

TABLE 83  
 Federally financed higher education R&D expenditures at institutions in the short form survey population, by state, institutional control, institution, and R&D field: FY 2019

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
United States	78,377	3,839	6,749	29,309	2,505	12,370	2,898	4,706	1,553	5,270	9,178
Public	44,358	2,395	5,561	16,278	888	6,192	726	2,308	651	3,355	6,004
Private	34,019	1,444	1,188	13,031	1,617	6,178	2,172	2,398	902	1,915	3,174
Alabama	2,443	1	243	796	95	15	0	0	0	955	338
Public	1,967	1	243	603	6	14	0	0	0	955	145
Auburn U., Montgomery	222	1	0	79	6	0	0	0	0	0	136
Troy U.	1,355	0	243	134	0	14	0	0	0	955	9
U. West Alabama	390	0	0	390	0	0	0	0	0	0	0
Private	476	0	0	193	89	1	0	0	0	0	193
Alabama C., Osteopathic Medicine	75	0	0	75	0	0	0	0	0	0	0
Oakwood U.	401	0	0	118	89	1	0	0	0	0	193
Arkansas	1,874	0	12	768	175	328	213	0	46	330	2
Public	598	0	2	146	0	185	213	0	2	50	0
Arkansas Tech U.	472	0	0	121	0	86	213	0	2	50	0
Southern Arkansas U.	126	0	2	25	0	99	0	0	0	0	0
Private	1,276	0	10	622	175	143	0	0	44	280	2
Hendrix C.	805	0	0	461	0	143	0	0	0	199	2
Ouachita Baptist U.	252	0	10	161	0	0	0	0	0	81	0
Philander Smith C.	219	0	0	0	175	0	0	0	44	0	0
California	6,037	0	868	1,083	43	967	306	1,032	19	0	1,719
Public	4,150	0	868	232	43	821	9	439	19	0	1,719
California State U., East Bay	2,651	0	118	123	38	584	9	309	19	0	1,451
Sonoma State U.	1,166	0	750	109	5	237	0	19	0	0	46
U. California, Hastings C. of Law	333	0	0	0	0	0	0	111	0	0	222
Private	1,887	0	0	851	0	146	297	593	0	0	0
Claremont School of Theology	0	0	0	0	0	0	0	0	0	0	0
Dominican U. California	705	0	0	705	0	0	0	0	0	0	0
Fielding Graduate U.	593	0	0	0	0	0	0	593	0	0	0
High Tech High Graduate School of Ed.	0	0	0	0	0	0	0	0	0	0	0
International Technological U.	0	0	0	0	0	0	0	0	0	0	0
Life Chiropractic C.-West	0	0	0	0	0	0	0	0	0	0	0
Palo Alto U.	157	0	0	0	0	0	157	0	0	0	0
Pitzer C.	140	0	0	0	0	0	140	0	0	0	0

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Point Loma Nazarene U.	28	0	0	0	0	28	0	0	0	0	0
Southern California U. of Health Sciences	71 i	0 i	0 i	71 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Westmont C.	118	0	0	0	0	118	0	0	0	0	0
Whittier C.	75	0	0	75	0	0	0	0	0	0	0
Colorado	1,494	357	27	566	0	118	0	51	0	3	372
Public	951	8	27	421	0	69	0	51	0	3	372
Colorado Mesa U.	189	8	0	115	0	0	0	51	0	3	12
Metropolitan State U. of Denver	444	0	0	15	0	69	0	0	0	0	360
Western State Colorado U.	318	0	27	291	0	0	0	0	0	0	0
Private	543	349	0	145	0	49	0	0	0	0	0
Regis U.	543	349	0	145	0	49	0	0	0	0	0
Connecticut	1,761	160	134	801	29	314	20	60	11	95	137
Public	1,104	136	134	546	2	214	0	39	0	30	3
U.S. Coast Guard Academy	565	136	134	7	2	214	0	39	0	30	3
Western Connecticut State U.	539	0	0	539	0	0	0	0	0	0	0
Private	657	24	0	255	27	100	20	21	11	65	134
Quinnipiac U.	467 i	24 i	0 i	216 i	21 i	100 i	19 i	21 i	11 i	17 i	38 i
Sacred Heart U.	134	0	0	39	0	0	0	0	0	0	95
U. Bridgeport	56 i	0 i	0 i	0 i	6 i	0 i	1 i	0 i	0 i	48 i	1 i
Florida	1,205	16	219	417	79	197	0	204	32	0	41
Public	199	0	0	113	33	53	0	0	0	0	0
New C. Florida	199	0	0	113	33	53	0	0	0	0	0
Private	1,006	16	219	304	46	144	0	204	32	0	41
Barry U.	60	0	0	60	0	0	0	0	0	0	0
Eckerd C.	162	0	92	24	46	0	0	0	0	0	0
Jacksonville U.	0	0	0	0	0	0	0	0	0	0	0
Keiser U.	0	0	0	0	0	0	0	0	0	0	0
Rollins C.	160	0	0	27	0	101	0	0	32	0	0
St. Thomas U., Miami Gardens	138	16	0	100	0	22	0	0	0	0	0
Stetson U.	372	0	127	0	0	0	0	204	0	0	41
U. Tampa	114	0	0	93	0	21	0	0	0	0	0
Georgia	1,987	96	68	592	143	224	0	463	0	0	401
Public	1,644	96	68	488	143	152	0	350	0	0	347

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Clayton State U.	298	0	0	0	10	0	0	0	0	0	288
Georgia C. and State U.	440	0	0	294	0	0	0	138	0	0	8
Georgia Gwinnett C.	377	78	0	78	78	141	0	2	0	0	0
Middle Georgia State U.	191	18	0	0	0	0	0	173	0	0	0
U. West Georgia	236	0	17	116	55	11	0	37	0	0	0
Valdosta State U.	102	0	51	0	0	0	0	0	0	0	51
Private	343	0	0	104	0	72	0	113	0	0	54
Agnes Scott C.	126	0	0	0	0	72	0	0	0	0	54
Berry C.	217	0	0	104	0	0	0	113	0	0	0
Life U.	0	0	0	0	0	0	0	0	0	0	0
Hawaii	821	367	0	449	0	0	0	0	0	5	0
Public	821	367	0	449	0	0	0	0	0	5	0
U. Hawaii, Maui C.	821	367	0	449	0	0	0	0	0	5	0
Idaho	867	37	0	386	0	35	0	291	0	118	0
Public	599	0	0	301	0	0	0	291	0	7	0
Lewis-Clark State C.	599	0	0	301	0	0	0	291	0	7	0
Private	268	37	0	85	0	35	0	0	0	111	0
Northwest Nazarene U.	268	37	0	85	0	35	0	0	0	111	0
Illinois	1,877	0	9	1,268	0	179	0	178	0	0	243
Public	1,143	0	9	1,013	0	108	0	13	0	0	0
Eastern Illinois U.	408	0	9	278	0	108	0	13	0	0	0
Governors State U.	735	0	0	735	0	0	0	0	0	0	0
Private	734	0	0	255	0	71	0	165	0	0	243
Augustana C., Rock Island	71	0	0	20	0	45	0	0	0	0	6
Benedictine U.	26	0	0	0	0	26	0	0	0	0	0
Elmhurst C.	165	0	0	0	0	0	0	165	0	0	0
Illinois C. of Optometry	98	0	0	98	0	0	0	0	0	0	0
Lake Forest C.	137	0	0	137	0	0	0	0	0	0	0
North Central C.	237	0	0	0	0	0	0	0	0	0	237
Indiana	2,703	0	18	917	358	892	63	9	87	256	103
Public	482	0	6	49	27	167	0	8	87	35	103
Indiana U., Kokomo	6	0	0	0	0	6	0	0	0	0	0
Indiana U., Northwest	148	0	0	49	0	10	0	0	87	0	2

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Indiana U., South Bend	234	0	1	0	0	134	0	8	0	0	91
Indiana U., Southeast	27	0	0	0	0	17	0	0	0	0	10
U. Southern Indiana	67	0	5	0	27	0	0	0	0	35	0
Private	2,221	0	12	868	331	725	63	1	0	221	0
Butler U.	211	0	0	113	0	98	0	0	0	0	0
DePauw U.	45	0	0	45	0	0	0	0	0	0	0
Earlham C.	19	0	0	19	0	0	0	0	0	0	0
Indiana Wesleyan U.	329	0	0	120	0	209	0	0	0	0	0
Manchester U.	333	0	0	317	0	0	16	0	0	0	0
Rose-Hulman Institute of Technology	148	0	0	0	0	0	0	0	0	148	0
Taylor U.	0	0	0	0	0	0	0	0	0	0	0
U. Evansville	180	0	0	0	180	0	0	0	0	0	0
Valparaiso U.	712	0	12	254	151	221	0	1	0	73	0
Wabash C.	244	0	0	0	0	197	47	0	0	0	0
Iowa	1,530	8	94	362	603	410	0	0	0	53	0
Private	1,530	8	94	362	603	410	0	0	0	53	0
Coe C.	353	0	0	0	0	353	0	0	0	0	0
Cornell C.	223	0	66	157	0	0	0	0	0	0	0
Dordt C.	768	8	0	104	603	0	0	0	0	53	0
Luther C.	186	0	28	101	0	57	0	0	0	0	0
Kansas	611	101	33	55	5	370	0	25	22	0	0
Public	611	101	33	55	5	370	0	25	22	0	0
Emporia State U.	611	101	33	55	5	370	0	25	22	0	0
Kentucky	88	0	0	54	3	0	0	0	27	0	4
Private	88	0	0	54	3	0	0	0	27	0	4
Centre C.	88	0	0	54	3	0	0	0	27	0	4
Louisiana	1,108	507	0	261	0	97	22	53	0	168	0
Public	968	507	0	174	0	97	22	0	0	168	0
Louisiana State U., Shreveport	366	249	0	20	0	97	0	0	0	0	0
McNeese State U.	72	0	0	25	0	0	22	0	0	25	0
Nicholls State U.	129	0	0	129	0	0	0	0	0	0	0
Southern U., New Orleans	401	258	0	0	0	0	0	0	0	143	0
Private	140	0	0	87	0	0	0	53	0	0	0

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Loyola U., New Orleans	140	0	0	87	0	0	0	53	0	0	0
Maine	298	13	30	128	8	38	7	20	5	0	49
Public	298	13	30	128	8	38	7	20	5	0	49
U. Maine Farmington	298 i	13 i	30 i	128 i	8 i	38 i	7 i	20 i	5 i	0 i	49 i
Maryland	1,138	45	20	391	26	95	32	223	160	47	99
Public	452	12	20	130	0	3	32	208	0	47	0
Coppin State U.	197	12	2	130	0	0	6	0	0	47	0
St. Mary's C. Maryland	255	0	18	0	0	3	26	208	0	0	0
Private	686	33	0	261	26	92	0	15	160	0	99
Goucher C.	207	0	0	127	0	77	0	0	0	0	3
Loyola U., Maryland	383	33	0	134	26	15	0	15	160	0	0
Maryland Institute C. of Art	96	0	0	0	0	0	0	0	0	0	96
Massachusetts	5,615	516	317	2,361	27	476	818	169	0	279	652
Public	1,467	0	10	1,452	0	5	0	0	0	0	0
Bridgewater State U.	15	0	10	0	0	5	0	0	0	0	0
Framingham State U.	1,452	0	0	1,452	0	0	0	0	0	0	0
Private	4,148	516	307	909	27	471	818	169	0	279	652
Bentley U.	78	26	15	0	0	0	0	37	0	0	0
C. of the Holy Cross	449	0	0	174	0	176	99	0	0	0	0
Hampshire C.	198	135	30	30	0	0	0	0	0	3	0
Hult International Business School	450 i	32 i	0 i	287 i	27 i	0 i	25 i	28 i	0 i	0 i	51 i
Lasell C.	0	0	0	0	0	0	0	0	0	0	0
MCPHS U.	122	0	0	24	0	0	98	0	0	0	0
Merrimack C.	581	0	0	309	0	0	0	0	0	238	34
Simmons U.	293	241	0	29	0	0	0	0	0	0	23
Stonehill C.	671	0	262	0	0	0	0	0	0	0	409
Suffolk U.	905	0	0	15	0	185	596	104	0	0	5
Western New England U.	161	82	0	41	0	0	0	0	0	38	0
Wheaton C., Norton	240	0	0	0	0	110	0	0	0	0	130
Michigan	504	0	32	251	0	117	104	0	0	0	0
Public	283	0	32	251	0	0	0	0	0	0	0
Ferris State U.	93	0	0	93	0	0	0	0	0	0	0
Lake Superior State U.	190	0	32	158	0	0	0	0	0	0	0

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Private	221	0	0	0	0	117	104	0	0	0	0
Kalamazoo C.	221 i	0 i	0 i	0 i	0 i	117 i	104 i	0 i	0 i	0 i	0 i
Minnesota	1,402	3	39	300	1	809	15	151	0	0	84
Public	338	3	0	161	1	105	15	3	0	0	50
Metropolitan State U.	77 i	3 i	0 i	56 i	1 i	8 i	2 i	3 i	0 i	0 i	4 i
Minnesota State U., Moorhead	50	0	0	13	0	0	0	0	0	0	37
U. Minnesota, Crookston	9	0	0	0	0	0	0	0	0	0	9
U. Minnesota, Rochester	34	0	0	34	0	0	0	0	0	0	0
Winona State U.	168	0	0	58	0	97	13	0	0	0	0
Private	1,064	0	39	139	0	704	0	148	0	0	34
Gustavus Adolphus C.	370	0	39	0	0	206	0	102	0	0	23
Northwestern Health Sciences U.	71 i	0 i	0 i	60 i	0 i	0 i	0 i	0 i	0 i	0 i	11 i
Saint Mary's U. Minnesota	491	0	0	0	0	491	0	0	0	0	0
St. Catherine U.	132	0	0	79	0	7	0	46	0	0	0
Mississippi	1,405	0	216	105	11	50	10	10	343	641	19
Public	1,176	0	199	0	0	2	0	0	343	632	0
Delta State U.	199	0	199	0	0	0	0	0	0	0	0
Mississippi Valley State U.	977	0	0	0	0	2	0	0	343	632	0
Private	229	0	17	105	11	48	10	10	0	9	19
Millsaps C.	229	0 i	17 i	105 i	11 i	48 i	10 i	10 i	0 i	9 i	19 i
Missouri	836	25	0	515	51	14	43	0	0	18	170
Public	730	25	0	409	51	14	43	0	0	18	170
Missouri Western State U.	141	0	0	98	0	0	43	0	0	0	0
Northwest Missouri State U.	76	25	0	0	51	0	0	0	0	0	0
Southeast Missouri State U.	233	0	0	215	0	0	0	0	0	18	0
Truman State U.	61	0	0	47	0	14	0	0	0	0	0
U. Central Missouri	219	0	0	49	0	0	0	0	0	0	170
Private	106	0	0	106	0	0	0	0	0	0	0
Kansas City U. of Medicine and Biosciences	106	0	0	106	0	0	0	0	0	0	0
Logan U.	0	0	0	0	0	0	0	0	0	0	0
Montana	463	0	0	398	0	0	0	0	0	0	65
Public	463	0	0	398	0	0	0	0	0	0	65
Montana State U., Billings	435	0	0	370	0	0	0	0	0	0	65

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Montana State U., Northern	28	0	0	28	0	0	0	0	0	0	0
Nevada	898	0	56	637	0	0	0	2	0	0	203
Public	898	0	56	637	0	0	0	2	0	0	203
C. Southern Nevada	198	0	0	186	0	0	0	2	0	0	10
Nevada State C.	700	0	56	451	0	0	0	0	0	0	193
New Hampshire	744	0	546	187	0	0	0	7	0	0	4
Public	744	0	546	187	0	0	0	7	0	0	4
Plymouth State U.	744	0	546	187	0	0	0	7	0	0	4
New Jersey	3,345	294	0	1,399	16	513	534	250	138	27	174
Public	2,578	163	0	1,399	16	513	36	250	0	27	174
C. New Jersey	985	0	0	466	0	377	0	0	0	27	115
Kean U.	1,289	66	0	933	16	136	36	43	0	0	59
Ramapo C. New Jersey	304	97	0	0	0	0	0	207	0	0	0
Private	767	131	0	0	0	0	498	0	138	0	0
Fairleigh Dickinson U.	767	131	0	0	0	0	498	0	138	0	0
New Mexico	1,946	33	507	231	0	649	0	3	32	491	0
Public	1,946	33	507	231	0	649	0	3	32	491	0
Eastern New Mexico U., Portales	237	0	0	231	0	0	0	3	0	3	0
New Mexico Highlands U.	1,128	19	460	0	0	649	0	0	0	0	0
Northern New Mexico C.	581	14	47	0	0	0	0	0	32	488	0
New York	4,693	287	157	1,507	144	1,696	60	318	101	82	341
Public	1,334	0	129	372	72	436	0	15	0	0	310
SUNY, C. Cortland	397	0	0	84	0	239	0	0	0	0	74
SUNY, Delhi	166	0	0	163	0	0	0	0	0	0	3
SUNY, New Paltz	208	0	23	15	72	83	0	15	0	0	0
SUNY, Oneonta	428	0	106	76	0	13	0	0	0	0	233
SUNY, Potsdam	135	0	0	34	0	101	0	0	0	0	0
Private	3,359	287	28	1,135	72	1,260	60	303	101	82	31
Adelphi U.	292	0	0	52	0	240	0	0	0	0	0
Bard C.	63	31	0	0	0	18	14	0	0	0	0
Cooper Union for the Advancement of Science and Art	213	0	14	117	0	0	0	0	0	82	0
D'Youville C.	174	0	0	0	0	13	39	122	0	0	0

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Ithaca C.	1,330	23	0	549	64	522	0	172	0	0	0
Le Moyne C.	0	0	0	0	0	0	0	0	0	0	0
Marist C.	210	155	0	55	0	0	0	0	0	0	0
New York Chiropractic C.	3	0	0	3	0	0	0	0	0	0	0
New York Law School	15	0	0	0	0	0	0	0	0	0	15
Sarah Lawrence C.	93	0	0	93	0	0	0	0	0	0	0
Siena C.	550	78	0	0	8	464	0	0	0	0	0
St. Bonaventure U.	243	0	0	126	0	0	0	0	101	0	16
St. Lawrence U.	36	0	14	3	0	3	7	9	0	0	0
Touro C.	137	0	0	137	0	0	0	0	0	0	0
Utica C.	0	0	0	0	0	0	0	0	0	0	0
North Carolina	1,782	141	301	0	337	599	0	0	14	0	390
Public	1,782	141	301	0	337	599	0	0	14	0	390
Elizabeth City State U.	1,183	141	301	0	337	0	0	0	14	0	390
U. North Carolina, Pembroke	599	0	0	0	0	599	0	0	0	0	0
North Dakota	876	0	0	810	0	30	0	36	0	0	0
Public	518	0	0	518	0	0	0	0	0	0	0
Mayville State U.	280	0	0	280	0	0	0	0	0	0	0
Minot State U.	238	0	0	238	0	0	0	0	0	0	0
Private	358	0	0	292	0	30	0	36	0	0	0
United Tribes Technical C.	358	0	0	292	0	30	0	36	0	0	0
Ohio	1,286	16	26	229	37	374	125	185	0	66	228
Private	1,286	16	26	229	37	374	125	185	0	66	228
Baldwin Wallace U.	10	0	0	10	0	0	0	0	0	0	0
Denison U.	240	16	0	5	0	219	0	0	0	0	0
John Carroll U.	480	0	0	67	0	0	0	185	0	0	228
Ohio Northern U.	195	0	4	0	0	0	125	0	0	66	0
Ohio Wesleyan U.	239	0	0	147	37	55	0	0	0	0	0
Wittenberg U.	122	0	22	0	0	100	0	0	0	0	0
Oklahoma	951	167	130	353	48	126	8	28	36	55	0
Public	951	167	130	353	48	126	8	28	36	55	0
East Central U.	373	i 26	i 130	i 51	i 48	i 54	i 0	i 28	i 36	i 0	i 0
Northeastern State U.	360	77	0	277	0	6	0	0	0	0	0

TABLE 83  
 Federally financed higher education R&D expenditures at institutions in the short form survey population, by state, institutional control, institution, and R&D field: FY 2019

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Southwestern Oklahoma State U.	218	64	0	25	0	66	8	0	0	55	0
Oregon	783	0	237	24	0	297	0	82	0	0	143
Public	616	0	237	0	0	297	0	82	0	0	0
Eastern Oregon U.	381	0	213	0	0	157	0	11	0	0	0
Southern Oregon U.	235	0	24	0	0	140	0	71	0	0	0
Private	167	0	0	24	0	0	0	0	0	0	143
Linfield C.	167	0	0	24	0	0	0	0	0	0	143
Pennsylvania	4,988	275	409	2,190	169	541	202	214	70	502	416
Public	2,721	248	354	800	31	438	202	0	70	266	312
Bloomsburg U. Pennsylvania	218	23	0	195	0	0	0	0	0	0	0
East Stroudsburg U. Pennsylvania	460	0	0	228	0	0	202	0	0	0	30
Kutztown U. Pennsylvania	337	189	0	13	0	117	0	0	0	0	18
Millersville U. Pennsylvania	574	0	241	123	0	140	0	0	70	0	0
Pennsylvania State U., Altoona	134	17	0	2	0	1	0	0	0	114	0
Pennsylvania State U., Beaver	256	0	0	0	0	0	0	0	0	0	256
Pennsylvania State U., Berks	261	19	0	42	0	147	0	0	0	53	0
Pennsylvania State U., Brandywine	218	0	13	155	0	33	0	0	0	9	8
Pennsylvania State U., Great Valley School of Graduate Professional Studies	90	0	0	0	0	0	0	0	0	90	0
Shippensburg U. Pennsylvania	116	0	75	10	31	0	0	0	0	0	0
Slippery Rock U. Pennsylvania	57	0	25	32	0	0	0	0	0	0	0
Private	2,267	27	55	1,390	138	103	0	214	0	236	104
Arcadia U.	341	20	0	258	8	0	0	0	0	0	55
Bryn Athyn C.	0	0	0	0	0	0	0	0	0	0	0
Gannon U.	18	0	0	0	0	0	0	0	0	18	0
Juniata C.	365	0	0	365	0	0	0	0	0	0	0
La Salle U.	45	0	0	45	0	0	0	0	0	0	0
Lake Erie C. of Osteopathic Medicine	0	0	0	0	0	0	0	0	0	0	0
Messiah C.	5	0	0	0	5	0	0	0	0	0	0
Moravian C.	73	0	0	0	42	0	0	31	0	0	0
Muhlenberg C.	194	0	0	4	48	0	0	142	0	0	0
Saint Francis U.	25	7	0	0	0	0	0	0	0	18	0
Susquehanna U.	70	0	0	57	0	0	0	4	0	0	9

TABLE 83  
 Federally financed higher education R&D expenditures at institutions in the short form survey population, by state, institutional control, institution, and R&D field: FY 2019

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Scranton	127	0	0	127	0	0	0	0	0	0	0
Ursinus C.	565	0	0	403	35	103	0	0	0	0	24
Widener U., Chester	342	0	55	50	0	0	0	37	0	200	0
Wilkes U.	97	0	0	81	0	0	0	0	0	0	16
Rhode Island	724	0	148	486	0	67	0	23	0	0	0
Private	724	0	148	486	0	67	0	23	0	0	0
Bryant U.	234	0	148	86	0	0	0	0	0	0	0
Salve Regina U.	490	0	0	400	0	67	0	23	0	0	0
South Carolina	1,928	41	0	496	0	331	86	0	0	239	735
Public	1,323	41	0	149	0	73	86	0	0	239	735
Citadel Military C. South Carolina	835	21	0	19	0	35	18	0	0	109	633
Francis Marion U.	236	0	0	130	0	38	68	0	0	0	0
U. South Carolina Upstate	154	20	0	0	0	0	0	0	0	130	4
U. South Carolina, Beaufort	98	0	0	0	0	0	0	0	0	0	98
Private	605	0	0	347	0	258	0	0	0	0	0
Coker C.	347	0	0	347	0	0	0	0	0	0	0
Converse C.	258	0	0	0	0	258	0	0	0	0	0
South Dakota	993	0	570	310	0	0	0	0	0	113	0
Public	811	0	570	128	0	0	0	0	0	113	0
Northern State U.	128	0	0	128	0	0	0	0	0	0	0
Oglala Lakota C.	683	0	570	0	0	0	0	0	0	113	0
Private	182	0	0	182	0	0	0	0	0	0	0
Dakota Wesleyan U.	182	0	0	182	0	0	0	0	0	0	0
Tennessee	136	0	10	113	0	0	0	13	0	0	0
Public	88	0	0	88	0	0	0	0	0	0	0
U. Tennessee, Martin	88	0	0	88	0	0	0	0	0	0	0
Private	48	0	10	25	0	0	0	13	0	0	0
Sewanee: U. of the South	34	0	10	11	0	0	0	13	0	0	0
Southern C. of Optometry	14	0	0	14	0	0	0	0	0	0	0
Texas	2,559	16	8	1,488	5	386	0	212	76	135	233
Public	1,278	16	8	902	5	0	0	194	0	13	140
Angelo State U.	32	0	0	19	0	0	0	0	0	13	0
Midwestern State U.	619	0	8	606	5	0	0	0	0	0	0

TABLE 83  
 Federally financed higher education R&D expenditures at institutions in the short form survey population, by state, institutional control, institution, and R&D field: FY 2019

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Texas A&M U.-San Antonio	31	16	0	15	0	0	0	0	0	0	0
U. Houston system administration	0	0	0	0	0	0	0	0	0	0	0
U. Texas of the Permian Basin	596	0	0	262	0	0	0	194	0	0	140
Private	1,281	0	0	586	0	386	0	18	76	122	93
Abilene Christian U.	382	0	0	0	0	382	0	0	0	0	0
Austin C.	100	0	0	6	0	0	0	18	76	0	0
LeTourneau U.	58	0	0	0	0	0	0	0	0	58	0
Southwestern U.	4	0	0	0	0	4	0	0	0	0	0
St. Mary's U., San Antonio	737	0	0	580	0	0	0	0	0	64	93
Texas Chiropractic C.	0	i	i	0	i	0	i	0	i	0	i
Utah	1,175	18	661	108	56	81	53	9	0	91	98
Public	1,175	18	661	108	56	81	53	9	0	91	98
Southern Utah U.	673	0	591	49	0	24	0	0	0	9	0
Utah Valley U.	122	0	0	28	0	41	53	0	0	0	0
Weber State U.	380	18	70	31	56	16	0	9	0	82	98
Vermont	768	0	123	28	0	0	0	12	0	0	605
Private	768	0	123	28	0	0	0	12	0	0	605
Norwich U.	768	0	123	28	0	0	0	12	0	0	605
Virginia	1,238	70	90	414	8	73	0	183	0	9	391
Public	842	70	4	188	0	73	0	108	0	9	390
Longwood U.	236	0	0	0	0	0	0	0	0	0	236
Radford U.	372	70	4	188	0	2	0	108	0	0	0
Virginia Military Institute	234	0	0	0	0	71	0	0	0	9	154
Private	396	0	86	226	8	0	0	75	0	0	1
Eastern Mennonite U.	181	0	0	181	0	0	0	0	0	0	0
Ferrum C.	0	0	0	0	0	0	0	0	0	0	0
Roanoke C.	14	0	14	0	0	0	0	0	0	0	0
Washington and Lee U.	201	0	72	45	8	0	0	75	0	0	1
Washington	2,597	114	207	1,301	24	298	159	27	0	0	467
Public	405	114	197	94	0	0	0	0	0	0	0
Evergreen State C.	405	114	197	94	0	0	0	0	0	0	0
Private	2,192	0	10	1,207	24	298	159	27	0	0	467
Bastyr U.	50	0	0	50	0	0	0	0	0	0	0

TABLE 83  
 Federally financed higher education R&D expenditures at institutions in the short form survey population, by state, institutional control, institution, and R&D field: FY 2019

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Gonzaga U.	45	0	0	36	5	4	0	0	0	0	0
Pacific Lutheran U.	57	0	0	0	19	38	0	0	0	0	0
Pacific Northwest U. of Health Sciences	743	0	0	743	0	0	0	0	0	0	0
Seattle Pacific U.	647	0	0	21	0	0	159	0	0	0	467
U. Puget Sound	547	0	10	343	0	168	0	26	0	0	0
Whitworth U.	103	0	0	14	0	88	0	1	0	0	0
West Virginia	1,796	0	0	1,413	0	0	0	0	275	0	108
Public	1,521	0	0	1,413	0	0	0	0	0	0	108
Bluefield State C.	593	0	0	485	0	0	0	0	0	0	108
West Liberty U.	514	0	0	514	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	414	0	0	414	0	0	0	0	0	0	0
Private	275	0	0	0	0	0	0	0	275	0	0
Future Generations U.	0	0	0	0	0	0	0	0	0	0	0
Wheeling Jesuit U.	275	0	0	0	0	0	0	0	275	0	0
Wisconsin	1,933	115	101	815	4	525	18	137	0	101	117
Public	1,597	115	97	563	4	490	0	137	0	101	90
U. Wisconsin-Parkside	95	0	95	0	0	0	0	0	0	0	0
U. Wisconsin-River Falls	559	0	0	166	0	348	0	13	0	32	0
U. Wisconsin-Stout	341	114	0	34	0	0	0	124	0	69	0
U. Wisconsin-Whitewater	602	1	2	363	4	142	0	0	0	0	90
Private	336	0	4	252	0	35	18	0	0	0	27
Alverno C.	0	0	0	0	0	0	0	0	0	0	0
Beloit C.	33	0	1	32	0	0	0	0	0	0	0
Concordia U., Wisconsin	222	0	0	187	0	35	0	0	0	0	0
Lawrence U.	81	0	3	33	0	0	18	0	0	0	27
St. Norbert C.	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	2,171	0	83	1,546	0	39	0	26	59	391	27
Public	786	0	83	629	0	0	0	26	21	0	27
U. Puerto Rico, Aguadilla	235	0	83	89	0	0	0	15	21	0	27
U. Puerto Rico, Ponce	551	0	0	540	0	0	0	11	0	0	0
Private	1,385	0	0	917	0	39	0	0	38	391	0
Pontifical Catholic U. Puerto Rico, Ponce	85	0	0	1	0	39	0	0	38	7	0

TABLE 83  
**Federally financed higher education R&D expenditures at institutions in the short form survey population, by state, institutional control, institution, and R&D field: FY 2019**

(Dollars in thousands)

<b>State, institutional control, and institution</b>	<b>All R&amp;D expenditures</b>	<b>Computer and information sciences</b>	<b>Geosciences, atmospheric sciences, and ocean sciences</b>	<b>Life sciences</b>	<b>Mathematics and statistics</b>	<b>Physical sciences</b>	<b>Psychology</b>	<b>Social sciences</b>	<b>Sciences nec</b>	<b>Engineering</b>	<b>All non-S&amp;E fields</b>
San Juan Bautista School of Medicine	604	0	0	604	0	0	0	0	0	0	0
U. Ana G. Mendez, Carolina	696	0	0	312	0	0	0	0	0	384	0

i = imputed.

nec = not elsewhere classified; S&E = science and engineering.

**Source(s):**

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