

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
United States	65,073,411	40,764,823	3,819,470	12,444,705	3,162,464	3,840,381	1,041,568
Public	43,697,885	25,346,230	3,396,263	9,760,494	2,054,244	2,364,254	776,400
Private	21,375,526	15,418,593	423,207	2,684,211	1,108,220	1,476,127	265,168
Alabama	900,662	576,109	39,669	221,729	32,456	24,576	6,123
Public	884,977	563,712	38,040	221,479	32,456	24,576	4,714
AL A&M U.	32,063 i	23,988 i	1,550 i	4,828 i	319 i	174 i	1,204 i
AL State U.	12,340	12,340	0	0	0	0	0
Auburn U., Auburn	163,335	59,559	31,402	64,095	4,019	750	3,510
Auburn U., Montgomery	749	445	13	291	0	0	0
Jacksonville State U.	624	265	29	194	136	0	0
U. AL, Birmingham	503,698	344,164	774	113,529	21,714	23,517	0
U. AL, Huntsville	75,724	72,665	1,051	1,198	810	0	0
U. AL, Tuscaloosa	53,633	32,999	3,181	13,926	3,392	135	0
U. North AL	578 i	529 i	0 i	49 i	0 i	0 i	0 i
U. South AL	42,233	16,758	40	23,369	2,066	0	0
Private	15,685	12,397	1,629	250	0	0	1,409
Tuskegee U.	15,685	12,397	1,629	250	0	0	1,409
Alaska	195,658	116,670	11,248	57,187	5,324	3,186	2,043
Public	195,140	116,321	11,205	57,187	5,198	3,186	2,043
U. AK, Anchorage	18,620	9,858	2,454	5,646	166	476	20
U. AK, Fairbanks	175,246	105,522	8,742	51,271	5,032	2,656	2,023
U. AK, Southeast	1,274	941	9	270	0	54	0
Private	518	349	43	0	126	0	0
AK Pacific U.	518	349	43	0	126	0	0
Arizona	997,700	532,185	60,365	292,002	27,672	58,871	26,605
Public	997,524	532,055	60,365	292,002	27,637	58,860	26,605
AZ State U.	355,215	185,766	22,590	103,637	9,891	31,085	2,246
Dine C.	959 i	959 i	0 i	0 i	0 i	0 i	0 i
Northern AZ U.	30,785	17,765	6,428	5,006	261	1,286	39
U. AZ	610,565	327,565	31,347	183,359	17,485	26,489	24,320
Private	176	130	0	0	35	11	0
Prescott C.	176	130	0	0	35	11	0
Arkansas	282,628	139,384	57,652	61,671	10,710	2,274	10,937
Public	280,452	137,361	57,628	61,584	10,691	2,251	10,937
AR State U., Jonesboro	13,435	8,644	3,395	1,239	78	79	0
AR Tech U.	410	149	38	219	4	0	0
Southern AR U.	259	14	8	237	0	0	0
U. AR, Fayetteville	120,007	37,587	47,622	24,206	7,987	1,862	743

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U. AR for Medical Sciences	122,066	75,924	2,624	31,058	2,342	0	10,118
U. AR, Little Rock	12,039	8,615	982	1,966	272	146	58
U. AR, Pine Bluff	9,415	4,696	2,374	2,199	0	146	0
U. Central AR	2,821	1,732	585	460	8	18	18
Private	2,176	2,023	24	87	19	23	0
Harding U.	284	265	0	0	19	0	0
Hendrix C.	970	847	22	87	0	14	0
Lyon C.	179	179	0	0	0	0	0
Ouachita Baptist U.	224	222	2	0	0	0	0
Philander Smith C.	519	510	0	0	0	9	0
California	8,227,362	5,155,776	419,454	1,119,396	476,460	753,949	302,327
Public	5,803,894	3,299,996	344,797	918,519	350,215	593,973	296,394
CA Maritime Academy	3,005	1,200	891	914	0	0	0
CA Polytechnic State U., San Luis Obispo	16,532	8,658	2,758	2,138	1,352	1,606	20
CA State Polytechnic U., Pomona	7,198	2,978	1,190	2,447	512	71	0
CA State U., Bakersfield	3,162	727	1,401	716	43	275	0
CA State U., Channel Islands	524	451	5	64	4	0	0
CA State U., Chico	2,684	1,317	786	331	173	77	0
CA State U., Dominguez Hills	2,780	2,671	82	0	19	8	0
CA State U., East Bay	1,644	921	629	0	0	94	0
CA State U., Fresno	8,597	3,795	2,738	1,581	125	358	0
CA State U., Fullerton	28,186	16,159	3,934	6,279	212	1,427	175
CA State U., Long Beach	16,319 i	13,811 i	1,232 i	15 i	951 i	310 i	0 i
CA State U., Los Angeles	8,823	8,426	90	13	0	294	0
CA State U., Monterey Bay	6,959	4,713	1,495	538	0	213	0
CA State U., Northridge	25,654	19,769	3,471	1,876	69	445	24
CA State U., Sacramento	16,344	6,965	4,933	1,976	381	2,006	83
CA State U., San Bernardino	11,591	9,953	1,108	145	154	184	47
CA State U., San Marcos	6,140 i	4,497 i	697 i	177 i	0 i	769 i	0 i
CA State U., Stanislaus	1,487	1,037	362	NA	0	88	0
Humboldt State U.	9,570	3,292	2,377	1,790	971	1,140	0
Naval Postgraduate School	101,363	94,278	227	5,612	847	0	399
San Diego State U.	106,591	64,056	6,943	30,330	264	4,858	140
San Francisco State U.	26,198	17,337	3,077	3,888	68	1,828	0
San Jose State U.	40,149	26,389	8,014	3,791	692	1,229	34
Sonoma State U.	825	559	128	128	0	10	0
U. CA, Berkeley	707,945	336,191	59,621	122,070	86,769	84,443	18,851
U. CA, Davis	707,896	362,976	60,252	146,170	36,712	66,175	35,611
U. CA, Hastings C. of Law	539 i	0 i	0 i	324 i	63 i	147 i	5 i
U. CA, Irvine	344,678	209,117	18,324	48,449	21,857	33,959	12,972
U. CA, Los Angeles	982,357	563,560	37,711	159,734	48,961	93,264	79,127

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
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State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. CA, Merced	21,328	10,140	3,631	6,446	149	569	393
U. CA, Office of the President	63,420	483	24,605	30,657	0	7,637	38
U. CA, Riverside	132,238	62,312	8,918	37,378	7,090	8,565	7,975
U. CA, San Diego	1,009,378	636,879	41,921	98,765	67,139	111,998	52,676
U. CA, San Francisco	995,226	570,116	30,727	136,344	53,607	126,262	78,170
U. CA, Santa Barbara	230,435	136,244	6,072	37,723	16,085	28,506	5,805
U. CA, Santa Cruz	155,617	97,817	4,368	29,611	4,867	15,105	3,849
Valdosta State U.	512	202	79	99	79	53	NA
Private	2,423,468	1,855,780	74,657	200,877	126,245	159,976	5,933
Alliant International U.	1,111	47	797	265	0	0	2
Art Ctr. C. of Design	456	110	0	0	16	330	0
Azusa Pacific U.	3,620	970	190	1,950	60	450	0
CA Institute of Technology	377,514	342,945	1,780	4,927	8,202	16,807	2,853
CA Lutheran U.	741	171	0	75	0	495	0
Chapman U.	3,547	1,576	699	464	36	772	0
Charles R. Drew U. of Medicine and Science	22,150	20,679	0	1,471	0	0	0
Claremont Graduate U.	6,589	5,215	0	915	50	409	0
Claremont McKenna C.	5,316	1,083	0	3,877	0	356	0
Claremont School of Theology	574	0	0	51	10	513	0
Dominican U. CA	948	931	0	17	0	0	0
Fuller Theological Seminary	842	0	0	242	0	530	70
Harvey Mudd C.	3,861	2,594	0	894	27	346	0
Keck Graduate Institute	2,313	1,744	0	NA	186	383	0
La Sierra U.	732	17	0	715	0	0	0
Loma Linda U.	39,409	32,187	893	3,633	1,563	1,089	44
Loyola Marymount U.	6,455	2,815	47	3,176	1	416	0
Mills C.	2,237	753	0	62	0	1,422	0
Mt. St. Mary's C.	626	626	0	0	0	0	0
National Flight Test Institute	177	52	0	125	0	0	0
National U.	3,134	650	2,205	211	NA	68	NA
Occidental C.	1,809	904	120	NA	271	514	0
Olivet U.	427	0	0	427	0	0	0
Palo Alto U.	573	313	182	NA	65	13	NA
Pepperdine U.	1,924	299	9	898	10	708	0
Pitzer C.	268	30	0	181	0	0	57
Pomona C.	3,640	1,779	0	984	0	850	27
Santa Clara U.	2,407	2,019	55	NA	97	236	0
Scripps C.	1,018	503	0	389	41	85	0
Scripps Research Institute	400,768	317,201	8,040	39,323	22,918	13,286	NA
Southern CA C. of Optometry	789	79	0	0	205	0	505
Stanford U.	907,971	656,114	39,148	71,906	58,014	80,569	2,220
Touro U., Vallejo	1,779	1,558	2	60	34	125	0

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State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. Redlands	1,432	1,036	64	58	0	274	0
U. San Diego	3,483	1,184	316	1,232	4	592	155
U. San Francisco	2,668	371	121	1,796	0	380	0
U. Southern CA	603,294	453,283	18,649	60,390	33,825	37,147	0
U. of the Pacific	4,704	2,678	848	0	478	700	0
Vanguard U.	394	350	0	44	0	0	0
Western U. of Health Sciences	1,768	914	492	119	132	111	0
Colorado	1,291,054	986,591	45,119	120,642	62,132	63,839	12,731
Public	1,272,634	971,882	44,727	118,748	61,567	63,015	12,695
CO School of Mines	48,704	33,789	1,281	321	10,290	3,023	NA
CO State U., Ft. Collins	330,784	236,566	19,601	48,240	8,094	11,827	6,456
CO State U., Pueblo	364	354	0	0	0	10	0
Ft. Lewis C.	606	511	2	13	0	80	0
Mesa State C.	802	585	0	94	20	103	0
U.S. Air Force Academy	73,607	62,118	66	9,465	246	296	1,416
U. CO, Boulder	390,677	323,078	2,037	37,104	12,175	16,283	0
U. CO, Colorado Springs	7,425	5,805	460	835	270	55	0
U. CO, Denver and Anschutz Medical Campus	417,587	307,395	21,253	22,363	30,472	31,281	4,823
U. Northern CO	2,078	1,681	27	313	0	57	0
Private	18,420	14,709	392	1,894	565	824	36
CO C.	1,198	458	4	656	1	79	0
Regis U.	218	209	4	0	0	5	0
U. Denver	17,004	14,042	384	1,238	564	740	36
Connecticut	945,705	680,368	16,154	153,405	19,755	63,314	12,709
Public	260,032	146,670	10,532	80,144	7,532	14,896	258
Central CT State U.	1,451	684	12	703	0	52	0
Eastern CT State U.	216	20	0	124	19	42	11
Southern CT State U.	4,083	1,199	1,948	303	153	480	NA
U.S. Coast Guard Academy	490	487	0	3	0	0	0
U. CT	253,792	144,280	8,572	79,011	7,360	14,322	247
Private	685,673	533,698	5,622	73,261	12,223	48,418	12,451
CT C.	1,801	1,005	3	787	0	6	0
Fairfield U.	9,892	2,780	64	6,096	141	0	811
Trinity C., Hartford	1,934	1,217	7	237	30	443	0
U. Bridgeport	284	159	0	100	16	9	0
U. Hartford	2,419	1,576	30	627	93	93	0
U. New Haven	2,009	1,592	122	176	21	98	0
Wesleyan U.	10,367	5,525	356	3,365	46	1,075	0
Yale U.	656,967	519,844	5,040	61,873	11,876	46,694	11,640

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Delaware	188,765	131,495	6,873	41,118	5,910	1,813	1,556
Public	188,765	131,495	6,873	41,118	5,910	1,813	1,556
DE State U.	19,019	12,822	334	5,735	89	39	0
U. DE	169,746	118,673	6,539	35,383	5,821	1,774	1,556
District of Columbia	493,469	312,255	5,730	104,721	11,539	58,182	1,042
Public	4,422	2,313	14	2,079	16	0	0
U. DC	4,422	2,313	14	2,079	16	0	0
Private	489,047	309,942	5,716	102,642	11,523	58,182	1,042
American U.	46,611	9,208	35	28,861	20	7,514	973
Catholic U. America	25,397	19,890	9	3,874	1,168	456	0
Gallaudet U.	7,161	4,633	0	2,528	0	0	0
George Washington U.	197,621	116,611	4,213	42,411	3,220	31,136	30
Georgetown U.	169,916	123,540	1,179	21,736	5,370	18,052	39
Howard U.	42,341	36,060	280	3,232	1,745	1,024	0
Florida	2,125,648	1,171,194	178,683	589,588	89,109	81,524	15,550
Public	1,755,022	917,098	167,119	540,111	61,847	58,178	10,669
Edison State C.	269 i	269 i	0 i	0 i	0 i	0 i	0 i
FL A&M U.	53,326	44,905	1,671	4,768	1,982	NA	NA
FL Atlantic U.	62,024	15,579	1,587	39,324	335	3,348	1,851
FL Gulf Coast U.	17,051	10,328	1,842	339	2,144	2,398	0
FL International U.	110,006	65,446	8,526	26,035	5,310	4,605	84
FL State U.	230,411	140,850	11,443	71,211	1,518	5,389	0
New C. FL	1,046	626	0	111	291	18	0
U. Central FL	109,190	69,098	11,860	17,594	6,768	2,545	1,325
U. FL	739,931	306,349	98,191	280,507	23,031	26,644	5,209
U. North FL	9,379	5,082	637	3,299	311	50	0
U. South FL, Polytechnic	824	131	51	567	75	0	0
U. South FL, Sarasota-Manatee	914	191	0	632	0	90	1
U. South FL, St. Petersburg	3,978	2,058	37	1,784	0	90	9
U. South FL, Tampa	394,963	243,030	29,842	87,854	19,763	12,284	2,190
U. West FL	21,710	13,156	1,432	6,086	319	717	0
Private	370,626	254,096	11,564	49,477	27,262	23,346	4,881
Barry U.	1,350	1,331	0	0	0	19	0
Eckerd C.	357	223	2	4	119	4	5
Embry-Riddle Aeronautical U.	16,289	11,444	1,482	1,785	1,310	9	259
FL Institute of Technology	14,523	7,637	365	NA	1,817	153	4,551
Jacksonville U.	276	0	153	15	0	108	0
Nova Southeastern U.	12,322	6,904	1,041	2,819	849	643	66
Palmer C. of Chiropractic, Pt. Orange	195	18	0	177	0	0	0
Rollins C.	377	52	0	245	57	23	0

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Stetson U.	1,451	1,135	0	313	0	3	0
U. Miami	323,486	225,352	8,521	44,119	23,110	22,384	0
Georgia	1,717,010	1,095,600	54,254	382,315	84,638	89,664	10,539
Public	1,086,742	661,756	52,355	269,943	51,684	42,892	8,112
Albany State U.	1,416	893	54	0	469	0	0
Armstrong Atlantic State U.	708	708	0	0	0	0	0
Columbus State U.	1,808	1,792	0	0	15	1	0
Ft. Valley State U.	3,850	3,452	0	398	0	0	0
GA Health Sciences U.	73,486	54,254	9	11,581	2,795	4,218	629
GA Institute of Technology	655,375	427,867	10,916	157,968	42,190	12,728	3,706
GA Southern U.	3,912	1,530	27	1,855	139	361	0
GA State U.	92,725	28,210	10,352	47,792	716	5,655	0
Kennesaw State U.	1,961	1,054	6	260	41	600	0
Savannah State U.	2,700	2,518	150	0	0	32	0
Southern Polytechnic State U.	924	891	0	0	32	1	0
U. GA	245,166	137,328	30,136	50,047	4,627	19,251	3,777
U. West GA	2,711	1,259	705	42	660	45	0
Private	630,268	433,844	1,899	112,372	32,954	46,772	2,427
Agnes Scott C.	938	478	0	460	0	0	0
Clark Atlanta U.	8,245	7,040	0	1,036	124	45	0
Emory U.	547,316	369,982	367	103,136	25,695	46,356	1,780
Mercer U.	29,039	17,904	361	3,327	6,662	138	647
Morehouse C.	8,063 i	8,063 i	0 i	0 i	0 i	0 i	NA
Morehouse School of Medicine	33,946	28,128	1,171	4,239	207	201	0
Paine C.	448	416	0	0	0	32	0
Spelman C.	2,273	1,833	0	174	266	0	0
Hawaii	363,887	241,686	22,399	57,502	23,362	11,019	7,919
Public	362,451	240,425	22,399	57,328	23,362	11,018	7,919
U. HI, Hilo	42,983	37,703	2,858	0	90	2,332	0
U. HI, Manoa	318,316	201,700	19,477	57,262	23,272	8,686	7,919
U. HI, West O'ahu	1,152 i	1,022 i	64 i	66 i	0 i	0 i	0 i
Private	1,436	1,261	0	174	0	1	0
HI Pacific U.	1,436	1,261	0	174	0	1	0
Idaho	142,364	90,604	23,643	22,578	3,067	2,155	317
Public	141,883	90,203	23,643	22,549	3,067	2,104	317
Boise State U.	24,204	18,811	771	3,621	404	597	0
ID State U.	21,450	17,149	124	3,256	519	402	0
U. ID	96,229	54,243	22,748	15,672	2,144	1,105	317

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State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Private	481	401	0	29	0	51	0
Northwest Nazarene U.	481	401	0	29	0	51	0
Illinois	2,352,936	1,534,005	59,844	515,562	99,033	129,594	14,898
Public	1,078,836	621,204	51,077	308,475	51,694	35,129	11,257
Chicago State U.	2,014	2,014	0	0	0	0	0
Eastern IL U.	716	346	99	147	48	76	0
Governors State U.	1,099	797	0	167	0	135	0
IL State U.	17,833	4,586	490	11,814	364	579	0
Northeastern IL U.	533	311	0	208	0	14	0
Northern IL U.	21,748	11,807	19	8,426	1,496	0	0
Southern IL U., Carbondale	71,130	23,696	5,441	33,255	6,988	1,750	NA
Southern IL U., Edwardsville	33,736	4,056	3,682	23,990	1,691	317	0
U. IL, Chicago	380,828	248,936	6,888	94,472	6,399	24,133	0
U. IL, Springfield	2,002	455	233	774	6	31	503
U. IL, Urbana-Champaign	545,669	323,454	33,648	135,134	34,639	8,094	10,700
Western IL U.	1,528	746	577	88	63	0	54
Private	1,274,100	912,801	8,767	207,087	47,339	94,465	3,641
Augustana C., Rock Island	659	304	6	336	12	1	0
Benedictine U.	530	65	0	404	61	0	0
Bradley U.	1,910	554	0	525	831	0	0
Butler U.	610	189	15	132	0	274	0
Chicago School of Professional Psychology	186	20	14	91	0	61	0
Columbia C., Chicago	1,441	1,441	0	0	0	0	0
DePaul U.	5,798	4,629	1	872	43	253	0
Dominican U.	333	333	0	0	0	0	0
Erikson Institute	1,212	355	610	0	0	247	0
IL Institute of Technology	44,463	34,858	1,881	5,121	2,501	102	0
IL Wesleyan U.	1,014	156	10	389	363	6	90
Lake Forest C.	573	190	0	344	11	28	0
Loyola U., Chicago	42,708	28,633	458	6,975	2,821	2,403	1,418
Midwestern U., Downers Grove	4,022	438	0	3,182	330	72	0
National U. of Health Sciences	485	218	0	246	18	3	0
North Central C.	208	35	0	173	0	0	0
Northwestern U.	618,980	399,719	5,438	143,836	14,878	55,109	NA
Rosalind Franklin U. of Medicine and Science	14,261	9,317	0	2,862	321	1,713	48
Rush U.	79,212	57,978	0	6,542	10,298	4,394	0
Toyota Technological Institute Chicago	746	496	0	163	87	0	0
U. Chicago	453,562	372,288	334	34,506	14,756	29,593	2,085
Wheaton C., Wheaton	1,187	585	0	388	8	206	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Indiana	1,270,472	586,726	67,566	424,944	62,805	126,410	2,021
Public	1,130,066	504,563	66,867	384,785	60,049	111,781	2,021
Ball State U.	18,765	3,064	732	8,459	4,402	2,104	4
IN State U.	1,980	1,352	28	70	511	10	9
IN U., Bloomington	184,096	74,143	2,630	75,470	5,584	26,269	0
IN U., Gary	297	0	27	241	0	29	0
IN U., New Albany	456	6	0	420	0	30	0
IN U., South Bend	1,099	494	0	466	5	134	0
IN U.-Purdue U., Ft. Wayne	8,864	2,443	1,108	4,626	75	612	0
IN U.-Purdue U., Indianapolis	322,617	156,607	1,908	100,219	19,361	44,425	97
Purdue U., Calumet	11,946	5,835	681	3,571	1,455	404	0
Purdue U., North Central	1,436	646	65	683	0	42	0
Purdue U., West Lafayette	578,231	259,948	59,571	190,428	28,656	37,717	1,911
U. Southern IN	279	25	117	132	0	5	0
Private	140,406	82,163	699	40,159	2,756	14,629	0
DePauw U.	438	201	0	226	0	11	0
Earlham C.	468	45	0	379	0	44	0
Rose-Hulman Institute of Technology	1,268	839	0	102	16	311	0
Taylor U.	334	199	41	44	50	0	0
U. Notre Dame	134,410	79,716	529	39,090	2,685	12,390	0
Valparaiso U.	1,390	892	129	263	5	101	0
Wabash C.	2,098	271	0	55	0	1,772	0
Iowa	724,608	407,822	48,917	205,524	34,250	26,280	1,815
Public	715,782	403,443	48,687	201,959	34,194	25,742	1,757
IA State U.	267,641	117,522	40,899	80,125	20,650	7,082	1,363
U. IA	443,893	283,627	6,911	120,916	13,461	18,584	394
U. Northern IA	4,248	2,294	877	918	83	76	0
Private	8,826	4,379	230	3,565	56	538	58
Coe C.	310	166	15	95	12	22	0
Des Moines U.	924	91	0	740	32	3	58
Drake U.	966	382	141	341	7	95	NA
Grinnell C.	1,340	287	0	749	2	302	0
Luther C.	425	109	74	137	3	102	0
Palmer C. of Chiropractic, Davenport	4,861	3,344	0	1,503	0	14	0
Kansas	525,645	262,146	50,038	142,685	37,002	22,730	11,044
Public	525,645	262,146	50,038	142,685	37,002	22,730	11,044
Emporia State U.	525	304	12	120	0	0	89
Haskell Indian Nations U.	1,135	1,032	0	0	0	103	0
KS State U.	169,167	76,953	38,822	39,285	3,490	1,943	8,674
Pittsburg State U.	1,687	1,280	6	0	258	143	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. KS	302,668	169,382	5,897	95,355	9,488	20,265	2,281
Washburn U.	269	223	0	46	0	0	0
Wichita State U.	50,194	12,972	5,301	7,879	23,766	276	0
Kentucky	596,081	293,625	61,274	190,284	20,605	18,307	11,986
Public	595,191	293,101	61,271	190,062	20,605	18,166	11,986
Eastern KY U.	3,782	2,852	110	818	0	2	0
KY State U.	4,562	3,146	1,374	6	29	7	0
Morehead State U.	2,018	1,656	24	214	0	5	119
Murray State U.	3,718	2,471	59	1,080	33	75	0
Northern KY U.	2,397	1,595	82	605	41	74	0
U. KY	372,932	179,161	48,363	120,883	13,993	10,532	0
U. Louisville	197,438	96,010	10,736	65,347	6,405	7,073	11,867
Western KY U.	8,344	6,210	523	1,109	104	398	0
Private	890	524	3	222	0	141	0
Bellarmine U.	200	200	0	0	0	0	0
Berea C.	212	182	0	0	0	30	0
Centre C.	478	142	3	222	0	111	0
Louisiana	729,226	349,420	105,091	192,410	39,536	22,973	19,796
Public	537,639	223,651	97,896	158,785	36,074	15,674	5,559
Grambling State U.	2,135	2,085	0	50	0	0	0
LA State U., Baton Rouge	287,841	97,517	72,484	93,953	15,682	7,048	1,157
LA State U., Health Sciences Ctr., New Orleans	57,007	45,581	1,756	3,784	1,264	1,548	3,074
LA State U., Medical Ctr., Shreveport	31,021	15,316	296	8,154	2,121	5,134	0
LA State U., Shreveport	1,816	801	67	700	71	177	0
LA Tech U.	27,583	11,952	2,143	13,203	249	36	0
McNeese State U.	1,561	495	192	845	18	11	0
Nicholls State U.	3,321	1,571	328	703	337	71	311
Northwestern State U. LA	1,189	683	215	222	0	0	69
Southeastern LA U.	1,952	911	502	383	11	145	0
Southern U. Agriculture Research and Extension Ctr.	6,143	4,049	2,060	34	0	0	0
Southern U. and A&M C., Baton Rouge	7,215 i	6,410 i	NA	NA	0 i	0 i	805 i
Southern U. and A&M C., New Orleans	706	650	16	40	0	0	0
U. LA, Lafayette	69,978	14,659	11,533	29,372	13,538	876	0
U. LA, Monroe	2,812	1,971	116	367	114	220	24
U. New Orleans	35,359	19,000	6,188	6,975	2,669	408	119
Private	191,587	125,769	7,195	33,625	3,462	7,299	14,237
Dillard U.	9,256 i	7,796 i	1,460 i	0 i	0 i	0 i	0 i
Loyola U., New Orleans	779	293	167	183	12	124	0
Tulane U.	171,703	111,007	5,101	32,222	3,450	5,686	14,237
Xavier U. LA	9,849	6,673	467	1,220	0	1,489	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Maine	140,046	76,054	23,520	32,883	4,774	2,562	253
Public	128,942	67,856	23,492	31,547	4,564	1,483	0
ME Maritime Academy	404 i	304 i	10 i	0 i	90 i	0 i	0 i
U. ME	111,600	59,800	18,325	28,949	4,460	66	0
U. Southern ME	16,938	7,752	5,157	2,598	14	1,417	0
Private	11,104	8,198	28	1,336	210	1,079	253
Bates C.	1,897	1,485	0	296	0	116	0
Bowdoin C.	2,877	1,942	15	515	40	365	0
Colby C.	1,772	1,028	2	489	0	0	253
St. Joseph's C. ME	318 i	313 i	0 i	0 i	0 i	5 i	0 i
Unity C.	224	188	0	36	0	0	0
U. New England	4,016	3,242	11	0	170	593	0
Maryland	3,416,585	2,689,675	57,073	408,563	83,585	148,599	29,090
Public	1,268,479	803,444	49,054	330,062	24,507	44,473	16,939
Bowie State U.	1,910	1,910	0	0	0	0	0
Frostburg State U.	686	543	127	9	5	2	0
Morgan State U.	12,803	9,884	1,210	NA	1,377	332	0
Salisbury U.	1,852	586	5	1,219	0	42	0
St. Mary's C. MD	427	327	0	55	0	45	0
Towson U.	3,574	2,630	434	0	275	235	0
Uniformed Services U. of the Health Sciences	175,365	117,781	0	52,495	0	0	5,089
U.S. Naval Academy	10,543	10,243	0	191	100	7	2
U. Baltimore	5,944	3,288	1,613	44	7	992	0
U. MD, Baltimore	409,665	229,706	26,049	99,261	15,978	38,399	272
U. MD, Baltimore County	91,657	61,172	3,083	24,966	632	1,804	0
U. MD, Ctr. for Environmental Science	50,007	18,007	5,280	22,447	0	NA	4,273
U. MD, College Park	495,382	338,780	11,201	129,375	6,133	2,597	7,296
U. MD, Eastern Shore	8,664	8,587	52	0	0	18	7
Private	2,148,106	1,886,231	8,019	78,501	59,078	104,126	12,151
Capitol C.	667	667	0	0	0	0	0
Goucher C.	170	157	0	0	0	13	0
Johns Hopkins U. ^a	2,145,308	1,884,025	7,821	78,396	59,048	103,867	12,151
Loyola U., MD	787	603	38	0	0	146	0
MD Institute C. of Art	465	70	160	105	30	100	0
Sojourner-Douglass C.	709	709	0	0	0	0	0
Massachusetts	2,949,264	2,196,226	16,809	246,905	191,967	227,339	70,018
Public	587,229	384,756	9,439	139,703	22,212	29,893	1,226
Bridgewater State C.	521	254	0	257	0	10	0
U. MA, Amherst	181,297	107,683	3,166	57,156	6,048	6,476	768
U. MA, Boston	57,040	26,958	2,417	22,350	188	4,933	194

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. MA, Dartmouth	25,644	13,657	821	10,123	503	301	239
U. MA, Lowell	60,013	27,960	1,745	24,131	3,726	2,426	25
U. MA, Medical School	262,714	208,244	1,290	25,686	11,747	15,747	0
Private	2,362,035	1,811,470	7,370	107,202	169,755	197,446	68,792
Amherst C.	4,623	1,992	4	1,301	21	906	399
Babson C.	696	187	0	306	44	87	72
Boston C.	52,253	31,953	768	10,178	1,968	7,386	0
Boston U.	355,916	305,476	724	22,157	9,197	18,126	236
Brandeis U.	74,889	48,235	591	11,594	3,046	10,812	611
Clark U.	6,861	3,801	0	1,261	254	1,545	0
C. of the Holy Cross	957	752	0	0	0	201	4
Franklin W. Olin C. of Engineering	1,016	666	0	216	90	44	0
Hampshire C.	1,530	1,028	0	501	0	1	0
Harvard U.	649,774	543,097	1,863	0	26,386	68,355	10,073
MA Institute of Technology	723,610	489,080	216	16,840	110,006	73,453	34,015
MGH Institute of Health Professions	607	408	0	20	0	179	0
Mt. Holyoke C.	3,317	2,010	0	531	0	776	0
New England C. of Optometry	1,751	1,236	0	312	170	26	7
New England School of Acupuncture	266	256	0	0	0	10	0
Northeastern U.	86,783	67,938	1,423	10,509	4,248	2,665	0
Simmons C.	621	373	0	8	0	208	32
Smith C.	4,529	3,159	0	671	7	692	0
Suffolk U.	1,624	299	0	1,123	2	200	0
Tufts U.	156,395	122,208	550	12,248	9,889	9,810	1,690
Wellesley C.	7,242	2,496	459	0	116	1,703	2,468
Western New England C.	1,111	931	78	0	102	0	0
Wheaton C., Norton	239	239	0	0	0	0	0
Williams C.	4,513	2,117	0	2,396	0	0	0
Woods Hole Oceanographic Institution	198,775	165,819	468	10,523	2,780	NA	19,185
Worcester Polytechnic Institute	22,137	15,714	226	4,507	1,429	261	0
Michigan	2,160,396	1,286,168	52,558	653,848	60,549	76,074	31,199
Public	2,141,056	1,275,849	51,731	649,216	59,255	73,809	31,196
Central MI U.	8,671	4,841	24	3,217	398	191	0
Eastern MI U.	11,643	7,916	723	2,166	350	488	0
Grand Valley State U.	5,305 i	1,235 i	383 i	2,181 i	214 i	915 i	377 i
Lake Superior State U.	752	133	24	146	418	24	7
MI State U.	454,248	240,837	44,915	136,895	3,566	14,193	13,842
MI Technological U.	70,089	32,724	595	31,182	5,042	221	325
Northern MI U.	841	237	0	589	13	0	2
Oakland U.	15,868	9,178	11	5,508	578	593	0
Saginaw Valley State U.	1,249	525	2	533	121	0	68

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. MI, Ann Arbor	1,279,123	820,125	1,613	363,133	40,079	47,046	7,127
U. MI, Dearborn	7,554	4,305	389	1,810	880	170	0
U. MI, Flint	767	322	0	400	0	23	22
Wayne State U.	259,895	134,735	2,820	98,825	6,067	8,801	8,647
Western MI U.	25,051	18,736	232	2,631	1,529	1,144	779
Private	19,340	10,319	827	4,632	1,294	2,265	3
Albion C.	799	113	0	606	0	80	0
Andrews U.	854	77	25	588	0	164	0
Calvin C.	3,113	560	4	2,183	223	143	0
Hope C.	4,185	2,414	15	466	30	1,257	3
Kalamazoo C.	492	232	0	179	0	81	0
Kettering U.	5,087	3,452	339	152	667	477	0
Lawrence Technological U.	3,348	2,615	414	141	171	7	0
U. Detroit Mercy	1,462	856	30	317	203	56	0
Minnesota	898,741	509,116	65,388	209,666	33,300	64,887	16,384
Public	880,149	500,626	65,140	201,842	33,220	62,960	16,361
Bemidji State U.	221	17	112	0	31	61	0
MN State U., Mankato	2,654	852	94	584	1	23	1,100
MN State U., Moorhead	982	514	120	0	0	348	0
St. Cloud State U.	3,404	622	441	1,062	671	608	0
U. MN, Crookston	153	0	17	110	0	21	5
U. MN, Duluth	23,400	8,564	3,979	9,398	959	369	131
U. MN, Morris	899	414	27	321	110	8	19
U. MN, Rochester	591	30	55	483	0	23	0
U. MN, Twin Cities	847,419	489,480	60,125	189,855	31,360	61,493	15,106
Winona State U.	426	133	170	29	88	6	0
Private	18,592	8,490	248	7,824	80	1,927	23
Augsburg C.	1,179	905	0	274	0	0	0
Carleton C.	5,382	2,332	0	1,897	0	1,150	3
C. of St. Benedict	867	0	0	867	0	0	0
Concordia C.	330	63	0	198	0	69	0
Gustavus Adolphus C.	330	109	0	102	0	119	0
Hamline U.	283	145	12	55	0	51	20
Macalester C.	4,653	1,517	13	2,843	0	280	0
Northwestern Health Sciences U.	1,747	1,378	0	369	0	0	0
St. Catherine U.	484	265	0	61	0	158	0
St. John's U., Collegeville	891	0	0	891	0	0	0
St. Olaf C.	1,130	843	44	159	0	84	0
U. St. Thomas (MN)	1,316	933	179	108	80	16	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Mississippi	470,361	279,969	73,145	86,725	18,233	6,135	6,154
Public	467,050	276,727	73,145	86,661	18,228	6,135	6,154
Alcorn State U.	11,397	8,655	39	2,621	82	0	0
Jackson State U.	49,998	43,001	0	5,051	0	1,946	0
MS State U.	226,070	98,998	71,309	43,120	12,146	457	40
MS Valley State U.	830	772	0	58	0	0	0
U. MS and U. MS Medical Ctr.	132,164	84,317	364	34,991	3,398	3,195	5,899
U. Southern MS	46,591	40,984	1,433	820	2,602	537	215
Private	3,311	3,242	0	64	5	0	0
Millsaps C.	400	336	0	59	5	0	0
MS C.	158	153	0	5	0	0	0
Tougaloo C.	2,753	2,753	0	0	0	0	0
Missouri	1,121,330	695,188	26,269	235,695	60,018	60,003	44,157
Public	339,181	186,170	6,225	124,862	10,847	9,088	1,989
Lincoln U., Jefferson City	8,518	7,084	1,434	0	0	0	0
MO State U.	5,584	4,764	193	11	265	351	0
MO U. of Science and Technology	41,581	27,961	160	9,641	3,230	300	289
Northwest MO State U.	209	188	2	19	0	0	0
Southeast MO State U.	187	21	71	21	74	0	0
Truman State U.	710	476	13	199	7	15	0
U. Central MO	205	128	13	26	0	16	22
U. MO, Columbia	230,957	116,403	3,180	97,083	6,532	6,420	1,339
U. MO, Kansas City	32,769	18,988	1,150	10,563	630	1,201	237
U. MO, St. Louis	18,461	10,157	9	7,299	109	785	102
Private	782,149	509,018	20,044	110,833	49,171	50,915	42,168
A. T. Still U. of Health Sciences	1,925	244	0	1,454	24	203	0
Barnes-Jewish C. Goldfarb School of Nursing	1,767	950	400	417	0	0	0
Kansas City U. of Medicine and Biosciences	239	11	0	63	125	40	0
St. Louis U.	53,179	38,323	208	5,848	7,069	1,672	59
Washington U., St. Louis	725,039	469,490	19,436	103,051	41,953	49,000	42,109
Montana	195,267	132,435	6,210	45,081	1,561	441	9,539
Public	194,114	131,687	6,210	45,081	1,561	36	9,539
MT State U., Billings	656	388	92	80	96	0	0
MT State U., Bozeman	125,966	87,528	2,700	28,283	NA	NA	7,455
MT State U., Havre	319	3	280	0	0	36	0
MT Tech of U. MT	6,705	4,999	1,131	NA	575	0	NA
U. MT	60,159	38,565	2,007	16,613	890	NA	2,084
U. MT, Western	309	204	0	105	0	0	0
Private	1,153	748	0	0	0	405	0
Salish Kootenai C.	1,153	748	0	0	0	405	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Nebraska	412,756	214,737	13,103	153,324	20,344	10,110	1,138
Public	380,040	199,370	8,543	147,758	14,706	8,525	1,138
U. NE, Kearney	2,199	1,018	71	1,021	1	88	0
U. NE, Lincoln	235,296	105,724	5,576	110,735	9,284	2,839	1,138
U. NE, Medical Ctr.	133,036	86,295	2,179	34,519	5,280	4,763	NA
U. NE, Omaha	9,509	6,333	717	1,483	141	835	0
Private	32,716	15,367	4,560	5,566	5,638	1,585	0
Creighton U.	31,443	14,140	4,560	5,520	5,638	1,585	0
Doane C.	1,022	1,008	0	14	0	0	0
NE Wesleyan U.	251	219	0	32	0	0	0
Nevada	165,437	116,166	6,311	36,604	3,039	3,154	163
Public	164,597	116,166	6,311	35,816	2,987	3,154	163
Desert Research Institute	35,331	28,489	2,265	2,570	384	1,623	0
U. NV, Las Vegas	39,526	30,457	1,335	6,944	562	228	0
U. NV, Reno	89,740	57,220	2,711	26,302	2,041	1,303	163
Private	840	0	0	788	52	0	0
Roseman U. of Health Sciences	840	0	0	788	52	0	0
New Hampshire	359,839	243,128	9,876	63,274	19,959	15,126	8,476
Public	149,021	111,358	2,713	20,822	7,394	3,519	3,215
Keene State C.	2,290	1,884	0	208	0	198	0
Plymouth State U.	3,729	2,668	716	36	38	271	0
U. NH	143,002	106,806	1,997	20,578	7,356	3,050	3,215
Private	210,818	131,770	7,163	42,452	12,565	11,607	5,261
Colby-Sawyer C.	187	187	0	0	0	0	0
Dartmouth C.	210,631	131,583	7,163	42,452	12,565	11,607	5,261
New Jersey	1,141,570	649,498	86,409	269,206	53,191	62,385	20,881
Public	820,207	444,891	82,083	189,924	39,464	46,960	16,885
C. NJ	486	254	50	14	0	168	0
Kean U.	1,497	550	0	947	0	0	0
Montclair State U.	3,621	2,629	21	491	100	380	0
NJ Institute of Technology	100,491	54,250	5,118	32,260	7,734	594	535
Ramapo C. NJ	445	281	20	120	0	24	0
Richard Stockton C. NJ	1,455	405	636	340	65	9	0
Rowan U.	3,247	2,108	434	252	418	35	0
Rutgers, State U. NJ, Camden	5,079	1,555	1,436	1,274	0	765	49
Rutgers, State U. NJ, New Brunswick	432,306	239,908	59,210	85,581	15,193	19,965	12,449
Rutgers, State U. NJ, Newark	35,774	18,226	5,206	6,735	1,916	2,752	939

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. of Medicine and Dentistry of NJ	234,354	124,585	9,830	60,752	14,018	22,256	2,913
William Paterson U.	1,452	140	122	1,158	20	12	0
Private	321,363	204,607	4,326	79,282	13,727	15,425	3,996
Drew U.	5,077	3,695	0	752	0	630	0
Monmouth U.	1,956	1,873	4	13	37	29	0
Princeton U.	263,335	163,438	1,188	70,395	12,230	12,088	3,996
Rider U.	1,672	350	0	1,296	1	25	0
Seton Hall U.	7,701	2,681	2,156	NA	598	2,266	0
Stevens Institute of Technology	41,622	32,570	978	6,826	861	387	0
New Mexico	405,339	292,070	20,537	70,667	9,226	4,179	8,660
Public	405,339	292,070	20,537	70,667	9,226	4,179	8,660
Eastern NM U., Portales	357	313	0	44	0	0	0
NM Highlands U.	1,498	989	51	0	458	0	0
NM Institute of Mining and Technology	43,857	37,316	582	4,470	1,403	0	86
NM State U.	139,062	90,598	18,508	17,644	4,916	507	6,889
U. NM	220,565	162,854	1,396	48,509	2,449	3,672	1,685
New York	5,298,971	3,309,921	274,249	996,178	269,041	359,371	90,211
Public	1,344,500	665,581	150,828	325,510	117,817	49,504	35,260
CUNY, Baruch C.	2,645	1,150	107	792	209	323	64
CUNY, Brooklyn C.	9,306	7,098	16	1,919	165	85	23
CUNY, City C.	60,648	40,595	4,004	11,209	3,528	383	929
CUNY, C. Staten Island	4,188	1,583	721	1,534	286	63	1
CUNY, Graduate Ctr.	11,974	3,462	1,316	3,173	0	3,126	897
CUNY, Hunter C.	39,772	22,901	2,722	11,940	489	1,720	0
CUNY, John Jay C. of Criminal Justice	6,205	4,086	2	613	0	934	570
CUNY, Lehman C.	3,762	2,700	8	837	127	90	0
CUNY, Medgar Evers C.	2,065	1,315	20	642	16	72	0
CUNY, New York City C. of Technology	343	145	0	191	7	0	0
CUNY, Queens C.	23,219	15,573	908	6,217	300	166	55
CUNY, York C.	2,180	1,507	0	466	145	62	0
SUNY, Buffalo State C.	2,539	1,965	52	228	53	241	0
SUNY, C. of Agriculture and Technology, Cobleskill	938	909	24	0	5	0	0
SUNY, C. of Agriculture and Technology, Morrisville	233	11	184	38	0	0	0
SUNY, C. Brockport	1,248	677	128	363	12	60	8
SUNY, C. Cortland	968	398	29	230	11	285	15
SUNY, C. of Environmental Science and Forestry	28,289 i	9,645 i	2,481 i	12,746 i	1,975 i	716 i	726 i
SUNY, C. Fredonia	343	281	11	51	0	0	0
SUNY, C. Geneseo	2,677	1,306	9	1,283	45	34	0
SUNY, C. Old Westbury	1,267 i	696 i	0 i	329 i	226 i	16 i	0 i
SUNY, C. Oneonta	254	75	66	82	3	28	0
SUNY, C. of Optometry	3,738	3,336	0	274	61	67	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
SUNY, C. Oswego	977	871	21	10	47	28	0
SUNY, C. Plattsburgh	1,098	726	45	234	0	93	0
SUNY, C. Potsdam	447	393	13	24	7	10	0
SUNY, Farmingdale State C.	1,144	584	0	560	0	0	0
SUNY, Fashion Institute of Technology	223	150	0	0	73	0	0
SUNY, Health Science Ctr. Brooklyn	41,993	33,964	177	4,700	1,542	1,405	205
SUNY, Institute of Technology, Utica/Rome	811	785	0	26	0	0	0
SUNY, New Paltz	180	124	0	23	12	21	0
SUNY, Purchase C.	569	101	127	196	4	141	0
SUNY, Stony Brook U.	211,356	125,102	3,920	66,946	4,740	4,805	5,843
SUNY, U. Albany	148,625	125,189	3,879	9,829	544	1,725	7,459
SUNY, U. Albany, C. Nanoscale Science and Engineering	248,778	9,887	107,916	38,840	80,797	10,323	1,015
SUNY, U. Binghamton	72,539	21,244	1,809	45,053	3,514	211	708
SUNY, U. Buffalo	353,172	182,585	18,422	99,514	16,300	19,918	16,433
SUNY, Upstate Medical U.	39,988	28,663	1,691	4,398	2,574	2,353	309
U.S. Military Academy	13,799	13,799	0	0	0	0	0
Private	3,954,471	2,644,340	123,421	670,668	151,224	309,867	54,951
Adelphi U.	438	369	0	69	0	0	0
Albany C. of Pharmacy and Health Sciences	3,496	1,634	418	438	812	194	0
Albany Medical C.	20,876	13,884	359	3,316	1,769	1,548	0
Alfred U.	6,084	2,004	2,339	1,113	628	0	0
Bank Street C. of Ed.	171	171	0	0	0	0	0
Bard C.	183	183	0	0	0	0	0
Barnard C.	4,046	3,325	115	134	0	472	0
Canisius C.	205	181	7	0	16	1	0
Clarkson U.	17,951	9,531	1,380	3,719	3,321	0	0
Cold Spring Harbor Lab.	95,984 i	55,450 i	481 i	9,417 i	3,685 i	26,951 i	0 i
Colgate U.	2,291	1,058	26	1,017	33	157	0
Columbia U. in the City of New York	878,900	645,233	12,481	98,734	35,999	65,412	21,041
Cooper Union for the Advancement of Science and Art	402	326	0	0	32	44	0
Cornell U.	781,651	476,583	61,712	136,967	23,906	80,336	2,147
Daemen C.	1,615 i	421 i	750 i	77 i	133 i	233 i	1 i
Dowling C.	183	183	0	0	0	0	0
Fordham U.	18,350	3,925	346	13,349	0	0	730
Hamilton C.	3,109	1,406	1	282	1	1,373	46
Hobart and William Smith Colleges	1,566	1,379	31	0	17	139	0
Hofstra U.	2,472	2,182	65	107	0	118	0
Iona C.	212	212	0	0	0	0	0
Ithaca C.	1,025	627	39	255	0	104	0
Long Island U.	3,595 i	2,686 i	149 i	281 i	359 i	120 i	0 i
Louis V. Gerstner Jr. Graduate School of Biomedical Sciences at Memorial Sloan-Kettering Cancer Ctr.	2,342	106	0	2,069	0	167	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Manhattan C.	638	245	145	117	48	83	0
Marist C.	306	70	53	72	34	5	72
Mercy C.	293	255	0	32	0	6	0
Mt. Sinai School of Medicine	363,091	295,291	8,042	4,113	15,164	39,754	727
New School	5,868	2,042	134	1,421	103	2,168	0
NY Chiropractic C.	404	30	0	374	0	0	0
NY Institute of Technology	2,059	494	366	796	403	0	0
NY Medical C.	27,316	21,013	80	236	3,313	1,922	752
NY U.	430,752	302,221	4,058	66,569	8,611	26,764	22,529
Niagara U.	1,656	166	525	652	0	313	0
Pace U.	3,732	952	13	2,453	45	269	0
Polytechnic Institute of NY U.	13,222	7,831	1,960	813	2,618	NA	NA
Rensselaer Polytechnic Institute	84,834	59,284	6,003	13,192	3,975	2,380	0
Rochester Institute of Technology	34,889	20,396	968	8,599	2,987	1,939	0
Rockefeller U.	272,491	97,710	1,676	153,200	4,214	15,691	0
Sage Colleges, system office	218	19	0	50	0	149	0
Siena C.	1,714	1,687	0	14	0	13	0
Skidmore C.	2,113	1,562	0	432	29	90	0
St. Bonaventure U.	1,936	974	21	253	8	0	680
St. John's U., New York City	1,786	1,263	0	37	467	19	0
Syracuse U.	83,686	33,850	6,980	30,052	5,037	7,767	0
Teachers C., Columbia U.	18,406	8,526	42	NA	5,925	3,206	707
Touro C.	39,406	32,107	1,353	NA	1,418	4,528	0
Union C., Schenectady	1,615	959	17	465	1	173	0
Union Graduate C.	191	191	0	0	0	0	0
U. Rochester	429,034	337,907	6,984	48,257	19,147	11,220	5,519
Utica C.	157	157	0	0	0	0	0
Vassar C.	1,838	1,838	0	0	0	0	0
Yeshiva U.	283,673	192,241	3,302	67,125	6,966	14,039	0
North Carolina	2,567,118	1,608,826	155,259	362,334	300,697	138,994	1,008
Public	1,330,084	847,148	113,814	232,289	73,047	63,460	326
Appalachian State U.	3,835	2,586	233	319	362	318	17
East Carolina U.	28,114	19,675	1,344	2,709	2,364	2,022	0
Elizabeth City State U.	10,455	10,402	53	0	0	0	0
Fayetteville State U.	14,618	10,029	519	3,407	0	663	0
NC Agricultural and Technical State U.	34,930	22,652	427	11,751	41	59	0
NC Central U.	9,496	9,496	NA	NA	NA	NA	NA
NC State U.	378,154	155,293	95,505	82,621	40,750	3,823	162
U. NC, Asheville	3,157	1,770	320	463	88	516	0
U. NC, Chapel Hill	767,450	561,708	6,477	122,010	26,331	50,924	0
U. NC, Charlotte	27,533	15,930	2,995	3,131	1,965	3,512	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. NC, Greensboro	26,121	20,868	630	3,447	730	446	0
U. NC, Pembroke	998	621	174	0	0	203	0
U. NC, Wilmington	22,593	14,218	4,990	2,202	392	644	147
Western Carolina U.	1,451	721	147	229	24	330	0
Winston-Salem State U.	1,179	1,179	0	0	0	0	0
Private	1,237,034	761,678	41,445	130,045	227,650	75,534	682
Davidson C.	1,977	1,053	44	496	15	356	13
Duke U.	1,022,207	585,262	31,519	120,291	215,366	69,263	506
Elon U.	1,523	40	0	1,482	1	0	0
Shaw U.	2,193	2,193	0	0	0	0	0
Wake Forest U.	209,134	173,130	9,882	7,776	12,268	5,915	163
North Dakota	211,057	109,480	49,659	36,266	8,833	2,780	4,039
Public	210,464	108,887	49,659	36,266	8,833	2,780	4,039
Dickinson State U.	289	287	NA	2	NA	NA	NA
Mayville State U.	454	404	0	50	0	0	0
Minot State U.	590	559	0	31	0	0	0
ND State U.	134,064	53,451	43,721	31,206	577	1,070	4,039
U. ND	74,882	54,058	5,881	4,977	8,256	1,710	0
Valley City State U.	185 i	128 i	57 i	0 i	0 i	0 i	0 i
Private	593	593	0	0	0	0	0
Sitting Bull C.	593	593	0	0	0	0	0
Ohio	2,226,809	1,425,874	157,967	394,737	150,632	79,144	18,455
Public	1,698,953	995,939	137,735	346,047	140,347	61,565	17,320
Air Force Institute of Technology	31,879	20,196	75	11,488	4	116	0
Bowling Green State U.	8,999	6,164	1,802	977	24	22	10
Central State U.	3,821	3,528	150	0	143	0	0
Cleveland State U.	55,502	42,575	5,582	2,041	2,094	3,112	98
Kent State U.	27,455	15,085	3,205	7,546	499	378	742
Miami U.	26,093	13,210	1,058	10,109	579	454	683
Northeast OH Medical U.	13,581	4,081	2,104	5,695	230	1,471	0
OH State U.	832,126	493,130	100,880	94,524	103,564	26,048	13,980
OH U.	57,643	23,051	2,271	26,650	4,770	876	25
U. Akron	65,536	12,130	1,871	42,738	1,850	5,971	976
U. Cincinnati	448,936	287,182	10,678	109,777	20,846	20,453	0
U. Toledo	74,149	44,881	5,047	18,499	3,383	1,533	806
Wright State U.	48,501	27,422	2,067	15,638	2,243	1,131	0
Youngstown State U.	4,732	3,304	945	365	118	0	0
Private	527,856	429,935	20,232	48,690	10,285	17,579	1,135
Ashland U.	526 i	518 i	0 i	0 i	0 i	8 i	0 i
Baldwin-Wallace C.	360	50	1	0	235	37	37

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Case Western Reserve U.	429,206	353,470	8,983	44,832	5,121	16,477	323
C. Wooster	1,225	512	8	348	0	241	116
Heidelberg U.	913 i	544 i	41 i	0 i	43 i	285 i	0 i
John Carroll U.	743	635	22	0	86	0	0
Kenyon C.	433	358	0	59	0	16	0
Oberlin C.	1,710	1,183	0	275	44	208	0
OH Northern U.	458	181	63	187	0	27	0
OH Wesleyan U.	719	611	0	108	0	0	0
U. Dayton	90,557	70,996	11,094	2,806	4,756	246	659
Wilberforce U.	763 i	729 i	0 i	0 i	0 i	34 i	0 i
Wittenberg U.	243	148	20	75	0	0	0
Oklahoma	388,762	193,477	49,233	103,170	26,318	7,229	9,335
Public	365,442	185,507	48,580	97,373	17,510	7,137	9,335
East Central U.	1,937	1,518	83	336	0	0	0
Langston U.	5,206	3,778	1,428	0	0	0	0
Northeastern State U.	644	450	50	42	102	0	0
OK State U. Ctr. for Health Sciences	2,815	377	79	1,403	952	4	0
OK State U., Stillwater	162,786	81,855	30,192	45,302	4,860	577	0
Southeastern OK State U.	462	405	54	3	0	0	0
Southwestern OK State U.	538	473	26	39	0	0	0
U. Central OK	1,548	1,146	123	80	21	178	0
U. OK	189,506	95,505	16,545	50,168	11,575	6,378	9,335
Private	23,320	7,970	653	5,797	8,808	92	0
U. Tulsa	23,320	7,970	653	5,797	8,808	92	0
Oregon	739,733	548,671	44,200	73,639	23,330	37,529	12,364
Public	728,971	544,993	43,952	70,204	22,533	34,925	12,364
Eastern OR U.	265	147	17	61	1	39	0
OR Health and Science U.	334,324	268,777	233	29,393	13,997	21,577	347
OR Institute of Technology	258	193	0	49	7	9	0
OR State U.	228,814	146,882	39,181	23,480	5,554	1,866	11,851
Portland State U.	58,975	41,580	3,392	6,663	950	6,224	166
Southern OR U.	1,330	885	243	13	65	124	0
U. OR	103,019	84,997	701	10,323	1,959	5,039	NA
Western OR U.	1,986	1,532	185	222	0	47	0
Private	10,762	3,678	248	3,435	797	2,604	0
Lewis and Clark C.	2,778	684	0	1,028	0	1,066	0
Linfield C.	170	19	0	69	0	82	0
National C. of Natural Medicine	791	247	0	449	95	0	0
Pacific U.	1,129	242	6	60	671	150	0
Reed C.	1,839	772	0	682	0	385	0
U. Portland	1,257	307	162	49	31	708	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. Western States	858	757	0	101	0	0	0
Willamette U.	1,940	650	80	997	0	213	0
Pennsylvania	3,312,752	2,371,459	117,164	498,453	158,829	158,308	8,539
Public	1,850,655	1,238,197	75,672	381,695	81,984	69,241	3,866
Bloomsburg U. PA	419	223	25	171	0	0	0
CA U. PA	240	106	29	51	54	0	0
Cheyney U. PA	6,157	4,060	1,851	0	147	99	0
East Stroudsburg U. PA	250	250	0	0	0	0	0
Edinboro U. PA	489	377	33	79	0	0	0
Indiana U. PA	1,736	833	353	550	0	0	0
Kutztown U. PA	263	137	62	38	0	26	0
Lincoln U. of the Commonwealth of PA	1,336	1,336	0	0	0	0	0
Millersville U. PA	665	457	28	119	60	1	0
PA State U., Altoona	773	535	69	158	1	10	0
PA State U., Beaver	875	868	0	0	0	7	0
PA State U., Berks	151	111	0	0	0	40	0
PA State U., Erie	3,183	1,029	994	986	54	120	0
PA State U., Great Valley School of Graduate Professional Studies	275	143	0	89	43	0	0
PA State U., Harrisburg	3,460	1,302	1,650	207	73	228	0
PA State U., University Park and Hershey Medical Ctr.	794,846	468,705	56,019	161,355	64,650	40,378	3,739
Shippensburg U. PA	1,049	34	984	0	0	31	0
Slippery Rock U. PA	282	77	0	204	0	1	0
Temple U.	126,478	89,074	3,577	21,336	4,703	7,661	127
U. Pittsburgh, Bradford	239	224	15	0	0	0	0
U. Pittsburgh, Pittsburgh	899,386	662,471	8,040	196,309	11,927	20,639	0
West Chester U. PA	8,103	5,845	1,943	43	272	0	0
Private	1,462,097	1,133,262	41,492	116,758	76,845	89,067	4,673
Allegheny C.	707	267	11	228	0	201	0
Arcadia U.	1,888	1,621	140	NA	0	127	0
Bryn Athyn C.	287	0	0	256	0	31	0
Bryn Mawr C.	8,388	1,901	178	5,890	29	390	0
Bucknell U.	5,043	2,747	210	1,453	122	450	61
Carnegie Mellon U.	242,882	200,967	1,986	14,235	17,698	4,135	3,861
Dickinson C.	2,050	821	38	481	0	710	0
Drexel U.	115,020	83,702	3,834	17,887	2,592	6,989	16
Duquesne U.	16,814	5,991	922	7,223	350	2,314	14
Elizabethtown C.	485	369	116	NA	0	0	NA
Franklin and Marshall C.	3,439	1,397	197	1,162	108	575	0
Gannon U.	444	0	135	295	14	0	0
Gettysburg C.	669	266	0	193	15	195	0
Haverford C.	2,765	1,851	2	780	0	132	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Juniata C.	467	162	0	76	0	229	0
La Salle U.	1,460	277	0	1,043	131	9	0
Lafayette C.	2,426	1,564	48	679	55	80	0
Lehigh U.	32,086	22,390	3,766	2,793	2,253	758	126
Lycoming C.	195	91	23	4	7	70	0
Marywood U.	243	3	0	90	0	150	NA
Mercyhurst C.	1,206	389	475	318	6	18	0
Messiah C.	365	169	0	54	0	16	126
Muhlenberg C.	661	325	0	229	35	72	0
Philadelphia C. of Osteopathic Medicine	2,401	850	30	1,132	0	389	0
Philadelphia U.	1,561	1,342	219	0	0	0	0
Salus U.	1,493	1,152	325	0	4	12	0
St. Francis U.	2,823	2,823	0	0	0	0	0
St. Joseph's U.	3,073	1,087	716	251	0	1,019	0
Susquehanna U.	613	463	2	85	0	0	63
Swarthmore C.	2,994	1,029	0	1,036	0	929	0
Thomas Jefferson U.	104,923	80,027	5,375	4,524	8,146	6,695	156
U. PA	886,036	707,051	21,798	52,040	43,518	61,509	120
U. Scranton	221	64	0	140	17	0	0
U. of the Sciences Philadelphia	3,504	1,338	161	934	871	200	0
Ursinus C.	594	462	118	0	2	12	0
Villanova U.	10,044	6,817	605	1,136	745	611	130
Washington and Jefferson C.	932	932	0	0	0	0	0
Widener U., Chester	332	194	32	0	81	25	0
Wilkes U.	563	361	30	111	46	15	0
Rhode Island	459,321	212,980	12,861	195,348	7,227	30,186	719
Public	110,657	80,707	10,639	15,452	2,484	1,375	0
RI C.	8,027	2,404	4,816	594	0	213	0
U. RI	102,630	78,303	5,823	14,858	2,484	1,162	0
Private	348,664	132,273	2,222	179,896	4,743	28,811	719
Brown U.	344,090	128,628	2,203	179,210	4,613	28,717	719
Bryant U.	316	143	0	143	0	30	0
Providence C.	758	726	0	20	6	6	0
RI School of Design	551	322	0	119	105	5	0
Roger Williams U.	2,627	2,132	19	404	19	53	0
Salve Regina U.	322	322	0	0	0	0	0
South Carolina	622,702	332,418	9,149	219,814	30,459	20,956	9,906
Public	607,152	318,435	9,126	219,000	30,285	20,494	9,812
Citadel Military C. SC	415	157	10	0	26	222	0
Clemson U.	166,350	52,919	4,358	91,698	11,366	2,237	3,772
Coastal Carolina U.	2,162	1,487	454	83	62	76	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
C. Charleston	8,320	5,056	247	2,309	39	669	0
Francis Marion U.	274	267	0	0	0	7	0
Medical U. SC	213,346	143,464	2,665	42,945	12,025	6,207	6,040
SC State U.	7,533 i	6,858 i	250 i	NA	280 i	145 i	NA
U. SC, Aiken	750	592	112	26	20	0	0
U. SC, Beaufort	882	675	12	169	7	19	0
U. SC, Columbia	201,592	103,296	975	80,019	6,438	10,864	NA
U. SC, Spartanburg	439	224	7	199	1	8	0
Winthrop U.	5,089	3,440	36	1,552	21	40	0
Private	15,550	13,983	23	814	174	462	94
Allen U.	4,673 i	4,673 i	0 i	0 i	0 i	0 i	0 i
Benedict C.	3,009	2,925	6	0	78	0	0
Clafflin U.	5,439	5,103	6	237	93	0	0
Coker C.	245	171	0	39	0	35	0
Furman U.	2,184	1,111	11	538	3	427	94
South Dakota	136,305	88,339	17,515	20,930	1,527	4,496	3,498
Public	133,663	86,319	17,515	20,387	1,470	4,474	3,498
Black Hills State U.	1,643	1,172	52	405	14	0	0
Dakota State U.	1,015	402	548	NA	61	4	0
Oglala Lakota C.	296	246	25	25	0	0	0
SD School of Mines and Technology	32,070	28,105	2,308	1,257	159	175	66
SD State U.	69,680	41,904	13,822	5,747	1,211	3,564	3,432
U. SD	28,959	14,490	760	12,953	25	731	0
Private	2,642	2,020	0	543	57	22	0
Augustana C., Sioux Falls	1,578	1,169	0	340	57	12	0
Sinte Gleska U.	826	613	0	203	0	10	0
U. Sioux Falls	238	238	0	0	0	0	0
Tennessee	1,016,962	719,313	35,699	192,349	30,302	35,227	4,072
Public	414,379	228,455	34,544	117,211	20,696	12,891	582
Austin Peay State U.	2,180	729	1,157	281	13	0	0
East TN State U.	10,249	7,705	720	184	565	1,075	0
Middle TN State U.	4,969	2,669	202	1,932	50	66	50
TN State U.	13,468	8,369	1,115	3,546	427	11	0
TN Technological U.	13,247	6,397	4,048	2,507	286	9	0
U. Memphis	48,321	20,348	4,350	20,742	1,257	1,092	532
U. TN, Chattanooga	9,251	2,932	833	3,651	203	1,632	0
U. TN, Health Science Ctr.	81,220	51,842	3,586	13,161	7,431	5,200	0
U. TN, Institute of Agriculture	62,786	15,512	3,055	37,843	4,616	1,760	0
U. TN, Knoxville	167,456	111,942	15,475	32,176	5,838	2,025	0
U. TN, Martin	1,232	10	3	1,188	10	21	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Private	602,583	490,858	1,155	75,138	9,606	22,336	3,490
Christian Brothers U.	242 i	235 i	1 i	2 i	1 i	1 i	2 i
Fisk U.	4,849	4,631	0	218	0	0	0
LeMoyne-Owen C.	209	171	38	0	0	0	0
Meharry Medical C.	29,055	26,779	0	1,088	0	1,188	0
Rhodes C.	788	378	372	0	7	31	0
Sewanee: U. of the South	1,017	491	0	333	0	193	0
Southern C. of Optometry	392	0	0	323	69	0	0
Vanderbilt U.	566,031	458,173	744	73,174	9,529	20,923	3,488
Texas	4,661,517	2,326,317	701,884	887,366	284,625	391,388	69,937
Public	4,028,633	1,914,918	684,393	775,038	262,508	341,627	50,149
Angelo State U.	1,201	318	715	88	0	80	0
Lamar U.	4,762	4,036	329	NA	276	121	0
Prairie View A&M U.	15,243	11,058	2,989	1,059	73	64	0
Sam Houston State U.	5,816	3,855	1,173	745	18	25	NA
Stephen F. Austin State U.	6,046	1,690	2,809	914	164	469	0
Sul Ross State U.	3,183	1,672	484	570	29	428	0
Tarleton State U.	10,426	6,036	2,678	478	1,109	125	0
TX A&M Health Science Ctr.	74,957	33,405	8,200	23,001	1,135	4,394	4,822
TX A&M International U.	3,121	1,195	496	235	2	1,193	0
TX A&M U., College Station	705,720	291,812	131,925	186,541	54,880	35,839	4,723
TX A&M U., Commerce	2,242	1,557	370	0	0	315	NA
TX A&M U., Corpus Christi	17,509	7,506	4,477	2,689	313	2,519	5
TX A&M U., Kingsville	17,114	6,280	3,940	3,179	584	3,131	0
TX Southern U.	6,318	4,899	941	279	50	149	0
TX State U., San Marcos	33,487	10,319	4,562	14,799	566	3,241	0
TX Tech U.	149,399	35,191	19,559	73,712	10,914	10,023	0
TX Tech U., Health Sciences Ctr.	58,774	14,790	33,208	5,572	1,642	3,562	0
TX Woman's U.	2,919	1,173	626	529	16	575	0
U. Houston	113,709	59,580	26,747	13,650	6,957	6,775	0
U. Houston, Clear Lake	1,746	818	626	235	8	59	0
U. Houston, Downtown	1,351	1,186	0	71	1	93	0
U. North TX, Denton	42,475	14,754	1,001	24,337	856	1,457	70
U. North TX, Health Science Ctr.	45,943	26,132	5,486	10,162	2,306	1,606	251
U. TX, Arlington	72,483	30,659	12,058	22,571	4,355	2,840	0
U. TX, Austin	632,171	355,437	41,088	129,114	68,479	31,031	7,022
U. TX, Brownsville	7,491	6,122	719	625	0	25	0
U. TX, Dallas	93,230	33,216	18,689	24,504	2,001	14,820	0
U. TX, El Paso	74,069	35,399	15,547	13,684	1,085	8,354	0
U. TX, Health Science Ctr., Houston	261,172	156,790	55,025	10,503	10,048	28,806	0
U. TX, Health Science Ctr., San Antonio	198,655	121,200	7,242	38,871	12,707	18,635	0
U. TX, M. D. Anderson Cancer Ctr.	663,279	236,400	198,926	70,220	59,582	98,151	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. TX, Medical Branch	193,555	128,098	6,154	41,545	2,815	14,943	0
U. TX, Pan American	8,672	5,339	2,013	535	349	436	0
U. TX, Permian Basin	1,232	761	0	124	0	0	347
U. TX, San Antonio	58,667	31,972	15,604	7,153	1,878	2,060	0
U. TX, Southwestern Medical Ctr., Dallas	431,883	231,639	56,674	49,148	16,513	45,000	32,909
U. TX, Tyler	2,766	1,277	1,085	273	125	6	0
West TX A&M U.	5,847	1,347	228	3,323	672	277	0
Private	632,884	411,399	17,491	112,328	22,117	49,761	19,788
Abilene Christian U.	487	427	0	20	0	40	0
Austin C.	217	33	0	34	0	150	0
Baylor C. of Medicine	466,061	295,529	13,406	86,632	13,486	37,328	19,680
Baylor U.	12,343	3,704	316	6,211	918	1,149	45
Jarvis Christian C.	206	169	0	0	0	37	0
LeTourneau U.	796	260	0	145	83	308	0
Rice U.	110,235	78,730	2,653	14,006	5,241	9,605	0
Southern Methodist U.	24,453	18,502	121	4,202	1,187	441	0
Southwestern U.	477	246	0	107	15	109	0
St. Edward's U.	7,160	6,899	92	132	10	17	10
St. Mary's U., San Antonio	564	36	0	528	0	0	0
TX Christian U.	5,595	3,924	367	141	1,163	NA	0
Trinity U.	1,355	1,046	17	31	4	231	26
U. Dallas	170	103	5	0	10	52	0
U. of the Incarnate Word	667	217	5	139	0	279	27
Wiley C.	2,098	1,574	509	0	0	15	0
Utah	627,180	403,118	31,068	147,772	22,308	16,884	6,030
Public	590,038	378,845	29,674	142,074	17,547	15,983	5,915
Southern UT U.	241	190	25	26	0	0	0
U. UT	414,316	264,234	1,055	119,007	12,894	15,828	1,298
UT State U.	174,167	113,871	28,448	22,864	4,226	141	4,617
Weber State U.	1,314	550	146	177	427	14	0
Private	37,142	24,273	1,394	5,698	4,761	901	115
Brigham Young U., Provo	37,142	24,273	1,394	5,698	4,761	901	115
Vermont	137,303	105,517	172	25,051	1,860	4,703	0
Public	132,578	101,693	172	24,354	1,860	4,499	0
Johnson State C.	222	222	0	0	0	0	0
U. VT	132,356	101,471	172	24,354	1,860	4,499	0
Private	4,725	3,824	0	697	0	204	0
Middlebury C.	2,408	2,289	0	0	0	119	0
Norwich U.	1,583	1,064	0	494	0	25	0
St. Michael's C.	734	471	0	203	0	60	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Virginia	1,284,422	771,884	128,688	263,542	52,836	59,198	8,274
Public	1,227,130	731,134	128,249	260,215	50,063	49,195	8,274
Christopher Newport U.	1,669	1,587	0	0	32	50	0
C. of William and Mary and VA Institute of Marine Science	58,919	30,361	2,549	21,242	2,670	2,097	0
George Mason U.	88,089	65,301	1,576	16,155	561	4,289	207
James Madison U.	7,303	5,218	58	254	NA	NA	1,773
Marine Corps U.	468	468	0	0	0	0	0
Norfolk State U.	7,140	6,462	14	0	0	0	664
Old Dominion U.	102,192	39,534	4,007	54,495	2,270	1,576	310
Radford U.	784	386	64	269	37	28	0
U. of Mary Washington	1,374	660	34	110	NA	570	0
U. VA, Charlottesville	292,106	232,525	1,187	27,250	13,848	14,589	2,707
U. VA's C. Wise	336	38	180	118	0	0	0
VA Commonwealth U.	207,756	153,228	9,590	30,177	7,848	6,913	0
VA Military Institute	374	133	34	186	20	1	0
VA Polytechnic Institute and State U.	450,058	189,198	108,768	107,683	22,777	19,019	2,613
VA State U.	8,562	6,035	188	2,276	0	63	0
Private	57,292	40,750	439	3,327	2,773	10,003	0
Eastern Mennonite U.	214	210	4	0	0	0	0
Eastern VA Medical School	36,569	25,319	412	136	2,525	8,177	0
Edward Via C. of Osteopathic Medicine	2,453	707	0	1,465	0	281	0
Ferrum C.	176	39	3	18	0	116	0
Hampton U.	12,414	12,292	0	122	0	0	0
Regent U.	157	0	0	17	0	140	0
Roanoke C.	451	34	0	417	0	0	0
Sweet Briar C.	339	180	10	124	0	25	0
U. Richmond	4,064	1,831	10	1,028	0	1,195	0
Washington and Lee U.	455	138	0	0	248	69	0
Washington	1,570,487	1,090,595	92,064	233,791	34,884	91,649	27,504
Public	1,559,014	1,082,261	91,967	232,431	34,581	90,314	27,460
Central WA U.	2,858	2,242	247	101	124	144	0
Eastern WA U.	3,910	559	2,472	185	400	294	0
Evergreen State C.	1,025	1,004	17	0	4	0	0
U. WA, Bothell	2,857	911	148	570	141	1,067	20
U. WA, Seattle	1,148,533	948,976	20,036	57,329	20,780	76,424	24,988
U. WA, Tacoma	1,359	406	347	470	7	13	116
WA State U.	388,974	123,502	67,986	170,114	13,019	12,017	2,336
Western WA U.	9,498	4,661	714	3,662	106	355	0
Private	11,473	8,334	97	1,360	303	1,335	44
Bastyr U.	2,121	1,988	0	24	109	0	0
Gonzaga U.	1,819	1,152	0	66	3	598	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Northwest Indian C.	2,483 i	1,980 i	59 i	381 i	0 i	62 i	1 i
Pacific Lutheran U.	471	185	0	129	0	157	0
Seattle Pacific U.	1,633	1,155	37	230	172	15	24
Seattle U.	1,274	622	1	353	0	298	0
U. Puget Sound	530	295	0	177	19	20	19
Whitman C.	1,142	957	0	0	0	185	0
West Virginia	210,899	122,481	14,803	65,043	4,157	3,662	753
Public	200,397	114,245	14,538	64,996	4,150	2,390	78
Bluefield State C.	162	162	0	0	0	0	0
Concord U.	216	23	181	0	0	12	0
Marshall U.	26,723	21,852	1,698	2,605	96	472	0
Shepherd U.	303	166	0	137	0	0	0
West Liberty U.	1,869	413	721	385	50	300	0
WV School of Osteopathic Medicine	528	17	0	511	0	0	0
WV State U.	4,176	3,193	983	0	0	0	0
WV U.	166,420	88,419	10,955	61,358	4,004	1,606	78
Private	10,502	8,236	265	47	7	1,272	675
Alderson-Broaddus C.	200 i	194 i	2 i	1 i	1 i	1 i	1 i
Future Generations Graduate School	227	0	0	0	0	227	0
WV Wesleyan C.	250	173	31	46	0	0	0
Wheeling Jesuit U.	9,825	7,869	232	0	6	1,044	674
Wisconsin	1,444,278	787,811	126,367	288,812	42,967	153,123	45,198
Public	1,202,872	640,720	126,095	231,494	31,084	128,321	45,158
U. WI, Eau Claire	1,406	829	253	40	97	142	45
U. WI, Green Bay	1,288 i	848 i	71 i	134 i	178 i	16 i	41 i
U. WI, La Crosse	4,373 i	2,332 i	756 i	247 i	641 i	3 i	394 i
U. WI, Madison	1,111,642	593,633	102,632	220,150	27,968	125,092	42,167
U. WI, Milwaukee	65,648	30,479	21,061	8,805	1,657	2,694	952
U. WI, Oshkosh	2,384	1,154	243	415	64	285	223
U. WI, Parkside	457	160	80	67	86	0	64
U. WI, Platteville	715 i	50 i	495 i	121 i	12 i	13 i	24 i
U. WI, River Falls	463 i	145 i	80 i	179 i	19 i	19 i	21 i
U. WI, Stevens Point	7,115 i	4,834 i	211 i	943 i	145 i	29 i	953 i
U. WI, Stout	412 i	161 i	52 i	181 i	5 i	0 i	13 i
U. WI, Superior	6,187 i	5,638 i	0 i	124 i	194 i	27 i	204 i
U. WI, Whitewater	782 i	457 i	161 i	88 i	18 i	1 i	57 i
Private	241,406	147,091	272	57,318	11,883	24,802	40
Alverno C.	740	0	0	740	0	0	0
Carthage C.	242	22	0	26	43	111	40
C. of Menominee Nation	477 i	468 i	0 i	0 i	0 i	9 i	0 i
Lawrence U.	241	200	0	0	0	41	0

TABLE 35. Higher education R&D expenditures, by state, institutional control, institution, and source of funds: FY 2011
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Marquette U.	19,876	11,291	154	4,191	739	3,501	0
Medical C. WI	215,358	133,929	118	51,815	8,703	20,793	0
Milwaukee School of Engineering	4,472	1,181	0	546	2,398	347	0
Wyoming	57,549	48,932	3,536	2,506	1,961	314	300
Public	57,549	48,932	3,536	2,506	1,961	314	300
U. WY	57,549	48,932	3,536	2,506	1,961	314	300
Guam	5,626	5,391	72	0	124	39	0
Public	5,626	5,391	72	0	124	39	0
U. GU	5,626	5,391	72	0	124	39	0
Puerto Rico	163,853	121,590	4,223	29,900	4,436	3,547	157
Public	134,633	101,220	2,890	22,449	4,389	3,528	157
U. PR, Cayey	1,474	1,278	0	196	0	0	0
U. PR, Humacao	1,976	1,976	0	0	0	0	0
U. PR, Mayaguez	34,424	18,568	2,357	8,075	1,895	3,504	25
U. PR, Medical Sciences Campus	64,017	54,381	501	6,688	2,447	NA	0
U. PR, Ponce	160	130	0	30	0	0	0
U. PR, Rio Piedras	32,582	24,887	32	7,460	47	24	132
Private	29,220	20,370	1,333	7,451	47	19	0
Polytechnic U. PR	360	193	0	120	47	0	0
Ponce School of Medicine	10,502	9,318	1,184	0	0	0	0
U. Central del Caribe	7,515	6,613	149	734	0	19	0
U. del Este	1,358	1,179	0	179	0	0	0
U. del Turabo	7,098	1,054	0	6,044	0	0	0
U. Metropolitana	2,387	2,013	0	374	0	0	0
Virgin Islands	21,994	16,338	2,457	0	0	0	3,199
Public	21,994	16,338	2,457	0	0	0	3,199
U. of the VI	21,994	16,338	2,457	0	0	0	3,199

i = imputed. NA = not available; data were not provided by institution.

^a Johns Hopkins University includes Applied Physics Laboratory, with \$1,160,966 thousand in total R&D expenditures in FY 2011.

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