,296	4,582	1,483	545	6,399	378
MS State U.	165,922	6,248	80,613	3,658	5,489	1,780	5,050	3,091	59,993
MS Valley State U.	636	81	101	343	96	0	0	0	15
U. MS all campuses	85,378	0	54,512	291	17,432	208	2,276	3,702	6,957
U. Southern MS	35,049	14,433	4,770	1,190	8,060	303	316	3,759	2,218
Private	851	0	422	191	238	0	0	0	0
Rust C.	0	0	0	0	0	0	0	0	0
Tougaloo C.	851 i	0 i	422 i	191 i	238 i	0 i	0 i	0 i	0 i
Missouri	806,907	11,325	658,297	10,517	25,856	14,008	23,330	1,847	61,727
Public	289,679	5,694	186,147	4,224	12,536	10,698	18,554	400	51,426
Lincoln U. (Jefferson City, MO)	2,601	137	2,407	0	0	0	57	0	0
Southwest MO State U.	1,423	134	745	32	191	9	27	126	159
Truman State U.	521	0	193	0	54	0	0	274	0
U. MO system administration	0	0	0	0	0	0	0	0	0
U. MO-Columbia	205,212	1,924	151,772	2,723	4,589	8,306	14,185	0	21,713
U. MO-Kansas City	31,104	0	25,185	958	2,335	1,198	388	0	1,040
U. MO-Rolla	35,999	3,499	435	134	3,371	35	11	0	28,514
U. MO-St. Louis	12,819	0	5,410	377	1,996	1,150	3,886	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Private	517,228	5,631	472,150	6,293	13,320	3,310	4,776	1,447	10,301
Forest Institute of Professional Psychology	0	0	0	0	0	0	0	0	0
Kirksville C. of Osteopathic Medicine	691	0	691	0	0	0	0	0	0
St. Louis U. all campuses	41,189	819	39,869	161	85	60	102	93	0
U. of Health Sciences	1,020	0	1,020	0	0	0	0	0	0
Washington U. St. Louis	474,328	4,812	430,570	6,132	13,235	3,250	4,674	1,354	10,301
Montana	141,220	5,269	82,221	2,448	15,817	625	7,791	12,626	14,423
Public	141,220	5,269	82,221	2,448	15,817	625	7,791	12,626	14,423
MT State U. Bozeman	91,503	1,233	53,672	655	13,067	0	2,711	7,766	12,399
MT Tech of the U. MT	6,155	3,492	419	1	219	0	0	0	2,024
U. MT, The	43,562	544	28,130	1,792	2,531	625	5,080	4,860	0
Nebraska	300,540	8,245	202,386	8,801	12,788	8,543	15,232	16,842	27,703
Public	276,424	8,147	178,679	8,719	12,602	8,543	15,189	16,842	27,703
U. NE Kearney	459	19	280	2	127	6	23	2	0
U. NE Lincoln	184,652	8,101	92,644	7,090	12,213	7,799	13,738	16,840	26,227
U. NE Medical Ctr.	85,007	0	85,007	0	0	0	0	0	0
U. NE Omaha	6,306	27	748	1,627	262	738	1,428	0	1,476
Private	24,116	98	23,707	82	186	0	43	0	0
Creighton U.	24,116	98	23,707	82	186	0	43	0	0
Nevada	154,515	49,814	51,803	3,490	14,224	664	6,421	15,193	12,906
Public	154,515	49,814	51,803	3,490	14,224	664	6,421	15,193	12,906
Desert Research Institute	31,757	24,623	0	0	0	0	0	7,134	0
U. NV, Las Vegas	42,205	16,714	5,988	1,995	6,269	0	5,076	0	6,163
U. NV, Reno	80,553	8,477	45,815	1,495	7,955	664	1,345	8,059	6,743
New Hampshire	252,210	44,289	127,567	6,392	8,860	6,104	6,727	12,911	39,360
Public	96,415	41,807	24,447	367	4,144	525	5,984	1,378	17,763
U. NH	96,415	41,807	24,447	367	4,144	525	5,984	1,378	17,763
Private	155,795	2,482	103,120	6,025	4,716	5,579	743	11,533	21,597
Dartmouth C.	155,795	2,482	103,120	6,025	4,716	5,579	743	11,533	21,597
New Jersey	747,481	47,059	363,329	35,100	66,443	20,285	55,430	18,583	141,252
Public	549,141	26,721	328,218	22,872	35,556	12,465	24,285	17,979	81,045
C. NJ, The	2,856 i	0 i	324 i	567 i	163 i	302 i	296 i	1,068 i	136 i
Montclair State U.	945 i	319 i	288 i	250 i	34 i	54 i	0 i	0 i	0 i
NJ City U.	326	0	0	0	223	103	0	0	0
NJ Institute of Technology	73,664	0	34	5,660	6,876	0	488	15,409	45,197
Rowan U.	6,011	0	89	516	1,496	1,197	136	0	2,577

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Rutgers, The State U. NJ all campuses	274,576	26,402	136,720	15,879	26,764	10,809	23,365	1,502	33,135
U. of Medicine and Dentistry NJ	190,763	0	190,763	0	0	0	0	0	0
Private	198,340	20,338	35,111	12,228	30,887	7,820	31,145	604	60,207
Fairleigh Dickinson U. all campuses	286	147	38	2	11	0	83	5	0
Princeton U.	179,951	17,335	33,738	11,458	28,542	7,812	28,647	0	52,419
Rider U.	912	12	300	18	30	8	0	544	0
Seton Hall U.	1,779	0	1,035	0	689	0	0	55	0
Stevens Institute of Technology	15,412 i	2,844 i	0 i	750 i	1,615 i	0 i	2,415 i	0 i	7,788 i
New Mexico	306,623	14,275	112,888	7,175	22,265	9,023	13,962	20,835	106,200
Public	306,623	14,275	112,888	7,175	22,265	9,023	13,962	20,835	106,200
NM Highlands U.	2,585	157	199	0	1,336	893	0	0	0
NM Institute of Mining and Technology	37,186	9,465	1,433	214	2,799	10	0	5,956	17,309
NM State U. all campuses	108,613	692	25,484	3,336	9,337	1,667	2,242	239	65,616
U. NM all campuses	158,239	3,961	85,772	3,625	8,793	6,453	11,720	14,640	23,275
New York	3,089,988	104,322	2,128,290	113,303	235,633	73,545	82,926	20,463	331,506
Public	764,254	37,673	458,682	31,408	74,057	27,930	28,997	1,549	103,958
CUNY Baruch C.	507	8	3	30	91	0	323	52	0
CUNY Brooklyn C.	5,575	4	988	1,046	777	2,367	393	0	0
CUNY City C.	17,712	839	3,621	467	7,356	489	163	0	4,777
CUNY C. Staten Island	2,540	0	896	245	1,251	92	36	0	20
CUNY Graduate Ctr.	3,068	2	0	1,403	20	330	819	494	0
CUNY Herbert H. Lehman C.	3,981	65	591	578	131	2,595	21	0	0
CUNY Hunter C.	32,704	4,014	11,553	185	7,894	5,524	3,413	121	0
CUNY John Jay C. of Criminal Justice	930	6	0	94	0	158	137	535	0
CUNY Medgar Evers C.	670	109	84	208	261	0	8	0	0
CUNY Queens C.	6,430	224	3,804	209	1,131	500	562	0	0
CUNY York C.	1,829	3	1,647	0	163	0	16	0	0
SUNY Albany	120,655	5,382	72,593	3,048	2,653	1,816	11,554	0	23,609
SUNY Binghamton	23,090	720	2,021	1,356	3,191	4,009	3,718	37	8,038
SUNY Buffalo all campuses	240,180	1,236	170,680	10,043	15,981	5,120	3,572	279	33,269
SUNY C. Brockport	757	59	632	0	6	29	0	31	0
SUNY C. Buffalo	2,610	1,372	74	0	45	318	801	0	0
SUNY C. Cortland	446	87	267	0	29	0	63	0	0
SUNY C. Fredonia	271	14	81	0	176	0	0	0	0
SUNY C. Geneseo	1,366	53	293	256	566	177	21	0	0
SUNY C. of Environmental Science and Forestry	26,783	2,619 i	12,661 i	0 i	2,131 i	0 i	266 i	0 i	9,106 i
SUNY C. of Optometry	3,187	0	3,187	0	0	0	0	0	0
SUNY C. Old Westbury	1,295	0	957	22	316	0	0	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
SUNY C. Oswego	1,207	153	0	295	2	676	81	0	0
SUNY C. Plattsburgh	1,494	536	202	3	708	15	30	0	0
SUNY Health Science Ctr. Brooklyn	38,424 i	0 i	38,424 i	0 i	0 i	0 i	0 i	0 i	0 i
SUNY Purchase C.	282	86	58	0	138	0	0	0	0
SUNY Stony Brook all campuses	200,330	20,082	107,434	11,920	29,040	3,715	3,000	0	25,139
SUNY Upstate Medical U.	25,931	0	25,931	0	0	0	0	0	0
Private	2,325,734	66,649	1,669,608	81,895	161,576	45,615	53,929	18,914	227,548
Adelphi U.	169 i	0 i	105 i	24 i	39 i	1 i	0 i	0 i	0 i
Albany C. of Pharmacy	894	0	894	0	0	0	0	0	0
Albany Medical C.	13,394	0	13,394	0	0	0	0	0	0
Alfred U. all campuses	6,360	0	0	0	0	0	0	0	6,360
Barnard C.	1,516	95	212	42	280	820	67	0	0
Clarkson U.	7,466	0 i	119 i	165 i	1,120 i	36 i	0 i	0 i	6,026 i
Colgate U.	1,425	252	351	130	516	110	66	0	0
Columbia U. in the City of NY	437,669	52,298	301,110	10,424	35,025	3,862	9,473	1,772	23,705
Cooper Union	502	0	0	0	0	0	0	0	502
Cornell U. all campuses	554,760	6,203	348,401	29,671	78,827	6,920	21,451	0	63,287
Fordham U.	3,814	0	1,446	66	23	1,403	876	0	0
Hamilton C. (Clinton, NY)	1,459	127	112	0	636	241	343	0	0
Hartwick C.	221	32	103	14	28	0	32	12	0
Hofstra U.	735 i	0 i	255 i	0 i	5 i	0 i	0 i	0 i	475 i
Iona C.	232	0	42	121	69	0	0	0	0
Ithaca C.	2,187	0	698	1,373	50	60	6	0	0
Long Island U. all campuses	1,769	230	810	12	268	449	0	0	0
Manhattan C.	257 e	0 e	0 e	0 e	0 e	0 e	0 e	0 e	257 e
Mt. Sinai School of Medicine	214,514	0	214,514	0	0	0	0	0	0
New School U.	3,435	0 i	485 i	0 i	0 i	26 i	2,924 i	0 i	0 i
NY Institute of Technology all campuses	423 i	0 i	385 i	30 i	0 i	0 i	0 i	0 i	8 i
NY Medical C.	30,492	0	30,492	0	0	0	0	0	0
NY U.	241,593	735	193,182	15,794	8,697	13,380	7,988	1,817	0
Pace U. all campuses	425 e	26 e	315 e	6 e	0 e	0 e	0 e	40 e	38 e
Polytechnic U.	12,142 i	0 i	0 i	1,569 i	0 i	0 i	26 i	0 i	10,547 i
Rensselaer Polytechnic Institute	50,777	2,464	819	3,493	5,394	0	784	4	37,819
Rochester Institute of Technology	17,197	1,148	1,370	467	6,663	11	98	8	7,432
Rockefeller U.	192,143	0	177,216	8,593	6,334	0	0	0	0
Skidmore C.	632	0	378	18	35	1	200	0	0
St. John's U. (Jamaica, NY)	1,463 i	11 i	1,110 i	5 i	0 i	320 i	17 i	0 i	0 i
Syracuse U. all campuses	48,846	2,214	3,765	6,770	5,143	2,314	3,060	13,740	11,840
Teachers C. Columbia U.	9,603	0	1,543	0	0	3,824	4,236	0	0
U. Rochester	285,768	781	197,436	2,887	11,878	11,811	931	1,455	58,589

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Union C. (Schenectady, NY)	2,086	33	390	98	95	25	1,274	0	171
Vassar C.	2,130 i	0 i	920 i	123 i	451 i	1 i	77 i	66 i	492 i
Yeshiva U.	177,236	0	177,236	0	0	0	0	0	0
North Carolina	1,394,545	54,571	1,034,820	39,587	66,773	10,315	59,479	6,725	122,275
Public	742,688	41,858	472,175	31,726	48,425	7,350	37,817	6,342	96,995
Appalachian State U.	986	51	540	170	138	9	66	0	12
East Carolina U.	12,520	182	11,088	167	624	8	288	0	163
Elizabeth City State U.	1,103	121	31	370	0	0	0	0	581
Fayetteville State U.	586	0	515	7	52	0	12	0	0
NC Agricultural and Technical State U.	17,304	0	7,809	300	1,231	0	619	3	7,342
NC Central U.	1,100 i	0 i	720 i	0 i	281 i	0 i	99 i	0 i	0 i
NC State U.	286,025	15,439	135,298	17,087	21,499	2	8,508	3,750	84,442
U. NC Asheville	1,108	711	15	2	74	0	284	0	22
U. NC Chapel Hill	390,542	19,409	304,618	11,491	21,482	6,447	27,095	0	0
U. NC Charlotte	12,599	1,160	2,811	1,859	1,897	18	390	31	4,433
U. NC Greensboro	3,454	0	2,134	168	189	694	269	0	0
U. NC Wilmington	12,762	4,516	4,956	0	464	169	99	2,558	0
Western Carolina U.	577	269	73	0	147	0	88	0	0
Winston-Salem State U.	2,022 e	0 e	1,567 e	105 e	347 e	3 e	0 e	0 e	0 e
Private	651,857	12,713	562,645	7,861	18,348	2,965	21,662	383	25,280
Bennett C.	0	0	0	0	0	0	0	0	0
Duke U.	520,191	12,357	433,834	7,533	16,630	2,965	21,662	0	25,210
Johnson C. Smith U.	0	0	0	0	0	0	0	0	0
Shaw U.	1,261	356	777	58	0	0	0	0	70
Wake Forest U.	130,405	0	128,034	270	1,718	0	0	383	0
North Dakota	133,615	5,462	65,105	1,508	13,502	1,082	8,425	7,027	31,504
Public	133,615	5,462	65,105	1,508	13,502	1,082	8,425	7,027	31,504
ND State U. all campuses	91,812	256	52,693	1,201	12,668	1,034	8,342	4,510	11,108
U. ND all campuses	41,803	5,206	12,412	307	834	48	83	2,517	20,396
Ohio	1,268,784	18,092	720,733	42,292	94,214	19,257	63,036	38,534	272,626
Public	962,731	17,233	534,140	41,560	82,050	17,908	60,140	19,789	189,911
Air Force Institute of Technology	12,454	530	0	840	3,580	0	0	952	6,552
Bowling Green State U. all campuses	7,336	185	2,072	117	1,578	1,011	1,271	381	721
Central State U.	574 i	209 i	30 i	33 i	8 i	8 i	10 i	35 i	241 i
Cleveland State U.	14,112	488	1,728	31	1,105	45	5,583	0	5,132
Kent State U. all campuses	14,549	737	1,964	715	5,570	1,633	661	3,114	155
Medical C. OH	18,233	0	18,233	0	0	0	0	0	0
Miami U. all campuses	13,727	359 i	3,122 i	1 i	3,548 i	854 i	2,403 i	3,024 i	416 i

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Northeastern OH Universities C. of Medicine	4,364	0	4,364	0	0	0	0	0	0
OH State U. all campuses	496,438	9,267	255,354	34,792	32,998	8,297	40,370	7,196	108,164
OH U. all campuses	37,527	862	9,519	404	5,859	1,805	1,057	1,030	16,991
U. Akron all campuses	27,953	447	1,644	683	11,638	159	5,236	0	8,146
U. Cincinnati all campuses	255,083	372	211,405	701	6,264	1,306	3,089	3,503	28,443
U. Toledo	24,123	3,215	3,994	33	6,099	367	427	133	9,855
Wright State U. all campuses	34,860	561	20,531	3,209	2,914	2,423	20	161	5,041
Youngstown State U.	1,398	1	180	1	889	0	13	260	54
Private	306,053	859	186,593	732	12,164	1,349	2,896	18,745	82,715
Antioch U. all campuses	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	250,674	509	185,237	333	10,950	1,080	2,839	18,739	30,987
C. Wooster	413	38	2	1	270	72	30	0	0
Denison U.	546	48	166	10	282	13	21	6	0
John Carroll U.	442	0	167	135	140	0	0	0	0
Oberlin C.	471	22	192	44	117	96	0	0	0
OH Wesleyan U.	284 e	0 e	182 e	0 e	74 e	28 e	0 e	0 e	0 e
Union Institute & U.	0	0	0	0	0	0	0	0	0
U. Dayton	52,943	172	482	164	331	60	6	0	51,728
U. Findlay, The	200	70	85	45	0	0	0	0	0
Wilberforce U.	80	0	80	0	0	0	0	0	0
Oklahoma	295,098	32,116	140,815	8,379	26,213	14,168	24,641	3,486	45,280
Public	283,571	31,986	139,847	5,142	24,849	14,131	24,581	3,486	39,549
Langston U.	4,332	0	4,332	0	0	0	0	0	0
Northeastern State U.	1,283	0	735	13	107	8	279	141	0
OK State U. all campuses	103,079	2,025	57,737	1,351	9,129	446	8,559	3,325	20,507
Southeastern OK State U.	231	32 i	74 i	17 i	33 i	8 i	15 i	20 i	32 i
U. Central OK	180	0	180	0	0	0	0	0	0
U. OK all campuses	174,466	29,929	76,789	3,761	15,580	13,669	15,728	0	19,010
Private	11,527	130	968	3,237	1,364	37	60	0	5,731
U. Tulsa	11,527	130	968	3,237	1,364	37	60	0	5,731
Oregon	436,958	42,129	287,768	29,582	15,884	17,108	14,691	1,686	28,110
Public	433,565	42,095	286,798	29,559	14,484	17,038	14,036	1,686	27,869
Eastern OR U.	226	0	0	0	75	51	0	100	0
OR Health and Science U.	197,178	0	166,291	20,207	0	10,680	0	0	0
OR Institute of Technology	1,752	39	0	394	0	0	0	0	1,319
OR State U.	167,631	37,739	95,370	3,470	3,800	39	2,730	887	23,596
Portland State U.	21,433	2,618	3,377	2,411	1,772	371	7,689	699	2,496
Southern OR U.	741	0	205	0	377	0	159	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. OR	44,604	1,699	21,555	3,077	8,460	5,897	3,458	0	458
Private	3,393	34	970	23	1,400	70	655	0	241
Lewis and Clark C.	622	22	301	21	232	40	6	0	0
Pacific U.	823	0	0	0	223	0	600	0	0
Reed C.	1,129	0	404	0	655	30	40	0	0
U. Portland	543	0	149	2	142	0	9	0	241
Willamette U.	276	12	116	0	148	0	0	0	0
Pennsylvania	2,013,453	47,487	1,187,741	138,901	135,996	55,511	88,657	20,569	338,591
Public	1,017,018	44,201	574,035	30,002	83,294	35,659	36,734	10,230	202,863
East Stroudsburg U. PA	152	0	152	0	0	0	0	0	0
Indiana U. PA all campuses	841	152	185	4	110	3	342	29	16
Lincoln U. (Lincoln University, PA)	704	0	329	0	263	0	0	112	0
PA State U. all campuses	533,427	43,134	175,537	23,874	57,498	17,220	26,511	6,083	183,570
Temple U.	71,327	165	42,315	921	8,676	11,558	3,884	0	3,808
U. Pittsburgh all campuses	409,684	664	354,931	5,154	16,654	6,878	5,928	4,006	15,469
West Chester U. PA	883	86	586	49	93	0	69	0	0
Private	996,435	3,286	613,706	108,899	52,702	19,852	51,923	10,339	135,728
Allegheny C.	974	342	139	0	181	5	0	307	0
Bryn Mawr C.	4,705	197	408	510	1,055	2,190	345	0	0
Bucknell U.	2,123	358	120	12	354	24	0	48	1,207
Carnegie-Mellon U.	186,351	0	7,098	89,600	13,624	11,111	10,037	694	54,187
Dickinson C.	1,550	188	398	143	619	77	125	0	0
Drexel U.	69,548	0	31,036	2,855	2,577	520	0	0	32,560
Duquesne U.	6,848	0	4,669	166	1,872	0	141	0	0
Franklin and Marshall C.	1,028	128	511	4	203	123	59	0	0
Haverford C.	1,428	0 i	601 i	46 i	664 i	93 i	24 i	0 i	0 i
Juniata C.	530	22	369	0	136	0	0	3	0
La Salle U.	104	0	55	12	0	5	32	0	0
Lafayette C.	2,065	26	269	25	120	75	19	620	911
Lehigh U.	29,211	1,148	1,592	1,435	4,580	76	48	0	20,332
PA C. of Optometry	1,226	0	1,226	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	836	0	836	0	0	0	0	0	0
St. Joseph's U.	2,660	0	259	122	72	271	390	1,546	0
Swarthmore C.	1,717	0	245	154	531	181	365	16	225
Thomas Jefferson U.	109,083	0	109,083	0	0	0	0	0	0
U. PA	564,716	656	451,131	13,402	25,291	4,978	40,272	6,928	22,058
U. Scranton	2,599	0	2,360	11	228	0	0	0	0
U. of the Sciences Philadelphia	453	0	453	0	0	0	0	0	0
Villanova U.	6,000 i	139 i	464 i	365 i	595 i	123 i	66 i	0 i	4,248 i

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Widener U. all campuses	253 i	39 i	0 i	37 i	0 i	0 i	0 i	177 i	0 i
Wilkes U.	427	43	384	0	0	0	0	0	0
Rhode Island	187,131	34,956	82,246	13,572	11,420	7,791	6,452	4,373	26,321
Public	61,818	28,756	16,599	306	742	5,515	152	4,373	5,375
U. RI	61,818	28,756	16,599	306	742	5,515	152	4,373	5,375
Private	125,313	6,200	65,647	13,266	10,678	2,276	6,300	0	20,946
Brown U.	125,090	6,200	65,444	13,266	10,668	2,266	6,300	0	20,946
Providence C.	223 e	0 e	203 e	0 e	10 e	10 e	0 e	0 e	0 e
South Carolina	435,328	22,178	242,675	7,913	28,153	6,454	19,507	17,701	90,747
Public	432,828	21,970	241,305	7,880	27,441	6,277	19,507	17,701	90,747
Clemson U.	152,986	0	47,986	4,140	10,055	882	10,302	15,100	64,521
Coastal Carolina U.	940	768	69	0	100	2	0	1	0
C. Charleston	3,716	2,060	426	169	640	16	391	14	0
Medical U. SC	150,551	0	150,551	0	0	0	0	0	0
SC State U.	3,225	0 i	708 i	0 i	1,547 i	0 i	915 i	0 i	55 i
U. SC all campuses	121,410	19,142	41,565	3,571	15,099	5,377	7,899	2,586	26,171
Private	2,500	208	1,370	33	712	177	0	0	0
Benedict C.	1,071	0	955	0	116	0	0	0	0
Clafin U.	293	0	293	0	0	0	0	0	0
Furman U.	1,136	208	122	33	596	177	0	0	0
Morris C.	0	0	0	0	0	0	0	0	0
South Dakota	49,977	4,459	29,246	182	2,738	188	4,246	395	8,523
Public	49,653	4,459	29,192	30	2,664	188	4,202	395	8,523
SD School of Mines and Technology	10,853	3,661	0	4	137	0	0	394	6,657
SD State U.	27,652	712	22,702	22	450	3	1,897	0	1,866
U. SD	11,148	86	6,490	4	2,077	185	2,305	1	0
Private	324	0	54	152	74	0	44	0	0
Augustana C. (Sioux Falls, SD)	324	0	54	152	74	0	44	0	0
Tennessee	599,723	9,867	386,594	17,336	33,009	22,287	28,301	21,687	80,642
Public	295,222	9,717	146,895	16,657	16,063	11,768	22,794	14,597	56,731
East TN State U.	12,971	28	6,505	129	104	47	5,575	442	141
Middle TN State U.	2,219	15	1,041	481	262	22	297	0	101
TN State U.	14,306	0	6,597	687	1,435	12	1,340	0	4,235
TN Technological U.	9,609	19	924	34	253	0	12	0	8,367
U. Memphis, The	38,728	4,473	5,399	2,962	1,627	11,373	7,043	1,290	4,561
U. TN	210,388	5,182	126,007	11,958	12,282	307	7,509	10,586	36,557

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. TN Chattanooga	5,385	0	422	399	100	7	1,018	670	2,769
U. TN Martin	1,616	0	0	7	0	0	0	1,609	0
Private	304,501	150	239,699	679	16,946	10,519	5,507	7,090	23,911
Fisk U.	3,000	0	0	0	3,000	0	0	0	0
Le Moyne-Owen C.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Meharry Medical C.	25,427	0	25,427	0	0	0	0	0	0
Vanderbilt U.	276,074	150	214,272	679	13,946	10,519	5,507	7,090	23,911
Texas	2,765,634	156,018	1,849,606	113,296	174,800	27,382	53,813	12,985	377,734
Public	2,231,522	151,945	1,377,050	97,616	153,999	23,516	51,921	11,605	363,870
Lamar U.	4,029	1,973	216	24	185	5	6	267	1,353
Prairie View A&M U.	11,193	0	5,728	1,476	1,054	0	475	0	2,460
Sam Houston State U.	3,269 i	1,233 i	505 i	124 i	79 i	2 i	1,326 i	0 i	0 i
Southwest TX State U.	7,621	92	2,044	897	3,734	0	663	0	191
Stephen F. Austin State U.	4,954	0	4,253	24	109	13	515	40	0
Sul Ross State U.	838	91	294	0	0	0	453	0	0
Tarleton State U.	8,534	4,161	4,274	15	71	0	0	0	13
TX A&M U. all campuses	456,235	85,351	160,127	15,400	32,808	2,725	5,384	4,201	150,239
TX A&M U. Commerce	303	0	131	9	159	0	4	0	0
TX A&M U. Corpus Christi	10,281	3,230	801	2,001	1,184	30	73	213	2,749
TX A&M U. Kingsville	10,203	1,668	7,144	0	114	0	0	105	1,172
TX A&M U. System Health Science Ctr.	55,031	580	53,382	0	0	146	0	0	923
TX Southern U.	3,088	0	2,921	19	4	0	0	144	0
TX Tech U.	92,515	11,421	41,037	2,176	9,003	424	7,240	693	20,521
TX Woman's U.	2,932	0	2,756	2	24	1	47	102	0
U. Houston	63,455	1,404	12,726	6,076	5,924	3,294	9,802	0	24,229
U. Houston-Clear Lake	1,224	246	241	396	94	11	8	6	222
U. Houston-Downtown	661	0	114	226	209	0	16	79	17
U. North TX	13,990	1,543	2,544	1,571	3,753	694	1,540	0	2,345
U. North TX Health Science Ctr. Ft. Worth	15,388	0	15,388	0	0	0	0	0	0
U. TX Arlington	15,102	163	1,224	355	3,256	204	541	0	9,359
U. TX Austin	343,854	29,744	43,886	44,135	73,352	7,186	20,251	4,317	120,983
U. TX Dallas	30,748	3,578	5,737	3,955	7,378	157	633	1,307	8,003
U. TX El Paso	27,185	4,676	6,177	869	3,383	526	789	129	10,636
U. TX Health Science Ctr. Houston	149,294	0	149,294	0	0	0	0	0	0
U. TX Health Science Ctr. San Antonio	133,304	0	133,304	0	0	0	0	0	0
U. TX M. D. Anderson Cancer Ctr.	315,169	0	283,543	14,720	7,097	7,856	187	0	1,766
U. TX Medical Branch	153,122	0	150,479	0	0	0	0	0	2,643

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
U. TX San Antonio	13,654	396	7,349	2,528	796	150	1,900	0	535
U. TX Southwestern Medical Ctr. Dallas	276,692	0	276,692	0	0	0	0	0	0
U. TX-Pan American	2,920	61	1,146	572	173	91	40	0	837
West TX A&M U.	4,734	334	1,593	46	56	1	28	2	2,674
Private	534,112	4,073	472,556	15,680	20,801	3,866	1,892	1,380	13,864
Abilene Christian U.	231	0	5	0	222	4	0	0	0
Baylor C. of Medicine	461,763	0	461,763	0	0	0	0	0	0
Baylor U.	4,203	791	196	255	1,730	143	135	902	51
Jarvis Christian C.	335	15	93	39	170	2	10	6	0
Rice U.	52,367	1,326	7,857	14,172	15,469	925	839	0	11,779
Southern Methodist U.	9,890	1,810	2,056	1,078	1,615	405	853	310	1,763
St. Mary's U. (San Antonio, TX)	300	0	0	0	0	0	0	162	138
TX Christian U.	3,693	93	207	13	819	2,381	49	0	131
Trinity U.	935	18	365	33	511	6	0	0	2
U. Dallas	97	0	2	25	64	0	6	0	0
Wiley C.	298	20	12	65	201	0	0	0	0
Utah	385,158	14,408	191,226	21,702	25,889	5,336	5,960	9,513	111,124
Public	362,601	14,265	187,819	19,972	22,133	4,640	4,476	9,029	100,267
U. UT	223,739	4,531	148,016	18,614	18,333	2,368	1,737	0	30,140
UT State U.	138,862	9,734	39,803	1,358	3,800	2,272	2,739	9,029	70,127
Private	22,557	143	3,407	1,730	3,756	696	1,484	484	10,857
Brigham Young U. all campuses	22,557	143	3,407	1,730	3,756	696	1,484	484	10,857
Vermont	106,581	640	95,534	1,414	2,416	1,024	143	3,174	2,236
Public	104,994	550	94,922	1,414	1,554	1,024	143	3,174	2,213
U. VT	104,994	550	94,922	1,414	1,554	1,024	143	3,174	2,213
Private	1,587	90	612	0	862	0	0	0	23
Middlebury C.	1,587 e	90 e	612 e	0 e	862 e	0 e	0 e	0 e	23 e
Virginia	776,026	66,427	415,731	28,701	58,478	18,956	20,615	637	166,481
Public	719,213	55,794	380,162	28,092	52,269	18,835	20,299	402	163,360
Christopher Newport U.	2,055	0	264	130	1,622	39	0	0	0
C. of William and Mary all campuses	43,974	30,325	2,225	1,359	8,339	380	1,346	0	0
George Mason U.	44,980	8,387	7,841	8,006	386	2,747	8,193	0	9,420
James Madison U.	4,484	64	974	1,995	642	376	188	108	137
Norfolk State U.	4,532	0	49	357	3,654	0	13	49	410
Old Dominion U.	30,324	3,563	2,970	1,757	1,852	873	1,021	0	18,288

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Radford U.	294	80	32	1	10	5	151	15	0
U. VA all campuses	206,199	2,657	141,784	6,695	15,315	6,367	1,352	230	31,799
VA Commonwealth U.	126,451	614	107,759	252	5,102	5,101	1,632	0	5,991
VA Military Institute	904	0	8	6	82	1	4	0	803
VA Polytechnic Institute and State U.	247,807	10,104	109,760	7,534	14,552	2,946	6,399	0	96,512
VA State U.	7,209	0	6,496	0	713	0	0	0	0
Private	56,813	10,633	35,569	609	6,209	121	316	235	3,121
Eastern VA Medical School	32,801	0	32,801	0	0	0	0	0	0
Hampton U.	18,673	10,595	2,028	259	4,868	0	155	0	768
Institute of Textile Technology	2,826 e	0 e	0 e	155 e	350 e	0 e	0 e	0 e	2,321 e
Roanoke C.	476	0	120	1	325	0	30	0	0
U. Richmond	1,470	7	386	160	524	86	74	233	0
VA Union U.	567 i	31 i	234 i	34 i	142 i	35 i	57 i	2 i	32 i
Washington	869,695	89,755	584,457	14,297	48,064	11,108	29,040	4,971	88,003
Public	869,076	89,399	584,261	14,297	47,997	11,108	29,040	4,971	88,003
Central WA U.	2,698	1,601	356	383	304	15	39	0	0
Eastern WA U.	1,156	10	201	20	30	16	879	0	0
Evergreen State C.	511	0	242	92	52	0	0	125	0
U. WA	684,814	82,846	474,742	12,705	33,589	8,640	15,229	0	57,063
WA State U.	175,181	3,691	107,386	1,004	13,497	1,821	12,660	4,846	30,276
Western WA U.	4,716	1,251	1,334	93	525	616	233	0	664
Private	619	356	196	0	67	0	0	0	0
Gonzaga U.	0	0	0	0	0	0	0	0	0
Whitman C.	619	356	196	0	67	0	0	0	0
West Virginia	120,514	6,253	68,153	809	6,929	462	1,593	1,056	35,259
Public	120,125	6,253	67,765	809	6,928	462	1,593	1,056	35,259
Bluefield State C.	54	0	18	0	0	0	0	0	36
Marshall U. Graduate C.	15,070	11	7,621	0	221	0	0	0	7,217
WV School of Osteopathic Medicine	188	0	188	0	0	0	0	0	0
WV State C.	65 i	0 i	57 i	0 i	8 i	0 i	0 i	0 i	0 i
WV U.	104,748	6,242	59,881	809	6,699	462	1,593	1,056	28,006
Private	389	0	388	0	1	0	0	0	0
Salem International U.	389 i	0 i	388 i	0 i	1 i	0 i	0 i	0 i	0 i

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Wisconsin	881,214	51,607	568,472	19,727	55,277	27,371	48,456	4,748	105,556
Public	758,773	51,607	456,430	19,625	54,382	27,168	47,795	1,529	100,237
U. WI Eau Claire	1,131	136	282	38	655	0	20	0	0
U. WI Green Bay	1,122	937	5	0	0	11	56	113	0
U. WI La Crosse	1,483	2	524	115	138	1	488	215	0
U. WI Madison	721,248	44,557	449,977	17,725	47,928	26,189	39,324	18	95,530
U. WI Milwaukee	27,259	4,472	2,999	1,652	5,112	700	7,622	0	4,702
U. WI Oshkosh	942	37	349	36	199	139	37	145	0
U. WI Parkside	559	46	298	0	74	114	0	27	0
U. WI River Falls	331	0	226	0	98	0	7	0	0
U. WI Stevens Point	1,980	539	1,305	0	69	4	58	0	5
U. WI Stout	1,437	0	350	51	12	10	3	1,011	0
U. WI Superior	1,057	881	61	0	4	0	111	0	0
U. WI Whitewater	224	0	54	8	93	0	69	0	0
Private	122,441	0	112,042	102	895	203	661	3,219	5,319
Marquette U.	11,385	0	2,972	102	857	203	649	3,219	3,383
Medical C. WI	108,608	0	108,608	0	0	0	0	0	0
Milwaukee School of Engineering	2,448	0	462	0	38	0	12	0	1,936
Wyoming	60,054	8,076	27,752	440	5,271	1,592	1,800	8,559	6,564
Public	60,054	8,076	27,752	440	5,271	1,592	1,800	8,559	6,564
U. WY	60,054	8,076	27,752	440	5,271	1,592	1,800	8,559	6,564
Guam	6,989	1,082	5,179	0	0	0	715	0	13
Public	6,989	1,082	5,179	0	0	0	715	0	13
U. GU	6,989	1,082	5,179	0	0	0	715	0	13
Puerto Rico	78,410	7,316	49,973	909	6,084	1,356	2,209	0	10,563
Public	62,626	7,316	34,203	909	6,070	1,356	2,209	0	10,563
U. PR Mayaguez Campus	20,029	5,396	703	464	3,330	0	81	0	10,055
U. PR Medical Sciences Campus	31,124	0	31,124	0	0	0	0	0	0
U. PR Rio Piedras Campus	11,473	1,920	2,376	445	2,740	1,356	2,128	0	508
Private	15,784	0	15,770	0	14	0	0	0	0
Ponce School of Medicine	7,491	0	7,491	0	0	0	0	0	0
Pontifical Catholic U. PR, The	19	0	5	0	14	0	0	0	0
Universidad Central del Caribe	8,274	0	8,274	0	0	0	0	0	0

TABLE 25. R&D expenditures at universities and colleges, by state, control, and science and engineering field: FY 2003

(Dollars in thousands)

State, control, and institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
Virgin Islands	15,762	1,551	10,222	2,865	793	0	331	0	0
Public	15,762	1,551	10,222	2,865	793	0	331	0	0
U. of the VI	15,762	1,551 i	10,222 i	2,865 i	793 i	0 i	331 i	0 i	0 i

e = estimated.

i = imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$607 million in total R&D expenditures.

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 2003.