

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
United States	7,604,984	3,781,448	1,180,453	1,518,623	1,124,460	6,416,042	3,381,005	940,290	1,159,616	935,131
Alabama										
Public										
Alabama A&M U.	854	854	0	0	0	807	807	0	0	0
Alabama State U.	414	414	0	0	0	414	414	0	0	0
Auburn U., Auburn	31,990 i	7,526 i	8,132 i	589 i	15,743 i	29,681	6,678	7,767	212	15,024
Jacksonville State U.	15	0	0	0	15	0	0	0	0	0
U. Alabama, Birmingham	65,902	30,762	26,835	6,575	1,730	65,902	30,762	26,835	6,575	1,730
U. Alabama, Huntsville	34,840	2,329	28,344	1,342	2,825	32,941	2,328	27,275	1,041	2,297
U. Alabama, Tuscaloosa	17,839	4,093	1,813	5,157	6,776	17,839	4,093	1,813	5,157	6,776
U. South Alabama	4,806	2,236	1,579	289	702	3,087	2,236	171	43	637
Private										
Tuskegee U.	1,052	1,000	49	3	0	1,052	1,000	49	3	0
Alaska										
Public										
U. Alaska, Anchorage	3,365	1,251	45	367	1,702	3,317	1,251	45	337	1,684
U. Alaska, Fairbanks	8,973	2,362	537	5,630	444	8,171	2,136	180	5,518	337
U. Alaska, Southeast	59	0	0	35	24	59	0	0	35	24
Private										
Alaska Pacific U.	48	48	0	0	0	48	48	0	0	0
Arizona										
Public										
Arizona State U.	66,703	22,849	5,482	35,562	2,810	40,125	21,242	4,891	12,020	1,972
Dine C.	116	53	0	63	0	116	53	0	63	0
Northern Arizona U.	5,231 i	2,657 i	592 i	1,472 i	510 i	4,663	2,457	573	1,410	223
U. Arizona	56,501 i	26,148 i	6,895 i	18,640 i	4,818 i	50,876	24,087	5,998	17,716	3,075
Private										
Southwest C. of Naturopathic Medicine and Health Sciences	0	0	0	0	0	0	0	0	0	0
Arkansas										
Public										
Arkansas State U., Jonesboro	2,065	1,220	0	0	845	2,042	1,220	0	0	822
U. Arkansas for Medical Sciences	6,831	3,024	1,778	1,022	1,007	6,464	2,657	1,778	1,022	1,007

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## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

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	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
U. Arkansas, Fayetteville	16,661	4,412	1,286	414	10,549	16,099	3,850	1,286	414	10,549
U. Arkansas, Little Rock	2,789	1,159	155	0	1,475	2,393	1,048	141	0	1,204
U. Arkansas, Pine Bluff	290	201	0	0	89	145	145	0	0	0
U. Central Arkansas	962	792	0	0	170	906	766	0	0	140
California										
Public										
California Polytechnic State U., San Luis Obispo	3,267	1,346	1,145	483	293	3,162	1,346	1,145	467	204
California State Polytechnic U., Pomona	1,377	695	152	0	530	1,368	686	152	0	530
California State U., Bakersfield	138	138	0	0	0	104	104	0	0	0
California State U., Channel Islands	163	85	18	0	60	56	56	0	0	0
California State U., Chico	321	241	2	0	78	138	58	2	0	78
California State U., Dominguez Hills	226	217	0	0	9	217	217	0	0	0
California State U., Fresno	1,865	1,730	76	1	58	403	268	76	1	58
California State U., Fullerton	606	534	19	43	10	476	419	19	28	10
California State U., Long Beach	4,774	2,359	679	468	1,268	1,146	989	1	2	154
California State U., Los Angeles	1,178	1,079	0	99	0	906	807	0	99	0
California State U., Maritime Academy	284	84	0	0	200	72	33	0	0	39
California State U., Monterey Bay	3,327	728	41	2,124	434	2,885	547	0	2,124	214
California State U., Northridge	1,919	1,516	1	269	133	1,366	1,073	1	201	91
California State U., Sacramento	1,593	420	124	306	743	1,120	262	26	167	665
California State U., San Bernardino	126	108	0	0	18	126	108	0	0	18
California State U., San Marcos	682	244	0	248	190	229	179	0	50	0
California State U., Stanislaus	432	342	0	5	85	422	337	0	0	85
Humboldt State U.	2,194	967	195	401	631	1,305	462	20	270	553
Naval Postgraduate School	959	388	523	48	0	314	43	271	0	0
San Diego State U.	9,853	6,308	469	2,683	393	8,516	5,010	467	2,683	356
San Francisco State U.	2,270	1,924	42	128	176	1,786	1,633	42	91	20
San Jose State U.	6,776	4,242	194	169	2,171	6,653	4,183	184	155	2,131
U. California, Berkeley	43,239	32,404	3,759	4,649	2,427	32,287	24,950	2,559	2,644	2,134
U. California, Davis	60,115	31,034	8,375	11,592	9,114	49,928	27,938	5,169	9,875	6,946
U. California, Irvine	40,749	24,236	9,427	6,590	496	33,202	21,702	5,556	5,723	221
U. California, Los Angeles	102,809	59,233	14,515	24,501	4,560	90,327	52,535	11,393	22,079	4,320

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U. California, Merced	2,161	1,244	312	303	302	1,600	1,063	312	27	198
U. California, Office of the President	0	0	0	0	0	0	0	0	0	0
U. California, Riverside	15,164	8,348	3,295	1,869	1,652	13,241	7,608	2,383	1,677	1,573
U. California, San Diego	110,624	60,336	12,830	31,661	5,797	94,070	49,461	11,540	28,731	4,338
U. California, San Francisco	122,465	51,155	6,949	58,469	5,892	109,677	46,261	6,119	51,489	5,808
U. California, Santa Barbara	32,223	18,923	5,011	7,762	527	28,576	15,927	4,704	7,423	522
U. California, Santa Cruz	11,530	8,033	569	2,761	167	9,581	6,630	569	2,215	167
Private										
Azusa Pacific U.	109	63	17	23	6	109	63	17	23	6
Biola U.	94	52	13	22	7	80	48	10	17	5
California Institute of Technology	37,799	27,953	1,844	8,002	0	33,028	24,382	1,209	7,437	0
California Lutheran U.	155	155	0	0	0	155	155	0	0	0
Chapman U.	726	515	121	90	0	600	459	121	20	0
Charles R. Drew U. of Medicine and Science	1,237	81	0	0	1,156	1,237	81	0	0	1,156
Claremont Graduate U.	674	148	0	393	133	674	148	0	393	133
Claremont McKenna C.	27	27	0	0	0	27	27	0	0	0
Harvey Mudd C.	204	150	0	54	0	204	150	0	54	0
Keck Graduate Institute	128	18	110	0	0	110	0	110	0	0
La Sierra U.	14	14	0	0	0	14	14	0	0	0
Loma Linda U.	2,561	858	1,264	44	395	2,416	800	1,185	44	387
Loyola Marymount U.	100	0	0	100	0	100	0	0	100	0
Marshall B. Ketchum U.	37	37	0	0	0	37	37	0	0	0
Mills C.	95	48	0	47	0	47	0	0	47	0
Occidental C.	2	2	0	0	0	2	2	0	0	0
Pepperdine U.	134	56	0	78	0	38	17	0	21	0
Pomona C.	161	161	0	0	0	161	161	0	0	0
Santa Clara U.	180	123	1	40	16	180	123	1	40	16
Scripps Research Institute	25,216	16,780	772	7,217	447	23,274	16,235	772	5,820	447
Stanford U.	114,984	74,636	14,286	22,841	3,221	90,097	63,542	8,924	16,673	958
Touro U.	481	481	0	0	0	481	481	0	0	0
U. of the Pacific	181	172	0	9	0	173	172	0	1	0
U. San Diego	279	201	25	53	0	265	189	23	53	0



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Public										
Delaware State U.	1,581	1,581	0	0	0	1,581	1,581	0	0	0
U. Delaware	25,304 i	15,747 i	2,428 i	3,206 i	3,923 i	24,293	14,736	2,428	3,206	3,923
District of Columbia										
Public										
National Defense U.	0	0	0	0	0	0	0	0	0	0
U. of the District of Columbia	66	66	0	0	0	66	66	0	0	0
Private										
American U.	2,366	1,204	23	1,097	42	1,488	634	19	835	0
Catholic U. of America	8,836	2,595	5,939	239	63	8,836	2,595	5,939	239	63
Gallaudet U.	236	88	0	148	0	88	88	0	0	0
George Washington U.	30,376	13,794	3,850	11,259	1,473	26,311	13,238	3,539	8,454	1,080
Georgetown U.	15,099	6,885	2,742	4,855	617	13,204	6,326	2,689	3,622	567
Howard U.	5,534	3,854	29	545	1,106	5,277	3,686	0	485	1,106
Florida										
Public										
Florida A&M U.	3,005	1,251	965	293	496	3,005	1,251	965	293	496
Florida Atlantic U.	4,875	2,418	1,245	2	1,210	4,875	2,418	1,245	2	1,210
Florida Gulf Coast U.	468	400	0	57	11	268	200	0	57	11
Florida International U.	34,269	19,500	1,863	6,661	6,245	26,740	12,527	1,847	6,236	6,130
Florida Polytechnic U.	19	15	4	0	0	6	6	0	0	0
Florida State U.	13,103	7,021	1,766	1,624	2,692	11,733	6,369	1,766	1,598	2,000
U. Central Florida	23,823 i	10,215 i	7,559 i	2,543 i	3,506 i	21,287	9,347	7,211	2,132	2,597
U. Florida	82,747	44,267	9,365	9,178	19,937	72,976	40,287	8,148	5,448	19,093
U. North Florida	5,043	2,091	111	83	2,758	3,177	1,310	40	40	1,787
U. South Florida, Saint Petersburg	2,127	74	0	0	2,053	2,127	74	0	0	2,053
U. South Florida, Sarasota-Manatee	0	0	0	0	0	0	0	0	0	0
U. South Florida, Tampa	53,144	9,334	1,670	3,168	38,972	52,375	9,021	1,613	3,108	38,633
U. West Florida	187	48	0	0	139	144	5	0	0	139
Private										
Bethune-Cookman U.	456	234	0	0	222	456	234	0	0	222
Embry-Riddle Aeronautical U.	755 i	313 i	224 i	0 i	218 i	447 i	41	199 i	0 i	207 i

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Florida Institute of Technology	3,016	742	1,329	388	557	2,750	558	1,329	306	557
Nova Southeastern U.	1,863	1,581	275	5	2	1,297	1,280	15	0	2
U. Miami	30,516	23,907	2,014	3,781	814	26,174	20,954	1,766	2,988	466
Georgia										
Public										
Albany State U.	373	117	0	0	256	117	117	0	0	0
Augusta U.	2,822	2,392	0	430	0	2,822	2,392	0	430	0
Fort Valley State U.	284	284	0	0	0	284	284	0	0	0
Georgia Institute of Technology	102,923	32,851	59,366	8,190	2,516	100,333	30,560	59,208	8,049	2,516
Georgia Southern U.	550	390	127	33	0	439	333	73	33	0
Georgia State U.	15,518	8,502	2,036	1,827	3,153	12,004	7,585	1,209	701	2,509
Kennesaw State U.	222	105	0	62	55	222	105	0	62	55
Savannah State U.	303	292	0	0	11	292	292	0	0	0
U. Georgia	30,264	9,003	2,175	166	18,920	30,126	8,878	2,164	166	18,918
U. North Georgia	413	174	0	232	7	405	174	0	231	0
Private										
Clark Atlanta U.	655	602	0	0	53	655	602	0	0	53
Emory U.	73,864	45,817	8,087	17,850	2,110	60,071	42,712	2,800	13,050	1,509
Mercer U.	7,722	844	6,878	0	0	666	498	168	0	0
Morehouse C.	211	211	0	0	0	211	211	0	0	0
Morehouse School of Medicine	4,660	4,518	40	78	24	4,410	4,410	0	0	0
Spelman C.	145	145	0	0	0	145	145	0	0	0
Hawaii										
Public										
U. Hawaii, Hilo	569	371	0	135	63	569	371	0	135	63
U. Hawaii, Manoa	19,206	7,010	820	6,788	4,588	19,033	6,965	820	6,660	4,588
U. Hawaii, system office	54	0	0	0	54	54	0	0	0	54
Private										
Hawaii Pacific U.	334	334	0	0	0	329	329	0	0	0
Idaho										
Public										
Boise State U.	7,424	3,270	3,341	232	581	7,201	3,106	3,309	232	554

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	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
Idaho State U.	6,150	2,575	3,042	74	459	5,049	2,110	2,520	0	419
U. Idaho	11,116	6,100	555	369	4,092	10,416	5,990	264	240	3,922
Illinois										
Public										
Chicago State U.	52	52	0	0	0	52	52	0	0	0
Illinois State U.	203	195	0	0	8	139	139	0	0	0
Northeastern Illinois U.	118	118	0	0	0	118	118	0	0	0
Northern Illinois U.	2,447	517	220	1,189	521	2,370	455	220	1,189	506
Southern Illinois U., Carbondale	3,582	980	628	118	1,856	3,002	824	460	0	1,718
Southern Illinois U., Edwardsville	2,320	464	197	59	1,600	2,320	464	197	59	1,600
U. Illinois, Chicago	31,170	19,716	2,655	5,342	3,457	30,955	19,521	2,645	5,332	3,457
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	43,929	29,047	10,329	3,762	791	38,669	24,980	9,921	3,480	288
Western Illinois U.	1,374	414	0	0	960	1,374	414	0	0	960
Private										
Bradley U.	212	212	0	0	0	212	212	0	0	0
DePaul U.	811	528	1	282	0	754	495	1	258	0
Erikson Institute	32	0	0	32	0	32	0	0	32	0
Illinois Institute of Technology	6,278	2,224	988	575	2,491	5,854	2,088	988	287	2,491
Loyola U., Chicago	4,393	3,282	218	652	241	3,744	2,892	209	402	241
Midwestern U.	63	63	0	0	0	63	63	0	0	0
Northwestern U.	75,384	42,515	20,291	11,777	801	53,231	38,802	5,810	8,389	230
Rosalind Franklin U. of Medicine and Science	303	297	0	0	6	303	297	0	0	6
Rush U.	14,614	9,794	0	2,183	2,637	13,594	9,272	0	1,751	2,571
Toyota Technological Institute, Chicago	485	485	0	0	0	485	485	0	0	0
U. Chicago	76,146	50,488	17,706	6,727	1,225	73,130	48,485	17,706	6,080	859
Wheaton C., Wheaton	15	15	0	0	0	15	15	0	0	0
Indiana										
Public										
Ball State U.	1,649	701	118	361	469	1,336	695	1	333	307
Indiana State U.	479	90	0	0	389	479	90	0	0	389
Indiana U., Bloomington	44,430	25,068	5,067	10,584	3,711	37,679	21,517	4,998	8,016	3,148

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Indiana U.-Purdue U., Indianapolis	5,197	2,590	437	780	1,390	4,398	2,348	408	740	902
Purdue U., Fort Wayne	413	42	55	0	316	5	0	5	0	0
Purdue U., Northwest	623	397	46	0	180	186	141	45	0	0
Purdue U., West Lafayette	68,026	31,255	9,522	8,486	18,763	40,917	27,872	8,580	3,512	953
Private										
U. Notre Dame	27,740	11,878	10,748	1,969	3,145	24,719	11,170	10,290	912	2,347
Iowa										
Public										
Iowa State U.	33,871	11,102	6,429	4,077	12,263	25,759	9,768	3,477	3,266	9,248
U. Iowa	16,693	4,160	1,729	2,865	7,939	16,693	4,160	1,729	2,865	7,939
U. Northern Iowa	897	345	0	0	552	897	345	0	0	552
Private										
Des Moines U.	143	103	21	0	19	110	103	4	0	3
Drake U.	140	140	0	0	0	110	110	0	0	0
Grinnell C.	152	152	0	0	0	84	84	0	0	0
Palmer C. of Chiropractic, Davenport	0	0	0	0	0	0	0	0	0	0
Kansas										
Public										
Fort Hays State U.	1,004	190	241	15	558	678	182	0	0	496
Kansas State U.	14,186	9,212	1,812	794	2,368	13,054	8,167	1,812	707	2,368
Pittsburg State U.	163	148	0	4	11	139	124	0	4	11
U. Kansas	34,338	10,553	5,242	5,473	13,070	31,018	9,770	4,813	4,723	11,712
Wichita State U.	2,933	1,124	303	190	1,316	2,535	1,030	303	120	1,082
Kentucky										
Public										
Eastern Kentucky U.	243	217	2	0	24	241	217	0	0	24
Kentucky State U.	138	138	0	0	0	138	138	0	0	0
Morehead State U.	889	784	0	0	105	841	784	0	0	57
Murray State U.	894	778	47	29	40	805	778	0	9	18
Northern Kentucky U.	461	438	0	0	23	461	438	0	0	23
U. Kentucky	31,563	12,017	3,788	2,465	13,293	28,558	10,212	3,347	2,010	12,989
U. Louisville	16,873	6,422	4,010	4,155	2,286	13,528	5,470	2,064	3,779	2,215





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Public										
Bowie State U.	416	416	0	0	0	416	416	0	0	0
Morgan State U.	4,751	738	710	3,303	0	4,717	704	710	3,303	0
Salisbury U.	868	667	0	201	0	700	524	0	176	0
Towson U.	697	210	240	150	97	596	195	240	64	97
U. Baltimore	3,002	122	0	170	2,710	3,002	122	0	170	2,710
U. Maryland <sup>a</sup>	120,906	36,952	9,875	47,574	26,505	75,319	34,192	8,492	14,240	18,395
U. Maryland Center for Environmental Science	4,295	1,723	328	629	1,615	3,275	1,391	10	423	1,451
U. Maryland, Baltimore County	20,042	10,947	391	786	7,918	19,992	10,897	391	786	7,918
U. Maryland, Eastern Shore	89	89	0	0	0	85	85	0	0	0
U.S. Naval Academy	0	0	0	0	0	0	0	0	0	0
Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
Private										
Johns Hopkins U. <sup>b</sup>	119,283	62,918	12,421	33,126	10,818	95,493	53,773	9,771	23,121	8,828
Massachusetts										
Public										
U. Massachusetts, Amherst	23,440	11,826	3,825	5,893	1,896	22,423	10,960	3,792	5,872	1,799
U. Massachusetts, Boston	6,885	2,768	807	2,992	318	5,534	2,628	760	1,828	318
U. Massachusetts, central office	691	444	45	202	0	126	59	6	61	0
U. Massachusetts, Dartmouth	1,710	733	46	876	55	1,703	729	43	876	55
U. Massachusetts, Lowell	7,516	3,077	1,596	1,542	1,301	6,844	2,847	1,484	1,428	1,085
U. Massachusetts, Medical School	22,186	11,892	1,424	8,743	127	20,130	10,956	1,403	7,644	127
Private										
Amherst C.	111	111	0	0	0	111	111	0	0	0
Babson C.	26	26	0	0	0	14	14	0	0	0
Boston C.	3,535	1,433	489	1,057	556	2,523	1,047	419	516	541
Boston U.	54,173	31,530	3,085	15,504	4,054	49,849	30,063	2,963	13,709	3,114
Brandeis U.	2,517	1,544	18	623	332	2,275	1,480	18	445	332
Clark U.	1,222	943	0	253	26	1,128	936	0	166	26
Emerson C.	68	58	0	10	0	58	58	0	0	0
Franklin W. Olin C. of Engineering	97	51	0	46	0	46	0	0	46	0

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
Harvard U.	106,167	46,378	4,792	24,520	30,477	88,338	42,505	4,271	17,735	23,827
Massachusetts Institute of Technology	117,475	72,796	18,624	22,312	3,743	95,190	58,202	17,827	18,685	476
MGH Institute of Health Professions	401	401	0	0	0	401	401	0	0	0
Mount Holyoke C.	494	453	0	0	41	453	453	0	0	0
New England C. of Optometry	58	58	0	0	0	58	58	0	0	0
Northeastern U.	21,774	11,743	4,523	4,918	590	20,176	10,891	4,348	4,370	567
Smith C.	1,597	656	21	870	50	815	610	0	205	0
Tufts U.	19,511	11,015	300	152	8,044	18,060	10,061	0	0	7,999
Wellesley C.	2,108	434	0	1,666	8	2,036	427	0	1,601	8
Williams C.	97	97	0	0	0	97	97	0	0	0
Woods Hole Oceanographic Institution	22,413	8,911	9,511	2,740	1,251	19,562	8,257	9,428	1,654	223
Worcester Polytechnic Institute	5,223	1,803	1,910	1,437	73	4,901	1,613	1,904	1,384	0
Michigan										
Public										
Central Michigan U.	1,544	1,084	5	319	136	1,171	983	5	57	126
Eastern Michigan U.	318	168	0	30	120	318	168	0	30	120
Grand Valley State U.	520	301	0	11	208	399	273	0	1	125
Michigan State U.	50,146	34,456	2,615	7,407	5,668	45,238	31,251	2,523	6,397	5,067
Michigan Technological U.	8,389	2,450	3,656	667	1,616	7,758	2,234	3,552	561	1,411
Northern Michigan U.	83	83	0	0	0	83	83	0	0	0
Oakland U.	663	600	60	0	3	504	492	12	0	0
Saginaw Valley State U.	677	232	0	35	410	670	232	0	35	403
U. Michigan, Ann Arbor	149,935	78,920	19,220	34,960	16,835	125,899	68,966	12,561	30,746	13,626
U. Michigan, Dearborn	701	155	129	115	302	649	155	129	63	302
U. Michigan, Flint	218	27	0	2	189	2	0	0	2	0
Wayne State U.	18,324	10,614	3,376	1,457	2,877	15,331	9,806	2,510	849	2,166
Western Michigan U. and Homer Stryker M.D. School of Medicine	1,706	882	206	465	153	1,480	658	206	465	151
Private										
Albion C.	49	49	0	0	0	49	49	0	0	0
Andrews U.	111	111	0	0	0	111	111	0	0	0
Calvin U.	371	0	0	49	322	322	0	0	0	322
Hope C.	188	0	0	188	0	188	0	0	188	0

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
Kettering U.	76	21	3	0	52	24	21	3	0	0
Lawrence Technological U.	202	68	31	103	0	99	68	31	0	0
U. Detroit Mercy	134	80	54	0	0	134	80	54	0	0
Van Andel Research Institute	1,605	1,065	465	75	0	1,605	1,065	465	75	0
Minnesota										
Public										
Minnesota State U., Mankato	364 i	170 i	50 i	49 i	95 i	324 i	155 i	44 i	43 i	82 i
St. Cloud State U.	70	6	0	0	64	41	0	0	0	41
U. Minnesota, Duluth	1,335	1,013	45	0	277	1,304	1,013	24	0	267
U. Minnesota, Morris	0	0	0	0	0	0	0	0	0	0
U. Minnesota, Twin Cities	92,353	61,777	12,400	1,359	16,817	82,445	55,034	11,926	1,170	14,315
Private										
Augsburg U.	184	184	0	0	0	184	184	0	0	0
C. of Saint Benedict	8 i	8 i	0 i	0 i	0 i	8 i	8 i	0 i	0 i	0 i
Carleton C.	369	368	0	0	1	368	368	0	0	0
Macalester C.	79	41	0	29	9	79	41	0	29	9
Saint John's U., Collegeville	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
St. Olaf C.	12	12	0	0	0	12	12	0	0	0
U. of St. Thomas (MN)	87	80	7	0	0	57	50	7	0	0
Mississippi										
Public										
Alcorn State U.	202	202	0	0	0	202	202	0	0	0
Jackson State U.	2,980	2,759	0	17	204	2,980	2,759	0	17	204
Mississippi State U.	31,006	10,805	3,129	380	16,692	30,133	10,015	3,052	380	16,686
U. Mississippi	14,721	9,700	1,827	1,898	1,296	14,505	9,634	1,827	1,754	1,290
U. Southern Mississippi	18,238	11,611	1,251	2,276	3,100	13,839	11,181	1,251	189	1,218
Private										
Tougaloo C.	353	353	0	0	0	353	353	0	0	0
Missouri										
Public										
Lincoln U., Jefferson City	388	364	24	0	0	388	364	24	0	0
Missouri State U.	782	189	251	13	329	781	188	251	13	329

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
Missouri U. of Science and Technology	15,179	2,754	8,686	2,662	1,077	7,774	1,342	4,074	1,723	635
U. Missouri, Columbia	44,610	13,997	9,512	9,593	11,508	19,342	10,863	2,884	1,392	4,203
U. Missouri, Kansas City	4,108	2,550	672	767	119	2,874	2,413	308	34	119
U. Missouri, Saint Louis	2,637	822	78	1,441	296	1,078	634	35	206	203
Private										
A. T. Still U.	301	176	0	125	0	301	176	0	125	0
Saint Louis U.	6,882	4,717	201	1,527	437	6,045	4,666	201	1,078	100
Washington U., Saint Louis	62,590	43,784	10,131	7,558	1,117	54,048	41,290	6,197	5,860	701
Montana										
Public										
Montana State U., Bozeman	12,155	6,990	1,054	3,222	889	10,317	5,942	938	2,723	714
Montana Technological U.	972	721	43	167	41	950	721	43	167	19
U. Montana, Missoula	13,462	5,544	487	486	6,945	12,036	5,285	82	0	6,669
Private										
Salish Kootenai C.	176	176	0	0	0	175	175	0	0	0
Nebraska										
Public										
U. Nebraska, central administration	224	0	34	190	0	224	0	34	190	0
U. Nebraska, Kearney	536	498	0	0	38	486	473	0	0	13
U. Nebraska, Lincoln	25,648	12,641	400	4,404	8,203	25,366	12,525	234	4,404	8,203
U. Nebraska, Medical Center	34,122	11,375	10,981	8,403	3,363	15,715	10,260	1,700	2,623	1,132
U. Nebraska, Omaha	3,252	2,281	119	810	42	3,176	2,220	115	806	35
Private										
Creighton U.	4,281	2,803	25	1,453	0	4,281	2,803	25	1,453	0
Doane U.	334	334	0	0	0	334	334	0	0	0
Nevada										
Public										
Desert Research Institute	2,717	1,283	1,257	37	140	2,491	1,181	1,202	37	71
U. Nevada, Las Vegas	9,684	1,899	3,077	1,898	2,810	7,788	1,337	2,663	1,309	2,479
U. Nevada, Reno	13,898	6,102	1,694	2,081	4,021	12,583	4,977	1,657	2,081	3,868
Private										
Roseman U. of Health Sciences	17	17	0	0	0	17	17	0	0	0





TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
Albany C. of Pharmacy and Health Sciences	536	393	98	45	0	536	393	98	45	0
Albany Medical C.	1,318	720	206	385	7	1,308	717	206	385	0
Albert Einstein C. of Medicine	22,293	17,981	2,018	2,258	36	21,014	17,337	1,965	1,689	23
Alfred U.	27	0	27	0	0	27	0	27	0	0
Barnard C.	176	159	5	12	0	159	159	0	0	0
Canisius C.	0	0	0	0	0	0	0	0	0	0
Clarkson U.	1,267	612	420	230	5	1,110	489	417	204	0
Cold Spring Harbor Laboratory	8,974	4,930	1,462	1,939	643	8,094	4,583	1,294	1,655	562
Colgate U.	242	190	0	52	0	222	170	0	52	0
Columbia U. in the City of New York	116,547	68,051	13,491	17,549	17,456	101,216	63,858	11,639	12,106	13,613
Cornell U.	87,472	51,028	4,263	30,005	2,176	75,673	44,267	4,170	25,754	1,482
Fordham U.	1,056	882	48	84	42	1,056	882	48	84	42
Hamilton C.	16	16	0	0	0	16	16	0	0	0
Hobart and William Smith Colleges	165	62	0	0	103	140	37	0	0	103
Hofstra U.	150	46	0	101	3	92	43	0	49	0
Icahn School of Medicine at Mount Sinai	50,714	32,782	1,117	14,975	1,840	45,080	29,183	1,117	13,633	1,147
Long Island U.	280	13	0	267	0	280	13	0	267	0
Manhattan C.	148	31	117	0	0	31	31	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	0	0	0	0	0	0	0	0	0	0
New School	1,538	647	135	446	310	520	398	91	31	0
New York Institute of Technology	252	10	190	52	0	252	10	190	52	0
New York Medical C.	602	582	20	0	0	602	582	20	0	0
New York U.	68,652	32,833	6,844	26,610	2,365	59,453	30,433	6,269	21,874	877
Niagara U.	467	32	0	241	194	355	32	0	241	82
Pace U.	76	75	0	1	0	76	75	0	1	0
Rensselaer Polytechnic Institute	13,231	7,149	5,732	194	156	12,406	6,943	5,269	194	0
Rochester Institute of Technology	13,563	1,928	2,188	8,778	669	6,474	1,857	2,116	1,971	530
Rockefeller U.	10,666	6,256	251	4,159	0	9,189	6,256	251	2,682	0
Skidmore C.	44	44	0	0	0	44	44	0	0	0
St. John's U., New York	191	191	0	0	0	0	0	0	0	0
Syracuse U.	6,062	4,134	1,013	800	115	5,434	3,637	1,013	744	40







TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
U. Tulsa	558	298	150	0	110	539	279	150	0	110
Oregon										
Public										
Oregon Health and Science U.	54,782	24,990	6,024	20,242	3,526	35,697	22,483	4,498	7,075	1,641
Oregon Institute of Technology	164	164	0	0	0	164	164	0	0	0
Oregon State U.	40,934	17,584	2,760	11,712	8,878	38,402	16,607	2,545	10,562	8,688
Portland State U.	6,470	3,579	950	1,098	843	5,152	2,884	821	916	531
U. Oregon	13,901	8,578	1,367	2,862	1,094	12,976	7,942	1,367	2,761	906
Private										
Lewis and Clark C.	43	43	0	0	0	35	35	0	0	0
National U. of Natural Medicine	20	20	0	0	0	20	20	0	0	0
Pacific U.	1,042	1,042	0	0	0	1,042	1,042	0	0	0
Reed C.	69	69	0	0	0	69	69	0	0	0
U. Portland	48	48	0	0	0	48	48	0	0	0
Willamette U.	93	93	0	0	0	93	93	0	0	0
Pennsylvania										
Public										
Indiana U. Pennsylvania	241	154	0	34	53	174	154	0	20	0
Pennsylvania State U., Behrend	207	163	44	0	0	142	98	44	0	0
Pennsylvania State U., Harrisburg	211	22	189	0	0	22	22	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	82,918	37,927	12,620	15,962	16,409	49,458	31,472	4,922	6,159	6,905
Temple U.	24,406	15,938	2,902	5,565	1	22,607	14,206	2,894	5,506	1
U. Pittsburgh, Pittsburgh	95,431	48,693	9,908	32,276	4,554	84,124	42,048	8,424	30,255	3,397
U.S. Army War C.	92	57	6	17	12	77	51	4	15	7
West Chester U. Pennsylvania	477	422	0	55	0	369	369	0	0	0
Private										
Allegheny C.	20	20	0	0	0	20	20	0	0	0
Bryn Mawr C.	252	181	67	4	0	252	181	67	4	0
Bucknell U.	415	189	89	91	46	381	177	89	80	35
Carnegie Mellon U.	55,419	23,625	25,072	6,707	15	51,448	20,490	24,431	6,527	0
Dickinson C.	186	39	0	93	54	167	36	0	93	38
Drexel U.	20,359	8,636	3,324	6,035	2,364	18,803	8,456	3,256	4,898	2,193

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
Duquesne U.	912	660	0	187	65	309	142	0	105	62
Franklin and Marshall C.	504	403	0	94	7	404	310	0	94	0
Gettysburg C.	56	45	0	11	0	45	45	0	0	0
Haverford C.	188	161	0	27	0	135	108	0	27	0
Lafayette C.	306	306	0	0	0	306	306	0	0	0
Lehigh U.	5,168	3,813	1,168	54	133	5,168	3,813	1,168	54	133
Mercyhurst U.	49 i	0 i	16 i	25 i	8 i	35 i	0 i	12 i	18 i	5 i
Philadelphia C. of Osteopathic Medicine	794	346	0	448	0	346	346	0	0	0
Saint Joseph's U.	84	84	0	0	0	84	84	0	0	0
Salus U.	48	46	0	2	0	48	46	0	2	0
Swarthmore C.	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson U.	9,445	5,930	1,096	2,369	50	8,437	5,573	879	1,985	0
U. of the Sciences Philadelphia	217	217	0	0	0	188	188	0	0	0
U. Pennsylvania	102,194	51,310	9,275	39,113	2,496	86,515	45,919	8,029	30,266	2,301
Villanova U.	1,085	87	244	325	429	656	87	244	325	0
Rhode Island										
Public										
Naval War C.	0	0	0	0	0	0	0	0	0	0
Rhode Island C.	1,014	682	0	0	332	1,014	682	0	0	332
U. Rhode Island	11,560	6,232	925	3,480	923	11,383	6,120	915	3,480	868
Private										
Brown U.	30,178	15,549	2,093	10,657	1,879	27,832	14,432	1,403	10,118	1,879
Providence C.	603	603	0	0	0	603	603	0	0	0
Rhode Island School of Design	243 i	209 i	0 i	0 i	34 i	209 i	209 i	0 i	0 i	0 i
Roger Williams U.	929	819	24	3	83	840	756	0	1	83
South Carolina										
Public										
C. Charleston	1,260	697	35	320	208	946	691	35	31	189
Clemson U.	19,854 i	8,618 i	2,999 i	2,959 i	5,278 i	17,953	7,918 i	2,649 i	2,596 i	4,790 i
Coastal Carolina U.	683	243	131	86	223	683	243	131	86	223
Medical U. South Carolina	21,521	12,958	5,922	2,502	139	17,088	12,181	3,504	1,273	130
South Carolina State U.	1,093	1,093	NA	NA	NA	1,093	1,093	0	0	0

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
U. South Carolina, Aiken	1,555	12	0	1,543	0	1,555	12	0	1,543	0
U. South Carolina, Columbia	27,172	9,221	3,482	3,408	11,061	26,038	8,087	3,482	3,408	11,061
Winthrop U.	459	459	0	0	0	459	459	0	0	0
Private										
Benedict C.	723	309	0	320	94	723	309	0	320	94
Claflin U.	856	856	0	0	0	856	856	0	0	0
Furman U.	816	816	0	0	0	786	786	0	0	0
South Dakota										
Public										
Black Hills State U.	969	868	0	0	101	969	868	0	0	101
Dakota State U.	172	172	0	0	0	172	172	0	0	0
South Dakota School of Mines and Technology	3,214	1,232	1,206	399	377	2,836	1,029	1,206	399	202
South Dakota State U.	8,092	3,488	440	385	3,779	5,828	2,345	330	301	2,852
U. South Dakota	2,872	2,437	42	334	59	2,281	1,855	42	325	59
Private										
Augustana U.	679	679	0	0	0	679	679	0	0	0
Tennessee										
Public										
Austin Peay State U.	48	37	0	0	11	48	37	0	0	11
East Tennessee State U.	762	568	52	142	0	714	568	52	94	0
Middle Tennessee State U.	306	187	31	10	78	296	187	31	0	78
Tennessee State U.	1,003	608	123	187	85	893	554	123	187	29
Tennessee Technological U.	2,837	665	428	737	1,007	1,964	665	347	610	342
U. Memphis	6,125	3,099	772	355	1,899	5,341	2,693	738	293	1,617
U. Tennessee, Chattanooga	692	376	57	116	143	492	339	0	48	105
U. Tennessee, Health Science Center	7,137	5,187	202	1,501	247	6,383	4,929	82	1,372	0
U. Tennessee, Knoxville	26,763	12,245	2,724	9,667	2,127	25,050	11,659	2,472	9,383	1,536
U. Tennessee, Knoxville, Institute of Agriculture	6,930	3,714	273	368	2,575	6,342	3,513	173	267	2,389
Private										
Fisk U.	541	317	224	0	0	541	317	224	0	0
Meharry Medical C.	1,867	1,800	0	67	0	1,867	1,800	0	67	0

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total						Federally financed								
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities					
Vanderbilt U. and Vanderbilt U. Medical Center	71,869	i	40,592	i	17,193	i	4,573	i	9,511	i	65,929	36,642	16,571	3,692	9,024
Texas															
Public															
Lamar U.	368		187		42		0		139		300	179	42	0	79
Prairie View A&M U.	366		265		0		87		14		366	265	0	87	14
Sam Houston State U.	638		213		0		10		415		460	212	0	10	238
Stephen F. Austin State U.	227		57		0		112		58		137	15	0	97	25
Sul Ross State U.	442		26		0		0		416		339	26	0	0	313
Tarleton State U.	1,431		122		0		0		1,309		948	122	0	0	826
Texas A&M International U.	1,596		0		0		1,596		0		1,596	0	0	1,596	0
Texas A&M U., College Station and Health Science Center	94,631		32,465		10,843		11,595		39,728		70,289	27,257	9,217	11,248	22,567
Texas A&M U.-Central Texas	226		0		0		0		226		45	0	0	0	45
Texas A&M U.-Commerce	314		314		0		0		0		15	15	0	0	0
Texas A&M U.-Corpus Christi	8,815		6,059		138		606		2,012		8,384	6,059	138	606	1,581
Texas A&M U.-Kingsville	1,049		606		0		108		335		1,049	606	0	108	335
Texas Southern U.	847		847		0		0		0		847	847	0	0	0
Texas State U.	905		709		196		0		0		824	664	160	0	0
Texas Tech U.	12,356	i	4,795	i	2,622	i	3,124	i	1,815	i	10,164	4,046	2,259	2,750	1,109
Texas Tech U., Health Sciences Center	3,690		834		817		38		2,001		1,587	712	817	38	20
Texas Tech U., Health Sciences Center, El Paso	2,821		608		0		0		2,213		409	409	0	0	0
Texas Woman's U.	70		70		0		0		0		70	70	0	0	0
U. Houston	17,538		8,479		2,276		1,137		5,646		14,744	7,641	2,258	662	4,183
U. Houston-Clear Lake	819		223		11		585		0		685	223	11	451	0
U. Houston-Downtown	525		37		0		0		488		500	37	0	0	463
U. North Texas, Denton	6,582		4,782		607		461		732		5,591	3,894	607	461	629
U. North Texas, Health Science Center	1,955		1,072		306		79		498		1,533	805	306	36	386
U. Texas Health Science Center, Houston	29,969		19,163		1,988		5,803		3,015		23,841	15,307	1,988	5,803	743
U. Texas Health Science Center, San Antonio	14,602	i	8,620	i	1,151	i	3,864	i	967	i	12,321	8,003	492	3,400	426
U. Texas Health Science Center, Tyler	0	i	0	i	0	i	0	i	0	i	0	0	0	0	0

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
U. Texas M. D. Anderson Cancer Center	34,575	15,768	8,662	10,114	31	27,736	13,471	6,192	8,065	8
U. Texas Medical Branch	19,594	9,854	4,828	2,310	2,602	16,992	9,787	4,828	2,310	67
U. Texas Rio Grande Valley	2,732	1,523	0	325	884	2,141	1,498	0	325	318
U. Texas Southwestern Medical Center	24,344	13,181	917	5,308	4,938	20,159	12,091	823	4,484	2,761
U. Texas, Arlington	9,026	5,364	1,841	838	983	8,796	5,214	1,806	838	938
U. Texas, Austin	201,369	40,077	83,008	51,365	26,919	77,524	35,426	7,370	10,977	23,751
U. Texas, Dallas	4,584	1,796	0	2,430	358	1,672	1,672	0	0	0
U. Texas, El Paso	6,731	3,964	1,251	1,057	459	6,390	3,955	1,236	853	346
U. Texas, San Antonio	5,726	3,737	511	870	608	5,157	3,724	503	600	330
U. Texas, Tyler	228	210	0	0	18	228	210	0	0	18
West Texas A&M U.	35	35	0	0	0	35	35	0	0	0
Private										
Baylor C. of Medicine	46,188	32,353	3,239	9,938	658	38,638	29,039	2,835	6,578	186
Baylor U.	2,036	1,645	179	116	96	1,575	1,419	47	97	12
Rice U.	17,895	11,600	1,722	1,837	2,736	16,767	10,733	1,722	1,701	2,611
Southern Methodist U.	4,289	2,546	326	634	783	3,981	2,409	326	463	783
St. Edward's U.	280	280	0	0	0	280	280	0	0	0
Texas Christian U.	214	181	0	33	0	214	181	0	33	0
Trinity U.	225	147	0	76	2	89	13	0	76	0
U. of the Incarnate Word	55	55	0	0	0	55	55	0	0	0
Utah										
Public										
U. Utah	43,879	24,732	5,044	5,746	8,357	43,692	24,604	4,985	5,746	8,357
Utah State U.	23,112	3,464	2,062	194	17,392	22,853	3,464	2,062	194	17,133
Private										
Brigham Young U., Provo	8,391	3,735	1,470	2,051	1,135	7,958	3,573	1,388	1,909	1,088
Vermont										
Public										
U. Vermont	18,435	12,354	1,018	3,486	1,577	17,216	11,809	971	3,382	1,054
Private										
Middlebury C.	573	573	0	0	0	573	573	0	0	0
Saint Michael's C.	755	755	0	0	0	755	755	0	0	0





TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed						
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities		
West Virginia												
Public												
Marshall U.	3,693 i	2,123 i	100 i	92 i	1,378 i	3,413	2,050	34	2	1,327		
West Virginia State U.	789	365	0	0	424	789	365	0	0	424		
West Virginia U.	23,433 i	8,026 i	7,704 i	2,129 i	5,574 i	21,474	7,497	7,137	1,730	5,110		
Wisconsin												
Public												
U. Wisconsin-Eau Claire	83	83	0	0	0	25	25	0	0	0		
U. Wisconsin-Green Bay	46 i	2 i	15 i	11 i	18 i	41 i	2 i	14 i	9 i	16 i		
U. Wisconsin-La Crosse	374	60	0	17	297	353	58	0	0	295		
U. Wisconsin-Madison	92,968	48,461	7,713	14,135	22,659	84,662	44,902	6,493	11,084	22,183		
U. Wisconsin-Milwaukee	9,705	4,840	1,187	2,270	1,408	8,524	4,588	813	1,863	1,260		
U. Wisconsin-Oshkosh	110 i	0 i	34 i	39 i	37 i	95 i	0 i	28 i	33 i	34 i		
U. Wisconsin-Platteville	47 i	26 i	3 i	6 i	12 i	39 i	22 i	2 i	5 i	10 i		
U. Wisconsin-Stevens Point	947 i	461 i	17 i	52 i	417 i	804 i	458 i	4 i	13 i	329 i		
U. Wisconsin-Superior	219	5	0	0	214	217	3	0	0	214		
Private												
Marquette U.	1,501	1,210	95	109	87	1,501	1,210	95	109	87		
Medical C. Wisconsin	18,930	9,672	2,018	6,729	511	17,272	8,499	2,006	6,355	412		
Milwaukee School of Engineering	200	200	0	0	0	200	200	0	0	0		
Wyoming												
Public												
U. Wyoming	10,010	3,334	893	710	5,073	9,829	3,334	893	710	4,892		
American Samoa												
Public												
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0		
Guam												
Public												
U. Guam	1,247	727	0	98	422	1,240	720	0	98	422		
Puerto Rico												
Public												
U. Puerto Rico, Cayey	140	140	0	0	0	140	140	0	0	0		

TABLE 75

## Total and federally financed higher education R&amp;D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From educational pass-through entities	From business	From nonprofit organizations	From other pass-through entities
U. Puerto Rico, Humacao	358	358	0	0	0	358	358	0	0	0
U. Puerto Rico, Mayaguez	1,463	8	993	417	45	8	8	0	0	0
U. Puerto Rico, Medical Sciences Campus	5,226	3,008	465	1,753	0	5,226	3,008	465	1,753	0
U. Puerto Rico, Rio Piedras	1,212	1,212	0	0	0	1,212	1,212	0	0	0
Private										
Polytechnic U. Puerto Rico	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	1,168	57	0	1,086	25	1,168	57	0	1,086	25
U. Ana G. Mendez, Cupey	608	608	0	0	0	608	608	0	0	0
U. Ana G. Mendez, Gurabo	347	347	0	0	0	347	347	0	0	0
U. Central del Caribe	1,349	887	0	0	462	1,134	887	0	0	247
Virgin Islands										
Public										
U. of the Virgin Islands	1,779	1,376	0	44	359	1,776	1,373	0	44	359

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

<sup>a</sup> The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.

<sup>b</sup> Johns Hopkins University includes the Applied Physics Laboratory, with zero in both total and federally financed R&D expenditures received as a subrecipient in FY 2019.

**Note(s):**

This table includes only institutions reporting \$1 million or more in total R&D expenditures in 2018. Institutions reporting less than \$1 million in total R&D expenditures in 2018 completed a shorter version of the survey form in FY 2019, and that form only requested R&D expenditures received from higher education institutions. For a listing of R&D expenditures received from higher education institutions at institutions completing the shorter version of the survey, see table 84.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2019.