

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
United States, total .....	30,062,371	17,493,473	2,204,263	2,178,252	5,924,491	2,261,892
Public, total .....	20,517,436	10,637,880	2,009,336	1,446,530	4,992,452	1,431,238
Private, total .....	9,544,935	6,855,593	194,927	731,722	932,039	830,654
Alabama, total .....	428,122	275,912	6,052	19,581	88,167	38,410
Public, total .....	418,662	268,771	6,052	19,581	88,074	36,184
Alabama A&M University .....	8,238	7,056	165	141	876	0
Alabama State University .....	1,365e	1,190e	0e	0e	175e	0e
Auburn University .....	92,612	31,515	221	3,917	52,734	4,225
U of Alabama Birmingham .....	233,461	175,309	539	7,752	17,902	31,959
U of Alabama Huntsville .....	41,274	25,939	1,528	4,532	9,275	0
U of South Alabama .....	9,865	8,276	291	1,298	0	0
University of Alabama, The .....	31,847	19,486	3,308	1,941	7,112	0
Private, total .....	9,460	7,141	0	0	93	2,226
Oakwood College .....	567e	447e	0e	0e	93e	27e
Selma University .....	0	0	0	0	0	0
Talladega College .....	0	0	0	0	0	0
Tuskegee University .....	8,893	6,694	0	0	0	2,199
Alaska, total .....	107,417	49,241	3,469	20,073	34,328	306
Public, total .....	107,417	49,241	3,469	20,073	34,328	306
U of Alaska Anchorage .....	4,782e	2,537e	187e	375e	1,382e	301e
U of Alaska Fairbanks .....	102,500	46,605	3,267	19,686	32,937	5
U of Alaska, SE .....	135	99	15	12	9	0
Arizona, total .....	465,777	244,938	15,221	28,519	158,810	18,289
Public, total .....	465,777	244,938	15,221	28,519	158,810	18,289
Arizona State University .....	108,117	49,935	4,398	4,700	45,051	4,033
Northern Arizona U .....	12,570	7,842	1,852	1,407	1,469	0
University of Arizona .....	345,090	187,161	8,971	22,412	112,290	14,256
Arkansas, total .....	130,894	58,302	35,076	8,121	22,110	7,285
Public, total .....	130,822	58,230	35,076	8,121	22,110	7,285
Arkansas State University .....	1,203	267	749	0	187	0
Arkansas Tech Univ .....	419	92	31	33	263	0
U Arkansas Pine Bluff .....	4,151 i	2,911 i	0 i	0 i	1,214 i	26 i
U of AR at Little Rock .....	3,400e	3,400e	0 i	0 i	0 i	0 i
U of Arkansas Main .....	70,817	20,778	32,860	4,746	9,155	3,278
U of Arkansas Medical Sci .....	49,074	29,962	1,012	3,321	10,979	3,800
U of Central Arkansas .....	1,758	820	424	21	312	181
Private, total .....	72	72	0	0	0	0
Philander Smith College .....	72e	72e	0e	0e	0e	0e
California, total .....	4,053,042	2,335,093	235,796	294,990	820,953	366,210
Public, total .....	3,000,360	1,533,020	207,121	191,698	729,455	339,066
CA St Poly U Pomona .....	1,703	1,703	0	0	0	0
CA St U Bakersfield .....	3,703	459	798 i	399 i	563 i	1,484 i
CA St U Chico .....	2,390	450	1,310	630	0	0
CA St U Dominguez Hills .....	998	909	0	22	67	0
CA St U Fresno .....	11,598	1,823	4,500	3,000	450	1,825
CA St U Fullerton .....	1,712 i	1,148 i	160 i	104 i	182 i	118 i
CA St U Long Beach .....	32,551	12,964	13,457	673	3,604	1,853
CA St U Los Angeles .....	9,062	8,344	225	142	0	351
CA St U Northridge .....	6,190	3,182	578 i	66 i	1,267 i	1,097 i
CA St U San Bernardino .....	1,797	880	546	288	62	21
Cal Poly St U .....	12,133	7,605	1,563	894	513	1,558
Humboldt State University .....	5,557e	2,629e	852e	869e	450e	757e
Naval Postgrad School .....	37,502 i	36,476 i	234 i	316 i	0 i	476 i
San Diego St University .....	55,002	22,802	7,290	1,811	17,811	5,288

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

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State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
California, continued:						
Public, continued:						
San Francisco State U .....	5,223e	4,561e	166i	496i	0i	0i
San Jose State University .....	21,005e	11,825e	2,537e	4,324e	1,655e	664e
Sonoma State University .....	150	33	63	0	48	6
U CA Berkeley .....	518,514	208,338	65,354	27,851	168,025	48,946
U CA Davis .....	364,789	141,740	31,063	17,891	144,073	30,022
U CA Irvine .....	158,437	88,274	5,259	18,615	27,168	19,121
U CA Los Angeles .....	530,826	274,162	17,864	33,427	118,456	86,917
U CA Riverside .....	83,580	21,085	3,569	3,345	46,451	9,130
U CA San Diego .....	518,559	326,037	23,691	34,541	87,632	46,658
U CA San Francisco .....	443,013	248,878	22,435	34,964	71,199	65,537
U CA Santa Barbara .....	118,154	80,754	2,375	5,499	18,973	10,553
U CA Santa Cruz .....	56,212	25,959	1,232	1,531	20,806	6,684
Private, total .....	1,052,682	802,073	28,675	103,292	91,498	27,144
Azusa Pacific U .....	0e	0e	0e	0e	0e	0e
Biola University .....	0	0	0	0	0	0
C R Drew U of Med & Sci .....	31,045	21,969	7,973	1,103	0	0
CA Inst of Integral Stu .....	0	0	0	0	0	0
CA Sch Prof Psy S Diego .....	1,020e	517e	157e	42e	65e	239e
CA Sch Prof Psy-Alameda .....	498e	25e	461e	0e	4e	8e
CA Sch Prof Psy-Fresno .....	1,034	773	174	0	62	25
CA Sch Prof Psy-L.A. ....	0	0	0	0	0	0
California Inst of Tech .....	222,666	176,177	2,697	29,619	14,173	0
Chapman U .....	373	73	0	0	244	56
Claremont Graduate Sch .....	2,416	798	213	202	564	639
Fuller Theological Sem .....	80e	80e	0e	0e	0e	0e
Golden Gate University .....	0	0	0	0	0	0
Harvey Mudd College .....	5,699e	1,032e	83i	406i	499i	3,679i
Loma Linda University .....	24,369	18,811	0	4,181	1,263	114
Occidental College .....	826	545	0	225	56	0
Pepperdine University .....	0	0	0	0	0	0
Pitzer College .....	383	299	0	0	60	24
Point Loma Nazarene Col .....	165	83	0	0	0	82
Pomona College .....	1,791	678	7	43	586	477
Santa Clara University .....	2,509i	574i	0i	626i	1,236i	73i
Stanford University .....	454,780	367,127	5,710	41,269	19,286	21,388
U of Southern California .....	300,445	210,872	10,991	25,298	53,284	0
US International U .....	0	0	0	0	0	0
University San Francisco .....	700	400	200	0	100	0
University of San Diego .....	545	422	0	31	0	92
University of the Pacific .....	1,020	546	9	218	0	247
Western U of Hlth Sci .....	318i	272i	0i	29i	16i	1i
Colorado, total .....	544,204	427,495	24,000	24,031	53,711	14,967
Public, total .....						
Colorado School of Mines .....	534,400	419,842	23,932	23,713	52,696	14,217
Colorado State University .....	21,795	11,995	1,550	7,870	380	0
Fort Lewis College .....	152,279	101,429	19,695	6,519	24,205	431
U of Colorado HSC .....	191	139	26	26	0	0
U of Colorado HSC .....	141,203	119,120	111	5,093	7,863	9,016
U of Colorado, Boulder .....	207,973	178,777	1,349	3,478	19,841	4,528
U of Colorado, Col Spgs .....	1,251i	470i	85i	471i	224i	1i
U of Colorado, Denver .....	3,101	2,027	825	249	0	0
U of Northern Colorado .....	1,128	982	5	7	43	91
U of Southern Colorado .....	724	370	233	0	11	110
U.S. Air Force Academy .....	4,551	4,505	6	0	0	40
W State Coll Colorado .....	204	28	47	0	129	0

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

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State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Colorado, continued:						
Private, total .....	9,804	7,653	68	318	1,015	750
Colorado College .....	1,213	145	0	251	817	0
Regis University .....	208	69	0	0	0	139
University of Denver .....	8,383	7,439	68	67	198	611
Connecticut, total .....	468,435	304,155	15,539	28,327	74,534	45,880
Public, total .....	162,303	66,901	14,472	13,557	54,034	13,339
Central Connecticut St U .....	218	137	2	0	32	47
Southern Connecticut St U .....	596	215	364	17	0	0
US Coast Guard Academy .....	405	405	0	0	0	0
University of Connecticut .....	161,084	66,144	14,106	13,540	54,002	13,292
Private, total .....	306,132	237,254	1,067	14,770	20,500	32,541
Connecticut College .....	423i	0i	1i	9i	15i	398i
Fairfield University .....	1,061	203	6	76	776	0
Trinity College .....	1,010	326	0	96	98	490
University of Hartford .....	1,061	629	106	192	134	0
University of New Haven .....	198e	19e	42e	27e	33e	77e
Wesleyan University .....	5,673	4,058	10	15	1,140	450
Yale University .....	296,706	232,019	902	14,355	18,304	31,126
Delaware, total .....	78,126	40,768	4,142	3,878	19,562	9,776
Public, total .....	78,126	40,768	4,142	3,878	19,562	9,776
Delaware State University .....	3,415	3,052	110	121	132	0
University of Delaware .....	74,711	37,716	4,032	3,757	19,430	9,776
District of Columbia, total .....	245,828	186,632	3,826	16,286	15,480	23,604
Public, total .....	2,737	1,629	428	0	392	288
University of DC .....	2,737	1,629	428	0	392	288
Private, total .....	243,091	185,003	3,398	16,286	15,088	23,316
American University .....	2,245	1,886	0	34	230	95
Catholic U of America .....	9,329	7,680	27	363	904	355
Gallaudet University .....	1,752	1,682	70	0	0	0
George Washington U .....	69,300	49,627	2,649	4,220	4	12,800
Georgetown University .....	133,211	98,836	576	9,795	13,950	10,054
Howard University .....	27,254	25,292	76	1,874	0	12
Florida, total .....	851,932	408,826	103,167	78,906	220,827	40,206
Public, total .....	693,874	295,016	100,873	60,896	211,894	25,195
Florida A&M University .....	21,612	16,278	5,334	0	0	0
Florida Atlantic U .....	19,535	12,359	789	6,387	0	0
Florida International U .....	34,649	20,296	8,600	1,843	3,477	433
Florida State University .....	105,095	56,830	4,172	693	40,170	3,230
U of Central Florida .....	47,646	13,801	6,734	5,833	21,278	0
U of South Florida .....	145,397	50,557	6,978	10,873	64,713	12,276
U of West Florida .....	6,248	4,521	761	388	578	0
University of Florida .....	313,692	120,374	67,505	34,879	81,678	9,256
Private, total .....	158,058	113,810	2,294	18,010	8,933	15,011
Bethune Cookman College .....	586	586	0	0	0	0
Embry-Riddle Aero Univ .....	2,700e	1,551e	14i	62i	1,073i	0i
Florida Inst of Tech .....	6,058	2,980	421	920	1,676	61
Nova Southeastern U .....	2,919	2,060	413	0	6	440
University of Miami .....	145,795	106,633	1,446	17,028	6,178	14,510
Georgia, total .....	926,749	417,664	76,857	94,341	299,214	38,673
Public, total .....	653,097	222,397	72,244	82,424	268,818	7,214
Albany State University .....	1,393	840	164	389	0	0
Fort Valley State U .....	2,768	2,417	93	258	0	0
Georgia Institute of Tech .....	304,511	126,164	14,932	64,508	98,907	0
Georgia Southern U .....	944	944	0	0	0	0

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Georgia, continued:						
Public, continued:						
Georgia State University .....	36,600	12,090	5,666	784	14,659	3,401
Kennesaw State Univ .....	249	249	0	0	0	0
Medical Col of Georgia .....	45,596	15,210	736	3,609	23,988	2,053
Savannah State Univ .....	905	905	0	0	0	0
State U of West Georgia .....	1,655	900	0	600	155	0
University of Georgia .....	258,476	62,678	50,653	12,276	131,109	1,760
Private, total .....	273,652	195,267	4,613	11,917	30,396	31,459
Clark Atlanta University .....	16,891	16,170	12	190	89	430
Emory University .....	206,070	144,914	4,061	7,513	18,901	30,681
Inst of Paper Sci & Tech .....	10,533e	3,398e	296i	1,250i	5,241i	348i
Mercer University .....	18,138	11,350	31	1,405	5,352	0
Morehouse College .....	2,853e	1,843e	0e	826e	184e	0e
Morehouse School of Med .....	16,889	15,419	212	677	581	0
Morris Brown College .....	116	116	0	0	0	0
Spelman College .....	2,082	1,978	0	56	48	0
Wesleyan Col (Macon) .....	80	79	1	0	0	0
Hawaii, total .....	161,300	95,419	35,474	11,158	19,249	0
Public, total .....	161,300	95,419	35,474	11,158	19,249	0
Univ of Hawaii at Manoa .....	161,300	95,419	35,474	11,158	19,249	0
Idaho, total .....	73,726	28,888	18,545	5,338	17,505	3,450
Public, total .....	73,726	28,888	18,545	5,338	17,505	3,450
Boise State University .....	3,480	2,151	388	318	623	0
Idaho State University .....	8,899	3,723	1,186	2,256	1,734	0
University of Idaho .....	61,347	23,014	16,971	2,764	15,148	3,450
Illinois, total .....	1,170,625	681,006	73,042	56,085	279,759	80,733
Public, total .....	629,526	319,294	64,939	28,455	180,751	36,087
Chicago State University .....	1,263	1,248	0	0	15	0
Eastern Illinois U .....	0e	0e	0e	0e	0e	0e
Illinois State University .....	4,434	2,108	1,727i	553i	46i	0i
Knox College .....	254	254	0	0	0	0
Northeastern Illinois U .....	184	24	56	11	74	19
Northern Illinois U .....	7,431	3,603	390	1,050	2,388	0
S Illinois U Carbondale .....	36,354	10,130	8,047	2,355	12,231	3,591
S Illinois U Edwardsville .....	1,344	200	330	531	283	0
U of IL Chicago .....	195,839	101,943	6,916	11,010	60,691	15,279
U of IL Springfield .....	910	182	355	12	263	98
U of IL Urbana-Champaign .....	373,024	193,490	45,850	12,693	104,241	16,750
Western Illinois U .....	8,489	6,112	1,268	240	519	350
Private, total .....	541,099	361,712	8,103	27,630	99,008	44,646
Bradley University .....	1,371	146	16	951	258	0
DePaul University .....	863	478	12	290	83	0
Finch U Hlth Sci Chicago .....	7,587	5,117	0	90	1,117	1,263
Illinois Inst of Tech .....	13,734	10,926	391	1,549	868	0
Lake Forest College .....	399	200	0	0	128	71
Loyola U of Chicago .....	30,034	20,695	330	1,484	4,565	2,960
Midwestern University .....	2,470	467	3	182	1,561	257
Northwestern University .....	245,774	150,238	3,565	12,860	56,937	22,174
Rush University .....	68,189	32,573	508	8,762	22,700	3,646
University of Chicago .....	170,678	140,872	3,278	1,462	10,791	14,275

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Indiana, total .....	509,141	228,768	34,377	42,343	178,613	25,040
Public, total .....	468,898	200,711	34,267	39,730	173,752	20,438
Ball State University .....	2,429	873	93	421	1,024	18
Indiana State University .....	4,196	251	17	3,928	0	0
Indiana University .....	227,737	107,577	3,002	5,384	91,578	20,196
Purdue University .....	234,536	92,010	31,155	29,997	81,150	224
Private, total .....	40,243	28,057	110	2,613	4,861	4,602
Rose-Hulman Inst of Tech .....	4,994	420	8	334	0	4,232
University of Notre Dame .....	34,524	27,362	102	2,279	4,781	0
Valparaiso University .....	725	275	0	0	80	370
Iowa, total .....	418,263	203,437	56,351	32,473	104,472	21,530
Public, total .....	414,246	201,118	56,296	32,355	103,058	21,419
Iowa State University .....	175,558	59,976	49,627	15,075	47,272	3,608
U of Iowa .....	236,944	140,764	6,163	17,262	54,967	17,788
U of Northern Iowa .....	1,744	378	506	18	819	23
Private, total .....	4,017	2,319	55	118	1,414	111
Coe College .....	0i	0i	0i	0i	0i	0i
Des Moines U Ost Med Ctr .....	417	134	48	118	117	0
Drake University .....	468	198	7	0	172	91
Grinnell College .....	1,500	774	0	0	726	0
Maharishi U of Mgmt .....	1,632	1,213	0	0	399	20
Kansas, total .....	258,336	105,610	44,396	23,410	69,872	15,048
Public, total .....	258,336	105,610	44,396	23,410	69,872	15,048
Kansas State University .....	91,790	31,185	36,300	4,057	17,294	2,954
Pittsburg State U .....	1,663	247	1,067	141	8	200
University of Kansas .....	148,670	68,950	5,486	15,712	46,754	11,768
Wichita State University .....	16,213	5,228	1,543	3,500	5,816	126
Kentucky, total .....	274,238	96,288	21,849	17,932	121,232	16,937
Public, total .....	273,776	95,847	21,849	17,932	121,232	16,916
Eastern Kentucky U .....	640	192	98	17	333	0
Kentucky State University .....	713i	703i	10i	0i	0i	0i
Murray State University .....	2,084	629	566	55	834	0
Northern Kentucky U .....	115	41	4	0	57	13
University of Kentucky .....	202,392	73,858	19,276	11,213	85,948	12,097
University of Louisville .....	64,062	17,713	1,564	6,532	33,447	4,806
Western Kentucky Univ .....	3,770	2,711	331	115	613	0
Private, total .....	462	441	0	0	0	21
Spalding University .....	462	441	0	0	0	21
Louisiana, total .....	399,411	169,895	75,626	25,670	95,601	32,619
Public, total .....	305,937	114,459	73,132	15,330	77,696	25,320
Grambling State U .....	2,264	2,200	59	0	5	0
Louisiana St U, A&M Colle .....	172,294	44,563	64,655	7,795	45,735	9,546
Louisiana St U, Hlth Sci .....	55,793	28,287	1,008	4,819	15,092	6,587
Louisiana St U, Shrevepor .....	126	42	42	35	0	7
Louisiana Tech University .....	928	631	0	0	0	297
McNeese State University .....	639	512	36	0	91	0
Nicholls State U .....	504	14	168	99	223	0
Southeastern Louisiana U .....	1,057	629	221	14	193	0
Southern U A&M All Camp .....	8,302	6,418	238	109	1,537	0
Southern U New Orleans .....	183	60e	60e	0	0	63e
U of LA Lafayette .....	32,692	12,164	2,360	0	9,458	8,710
U of LA Monroe, The .....	8,135e	2,824e	1,401e	0e	3,910e	0e
University of New Orleans .....	23,020	16,115	2,884	2,459	1,452	110
Private, total .....	93,474	55,436	2,494	10,340	17,905	7,299
Dillard University .....	264	182	82	0	0	0
Tulane University .....	89,785	52,080	2,371	10,340	17,703	7,291
Xavier University of LA .....	3,425	3,174	41	0	202	8

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

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State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Maine, total .....	57,753	25,309	6,445	2,994	20,555	2,450
Public, total .....	56,187	24,535	6,445	2,899	20,249	2,059
U of Maine .....	54,821	24,412	5,872	2,899	19,674	1,964
U of Southern Maine .....	1,366e	123e	573e	0e	575e	95e
Private, total .....	1,566	774	0	95	306	391
Bates College .....	598	463	0	16	41	78
Bowdoin College .....	576	228	0	59	93	196
Colby College .....	392	83	0	20	172	117
Maryland, total .....	1,507,549	1,090,445	82,069	50,154	181,039	103,842
Public, total .....	604,669	295,666	79,675	34,341	133,953	61,034
Bowie State University .....	2,675e	2,360e	0e	119e	0e	196e
Coppin State College .....	0	0	0	0	0	0
Morgan State University .....	4,371	4,371	0	0	0	0
St Mary's Col of MD .....	447	378	0	0	69	0
Towson University .....	2,138	846	530	170	592	0
U MD Baltimore County .....	26,044	20,244	1,156	2,159	2,278	207
U MD Biotechnology Inst .....	29,946	11,157	1,483	915	14,132	2,259
U MD Ctr for Environ Sci .....	31,605	10,805	3,873	58	14,367	2,502
U MD Eastern Shore .....	3,895	3,895	0	0	0	0
U MD at College Park .....	252,429	136,605	48,902	1,028	53,919	11,975
U of MD Baltimore .....	224,346	91,212	23,731	29,892	35,632	43,879
US Naval Academy .....	2,786	2,770	0	0	0	16
Unif Svcs U of Hlth Sci .....	23,987	11,023	0	0	12,964	0
Private, total .....	902,880	794,779	2,394	15,813	47,086	42,808
Johns Hopkins U .....	901,156	793,266	2,391	15,751	46,940	42,808
Loyola College .....	1,724	1,513	3	62	146	0
Massachusetts, total .....	1,485,792	1,064,468	40,305	138,667	94,322	148,030
Public, total .....	233,547	125,707	33,595	17,013	39,714	17,518
Bridgewater State College .....	585	287	7	155	135	1
Fitchburg State College .....	26	0	0	0	26	0
U MA Amherst .....	97,052	44,697	6,961	5,535	31,879	7,980
U MA Boston .....	12,058	3,378	1,211	0	4,371	3,098
U MA Dartmouth .....	6,905	3,228	1,343	652	1,677	5
U MA Lowell .....	19,334	9,905	599	7,204	1,626	0
U MA Worcester .....	97,587	64,212	23,474	3,467	0	6,434
Private, total .....	1,252,245	938,761	6,710	121,654	54,608	130,512
Amherst College .....	1,859	999	0	133	727	0
Boston College .....	27,767	16,673	1,706	1,487	4,936	2,965
Boston University .....	154,029	133,730	1,281	8,574	0	10,444
Brandeis University .....	47,658	26,444	88	0	5,697	15,429
Clark University .....	2,908	1,652	36	16	0	1,204
College of the Holy Cross .....	371	142	0	46	58	125
Hampshire College .....	2,658	872	20	0	251	1,515
Harvard University .....	341,810	281,699	1,295	12,189	0	46,627
MA Col Phar Allied Hlth .....	96i	0i	0i	96i	0i	0i
MA Institute of Tech .....	426,299	306,668	197	83,082	9,896	26,456
Mount Holyoke College .....	1,835	1,135	34	0	191	475
New England Col Opt .....	1,228	950	0	245	0	33
Northeastern University .....	35,340	26,916	162	3,567	4,143	552
Simmons College .....	912	74	0	783	55	0
Smith College .....	2,582	774	3	1,747	58	0
Tufts University .....	105,783	64,677	1,475	8,118	20,753	10,760
Wellesley College .....	4,943i	2,304i	31i	27i	800i	1,781i
Wentworth Inst of Tech .....	452	452	0	0	0	0
Williams College .....	1,853e	1,345e	8i	22i	44i	434i
Woods Hole Oceanogr Inst .....	81,547	67,036	244	142	4,104	10,021
Worcester Polytech Inst .....	10,315	4,219	130	1,380	2,895	1,691

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Michigan, total .....	995,756	553,119	63,226	66,955	242,336	70,120
Public, total .....	989,986	551,455	62,922	64,920	241,030	69,659
Central Michigan U .....	755e	142e	441e	153e	19e	0e
Eastern Michigan U .....	4,118	1,213	292	604	2,009	0
Ferris State University .....	15e	0e	10e	0e	0e	5e
Grand Valley State U .....	1,138	368	96	0	604	70
Michigan State University .....	227,734	97,112	41,739	11,230	70,185	7,468
Michigan Tech University .....	27,204	16,650	870	3,834	5,046	804
Oakland University .....	6,422e	3,033e	420e	1,002e	1,716e	251e
University of Michigan .....	551,556	364,033	4,561	35,515	108,532	38,915
Wayne State University .....	156,814	64,320	12,366	10,932	49,825	19,371
Western Michigan U .....	14,230	4,584	2,127	1,650	3,094	2,775
Private, total .....	5,770	1,664	304	2,035	1,306	461
Andrews University .....	444	87	0	0	202	155
Calvin College .....	1,191	270	98	230	538	55
Hope College .....	922	602	0	0	69	251
Kettering University .....	625	270	37	318	0	0
Lawrence Tech Univ .....	821	121	66	210	424	0
U of Detroit Mercy .....	1,767	314	103	1,277	73	0
Minnesota, total .....	416,411	233,018	52,659	26,859	71,236	32,639
Public, total .....	413,922	231,120	52,624	26,812	70,840	32,526
Minnesota State, Mankato .....	607	175	111	195	126	0
St. Cloud State Univ .....	1,935e	987e	171e	225e	384e	168e
University of Minnesota .....	411,380	229,958	52,342	26,392	70,330	32,358
Private, total .....	2,489	1,898	35	47	396	113
Augsburg College .....	337	337	0	0	0	0
Carleton College .....	1,245	760	1	47	338	99
Gustavus Adolphus Col .....	143	85	0	0	58	0
Macalester College .....	220i	186i	34i	0i	0i	0i
St Olaf College .....	544	530	0	0	0	14
Mississippi, total .....	217,064	117,168	38,833	10,973	47,025	3,065
Public, total .....	216,031	116,557	38,833	10,973	46,603	3,065
Alcorn State University .....	8,034	8,034	0	0	0	0
Jackson State University .....	12,027	10,690	0	0	1,337	0
Mississippi State U .....	132,503	53,808	30,317	7,955	40,423	0
Mississippi Valley St U .....	834	834	0	0	0	0
U Mississippi, All Camp .....	44,927	28,107	7,488	2,034	4,233	3,065
U Southern Mississippi .....	17,706	15,084	1,028	984	610	0
Private, total .....	1,033	611	0	0	422	0
Rust College .....	138	138	0	0	0	0
Tougaloo College .....	895	473	0	0	422	0
Missouri, total .....	614,101	371,713	26,387	33,535	130,288	52,178
Public, total .....	219,390	90,570	19,091	7,767	88,772	13,190
Lincoln University .....	2,502	2,502	0	0	0	0
Southwest Missouri St U .....	1,324e	484e	751e	58e	31e	0e
Southeast Missouri St U .....	233	173	15	30	15	0
Truman State University .....	738i	174i	2i	8i	554i	0i
U of Missouri Columbia .....	158,861	65,420	17,361	4,007	62,769	9,304
U of Missouri Kansas City .....	19,647	7,490	75	660	10,376	1,046
U of Missouri Rolla .....	25,968	9,804	322	2,543	10,892	2,407
U of Missouri St Louis .....	9,898	4,523	428	461	4,053	433
U of Missouri Sys Admn .....	219	0	137	0	82	0

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Missouri, continued:						
Private, total .....	394,711	281,143	7,296	25,768	41,516	38,988
Forest Inst of Prof Psy .....	0	0	0	0	0	0
Kirksville Col Osteo Med .....	816	542	0	0	235	39
Saint Louis University .....	31,002	26,453	263	3,018	580	688
U of Health Sci (MO) .....	677	0	77	59	541	0
Washington University .....	362,216	254,148	6,956	22,691	40,160	38,261
Montana, total .....	99,069	51,686	17,873	10,298	15,658	3,554
Public, total .....	99,069	51,686	17,873	10,298	15,658	3,554
MT Tech of the U of MT .....	4,155	2,744	1,110	301	0	0
Montana St U Bozeman .....	65,324	30,564	15,772	8,523	10,465	0
Univ of Montana, The .....	29,590	18,378	991	1,474	5,193	3,554
Nebraska, total .....	208,480	65,702	7,243	17,636	101,159	16,740
Public, total .....	192,639	60,161	6,260	11,552	98,039	16,627
U of Nebraska Med Ctr .....	51,547	19,878	1,568	5,486	15,360	9,255
U of Nebraska at Kearney .....	146	49	17	1	25	54
U of Nebraska at Lincoln .....	136,023	37,831	4,640	5,991	80,439	7,122
U of Nebraska at Omaha .....	4,923	2,403	35	74	2,215	196
Private, total .....	15,841	5,541	983	6,084	3,120	113
Creighton University .....	15,841	5,541	983	6,084	3,120	113
Nevada, total .....	106,340	60,005	7,032	5,532	29,227	4,544
Public, total .....	106,340	60,005	7,032	5,532	29,227	4,544
Desert Research Institute .....	25,877	19,923	1,890	844	807	2,413
U of Nevada Las Vegas .....	24,215	13,815	3,583	2,131	4,686	0
U of Nevada Reno .....	56,248	26,267	1,559	2,557	23,734	2,131
New Hampshire, total .....	150,982	95,290	9,747	9,197	22,924	13,824
Public, total .....	72,108	38,921	7,295	4,923	13,897	7,072
U of New Hampshire .....	72,108	38,921	7,295	4,923	13,897	7,072
Private, total .....	78,874	56,369	2,452	4,274	9,027	6,752
Dartmouth College .....	78,874	56,369	2,452	4,274	9,027	6,752
New Jersey, total .....	567,666	257,445	46,071	29,817	160,412	73,921
Public, total .....	414,510	172,556	41,187	20,188	122,988	57,591
Montclair State U .....	396	146	8	0	212	30
NJ Inst of Technology .....	47,895	17,381	8,187	1,344	1,603	19,380
Rutgers the State U NJ .....	225,268	79,711	25,762	8,843	86,261	24,691
U Med & Dent of NJ .....	140,951	75,318	7,230	10,001	34,912	13,490
Private, total .....	153,156	84,889	4,884	9,629	37,424	16,330
Fairleigh Dickinson U .....	158	24	48	9	37	40
Monmouth University .....	357e	178e	0e	175e	4e	0e
Princeton University .....	134,875	74,681	2,574	6,881	34,704	16,035
Rider University .....	891	225	48	9	422	187
Seton Hall University .....	996	996	0	0	0	0
Stevens Inst of Tech .....	15,879	8,785	2,214	2,555	2,257	68
New Mexico, total .....	246,258	175,028	11,965	11,692	41,740	5,833
Public, total .....	246,258	175,028	11,965	11,692	41,740	5,833
NM Inst Mining & Tech .....	23,636	8,652	2,133	6,373	6,187	291
New Mexico Highlands U .....	8,947	8,861	45	0	0	41
New Mexico State Univ .....	79,695	57,073	7,883	3,466	10,232	1,041
University of New Mexico .....	133,980	100,442	1,904	1,853	25,321	4,460

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
New York, total .....	2,290,812	1,475,423	102,684	100,995	374,797	236,913
Public, total .....	584,808	334,300	28,102	24,750	137,282	60,374
CUNY Baruch Col .....	375	87	49	133	106	0
CUNY Brooklyn College .....	6,342	2,866	551	225	1,739	961
CUNY City College .....	17,059	13,059	1,812	1,659	356	173
CUNY Col Staten Island .....	1,208	858	18	102	230	0
CUNY Grad Ctr .....	739	532	0	0	36	171
CUNY H H Lehman Col .....	1,632	1,444	0	0	130	58
CUNY Hunter College .....	15,047	8,650	241	281	4,182	1,693
CUNY John Jay Col Cr Just .....	1,274	779	48	204	0	243
CUNY Medger Evers Col .....	291	258	33	0	0	0
CUNY Queens College .....	3,827	2,604	20	968	235	0
CUNY York College .....	1,341	1,317	10	0	14	0
SUNY Col Env Sci Frstry .....	26,663	4,332	2,665	1,914	16,889	863
SUNY Col Old Westbury .....	1,310	1,067	0	0	243	0
SUNY Col at Brockport .....	722	344	283	0	67	28
SUNY Col at Buffalo .....	1,683	577	212	8	766	120
SUNY Col at Cortland .....	362	233	24	0	62	43
SUNY Col at Fredonia .....	194	120	22	1	16	35
SUNY Col at Geneseo .....	686	389	8	15	199	75
SUNY Col at Oswego .....	744	587	7	46	56	48
SUNY Col at Plattsburgh .....	996	610	62	28	248	48
SUNY Col of Optometry .....	1,001	698	0	10	172	121
SUNY Hlth Sci Ctr Brklyn .....	31,626	22,860	229	1,787	4,094	2,656
SUNY Purchase College .....	139	139	0	0	0	0
SUNY Upstate Med U .....	17,095	8,461	494	263	844	7,033
SUNY at Albany .....	82,792	62,059	7,521	622	5,944	6,646
SUNY at Binghamton .....	18,661	6,319	2,746	3,327	3,961	2,308
SUNY at Buffalo .....	187,692	96,410	6,692	5,590	48,502	30,498
SUNY at Stony Brook .....	163,307	96,641	4,355	7,567	48,191	6,553
Private, total .....	1,706,004	1,141,123	74,582	76,245	237,515	176,539
Adelphi University .....	169	73	0	82	6	8
Albany Col of Pharmacy .....	1,360	839	10	365	146	0
Albany Medical College .....	11,522	7,691	0	33	3,012	786
Alfred University .....	6,442	1,227	898	3,066	928	323
Barnard College .....	1,347	1,198	0	0	0	149
Clarkson University .....	7,751	3,837	720	1,447	1,747	0
Colgate University .....	1,664	917	0	0	464	283
Columbia U in City of NY .....	319,693	283,163	1,424	3,362	10,522	21,222
Cooper Union .....	284	94	39	114	37	0
Cornell University .....	410,393	229,872	40,177	12,697	85,090	42,557
Fordham University .....	3,584	2,101	200	0	125	1,158
Hamilton College .....	1,027	469	0	34	343	181
Hofstra University .....	787	649	0	125	0	13
Ithaca College .....	2,565	2,131	0	0	434	0
Long Island University .....	1,267	1,044	23	15	173	12
Manhattan College .....	509	293	100	116	0	0
Mt Sinai Sch Med .....	149,846	98,188	2,989	12,141	17,690	18,838
New School University .....	5,209	873	0	0	0	4,336
New York Inst Technology .....	390	114	37	18	167	54
New York Medical College .....	23,348	17,975	172	3,294	0	1,907
New York University .....	182,205	117,163	1,729	7,767	24,488	31,058
Pace University All Cmp .....	289	236	0	0	0	53
Polytechnic University .....	15,500	8,200	2,800	2,100	1,400	1,000
Rensselaer Polytech Inst .....	40,762	25,555	5,586	6,581	1,622	1,418
Rochester Inst of Tech .....	4,755	2,664	486	917	0	688
Rockefeller U, The .....	124,138	45,211	4,932	2,775	42,054	29,166
Skidmore College .....	314	67	0	163	84	0
St John's University (NY) .....	1,184	938	85	0	161	0
Syracuse University .....	39,468	29,630	1,830	1,210	1,703	5,095

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
New York, continued:						
Private, continued:						
Teachers Col. Columbia U .....	8,561	5,613	0	0	0	2,948
Union College (NY) .....	1,002	553	0	228	188	33
University of Rochester .....	197,335	150,593	10,300	17,595	6,944	11,903
Vassar College .....	1,716	321	45	0	0	1,350
Yeshiva University .....	139,618	101,631	0	0	37,987	0
North Carolina, total .....	1,040,017	577,437	113,764	169,979	147,364	31,473
Public, total .....	595,354	306,739	106,897	45,015	129,440	7,263
Appalachian State U .....	694	128	99	0	113	354
East Carolina University .....	8,461	4,388	915	3,158	0	0
Elizabeth City State U .....	1,558	1,558	0	0	0	0
Fayetteville State U .....	507	507	0	0	0	0
NC A&T State University .....	13,400	11,187	97	235	1,790	91
NC State University .....	277,946	77,328	88,120	32,804	73,744	5,950
North Carolina Central U .....	808 <sup>i</sup>	761 <sup>i</sup>	0 <sup>i</sup>	0 <sup>i</sup>	0 <sup>i</sup>	47 <sup>i</sup>
U of NC Asheville .....	861	227	467	4	52	111
U of NC Chapel Hill .....	269,072	194,794	15,247	6,835	52,196	0
U of NC Charlotte .....	7,790	5,380	662	701	894	153
U of NC Greensboro .....	2,368 <sup>e</sup>	1,535 <sup>e</sup>	128 <sup>e</sup>	430 <sup>e</sup>	0 <sup>e</sup>	275 <sup>e</sup>
U of NC Wilmington .....	7,859	5,336	980	781	520	242
Western Carolina U .....	580	354	28	67	131	0
Winston Salem State U .....	3,450	3,256	154	0	0	40
Private, total .....	444,663	270,698	6,867	124,964	17,924	24,210
Bennett College .....	811 <sup>i</sup>	583 <sup>i</sup>	0 <sup>i</sup>	48 <sup>i</sup>	0 <sup>i</sup>	180 <sup>i</sup>
Duke University .....	356,625	204,180	6,083	109,791	16,752	19,819
Johnson C Smith U .....	287	250	8	0	0	29
Shaw University .....	100 <sup>e</sup>	100 <sup>e</sup>	0 <sup>e</sup>	0 <sup>e</sup>	0 <sup>e</sup>	0 <sup>e</sup>
Wake Forest University .....	86,840	65,585	776	15,125	1,172	4,182
North Dakota, total .....	67,406	29,343	2,417	4,400	28,651	2,595
Public, total .....	67,406	29,343	2,417	4,400	28,651	2,595
North Dakota State U .....	50,063	15,463	2,391	2,044	28,159	2,006
U of North Dakota .....	17,343	13,880	26	2,356	492	589
Ohio, total .....	918,500	498,967	83,520	87,570	179,722	68,721
Public, total .....	681,312	313,691	79,303	76,038	161,029	51,251
Air Force Inst of Tech .....	7,771	5,371	258	2	2,140	0
Bowling Green State U .....	3,454 <sup>e</sup>	1,847 <sup>e</sup>	88 <sup>e</sup>	273 <sup>e</sup>	1,246 <sup>e</sup>	0 <sup>e</sup>
Central State University .....	560 <sup>e</sup>	283 <sup>e</sup>	0 <sup>i</sup>	125 <sup>i</sup>	38 <sup>i</sup>	114 <sup>i</sup>
Cleveland State U .....	10,214	3,318	3,792	969	1,991	144
Kent State University .....	10,817	7,736	848	708	1,525	0
Med Col of Ohio .....	13,747	9,944	790	309	1,914	790
Miami University (OH) .....	10,674	2,674	661	1,663	5,555	121
N.E. Ohio Univ Col of Med .....	4,011	2,002	150	22	1,280	557
Ohio State University .....	361,399	132,219	61,978	57,075	79,583	30,544
Ohio University .....	23,767	11,695	1,841	1,591	7,375	1,265
University of Akron .....	19,495	7,081	1,153	3,090	6,356	1,815
University of Cincinnati .....	172,085	110,475	3,355	5,166	38,254	14,835
University of Toledo .....	13,694	6,312	669	2,013	4,089	611
Wright State University .....	29,092	12,543	3,648	2,968	9,478	455
Youngstown State Univ .....	532	191	72	64	205	0
Private, total .....	237,188	185,276	4,217	11,532	18,693	17,470
Antioch University .....	0	0	0	0	0	0
Case Western Reserve U .....	193,057	150,586	3,622	5,890	16,605	16,354

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Ohio, continued:						
Private, continued:						
College of Wooster .....	593	276	0	44	61	212
Denison University .....	328	238	0	0	41	49
John Carroll University .....	1,072e	1,072e	0e	0e	0e	0e
Oberlin College .....	691	691	0	0	0	0
Ohio Wesleyan University .....	255e	185e	0e	0e	0e	70e
U of Findlay .....	350	275	75	0	0	0
Union Institute, The .....	1,217	0	0	0	592	625
University of Dayton .....	39,345	31,717	520	5,598	1,350	160
Wilberforce University .....	280i	236i	0i	0i	44i	0i
Oklahoma, total .....	252,419	93,434	42,396	16,789	88,152	11,648
Public, total .....	242,249	87,874	41,442	13,610	87,675	11,648
Langston University .....	2,553	2,553	0	0	0	0
Oklahoma State University .....	88,285	24,770	25,770	4,076	33,002	667
U of Central Oklahoma .....	509	9	254	35	200	11
University of Oklahoma .....	150,902	60,542	15,418	9,499	54,473	10,970
Private, total .....	10,170	5,560	954	3,179	477	0
Oral Roberts University .....	116	62	0	0	54	0
University of Tulsa .....	10,054	5,498	954	3,179	423	0
Oregon, total .....	346,149	246,684	35,485	14,775	32,568	16,637
Public, total .....	324,966	231,826	34,550	13,302	30,149	15,139
Oregon Health Sciences U .....	131,486	109,165	1,956	12,430	0	7,935
Oregon State University .....	140,751	80,398	31,434	141	23,904	4,874
Portland State University .....	16,494	11,217	735	494	3,361	687
Southern Oregon Univ .....	301	253	15	0	32	1
University of Oregon .....	35,934	30,793	410	237	2,852	1,642
Private, total .....	21,183	14,858	935	1,473	2,419	1,498
Lewis and Clark College .....	529	392	0	75	62	0
OR Grad Inst Sci & Tech .....	18,856	13,743	865	1,315	2,082	851
Pacific University .....	264	20	0	48	40	156
Reed College .....	716	391	0	0	67	258
University of Portland .....	552	235	70	0	14	233
Willamette University .....	266	77	0	35	154	0
Pennsylvania, total .....	1,549,050	1,032,963	44,433	159,669	202,535	109,450
Public, total .....	777,818	494,747	22,074	79,311	147,019	34,667
East Stroudsburg U of PA .....	642	271	47	10	0	314
Indiana U of PA All Cmp .....	731	544	18	27	142	0
Kutztown U of PA .....	92	84	0	0	6	2
Lincoln University (PA) .....	709	709	0	0	0	0
Pennsylvania State U .....	427,575	226,074	18,739	64,393	112,161	6,208
Temple University .....	52,466	38,213	658	188	6,657	6,750
University of Pittsburgh .....	294,809	228,155	2,593	14,676	28,037	21,348
West Chester U of PA .....	794	697	19	17	16	45
Private, total .....	771,232	538,216	22,359	80,358	55,516	74,783
Allegheny College .....	318	88	0	0	68	162
Bryn Mawr College .....	2,791	978	305	9	1,338	161
Bucknell University .....	1,835	754	395	525	161	0
Carnegie Mellon U .....	137,980	91,191	3,223	21,136	0	22,430
Dickinson College .....	739	390	68	125	156	0
Drexel University .....	24,876	14,292	1,163	3,137	6,284	0
Duquesne University .....	2,662	1,902	140	407	39	174
Franklin & Marshall Coll .....	1,188	604	0	0	489	95
Haverford College .....	1,191	1,000	0	0	102	89

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Pennsylvania, continued:						
Private, continued:						
Juniata College .....	168	105	0	0	0	63
La Salle University .....	126	0	0	120	6	0
Lafayette College .....	665	331	47	12	275	0
Lehigh University .....	25,506	12,726	3,819	5,636	3,041	284
MCP Hahnemann University ..	41,670	27,379	7,990	2,967	157	3,177
PA College of Optometry .....	581	525	11	13	30	2
Phila Col Osteopathic Med .....	930	392	6	35	170	327
St. Joseph's Univ .....	975	797	0	66	112	0
Swarthmore College .....	996e	586e	0e	42e	294e	74e
Thomas Jefferson U .....	89,626	67,448	3,229	12,324	1,563	5,062
U of Pennsylvania .....	430,389	312,434	1,830	32,632	40,981	42,512
U of Sci in Philadelphia .....	532	222	3	307	0	0
Villanova University .....	5,280	4,035	130	865	250	0
Widener U All Campuses .....	208	37	0	0	0	171
Rhode Island, total .....	129,697	88,510	4,564	2,735	30,289	3,599
Public, total .....	48,135	38,538	4,464	1,194	3,501	438
U of Rhode Island .....	48,135	38,538	4,464	1,194	3,501	438
Private, total .....	81,562	49,972	100	1,541	26,788	3,161
Brown University .....	81,476	49,943	100	1,530	26,742	3,161
Providence College .....	86e	29e	0e	11e	46e	0e
South Carolina, total .....	294,184	131,043	31,743	15,478	102,793	13,127
Public, total .....	291,693	129,126	31,743	15,478	102,488	12,858
Clemson University .....	114,903	31,304	24,363	9,768	44,347	5,121
Coastal Carolina U .....	1,187	923	138	6	114	6
College of Charleston .....	3,047	1,607	78	2	1,154	206
Med U of South Carolina .....	65,243	41,432	2,245	2,880	15,300	3,386
South Carolina State U .....	2,915	1,988	24	0	279	624
U of South Carolina .....	104,398	51,872	4,895	2,822	41,294	3,515
Private, total .....	2,491	1,917	0	0	305	269
Benedict College .....	1,143	1,143	0	0	0	0
Clafin College .....	555e	250e	0e	0e	305e	0e
Furman University .....	793	524	0	0	0	269
South Dakota, total .....	27,269	13,659	6,525	361	3,825	2,899
Public, total .....	27,269	13,659	6,525	361	3,825	2,899
SD Sch of Mines & Tech .....	5,743	4,127	198	104	1,256	58
South Dakota State U .....	16,784	7,448	5,983	257	1,965	1,131
U of South Dakota .....	4,742	2,084	344	0	604	1,710
Tennessee, total .....	405,013	240,337	39,258	18,520	67,634	39,264
Public, total .....	218,461	96,807	39,223	14,020	46,903	21,508
East Tennessee State U .....	6,494	2,768	1,071	0	100	2,555
Middle Tennessee State U .....	733	478	150	10	0	95
Tennessee State U .....	11,285	8,873	0	90	2,269	53
Tennessee Tech U .....	8,878	1,452	4,143	690	2,364	229
U of Tennessee .....	162,286	71,973	30,156	12,727	30,069	17,361
U of Tennessee Chattanooga .....	1,404	86	766	13	468	71
U of Tennessee Martin .....	0	0	0	0	0	0
Univ of Memphis, The .....	27,381	11,177	2,937	490	11,633	1,144
Private, total .....	186,552	143,530	35	4,500	20,731	17,756
Fisk University .....	3,401	2,652	8	422	0	319
Le Moyne-Owen Coll .....	1,700	1,700	0	0	0	0

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Tennessee, continued:						
Private, continued:						
Meharry Medical College .....	9,460e	9,192e	0e	0e	0e	268e
Southern Col of Optometry ....	65	0	0	15	50	0
Vanderbilt University .....	171,926	129,986	27	4,063	20,681	17,169
Texas, total .....	2,039,642	1,101,463	229,255	165,151	322,234	221,539
Public, total .....	1,642,944	861,566	223,216	143,167	268,481	146,514
Lamar University .....	3,204	2,330	716	156	2	0
Prairie View A&M U .....	9,464	7,679	877	83	825	0
Sam Houston State U .....	3,053	2,128	144	600	181	0
Southwest Texas St Univ .....	4,507	3,519	142	0	201	645
Stephen F Austin St U .....	5,289	521	561	295	1,537	2,375
Sul Ross State University .....	796	228	484	0	0	84
TX A&M U Sys Hlth Sci Ctr ....	25,736	14,321	6,290	2,704	2,421	0
Tarleton State University .....	3,872	1,426	4	0	2,325	117
Texas A&M U Commerce .....	327	157	14	0	22	134
Texas A&M U Corpus Chri .....	5,999	1,363	2,979	51	499	1,107
Texas A&M Univ Kingsville .....	7,404	2,179	511	496	3,568	650
Texas A&M University .....	397,268	149,639	108,503	31,084	100,119	7,923
Texas Southern U .....	2,182	1,844	222	116	0	0
Texas Tech University .....	68,224	21,481	21,164	5,946	15,621	4,012
Texas Woman's University .....	3,005	1,440	1,046	349	0	170
U North TX Hlth Sci Ctr .....	10,131	5,799	1,261	2,105	966	0
U TX Hlth Sci Ctr San Ant .....	103,824	65,251	9,671	10,707	11,305	6,890
U TX MD Anderson Cncr Ctr ..	182,196	81,872	0	20,271	50,667	29,386
U TX Med Br at Galveston .....	97,896	61,357	8,588	6,146	11,236	10,569
U TX SW Med Ctr at Dallas ...	189,216	109,165	11,320	14,861	5,317	48,553
U TX at Arlington .....	10,723	5,106	1,882	700	3,035	0
U TX at Austin .....	272,811	178,889	19,201	24,740	37,883	12,098
U TX at Dallas .....	15,684	7,049	3,164	4,715	394	362
U TX at El Paso .....	20,877	16,416	2,881	941	639	0
U TX at San Antonio .....	10,292	7,441	2,634	0	217	0
U of Houston Clear Lake .....	7,091	6,383	362	95	228	23
U of Houston Downtown .....	837	660	0	20	157	0
U of TX Pan American .....	1,688	1,135	21	6	363	163
UT Houston Hlth Sci Ctr .....	119,587	79,665	2,803	13,029	7,995	16,095
University of Houston .....	48,902	21,365	13,521	1,689	7,837	4,490
University of North Texas .....	9,108	3,618	736	1,257	2,871	626
West Texas A&M U .....	1,751	140	1,514	5	50	42
Private, total .....	396,698	239,897	6,039	21,984	53,753	75,025
Abilene Christian Univ .....	252	165	1	0	86	0
Baylor Col of Dentistry .....	2,718	1,380	413	124	243	558
Baylor Col of Medicine .....	334,175	193,249	2,714	17,578	49,443	71,191
Baylor University .....	3,307	353	520	475	1,428	531
Jarvis Christian College .....	55	55	0	0	0	0
Rice University .....	41,840	35,144	1,860	2,858	0	1,978
Southern Methodist U .....	9,713	6,302	410	557	1,901	543
St. Mary's University .....	287	62	0	0	225	0
Texas Christian U .....	3,050	2,441	121	391	97	0
Trinity University .....	1,241	746	0	1	330	164
University of Dallas .....	60	0	0	0	0	60
Wiley College .....	0	0	0	0	0	0
Utah, total .....	308,059	192,100	20,365	17,853	43,818	33,923
Public, total .....	290,822	181,722	19,062	15,825	41,596	32,617
University of Utah .....	187,661	124,344	2,821	7,940	24,226	28,330
Utah State University .....	103,161	57,378	16,241	7,885	17,370	4,287

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Utah, continued:						
Private, total .....	17,237	10,378	1,303	2,028	2,222	1,306
Brigham Young University .....	17,237	10,378	1,303	2,028	2,222	1,306
Vermont, total .....	64,762	41,232	3,262	5,713	10,239	4,316
Public, total .....	63,391	39,861	3,262	5,713	10,239	4,316
University of Vermont .....	63,391	39,861	3,262	5,713	10,239	4,316
Private, total .....	1,371	1,371	0	0	0	0
Middlebury College .....	1,371	1,371	0	0	0	0
Virginia, total .....	587,718	321,690	70,328	53,380	103,522	38,798
Public, total .....	550,609	299,196	70,290	44,889	102,593	33,641
Col of William & Mary .....	33,299	13,031	3,113	638	14,467	2,050
George Mason University .....	26,793	20,669	1,092	630	842	3,560
James Madison University .....	1,121	712	240	0	0	169
Norfolk State University .....	3,408	3,273	64	0	0	71
Old Dominion University .....	25,058	14,908	4,313	3,533	2,304	0
Radford University .....	624	444	88	25	55	12
University of Virginia .....	174,522	119,243	6,272	17,266	16,498	15,243
VA Polytech Inst & St U .....	192,672	71,127	52,346	14,869	46,654	7,676
Virginia Commonwealth U .....	88,220	52,137	2,056	7,495	21,688	4,844
Virginia Military Inst .....	470	50	15	334	55	16
Virginia State University .....	4,422	3,602	691	99	30	0
Private, total .....	37,109	22,494	38	8,491	929	5,157
Eastern VA Med School .....	23,299	12,114	31	6,044	110	5,000
Hampton University .....	9,323	8,994	0	10	269	50
Institute of Textile Tech .....	2,638	0	0	2,357	281	0
University of Richmond .....	1,178	849	7	80	242	0
Virginia Union University .....	671 i	537 i	0 i	0 i	27 i	107 i
Washington, total .....	642,934	443,223	15,266	62,087	101,445	20,913
Public, total .....	642,451	442,940	15,266	62,087	101,245	20,913
Central Washington U .....	2,006	1,426	135	0	425	20
E Washington Univ .....	2,108	1,366	528	0	121	93
Evergreen State Coll .....	766	537	46	0	0	183
U of Washington .....	529,342	389,622	9,984	57,405	63,123	9,208
W Washington Univ .....	3,433	1,548	289	103	1,296	197
Washington State U .....	104,796	48,441	4,284	4,579	36,280	11,212
Private, total .....	483	283	0	0	200	0
Whitman College .....	483	283	0	0	200	0
West Virginia, total .....	73,420	33,972	2,963	7,510	24,299	4,676
Public, total .....	72,658	33,733	2,955	7,510	23,801	4,659
Bluefield State College .....	0	0	0	0	0	0
Fairmont State College .....	110	102	0	0	7	1
Marshall University .....	6,231	5,618	287	325	0	1
WV Sch of Osteo Med .....	132	0	0	0	93	39
West Virginia State Col .....	55e	0e	48e	0e	0e	7e
West Virginia University .....	66,130	28,013	2,620	7,185	23,701	4,611
Private, total .....	762	239	8	0	498	17
Salem-Teikyo University .....	762	239	8	0	498	17
Wisconsin, total .....	661,470	348,779	45,576	21,554	176,467	69,094
Public, total .....	581,216	290,354	44,021	16,820	168,730	61,291
U WI-Eau Claire .....	684	219	58	0	107	300
U WI-Green Bay .....	543	267	84	1	132	59
U WI-La Crosse .....	1,404	1,001	28	0	118	257
U WI-Madison .....	554,361	278,629	40,189	16,127	161,132	58,284

See explanatory information and SOURCE at end of table.

**Table B-29. R&D expenditures at universities and colleges, by State, control, and source of funds: fiscal year 2000**

[Dollars in thousands]

State, control, and institution	Total	Federal Government	State and local governments	Industry	Institutional funds	All other sources
Wisconsin, continued:						
Public, continued:						
U WI-Milwaukee .....	20,010	8,425	3,358	568	6,394	1,265
U WI-Oshkosh .....	585	248	54	0	119	164
U WI-Parkside .....	362	212	11	0	84	55
U WI-River Falls .....	152	24	7	34	40	47
U WI-Stevens Point .....	1,227	193	169	7	227	631
U WI-Stout .....	1,236	880	43	3	254	56
U WI-Superior .....	380	33	16	68	115	148
U WI-Whitewater .....	272	223	4	12	8	25
Private, total .....	80,254	58,425	1,555	4,734	7,737	7,803
Marquette University .....	7,653	3,085	1,544	1,331	638	1,055
Medical Col of Wisconsin .....	70,581	55,034	1	1,931	6,905	6,710
Milwaukee School of Eng .....	2,020	306	10	1,472	194	38
Wyoming, total .....	43,094	16,556	1,470	2,941	20,103	2,024
Public, total .....	43,094	16,556	1,470	2,941	20,103	2,024
University of Wyoming .....	43,094	16,556	1,470	2,941	20,103	2,024
Guam, total .....	4,130	3,165	965	0	0	0
Public, total .....	4,130	3,165	965	0	0	0
University of Guam .....	4,130	3,165	965	0	0	0
Puerto Rico, total .....	74,529	42,803	14,107	4,925	12,114	580
Public, total .....	65,364	34,114	14,107	4,925	11,704	514
U PR Mayaguez Campus .....	34,683	11,837	14,088	3,971	4,451	336
U PR Med Sci Campus .....	21,373	16,657	19	954	3,565	178
U PR Rio Piedras Campus .....	9,308	5,620	0	0	3,688	0
Private, total .....	9,165	8,689	0	0	410	66
Ponce School of Medicine .....	3,403	3,257	0	0	81	65
Pont Catholic U of PR, The .....	85	85	0	0	0	0
U Ctrl Del Caribe Esc Med .....	5,677	5,347	0	0	329	1
Virgin Islands, total .....	3,310	1,957	1,257	96	0	0
Public, total .....	3,310	1,957	1,257	96	0	0
U of the Virgin Islands .....	3,310e	1,957e	1,257e	96e	0e	0e

**KEY:** e = estimated  
i = imputed

**NOTES:** Because of rounding, detail may not add to totals.

Beginning in fiscal year 1998, this table reports data for all institutions. In prior years this table reported on doctorate-granting institutions only.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000