

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
United States	5,435,117	3,064,777	852,276	869,879	648,185	4,681,801	2,726,308	715,637	716,901	522,955
Alabama										
Public										
AL A&M U.	4,878 i	2,262 i	1,141 i	801 i	674 i	4,384 i	2,111 i	1,000 i	705 i	568 i
AL State U.	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	6,413	3,629 i	1,214 i	853 i	717 i	5,659	3,220 i	1,072 i	757 i	610 i
Auburn U., Montgomery	0	0	0	0	0	0	0	0	0	0
Jacksonville State U.	0	0	0	0	0	0	0	0	0	0
U. AL, Birmingham	50,806	27,267	20,696	1,911	932	47,487	26,958	19,508	241	780
U. AL, Huntsville	2,397	1,944	0	322	131	2,397	1,944	0	322	131
U. AL, Tuscaloosa	3,646	2,521	721	70	334	3,265	2,521	340	70	334
U. North AL	25 i	16 i	3 i	2 i	4 i	19 i	14 i	2 i	0 i	3 i
U. South AL	2,536	606	800	0	1,130	2,536	606	800	0	1,130
Private										
Tuskegee U.	14 i	14 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Alaska										
Public										
U. AK, Anchorage	326	0	0	0	326	326	0	0	0	326
U. AK, Fairbanks	3,657	25	0	0	3,632	3,657	25	0	0	3,632
U. AK, Southeast	0	0	0	0	0	0	0	0	0	0
Private										
AK Pacific U.	0	0	0	0	0	0	0	0	0	0
Arizona										
Public										
AZ State U.	23,093	15,458	3,713	2,226	1,696	18,103	12,527	2,891	1,537	1,148
Dine C.	24 i	13 i	2 i	0 i	9 i	24 i	13 i	2 i	0 i	9 i
Northern AZ U.	1,770	1,416	31	151	172	1,758	1,404	31	151	172
U. AZ	75,692	20,917	23,895 i	16,791 i	14,089 i	69,771	16,104	23,607 i	16,664 i	13,396 i
Private										
Prescott C.	0	0	0	0	0	0	0	0	0	0
Arkansas										
Public										
AR State U., Jonesboro	1,186	114	1,070	0	2	1,132	86	1,044	0	2
AR Tech U.	24 i	13 i	4 i	2 i	5 i	17 i	11 i	3 i	0 i	3 i
Southern AR U.	0	0	0	0	0	0	0	0	0	0
U. AR, Fayetteville	3,556	3,205	147	167	37	3,250	3,085	0	128	37
U. AR for Medical Sciences	6,818	5,475	865	325	153	6,378	5,353	762	260	3

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

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	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
U. AR, Little Rock	908	908	0	0	0	908	908	0	0	0
U. AR, Pine Bluff	178	178	0	0	0	178	178	0	0	0
U. Central AR	62	62	0	0	0	62	62	0	0	0
Private										
Harding U.	0	0	0	0	0	0	0	0	0	0
Hendrix C.	0	0	0	0	0	0	0	0	0	0
Lyon C.	0	0	0	0	0	0	0	0	0	0
Ouachita Baptist U.	0	0	0	0	0	0	0	0	0	0
Philander Smith C.	0	0	0	0	0	0	0	0	0	0
California										
Public										
CA Maritime Academy	2,060	1,200	0	0	860	1,200	1,200	0	0	0
CA Polytechnic State U., San Luis Obispo	1,248	880	234	134	0	925	737	93	95	0
CA State Polytechnic U., Pomona	51	51	0	0	0	6	6	0	0	0
CA State U., Bakersfield	1,247	1,136	0	111	0	0	0	0	0	0
CA State U., Channel Islands	0	0	0	0	0	0	0	0	0	0
CA State U., Chico	10	0	10	0	0	10	0	10	0	0
CA State U., Dominguez Hills	38	0	0	20	18	38	0	0	20	18
CA State U., East Bay	77	6	0	0	71	0	0	0	0	0
CA State U., Fresno	1,181	779	389	0	13	646	633	0	0	13
CA State U., Fullerton	3,773	1,944	13	13	1,803	3,076	1,701	0	0	1,375
CA State U., Long Beach	3,472 i	637 i	1,236 i	869 i	730 i	3,100 i	637 i	1,083 i	765 i	615 i
CA State U., Los Angeles	32	32	0	0	0	32	32	0	0	0
CA State U., Monterey Bay	663	231	403	0	29	636	204	403	0	29
CA State U., Northridge	805	615	141	0	49	777	615	141	0	21
CA State U., Sacramento	459	193	239	27	0	343	77	239	27	0
CA State U., San Bernardino	1,026	189	0	0	837	945	179	0	0	766
CA State U., San Marcos	153 i	79 i	29 i	17 i	28 i	131 i	79 i	22 i	8 i	22 i
CA State U., Stanislaus	67 i	43 i	10 i	7 i	7 i	62 i	43 i	8 i	6 i	5 i
Humboldt State U.	290	209 i	28 i	26 i	27 i	74	43 i	13 i	5 i	13 i
Naval Postgraduate School	9,203	7,414	367	1,422	0	9,203	7,414	367	1,422	0
San Diego State U.	14,530	10,176	2,883	1,352	119	10,933	8,694	1,166	983	90
San Francisco State U.	777	617	0	21	139	756	617	0	0	139
San Jose State U.	3,825	2,561	404	735	125	757	255	393	80	29
Sonoma State U.	19	19	0	0	0	0	0	0	0	0
U. CA, Berkeley	95,612	53,508 i	17,911 i	12,413 i	11,780 i	47,105	26,809 i	8,927 i	6,302 i	5,067 i
U. CA, Davis	54,003	30,178 i	10,324 i	7,229 i	6,272 i	42,370	24,113 i	8,031 i	5,669 i	4,557 i
U. CA, Hastings C. of Law	23 i	15 i	3 i	1 i	4 i	0 i	0 i	0 i	0 i	0 i
U. CA, Irvine	24,080	13,515 i	4,584 i	3,212 i	2,769 i	19,338	11,005 i	3,665 i	2,587 i	2,081 i
U. CA, Los Angeles	87,587	48,401 i	17,004 i	11,914 i	10,268 i	71,589	40,744 i	13,568 i	9,577 i	7,700 i

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	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
U. CA, Merced	1,588	886 i	308 i	217 i	177 i	1,588	886 i	308 i	217 i	177 i
U. CA, Office of the President	7,515	4,191 i	1,369 i	931 i	1,024 i	18	0 i	7 i	5 i	6 i
U. CA, Riverside	7,651	4,252 i	1,475 i	1,034 i	890 i	6,321	3,596 i	1,198 i	846 i	681 i
U. CA, San Diego	94,451	52,849 i	18,012 i	12,605 i	10,985 i	72,635	41,340 i	13,766 i	9,717 i	7,812 i
U. CA, San Francisco	107,326	60,114 i	20,546 i	14,419 i	12,247 i	91,201	51,907 i	17,284 i	12,201 i	9,809 i
U. CA, Santa Barbara	18,544	10,389 i	3,550 i	2,492 i	2,113 i	15,935	9,068 i	3,020 i	2,132 i	1,715 i
U. CA, Santa Cruz	12,223	6,924 i	2,327 i	1,641 i	1,331 i	12,042	6,852 i	2,283 i	1,611 i	1,296 i
Valdosta State U.	0	0	0	0	0	0	0	0	0	0
Private										
Alliant International U.	0	0	0	0	0	0	0	0	0	0
Art Ctr. C. of Design	0	0	0	0	0	0	0	0	0	0
Azusa Pacific U.	60	60	0	0	0	60	60	0	0	0
CA Institute of Technology	46,114	28,790	0	0	17,324	45,201	27,952	0	0	17,249
CA Lutheran U.	0	0	0	0	0	0	0	0	0	0
Chapman U.	0	0	0	0	0	0	0	0	0	0
Charles R. Drew U. of Medicine and Science	6,498	4,246	0	2,252	0	6,498	4,246	0	2,252	0
Claremont Graduate U.	2,200	2,200	0	0	0	2,000	2,000	0	0	0
Claremont McKenna C.	0	0	0	0	0	0	0	0	0	0
Claremont School of Theology	0	0	0	0	0	0	0	0	0	0
Dominican U. CA	0	0	0	0	0	0	0	0	0	0
Fuller Theological Seminary	51	38	0	13	0	0	0	0	0	0
Harvey Mudd C.	129	129	0	0	0	129	129	0	0	0
Keck Graduate Institute	576 i	185 i	300 i	91 i	0 i	576	185	300	91	0
La Sierra U.	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	7,067	1,576	5,171	296	24	6,901	1,544	5,061	296	0
Loyola Marymount U.	0	0	0	0	0	0	0	0	0	0
Mills C.	264	264	0	0	0	17	17	0	0	0
Mt. St. Mary's C.	0	0	0	0	0	0	0	0	0	0
National Flight Test Institute	52	0	52	0	0	52	0	52	0	0
National U.	168 i	108 i	18 i	35 i	7 i	159 i	107 i	15 i	31 i	6 i
Occidental C.	278	116	0	162	0	116	116	0	0	0
Olivet U.	0	0	0	0	0	0	0	0	0	0
Palo Alto U.	0	0	0	0	0	0	0	0	0	0
Pepperdine U.	41	0	41	0	0	41	0	41	0	0
Pitzer C.	0	0	0	0	0	0	0	0	0	0
Pomona C.	409	409	0	0	0	409	409	0	0	0
Santa Clara U.	342 i	191 i	34 i	71 i	46 i	298 i	170 i	29 i	60 i	39 i
Scripps C.	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute	31,037	19,904	2,059	9,046	28	30,496	19,904	1,855	8,737	0

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	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Southern CA C. of Optometry	42 i	27 i	4 i	8 i	3 i	38 i	26 i	3 i	7 i	2 i
Stanford U.	71,446	48,038	10,073	6,247	7,088	59,149	40,183	7,669	5,918	5,379
Touro U., Vallejo	389	389	0	0	0	389	389	0	0	0
U. Redlands	88	6	57	0	25	63	6	57	0	0
U. San Diego	197	103	0	94	0	147	53	0	94	0
U. San Francisco	152	152	0	0	0	152	152	0	0	0
U. Southern CA	73,924	36,600	200	2,271	34,853	66,067	32,665	0	0	33,402
U. of the Pacific	927	162	533	13	219	255	36	0	0	219
Vanguard U.	0	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	18	0	0	18	0	18	0	0	18	0
Colorado										
Public										
CO School of Mines	2,824	2,223	522	0	79	2,824	2,223	522	0	79
CO State U., Ft. Collins	27,983	6,405 i	9,465 i	6,671 i	5,442 i	26,965	6,322 i	9,080 i	6,409 i	5,154 i
CO State U., Pueblo	0	0	0	0	0	0	0	0	0	0
Ft. Lewis C.	58	58	0	0	0	58	58	0	0	0
Mesa State C.	0	0	0	0	0	0	0	0	0	0
U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
U. CO, Boulder	24,834	13,536	6,963	4,335	0	21,465	11,699	5,607	4,159	0
U. CO, Colorado Springs	105	42	35	0	28	105	42	35	0	28
U. CO, Denver and Anschutz Medical Campus	37,691	19,271	6,126	10,764	1,530	35,945	19,271	5,312	9,969	1,393
U. Northern CO	161	101	0	60	0	161	101	0	60	0
Private										
CO C.	14	4	0	10	0	14	4	0	10	0
Regis U.	0	0	0	0	0	0	0	0	0	0
U. Denver	1,565	578	779	208	0	1,409	511	779	119	0
Connecticut										
Public										
Central CT State U.	0	0	0	0	0	0	0	0	0	0
Eastern CT State U.	0	0	0	0	0	0	0	0	0	0
Southern CT State U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
U. CT	17,237	12,071	3,454	714	998	16,630	11,946	3,445	639	600
Private										
CT C.	17	17	0	0	0	17	17	0	0	0
Fairfield U.	46	46	0	0	0	46	46	0	0	0
Trinity C., Hartford	212	212	0	0	0	212	212	0	0	0
U. Bridgeport	0	0	0	0	0	0	0	0	0	0
U. Hartford	265	240	0	0	25	265	240	0	0	25

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U. New Haven	0	0	0	0	0	0	0	0	0	0
Wesleyan U.	72	72	0	0	0	62	62	0	0	0
Yale U.	46,645	29,428	0	17,217	0	40,320	25,323	0	14,997	0
Delaware										
Public										
DE State U.	584	360	0	0	224	584	360	0	0	224
U. DE	14,482	9,316	4,332	777	57	13,607	8,817	4,080	677	33
District of Columbia										
Public										
U. DC	28	28	0	0	0	28	28	0	0	0
Private										
American U.	1,228	508	36	684	0	1,179	508	36	635	0
Catholic U. America	238	180	0	58	0	96	82	0	14	0
Gallaudet U.	1,587	1,587	0	0	0	1,587	1,587	0	0	0
George Washington U.	37,442	19,415	4,111	13,839	77	30,500	18,957	2,606	8,860	77
Georgetown U.	23,719	10,685	155	12,730	149	21,918	9,959	116	11,748	95
Howard U.	3,639	2,098	289	1,252	0	3,173	1,666	285	1,222	0
Florida										
Public										
Edison State C.	6 i	3 i	0 i	0 i	3 i	6 i	3 i	0 i	0 i	3 i
FL A&M U.	3,436	2,269	883	0	284	2,920	2,269	617	0	34
FL Atlantic U.	2,087	1,500	309	21	257	1,654	1,275	253	0	126
FL Gulf Coast U.	0	0	0	0	0	0	0	0	0	0
FL International U.	7,505	2,663	3,603	132	1,107	6,480	2,068	3,277	71	1,064
FL State U.	26,612	14,152	9,805	1,860	795	24,101	12,440	9,556	1,370	735
New C. FL	54	0	0	54	0	54	0	0	54	0
U. Central FL	10,076	3,702 i	2,743 i	1,914 i	1,717 i	6,588	2,340 i	1,868 i	1,319 i	1,061 i
U. FL	46,721	42,049	2,038 i	1,432 i	1,202 i	42,010	37,809	1,847 i	1,304 i	1,050 i
U. North FL	616	371	245	0	0	577	332	245	0	0
U. South FL, Polytechnic	0	0	0	0	0	0	0	0	0	0
U. South FL, Sarasota-Manatee	0	0	0	0	0	0	0	0	0	0
U. South FL, St. Petersburg	229	131	0	0	98	229	131	0	0	98
U. South FL, Tampa	52,105	25,196	8,631	4,817	13,461	41,871	21,921	7,795	4,385	7,770
U. West FL	4,810	4,693	90	5	22	4,657	4,617	13	5	22
Private										
Barry U.	0	0	0	0	0	0	0	0	0	0
Eckerd C.	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	5,502	3,088 i	552 i	1,141 i	721 i	4,830 i	2,761 i	471 i	976 i	622 i

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FL Institute of Technology	0	0	0	0	0	0	0	0	0	0
Jacksonville U.	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U.	862	205	317	307	33	735	149	246	307	33
Palmer C. of Chiropractic, Pt. Orange	0	0	0	0	0	0	0	0	0	0
Rollins C.	0	0	0	0	0	0	0	0	0	0
Stetson U.	0	0	0	0	0	0	0	0	0	0
U. Miami	27,174	17,056	6,163	3,115	840	25,925	16,549	5,525	3,011	840
Georgia										
Public										
Albany State U.	7	7	0	0	0	7	7	0	0	0
Armstrong Atlantic State U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Columbus State U.	0	0	0	0	0	0	0	0	0	0
Ft. Valley State U.	124	124	0	0	0	124	124	0	0	0
GA Health Sciences U.	6,879	6,480	194	204	1	6,800	6,439	194	166	1
GA Institute of Technology	46,297	22,842	18,303	3,900	1,252	44,625	21,560	18,206	3,607	1,252
GA Southern U.	121	121	0	0	0	121	121	0	0	0
GA State U.	2,695	1,275	430	393	597	2,074	1,207	337	20	510
Kennesaw State U.	158	15	143	0	0	158	15	143	0	0
Savannah State U.	118	118	0	0	0	118	118	0	0	0
Southern Polytechnic State U.	0	0	0	0	0	0	0	0	0	0
U. GA	19,885	15,704	493	344	3,344	17,614	14,158	418	344	2,694
U. West GA	9	9	0	0	0	9	9	0	0	0
Private										
Agnes Scott C.	136	136	0	0	0	136	136	0	0	0
Clark Atlanta U.	656	471	185	0	0	649	471	178	0	0
Emory U.	51,815	25,675	6,476	17,953	1,711	30,044	21,467	1,817	6,711	49
Mercer U.	1,144	496	625	23	0	1,144	496	625	23	0
Morehouse C.	2,000 i	2,000 i	0 i	0 i	0 i	2,000 i	2,000 i	0 i	0 i	0 i
Morehouse School of Medicine	1,806	1,076	9	721	0	1,483	756	9	718	0
Paine C.	0	0	0	0	0	0	0	0	0	0
Spelman C.	0	0	0	0	0	0	0	0	0	0
Hawaii										
Public										
U. HI, Hilo	0	0	0	0	0	0	0	0	0	0
U. HI, Manoa	20,952	7,144	7,897	1,949	3,962	20,743	7,073	7,818	1,930	3,922
U. HI, West O'ahu	29 i	16 i	3 i	1 i	9 i	19 i	16 i	3 i	0 i	0 i
Private										
HI Pacific U.	48	48	0	0	0	48	48	0	0	0

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Idaho										
Public										
Boise State U.	1,486	1,043	349	31	63	1,394	991	319	21	63
ID State U.	1,561	983	479	61	38	1,534	983	479	34	38
U. ID	8,266	7,563	52	404	247	8,025	7,322	52	404	247
Private										
Northwest Nazarene U.	0	0	0	0	0	0	0	0	0	0
Illinois										
Public										
Chicago State U.	0	0	0	0	0	0	0	0	0	0
Eastern IL U.	0	0	0	0	0	0	0	0	0	0
Governors State U.	139	139	0	0	0	139	139	0	0	0
IL State U.	348	228	11	109	0	335	228	0	107	0
Northeastern IL U.	0	0	0	0	0	0	0	0	0	0
Northern IL U.	3,470	1,631	1,839	0	0	3,470	1,631	1,839	0	0
Southern IL U., Carbondale	5,121	3,485	725	562	349	2,327	1,685	0	562	80
Southern IL U., Edwardsville	905	519	179	40	167	633	312	179	0	142
U. IL, Chicago	25,876	12,904	5,658 i	3,976 i	3,338 i	22,428	12,668	4,293 i	3,030 i	2,437 i
U. IL, Springfield	10	0	0	0	10	10	0	0	0	10
U. IL, Urbana-Champaign	49,962	25,890	18,862	4,140	1,070	45,496	24,739	16,213	3,742	802
Western IL U.	0	0	0	0	0	0	0	0	0	0
Private										
Augustana C., Rock Island	0	0	0	0	0	0	0	0	0	0
Benedictine U.	0	0	0	0	0	0	0	0	0	0
Bradley U.	0	0	0	0	0	0	0	0	0	0
Butler U.	32 i	20 i	3 i	7 i	2 i	28 i	19 i	2 i	6 i	1 i
Chicago School of Professional Psychology	0	0	0	0	0	0	0	0	0	0
Columbia C., Chicago	196	0	196	0	0	196	0	196	0	0
DePaul U.	501	487	0	14	0	501	487	0	14	0
Dominican U.	0	0	0	0	0	0	0	0	0	0
Erikson Institute	0	0	0	0	0	0	0	0	0	0
IL Institute of Technology	3,784	1,758	1,835	112	79	3,611	1,758	1,747	76	30
IL Wesleyan U.	0	0	0	0	0	0	0	0	0	0
Lake Forest C.	15	15	0	0	0	15	15	0	0	0
Loyola U., Chicago	2,218	1,826	5	379	8	1,743	1,713	0	30	0
Midwestern U., Downers Grove	0	0	0	0	0	0	0	0	0	0
National U. of Health Sciences	19	19	0	0	0	19	19	0	0	0
North Central C.	0	0	0	0	0	0	0	0	0	0
Northwestern U.	47,542	26,860 i	4,739 i	9,792 i	6,151 i	40,440	24,038 i	3,733 i	7,742 i	4,927 i

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Rosalind Franklin U. of Medicine and Science	146	146	0	0	0	146	146	0	0	0
Rush U.	9,716	9,716	0	0	0	9,716	9,716	0	0	0
Toyota Technological Institute Chicago	0	0	0	0	0	0	0	0	0	0
U. Chicago	58,446	45,118	4,997	5,466	2,865	57,106	44,602	4,969	5,008	2,527
Wheaton C., Wheaton	0	0	0	0	0	0	0	0	0	0
Indiana										
Public										
Ball State U.	681	499	79 i	55 i	48 i	477	477	0	0	0
IN State U.	114	114	0	0	0	114	114	0	0	0
IN U., Bloomington	7,085	6,152	407 i	286 i	240 i	6,424	6,152	119 i	84 i	69 i
IN U., Gary	0	0	0	0	0	0	0	0	0	0
IN U., New Albany	0	0	0	0	0	0	0	0	0	0
IN U., South Bend	0	0	0	0	0	0	0	0	0	0
IN U.-Purdue U., Ft. Wayne	60	4	22 i	13 i	21 i	60	4	22 i	13 i	21 i
IN U.-Purdue U., Indianapolis	25,797	14,193	5,062 i	3,557 i	2,985 i	22,888	12,647	4,504 i	3,179 i	2,558 i
Purdue U., Calumet	810	32	307 i	186 i	285 i	32	32	0	0	0
Purdue U., North Central	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	48,962	39,372	4,183 i	2,939 i	2,468 i	43,878	37,598	2,762 i	1,950 i	1,568 i
U. Southern IN	0	0	0	0	0	0	0	0	0	0
Private										
DePauw U.	0	0	0	0	0	0	0	0	0	0
Earlham C.	0	0	0	0	0	0	0	0	0	0
Rose-Hulman Institute of Technology	64	64	0	0	0	64	64	0	0	0
Taylor U.	1	1	0	0	0	1	1	0	0	0
U. Notre Dame	16,484	11,443	1,320	3,040	681	10,775	8,232	967	895	681
Valparaiso U.	18	18	0	0	0	2	2	0	0	0
Wabash C.	0	0	0	0	0	0	0	0	0	0
Iowa										
Public										
IA State U.	16,294	9,124 i	3,118 i	2,187 i	1,865 i	13,726	7,811 i	2,601 i	1,836 i	1,478 i
U. IA	35,242	33,480	0	0	1,762	33,654	31,971	0	0	1,683
U. Northern IA	519	519	0	0	0	511	511	0	0	0
Private										
Coe C.	0	0	0	0	0	0	0	0	0	0
Des Moines U.	0	0	0	0	0	0	0	0	0	0
Drake U.	0	0	0	0	0	0	0	0	0	0
Grinnell C.	15	15	0	0	0	15	15	0	0	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Luther C.	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	1,006	1,006	0	0	0	1,006	1,006	0	0	0
Kansas										
Public										
Emporia State U.	0	0	0	0	0	0	0	0	0	0
Haskell Indian Nations U.	146	146	0	0	0	146	146	0	0	0
KS State U.	9,159	6,676	2,391	92	0	8,642	6,251	2,391	0	0
Pittsburg State U.	0	0	0	0	0	0	0	0	0	0
U. KS	21,411	13,904	3,856	2,873	778	19,570	12,810	3,741	2,311	708
Washburn U.	107	31	0	76	0	107	31	0	76	0
Wichita State U.	1,895	1,735	51	109	0	1,190	1,030	51	109	0
Kentucky										
Public										
Eastern KY U.	1,113	0 i	480 i	183 i	450 i	1,113	0 i	480 i	183 i	450 i
KY State U.	0	0	0	0	0	0	0	0	0	0
Morehead State U.	176	176	0	0	0	176	176	0	0	0
Murray State U.	929	289	640	0	0	929	289	640	0	0
Northern KY U.	55	55	0	0	0	55	55	0	0	0
U. KY	21,050	8,570	1,479	4,365	6,636	19,865	8,184	1,259	4,232	6,190
U. Louisville	10,447	6,268	1,823 i	1,281 i	1,075 i	9,784	5,870	1,721 i	1,215 i	978 i
Western KY U.	1,702	1,436	0	163	103	1,235	1,047	0	163	25
Private										
Bellarmine U.	0	0	0	0	0	0	0	0	0	0
Berea C.	0	0	0	0	0	0	0	0	0	0
Centre C.	0	0	0	0	0	0	0	0	0	0
Louisiana										
Public										
Grambling State U.	20	20	0	0	0	20	20	0	0	0
LA State U., Baton Rouge	13,250	11,859	0	999	392	10,393	9,340	0	952	101
LA State U., Health Sciences Ctr., New Orleans	7,994	5,430	225	1,646	693	7,503	5,047	225	1,576	655
LA State U., Medical Ctr., Shreveport	672	388	283	0	1	672	388	283	0	1
LA State U., Shreveport	0	0	0	0	0	0	0	0	0	0
LA Tech U.	914	284	613	6	11	657	108	539	0	10
McNeese State U.	94	94	0	0	0	94	94	0	0	0
Nicholls State U.	1,224	1,224	0	0	0	1,224	1,224	0	0	0
Northwestern State U. LA	23	23	0	0	0	23	23	0	0	0
Southeastern LA U.	78	44	0	34	0	52	18	0	34	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Southern U. Agriculture Research and Extension Ctr.	210	210	0	0	0	210	210	0	0	0
Southern U. and A&M C., Baton Rouge	1,996 i	1,122 i	381 i	267 i	226 i	1,763 i	1,005 i	333 i	235 i	190 i
Southern U. and A&M C., New Orleans	0	0	0	0	0	0	0	0	0	0
U. LA, Lafayette	490	167	0	0	323	297	143	0	0	154
U. LA, Monroe	28	28	0	0	0	28	28	0	0	0
U. New Orleans	10,099	1,169	7,263	159	1,508	7,033	817	4,680	28	1,508
Private										
Dillard U.	1,125 i	542 i	16 i	464 i	103 i	1,042 i	542 i	16 i	464 i	20 i
Loyola U., New Orleans	13	13	0	0	0	13	13	0	0	0
Tulane U.	15,786	11,060	1,644	192	2,890	14,984	10,469	1,524	192	2,799
Xavier U. LA	257	137	4	116	0	251	137	4	110	0
Maine										
Public										
ME Maritime Academy	17 i	11 i	2 i	1 i	3 i	12 i	9 i	1 i	0 i	2 i
U. ME	3,442	1,574	603	0	1,265	3,340	1,574	603	0	1,163
U. Southern ME	491	0	0	10	481	426	0	0	0	426
Private										
Bates C.	57	22	0	35	0	57	22	0	35	0
Bowdoin C.	47	30	17	0	0	47	30	17	0	0
Colby C.	21	0	0	0	21	21	0	0	0	21
St. Joseph's C. ME	64 i	64 i	0 i	0 i	0 i	64 i	64 i	0 i	0 i	0 i
Unity C.	0	0	0	0	0	0	0	0	0	0
U. New England	13	13	0	0	0	13	13	0	0	0
Maryland										
Public										
Bowie State U.	0	0	0	0	0	0	0	0	0	0
Frostburg State U.	244	244	0	0	0	244	244	0	0	0
Morgan State U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Salisbury U.	0	0	0	0	0	0	0	0	0	0
St. Mary's C. MD	0	0	0	0	0	0	0	0	0	0
Towson U.	500	428	0	72	0	495	423	0	72	0
Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
U.S. Naval Academy	0	0	0	0	0	0	0	0	0	0
U. Baltimore	363	210	13	140	0	318	165	13	140	0
U. MD, Baltimore	40,435	32,348	3,527 i	2,479 i	2,081 i	31,092	24,874	2,735 i	1,930 i	1,553 i
U. MD, Baltimore County	5,788	4,046	1,449	142	151	5,705	4,046	1,382	142	135
U. MD, Ctr. for Environmental Science	3,790	2,518	256	510	506	3,096	2,178	7	405	506

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
U. MD, College Park	56,958	0 i	25,023 i	17,651 i	14,284 i	55,812	0 i	24,551 i	17,330 i	13,931 i
U. MD, Eastern Shore	0	0	0	0	0	0	0	0	0	0
Private										
Capitol C.	45 i	26 i	4 i	8 i	7 i	45 i	26 i	4 i	8 i	7 i
Goucher C.	0	0	0	0	0	0	0	0	0	0
Johns Hopkins U. ^a	118,314	67,763 i	11,573 i	23,925 i	15,053 i	102,362	60,846 i	9,449 i	19,597 i	12,470 i
Loyola U., MD	25	25	0	0	0	25	25	0	0	0
MD Institute C. of Art	0	0	0	0	0	0	0	0	0	0
Sojourner-Douglass C.	16	16	0	0	0	16	16	0	0	0
Massachusetts										
Public										
Bridgewater State C.	0	0	0	0	0	0	0	0	0	0
U. MA, Amherst	13,551	9,769	2,375	1,016	391	12,709	9,661	1,704	970	374
U. MA, Boston	6,809	204	24	1,589	4,992	5,134	204	0	155	4,775
U. MA, Dartmouth	1,415	1,044	356	15	0	1,130	1,014	113	3	0
U. MA, Lowell	2,480	948	133	1,197	202	2,058	894	11	990	163
U. MA, Medical School	26,967	26,140	119	708	0	26,104	25,989	115	0	0
Private										
Amherst C.	1	1	0	0	0	1	1	0	0	0
Babson C.	247	0	72	175	0	175	0	0	175	0
Boston C.	4,307 i	2,415 i	432 i	895 i	565 i	3,737 i	2,115 i	368 i	766 i	488 i
Boston U.	36,397	18,071	4,836	12,961	529	34,953	17,566	4,804	12,109	474
Brandeis U.	2,279	1,395	830	54	0	2,061	1,265	742	54	0
Clark U.	400	0	0	400	0	337	0	0	337	0
C. of the Holy Cross	15	15	0	0	0	15	15	0	0	0
Franklin W. Olin C. of Engineering	0	0	0	0	0	0	0	0	0	0
Hampshire C.	24	24	0	0	0	24	24	0	0	0
Harvard U.	102,699	30,762	3,634	21,361	46,942	91,819	27,522	3,432	19,140	41,725
MA Institute of Technology	56,472	32,987	4,855	2,020	16,610	49,522	31,120	4,133	1,938	12,331
MGH Institute of Health Professions	0	0	0	0	0	0	0	0	0	0
Mt. Holyoke C.	28	28	0	0	0	0	0	0	0	0
New England C. of Optometry	17	17	0	0	0	17	17	0	0	0
New England School of Acupuncture	24	0	24	0	0	24	0	24	0	0
Northeastern U.	12,127	7,584	1,695	2,673	175	11,837	7,319	1,670	2,673	175
Simmons C.	93	93	0	0	0	93	93	0	0	0
Smith C.	48	25	0	23	0	48	25	0	23	0
Suffolk U.	3	3	0	0	0	3	3	0	0	0
Tufts U.	14,042	6,909	724	5,860	549	13,223	6,583	584	5,531	525

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Wellesley C.	171	87	0	0	84	61	61	0	0	0
Western New England C.	583	28	555	0	0	583	28	555	0	0
Wheaton C., Norton	27	27	0	0	0	27	27	0	0	0
Williams C.	124	124	0	0	0	124	124	0	0	0
Woods Hole Oceanographic Institution	14,530	8,726	1,405	4,338	61	12,467	7,162	1,405	3,839	61
Worcester Polytechnic Institute	1,825	1,003	646	169	7	1,761	968	617	169	7
Michigan										
Public										
Central MI U.	483	480	0	2	1	483	480	0	2	1
Eastern MI U.	484	440	0	0	44	415	388	0	0	27
Grand Valley State U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Lake Superior State U.	0	0	0	0	0	0	0	0	0	0
MI State U.	20,465	8,495	5,221 i	3,669 i	3,080 i	19,003	8,280	4,716 i	3,329 i	2,678 i
MI Technological U.	3,439	1,937	1,197	270	35	3,439	1,937	1,197	270	35
Northern MI U.	20	20	0	0	0	20	20	0	0	0
Oakland U.	135	97	38	0	0	135	97	38	0	0
Saginaw Valley State U.	0	0	0	0	0	0	0	0	0	0
U. MI, Ann Arbor	108,996	39,108	30,487 i	21,424 i	17,977 i	105,785	37,927	29,849 i	21,070 i	16,939 i
U. MI, Dearborn	578	0	252 i	177 i	149 i	578	0	252 i	177 i	149 i
U. MI, Flint	0	0	0	0	0	0	0	0	0	0
Wayne State U.	10,128	5,932	276	3,515	405	9,605	5,440	272	3,488	405
Western MI U.	3,325	1,417	832 i	584 i	492 i	2,888	1,308	695 i	490 i	395 i
Private										
Albion C.	0	0	0	0	0	0	0	0	0	0
Andrews U.	0	0	0	0	0	0	0	0	0	0
Calvin C.	0	0	0	0	0	0	0	0	0	0
Hope C.	445	36	0	409	0	445	36	0	409	0
Kalamazoo C.	0	0	0	0	0	0	0	0	0	0
Kettering U.	563	65	0	0	498	538	65	0	0	473
Lawrence Technological U.	21	21	0	0	0	21	21	0	0	0
U. Detroit Mercy	282	251	0	0	31	282	251	0	0	31
Minnesota										
Public										
Bemidji State U.	0	0	0	0	0	0	0	0	0	0
MN State U., Mankato	273 i	153 i	52 i	36 i	32 i	239 i	137 i	45 i	31 i	26 i
MN State U., Moorhead	44 i	28 i	6 i	4 i	6 i	41 i	28 i	5 i	3 i	5 i
St. Cloud State U.	225	176	0	0	49	71	31	0	0	40
U. MN, Crookston	0	0	0	0	0	0	0	0	0	0
U. MN, Duluth	321	181 i	60 i	42 i	38 i	287	163 i	54 i	38 i	32 i

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
U. MN, Morris	35	0 i	9 i	3 i	23 i	35	0 i	9 i	3 i	23 i
U. MN, Rochester	0	0	0	0	0	0	0	0	0	0
U. MN, Twin Cities	83,641	46,987 i	15,961 i	11,205 i	9,488 i	71,612	40,757 i	13,572 i	9,580 i	7,703 i
Winona State U.	0	0	0	0	0	0	0	0	0	0
Private										
Augsburg C.	0	0	0	0	0	0	0	0	0	0
Carleton C.	69	69	0	0	0	38	38	0	0	0
C. of St. Benedict	0	0	0	0	0	0	0	0	0	0
Concordia C.	0	0	0	0	0	0	0	0	0	0
Gustavus Adolphus C.	0	0	0	0	0	0	0	0	0	0
Hamline U.	0	0	0	0	0	0	0	0	0	0
Macalester C.	0	0	0	0	0	0	0	0	0	0
Northwestern Health Sciences U.	299	299	0	0	0	299	299	0	0	0
St. Catherine U.	0	0	0	0	0	0	0	0	0	0
St. John's U., Collegeville	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	16	16	0	0	0	16	16	0	0	0
U. St. Thomas (MN)	27	0	0	0	27	27	0	0	0	27
Mississippi										
Public										
Alcorn State U.	114	114	0	0	0	114	114	0	0	0
Jackson State U.	5,149	3,036	0	19	2,094	4,862	3,036	0	19	1,807
MS State U.	24,596	13,803	10,098	242	453	20,652	11,004	8,953	242	453
MS Valley State U.	0	0	0	0	0	0	0	0	0	0
U. MS and U. MS Medical Ctr.	14,815	9,636	2,065	2,653	461	13,882	9,103	1,984	2,388	407
U. Southern MS	5,254	2,991	1,969	46	248	5,220	2,957	1,969	46	248
Private										
Millsaps C.	0	0	0	0	0	0	0	0	0	0
MS C.	0	0	0	0	0	0	0	0	0	0
Tougaloo C.	747	747	0	0	0	747	747	0	0	0
Missouri										
Public										
Lincoln U., Jefferson City	1,088	85	1,003	0	0	1,088	85	1,003	0	0
MO State U.	324	268	43	13	0	311	268	43	0	0
MO U. of Science and Technology	2,896	1,120	1,615	161	0	2,820	1,044	1,615	161	0
Northwest MO State U.	0	0	0	0	0	0	0	0	0	0
Southeast MO State U.	0	0	0	0	0	0	0	0	0	0
Truman State U.	0	0	0	0	0	0	0	0	0	0
U. Central MO	0	0	0	0	0	0	0	0	0	0
U. MO, Columbia	9,466	6,399	1,219	979	869	9,184	6,138	1,198	979	869

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
New Hampshire										
Public										
Keene State C.	0	0	0	0	0	0	0	0	0	0
Plymouth State U.	10 i	0 i	3 i	2 i	5 i	5 i	0 i	2 i	0 i	3 i
U. NH	29,073	15,149	8,789	3,647	1,488	28,250	14,814	8,503	3,453	1,480
Private										
Colby-Sawyer C.	6 i	4 i	0 i	1 i	1 i	6 i	4 i	0 i	1 i	1 i
Dartmouth C.	19,651	13,112	5,169	1,338	32	19,089	12,856	4,954	1,247	32
New Jersey										
Public										
C. NJ	0	0	0	0	0	0	0	0	0	0
Kean U.	0	0	0	0	0	0	0	0	0	0
Montclair State U.	425	409	16	0	0	409	409	0	0	0
NJ Institute of Technology	12,712	3,606	2,799	1,585	4,722	12,214	3,241	2,684	1,567	4,722
Ramapo C. NJ	0	0	0	0	0	0	0	0	0	0
Richard Stockton C. NJ	22	3	19	0	0	3	3	0	0	0
Rowan U.	263	161	102	0	0	263	161	102	0	0
Rutgers, State U. NJ, Camden	159	154	0	4	1	30	30	0	0	0
Rutgers, State U. NJ, New Brunswick	52,289	36,210	9,621	5,101	1,357	45,421	31,211	8,401	4,555	1,254
Rutgers, State U. NJ, Newark	3,006	2,907	11	88	0	2,651	2,552	11	88	0
U. of Medicine and Dentistry of NJ	22,179	12,358	2,141	7,423	257	18,307	11,464	2,141	4,445	257
William Paterson U.	0	0	0	0	0	0	0	0	0	0
Private										
Drew U.	94	94	0	0	0	94	94	0	0	0
Monmouth U.	324	324	0	0	0	324	324	0	0	0
Princeton U.	32,091	25,986	4,294	1,811	0	26,622	20,740	4,186	1,696	0
Rider U.	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	6,353	5,340	605	193	215	6,203	5,340	605	193	65
New Mexico										
Public										
Eastern NM U., Portales	0	0	0	0	0	0	0	0	0	0
NM Highlands U.	120	84	36	0	0	120	84	36	0	0
NM Institute of Mining and Technology	6,533	3,027	3,188	0	318	4,462	2,323	1,821	0	318
NM State U.	17,514	5	208	0	17,301	17,235	5	0	0	17,230
U. NM	24,366	12,394	8,537	1,856	1,579	23,245	12,260	7,671	1,735	1,579

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
New York										
Public										
CUNY, Baruch C.	34	13	0	21	0	13	13	0	0	0
CUNY, Brooklyn C.	98	88	10	0	0	98	88	10	0	0
CUNY, City C.	10,646	4,512	41	4,417	1,676	9,888	4,417	41	4,417	1,013
CUNY, C. Staten Island	308	308	0	0	0	121	121	0	0	0
CUNY, Graduate Ctr.	1,000	1,000	0	0	0	1,000	1,000	0	0	0
CUNY, Hunter C.	2,492	1,736	239	517	0	2,038	1,521	0	517	0
CUNY, John Jay C. of Criminal Justice	457	77	170	122	88	165	77	0	0	88
CUNY, Lehman C.	11	11	0	0	0	11	11	0	0	0
CUNY, Medgar Evers C.	68	68	0	0	0	68	68	0	0	0
CUNY, New York City C. of Technology	0	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	1,558	1,558	0	0	0	1,552	1,552	0	0	0
CUNY, York C.	0	0	0	0	0	0	0	0	0	0
SUNY, Buffalo State C.	81	71	0	0	10	81	71	0	0	10
SUNY, C. of Agriculture and Technology, Cobleskill										
SUNY, C. of Agriculture and Technology, Morrisville										
SUNY, C. Brockport	48	47	0	1	0	1	0	0	1	0
SUNY, C. Cortland	27	0	27	0	0	27	0	27	0	0
SUNY, C. of Environmental Science and Forestry	1,142 i	341 i	349 i	245 i	207 i	897 i	203 i	305 i	215 i	174 i
SUNY, C. Fredonia	0	0	0	0	0	0	0	0	0	0
SUNY, C. Geneseo	15	15	0	0	0	15	15	0	0	0
SUNY, C. Old Westbury	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
SUNY, C. Oneonta	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Optometry	184	130	0	54	0	184	130	0	54	0
SUNY, C. Oswego	38	38	0	0	0	38	38	0	0	0
SUNY, C. Plattsburgh	157	101	56	0	0	157	101	56	0	0
SUNY, C. Potsdam	0	0	0	0	0	0	0	0	0	0
SUNY, Farmingdale State C.	0	0	0	0	0	0	0	0	0	0
SUNY, Fashion Institute of Technology	0	0	0	0	0	0	0	0	0	0
SUNY, Health Science Ctr. Brooklyn	10,289	8,975	979	335	0	10,276	8,962	979	335	0
SUNY, Institute of Technology, Utica/Rome	82	82	0	0	0	82	82	0	0	0
SUNY, New Paltz	0	0	0	0	0	0	0	0	0	0
SUNY, Purchase C.	0	0	0	0	0	0	0	0	0	0
SUNY, Stony Brook U.	8,762	6,833	624	1,140	165	8,307	6,619	581	942	165
SUNY, U. Albany	2,323	973	523	316	511	2,010	973	364	316	357
SUNY, U. Albany C. of Nanoscale S&E	3,920	3,271	649	0	0	1,842	1,812	30	0	0
SUNY, U. Binghamton	1,324	1,013	0	24	287	1,065	913	0	0	152
SUNY, U. Buffalo	10,588	4,358	454	5,752	24	7,750	3,952	394	3,380	24

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
SUNY, Upstate Medical U.	1,760	0	147	0	1,613	1,760	0	147	0	1,613
U.S. Military Academy	0	0	0	0	0	0	0	0	0	0
Private										
Adelphi U.	69	3	0	0	66	69	3	0	0	66
Albany C. of Pharmacy and Health Sciences	246	91	150	5	0	92	91	0	1	0
Albany Medical C.	973	709	9	0	255	831	702	0	0	129
Alfred U.	28	28	0	0	0	28	28	0	0	0
Bank Street C. of Ed.	0	0	0	0	0	0	0	0	0	0
Bard C.	0	0	0	0	0	0	0	0	0	0
Barnard C.	339	339	0	0	0	313	313	0	0	0
Canisius C.	0	0	0	0	0	0	0	0	0	0
Clarkson U.	1,964	1,069	581	0	314	1,650	1,069	581	0	0
Cold Spring Harbor Lab.	6,777 i	4,095 i	613 i	1,268 i	801 i	6,394 i	4,095 i	523 i	1,085 i	691 i
Colgate U.	13	13	0	0	0	13	13	0	0	0
Columbia U. in the City of New York	93,423	49,361	1,079	40,731	2,252	83,899	45,835	0	36,610	1,454
Cooper Union for the Advancement of Science and Art	0	0	0	0	0	0	0	0	0	0
Cornell U.	75,266	41,228 i	7,813 i	16,129 i	10,096 i	62,396	37,089 i	5,760 i	11,946 i	7,601 i
Daemen C.	264 i	264 i	0 i	0 i	0 i	264 i	264 i	0 i	0 i	0 i
Dowling C.	10	10	0	0	0	10	10	0	0	0
Fordham U.	517	424	0	0	93	517	424	0	0	93
Hamilton C.	11	11	0	0	0	11	11	0	0	0
Hobart and William Smith Colleges	242	225	0	0	17	231	214	0	0	17
Hofstra U.	361	361	0	0	0	361	361	0	0	0
Iona C.	0	0	0	0	0	0	0	0	0	0
Ithaca C.	71	71	0	0	0	71	71	0	0	0
Long Island U.	305 i	170 i	30 i	63 i	42 i	264 i	150 i	25 i	53 i	36 i
Louis V. Gerstner Jr. Graduate School of Biomedical Sciences at Memorial Sloan-Kettering Cancer Ctr.	0	0	0	0	0	0	0	0	0	0
Manhattan C.	0	0	0	0	0	0	0	0	0	0
Marist C.	0	0	0	0	0	0	0	0	0	0
Mercy C.	0	0	0	0	0	0	0	0	0	0
Mt. Sinai School of Medicine	53,371	36,338	1,009	13,956	2,068	51,408	35,038	997	13,330	2,043
New School	87	67	20	0	0	87	67	20	0	0
NY Chiropractic C.	0	0	0	0	0	0	0	0	0	0
NY Institute of Technology	0	0	0	0	0	0	0	0	0	0
NY Medical C.	401	401	0	0	0	401	401	0	0	0
NY U.	30,871	6,849	3,539	17,581	2,902	28,125	5,808	3,539	16,293	2,485
Niagara U.	0	0	0	0	0	0	0	0	0	0
Pace U.	223	223	0	0	0	223	223	0	0	0
Polytechnic Institute of NY U.	485	485	0	0	0	485	485	0	0	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
OH Northern U.	0	0	0	0	0	0	0	0	0	0
OH Wesleyan U.	17	17	0	0	0	17	17	0	0	0
U. Dayton	19,963	6,036	12,523	1,369	35	13,932	1,847	11,115	935	35
Wilberforce U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Wittenberg U.	0	0	0	0	0	0	0	0	0	0
Oklahoma										
Public										
East Central U.	117 i	117	0 i	0 i	0 i	117 i	117	0 i	0 i	0 i
Langston U.	0	0	0	0	0	0	0	0	0	0
Northeastern State U.	0	0	0	0	0	0	0	0	0	0
OK State U. Ctr. for Health Sciences	0	0	0	0	0	0	0	0	0	0
OK State U., Stillwater	9,346	7,944	611 i	429 i	362 i	8,316	7,069	548 i	387 i	312 i
Southeastern OK State U.	8	8	0	0	0	0	0	0	0	0
Southwestern OK State U.	0	0	0	0	0	0	0	0	0	0
U. Central OK	170	170	0	0	0	170	170	0	0	0
U. OK	13,421	8,279	4,759	343	40	10,650	7,365	3,082	174	29
Private										
U. Tulsa	668	623	45	0	0	668	623	45	0	0
Oregon										
Public										
Eastern OR U.	0	0	0	0	0	0	0	0	0	0
OR Health and Science U.	32,890	18,372	7,857	6,581	80	31,698	17,730	7,724	6,164	80
OR Institute of Technology	0	0	0	0	0	0	0	0	0	0
OR State U.	13,757	9,178	1,905	819 i	1,855 i	12,160	7,897	1,814	721 i	1,728 i
Portland State U.	10,064	5,084	365	784	3,831	6,508	5,001	201	747	559
Southern OR U.	0	0	0	0	0	0	0	0	0	0
U. OR	6,450	4,538	178	1,207	527	6,209	4,389	143	1,151	526
Western OR U.	177	129	0	25	23	115	115	0	0	0
Private										
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0
Linfield C.	0	0	0	0	0	0	0	0	0	0
National C. of Natural Medicine	14	14	0	0	0	14	14	0	0	0
Pacific U.	0	0	0	0	0	0	0	0	0	0
Reed C.	0	0	0	0	0	0	0	0	0	0
U. Portland	26	0	0	26	0	0	0	0	0	0
U. Western States	57	51	6	0	0	57	51	6	0	0
Willamette U.	51	51	0	0	0	51	51	0	0	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Pennsylvania										
Public										
Bloomsburg U. PA	0	0	0	0	0	0	0	0	0	0
CA U. PA	0	0	0	0	0	0	0	0	0	0
Cheyney U. PA	0	0	0	0	0	0	0	0	0	0
East Stroudsburg U. PA	0	0	0	0	0	0	0	0	0	0
Edinboro U. PA	0	0	0	0	0	0	0	0	0	0
Indiana U. PA	0	0	0	0	0	0	0	0	0	0
Kutztown U. PA	0	0	0	0	0	0	0	0	0	0
Lincoln U. of the Commonwealth of PA	0	0	0	0	0	0	0	0	0	0
Millersville U. PA	0	0	0	0	0	0	0	0	0	0
PA State U., Altoona	0	0	0	0	0	0	0	0	0	0
PA State U., Beaver	0	0	0	0	0	0	0	0	0	0
PA State U., Berks	0	0	0	0	0	0	0	0	0	0
PA State U., Erie	0	0	0	0	0	0	0	0	0	0
PA State U., Great Valley School of Graduate Professional Studies	0	0	0	0	0	0	0	0	0	0
PA State U., Harrisburg	0	0	0	0	0	0	0	0	0	0
PA State U., University Park and Hershey Medical Ctr.	64,560	36,078 i	12,461 i	8,771 i	7,250 i	60,539	34,455 i	11,474 i	8,099 i	6,511 i
Shippensburg U. PA	0	0	0	0	0	0	0	0	0	0
Slippery Rock U. PA	33	33	0	0	0	33	33	0	0	0
Temple U.	11,365	8,506	772	2,087	0	9,534	6,971	606	1,957	0
U. Pittsburgh, Bradford	0	0	0	0	0	0	0	0	0	0
U. Pittsburgh, Pittsburgh	66,021	40,273	4,621	20,467	660	61,819	37,710	4,327	19,164	618
West Chester U. PA	0	0	0	0	0	0	0	0	0	0
Private										
Allegheny C.	0	0	0	0	0	0	0	0	0	0
Arcadia U.	0	0	0	0	0	0	0	0	0	0
Bryn Athyn C.	0	0	0	0	0	0	0	0	0	0
Bryn Mawr C.	0	0	0	0	0	0	0	0	0	0
Bucknell U.	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	27,045	21,988	3,427	404	1,226	26,530	21,785	3,289	374	1,082
Dickinson C.	50	50	0	0	0	50	50	0	0	0
Drexel U.	18,807	6,794	5,064	3,982	2,967	16,752	6,794	5,064	3,911	983
Duquesne U.	355	354	0	1	0	354	354	0	0	0
Elizabethtown C.	0	0	0	0	0	0	0	0	0	0
Franklin and Marshall C.	0	0	0	0	0	0	0	0	0	0
Gannon U.	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	0	0	0	0	0	0	0	0	0	0
Haverford C.	20	20	0	0	0	20	20	0	0	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Clemson U.	6,531	3,651 i	1,256 i	857 i	767 i	5,329	3,651 i	821 i	857 i	0 i
Coastal Carolina U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C. Charleston	1,278	1,278	0	0	0	1,278	1,278	0	0	0
Francis Marion U.	0	0	0	0	0	0	0	0	0	0
Medical U. SC	13,198	9,529	462	161	3,046	12,484	9,529	0	0	2,955
SC State U.	1,381 i	1,381 i	0 i	0 i	0 i	1,381 i	1,381 i	0 i	0 i	0 i
U. SC, Aiken	148	148	0	0	0	148	148	0	0	0
U. SC, Beaufort	171	171	0	0	0	171	171	0	0	0
U. SC, Columbia	11,373	7,573	2,281	1,164	355	11,039	7,573	2,240	871	355
U. SC, Spartanburg	0	0	0	0	0	0	0	0	0	0
Winthrop U.	0	0	0	0	0	0	0	0	0	0
Private										
Allen U.	160 i	133 i	0 i	21 i	6 i	160 i	133 i	0 i	21 i	6 i
Benedict C.	0	0	0	0	0	0	0	0	0	0
Clafin U.	1,096	12	1,084	0	0	1,096	12	1,084	0	0
Coker C.	0	0	0	0	0	0	0	0	0	0
Furman U.	45	45	0	0	0	45	45	0	0	0
South Dakota										
Public										
Black Hills State U.	98	96	0	0	2	98	96	0	0	2
Dakota State U.	0	0	0	0	0	0	0	0	0	0
Oglala Lakota C.	0	0	0	0	0	0	0	0	0	0
SD School of Mines and Technology	1,827	1,313	504	0	10	1,486	1,020	456	0	10
SD State U.	13,606	9,331	2,949	13	1,313	13,067	9,067	2,949	6	1,045
U. SD	5,622	4,882	0	740	0	5,119	4,379	0	740	0
Private										
Augustana C., Sioux Falls	0	0	0	0	0	0	0	0	0	0
Sinte Gleska U.	0	0	0	0	0	0	0	0	0	0
U. Sioux Falls	0	0	0	0	0	0	0	0	0	0
Tennessee										
Public										
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0
East TN State U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Middle TN State U.	36	10	10	0	16	36	10	10	0	16
TN State U.	368	107	78	132	51	313	77	78	107	51
TN Technological U.	886	525	71	238	52	886	525	71	238	52
U. Memphis	2,437	1,468	383	124	462	2,027	1,352	251	117	307
U. TN, Chattanooga	1,016	66	0	0	950	1,016	66	0	0	950
U. TN, Health Science Ctr.	3,437	2,194	546 i	385 i	312 i	3,437	2,194	546 i	385 i	312 i

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
U. TN, Institute of Agriculture	1,476	1,012	204 i	144 i	116 i	1,476	1,012	204 i	144 i	116 i
U. TN, Knoxville	15,619	3,779	5,208 i	3,676 i	2,956 i	15,619	3,779	5,208 i	3,676 i	2,956 i
U. TN, Martin	0	0	0	0	0	0	0	0	0	0
Private										
Christian Brothers U.	13 i	8 i	1 i	2 i	2 i	9 i	7 i	0 i	1 i	1 i
Fisk U.	226	226	0	0	0	226	226	0	0	0
LeMoyne-Owen C.	0	0	0	0	0	0	0	0	0	0
Meharry Medical C.	1,779	1,779	0	0	0	1,758	1,758	0	0	0
Rhodes C.	0	0	0	0	0	0	0	0	0	0
Sewanee: U. of the South	0	0	0	0	0	0	0	0	0	0
Southern C. of Optometry	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	55,134	38,314	10,749	3,220	2,851	52,401	36,945	9,745	2,906	2,805
Texas										
Public										
Angelo State U.	0	0	0	0	0	0	0	0	0	0
Lamar U.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Prairie View A&M U.	350	350	0	0	0	350	350	0	0	0
Sam Houston State U.	1,376	974	18	384	0	1,376	974	18	384	0
Stephen F. Austin State U.	228	218	0	0	10	228	218	0	0	10
Sul Ross State U.	632	629	0	3	0	632	629	0	3	0
Tarleton State U.	30	0	0	0	30	0	0	0	0	0
TX A&M Health Science Ctr.	3,049	2,073	316	599	61	2,626	1,775	250	540	61
TX A&M International U.	94	94	0	0	0	94	94	0	0	0
TX A&M U., College Station	35,905	12,550	1,403	734	21,218	29,669	10,852	1,162	728	16,927
TX A&M U., Commerce	0	0	0	0	0	0	0	0	0	0
TX A&M U., Corpus Christi	456	255	121	0	80	423	255	88	0	80
TX A&M U., Kingsville	371	371	0	0	0	314	314	0	0	0
TX Southern U.	109	109	0	0	0	109	109	0	0	0
TX State U., San Marcos	5,819	3,814	1,278	0	727	4,941	3,771	1,124	0	46
TX Tech U.	3,499	2,609	291	393	206	2,714	2,364	204	146	0
TX Tech U., Health Sciences Ctr.	996	891	61	44	0	996	891	61	44	0
TX Woman's U.	208	192	0	0	16	138	122	0	0	16
U. Houston	7,376	4,174 i	1,397 i	983 i	822 i	6,585	3,747 i	1,248 i	881 i	709 i
U. Houston, Clear Lake	0	0	0	0	0	0	0	0	0	0
U. Houston, Downtown	0	0	0	0	0	0	0	0	0	0
U. North TX, Denton	1,376	939	171	216	50	701	326	149	216	10
U. North TX, Health Science Ctr.	2,438	1,830	70	447	91	2,343	1,751	60	447	85
U. TX, Arlington	4,137	2,670	369	1,098	0	3,779	2,566	143	1,070	0
U. TX, Austin	42,910	23,844	8,317 i	5,844 i	4,905 i	23,462	14,524	3,931 i	2,775 i	2,232 i
U. TX, Brownsville	23	0	0	23	0	23	0	0	23	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
U. TX, Dallas	6,940	3,439	1,527 i	1,073 i	901 i	3,385	1,491	833 i	588 i	473 i
U. TX, El Paso	5,130	4,140	860	111	19	5,000	4,042	860	98	0
U. TX, Health Science Ctr., Houston	32,720	25,883	2,395	3,555	887	31,890	25,199	2,358	3,499	834
U. TX, Health Science Ctr., San Antonio	12,199	5,890	582	5,697	30	12,088	5,865	551	5,656	16
U. TX, M. D. Anderson Cancer Ctr.	24,773	18,461	2,753 i	1,934 i	1,625 i	22,226	16,117	2,687 i	1,896 i	1,526 i
U. TX, Medical Branch	13,057	11,228	0	0	1,829	13,057	11,228	0	0	1,829
U. TX, Pan American	294	294	0	0	0	294	294	0	0	0
U. TX, Permian Basin	0	0	0	0	0	0	0	0	0	0
U. TX, San Antonio	1,808	1,607	103	98	0	1,767	1,607	103	57	0
U. TX, Southwestern Medical Ctr., Dallas	15,740	7,564	646	7,406	124	15,571	7,500	646	7,301	124
U. TX, Tyler	325	325	0	0	0	325	325	0	0	0
West TX A&M U.	33	33	0	0	0	33	33	0	0	0
Private										
Abilene Christian U.	8	8	0	0	0	6	6	0	0	0
Austin C.	11 i	7 i	1 i	2 i	1 i	7 i	6 i	0 i	1 i	0 i
Baylor C. of Medicine	43,547	34,819	1,403	6,958	367	42,557	34,216	1,376	6,731	234
Baylor U.	1,019	370	348	301	0	696	340	55	301	0
Jarvis Christian C.	0	0	0	0	0	0	0	0	0	0
LeTourneau U.	0	0	0	0	0	0	0	0	0	0
Rice U.	11,371	10,648	642	73	8	8,963	8,268	622	73	0
Southern Methodist U.	4,378	2,316	790	909	363	4,378	2,316	790	909	363
Southwestern U.	35	0	0	35	0	35	0	0	35	0
St. Edward's U.	56	56	0	0	0	56	56	0	0	0
St. Mary's U., San Antonio	0	0	0	0	0	0	0	0	0	0
TX Christian U.	423	54	84 i	174 i	111 i	399	30	84 i	174 i	111 i
Trinity U.	0	0	0	0	0	0	0	0	0	0
U. Dallas	0	0	0	0	0	0	0	0	0	0
U. of the Incarnate Word	0	0	0	0	0	0	0	0	0	0
Wiley C.	0	0	0	0	0	0	0	0	0	0
Utah										
Public										
Southern UT U.	0	0	0	0	0	0	0	0	0	0
U. UT	31,696	18,390	8,264	3,817	1,225	31,199	18,120	8,111	3,743	1,225
UT State U.	23,619	4,720	0	0	18,899	21,046	4,606	0	0	16,440
Weber State U.	0	0	0	0	0	0	0	0	0	0
Private										
Brigham Young U., Provo	2,158	603	64	1,478	13	2,147	600	56	1,478	13

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
Vermont										
Public										
Johnson State C.	0	0	0	0	0	0	0	0	0	0
U. VT	15,094	8,508	1,310	1,202	4,074	14,780	8,403	1,302	1,178	3,897
Private										
Middlebury C.	315	51	264	0	0	315	51	264	0	0
Norwich U.	0	0	0	0	0	0	0	0	0	0
St. Michael's C.	0	0	0	0	0	0	0	0	0	0
Virginia										
Public										
Christopher Newport U.	0	0	0	0	0	0	0	0	0	0
C. of William and Mary and VA Institute of Marine Science	3,376	1,856	321	526	673	2,259	1,341	57	191	670
George Mason U.	5,562	2,637	1,874	205	846	5,562	2,637	1,874	205	846
James Madison U.	1,932	121	1,785	0	26	1,932	121	1,785	0	26
Marine Corps U.	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	0	0	0	0	0	0	0	0	0	0
Old Dominion U.	3,117	1,535	1,297	0	285	2,870	1,404	1,207	0	259
Radford U.	0	0	0	0	0	0	0	0	0	0
U. of Mary Washington	0	0	0	0	0	0	0	0	0	0
U. VA, Charlottesville	30,448	21,645	3,856	3,892	1,055	27,600	20,167	3,660	3,430	343
U. VA's C. Wise	0	0	0	0	0	0	0	0	0	0
VA Commonwealth U.	11,168	7,976	2,279	408	505	10,515	7,556	2,071	383	505
VA Military Institute	0	0	0	0	0	0	0	0	0	0
VA Polytechnic Institute and State U.	25,921	14,967	4,778 i	3,358 i	2,818 i	23,721	14,051	4,253 i	3,002 i	2,415 i
VA State U.	69	69	0	0	0	69	69	0	0	0
Private										
Eastern Mennonite U.	0	0	0	0	0	0	0	0	0	0
Eastern VA Medical School	18,912	4,209	0	0	14,703	14,539	2,734	0	0	11,805
Edward Via C. of Osteopathic Medicine	153	134	0	19	0	153	134	0	19	0
Ferrum C.	0	0	0	0	0	0	0	0	0	0
Hampton U.	486	485	0	0	1	486	485	0	0	1
Regent U.	0	0	0	0	0	0	0	0	0	0
Roanoke C.	0	0	0	0	0	0	0	0	0	0
Sweet Briar C.	3	3	0	0	0	3	3	0	0	0
U. Richmond	367	367	0	0	0	367	367	0	0	0
Washington and Lee U.	157	15	0	142	0	0	0	0	0	0

TABLE 41. Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2011
(Dollars in thousands)

	Total					Federally financed				
	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To educational subrecipients	To business	To nonprofit organizations	To other subrecipients
State, institutional control, and institution										
U. del Turabo	182	182	0	0	0	182	182	0	0	0
U. Metropolitana	188	188	0	0	0	188	188	0	0	0
Virgin Islands										
Public										
U. of the VI	2,385 i	2,385 i	0 i	0 i	0 i	2,385	2,385	0	0	0

i = imputed. NA = not available; institution was not surveyed separately.

^a Johns Hopkins University includes Applied Physics Laboratory, with \$0 thousand in both total and federally financed R&D expenditures passed through to subrecipients in FY 2011.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2011.