	Rece	eived as a	Passed through to subrecipients				
State, institutional control, and institution	Total	Federally financed		Nonfederally financed	Total	Federally financed	Nonfederall financed
United States	20,353	17,683	-	2,670	3,246	2,875	371
Alabama	20,000	17,000	_	2,070	0,210	2,070	0,1
Public							
Auburn U., Montgomery	0	0	_	0	0	0	0
Troy U.	72	71	_	1	26	26	0
U. West Alabama	9	9	_	0	0	0	0
Private			_		0	0	0
Alabama C., Osteopathic Medicine	0	0	-	0	0	0	0
Oakwood U.	117	62	-	55	0	0	0
Arkansas		02	_	55	0	0	0
Public			_				
Arkansas Tech U.	0	0	_	0	0	0	0
Southern Arkansas U.	126	126	_	0	0	0	0
Private	120	120	_	0	0	U	0
Hendrix C.	398	398	_	0	0	0	0
Ouachita Baptist U.	172		i	0 i		i 0 i	0 i
Philander Smith C.	44	44	-		0		0
California	44	44	_	0	U	U	0
			_				
Public	1 0 1 0	0(0	_	1.045	440	010	100
California State U., East Bay	1,313	268	_	1,045	442	319	123
Sonoma State U.	125	93		32	89	89	0
U. California, Hastings C. of Law	0	i 0	1	0 i	0	i O i	0 i
Private			_				
Claremont School of Theology	0	0		0	0	0	0
Dominican U. California		i 49	i	0 i	0		0 i
Fielding Graduate U.	23	23	_	0	0	0	0
High Tech High Graduate School of Ed.	0	0	_	0	0	0	0
International Technological U.		i 0	i	0 i		i 0 i	0 i
Life Chiropractic CWest		i 0	i	0 i		i 0 i	0 i
Palo Alto U.	157	157		0	0	0	0
Pitzer C.	0	0		0	0	0	0
Point Loma Nazarene U.	0	0		0	28	28	0
Southern California U. of Health Sciences	10	i 9	i	1 i	4	i 4 i	0 i
Westmont C.	0	0		0	0	0	0
Whittier C.	75	75		0	0	0	0
Colorado							
Public							
Colorado Mesa U.	55	55		0	0	0	0
Metropolitan State U. of Denver	1	1		0	18	18	0
Western State Colorado U.	50	43		7	0	0	0
Private							
Regis U.	7	7		0	124	124	0
Connecticut							
Public							
U.S. Coast Guard Academy	132	0		132	0	0	0
Western Connecticut State U.	0	0		0	181	181	0
Private							
Quinnipiac U.	66	i 63	j	3 i	41	i 38 i	3 i

	Rece	ived as a s	Passed through to subrecipients					
State, institutional control, and institution	Total	Federally financed		Nonfederally financed	Total	Federally financed	Nonfederally financed	
Sacred Heart U.	35	35		0	0	0	0	
U. Bridgeport	65		i	13 i	0 i	0 i	0 i	
Florida								
Public								
New C. Florida	41	29		12	0	0	0	
Private								
Barry U.	0	0		0	0	0	0	
Eckerd C.	164	6		158	0	0	0	
Jacksonville U.	0	0		0	0	0	0	
Keiser U.	0	0		0	0	0	0	
Rollins C.	32	32		0	0	0	0	
St. Thomas U., Miami Gardens	138	138		0	0	0	0	
Stetson U.	101	101	1	0	0	0	0	
U. Tampa	12	12	1	0	0	0	0	
Georgia			-					
Public								
Clayton State U.	298	298		0	0	0	0	
Georgia C. and State U.	13	13	-	0	1	1	0	
Georgia Gwinnett C.	2	2	-	0	0	0	0	
Middle Georgia State U.	0	0	-	0	0	0	0	
U. West Georgia	75	70		5	2	2	0	
Valdosta State U.	51	51		0	7	7	0	
Private								
Agnes Scott C.	39	39		0	0	0	0	
Berry C.	13	13		0	0	0	0	
Life U.	0	0		0	0	0	0	
Hawaii								
Public								
U. Hawaii, Maui C.	0	0	+	0	0	0	0	
Idaho			+					
Public								
Lewis-Clark State C.	308	308	+	0	171	171	0	
Private			+					
Northwest Nazarene U.	214	214	+	0	17	17	0	
Illinois			+					
Public			+					
Eastern Illinois U.	56	56	+	0	0	0	0	
Governors State U.	45	45	+	0	0	0	0	
Private			+					
Augustana C., Rock Island	14	14	+	0	0	0	0	
Benedictine U.	0	0	+	0	0	0	0	
Elmhurst C.	0	0	+	0	0	0	0	
Illinois C. of Optometry	0	0	+	0	0	0	0	
Lake Forest C.	0		i	0 i	0 i		0 i	
North Central C.	237	237	•	0	0	0	0	
Indiana	237	237	+	U	0	U	0	
Public			+					
Indiana U., Kokomo	6	6	+	0	0	0	0	

	Rece	ived as a ຣເ	Passed through to subrecipients			
State, institutional control, and institution	Total	Federally financed	Nonfederally financed	Total	Federally financed	Nonfederally financed
Indiana U., Northwest	28	28	0	0	0	0
Indiana U., South Bend	20	20	0	27	27	0
Indiana U., Southeast	10	10	0	0	0	0
U. Southern Indiana	54	54	0	0	0	0
Private						
Butler U.	49	49	0	0	0	0
DePauw U.	0	0	0	0	0	0
Earlham C.	11	11	0	0	0	0
Indiana Wesleyan U.	0	0	0	0	0	0
Manchester U.	0	0	0	0	0	0
Rose-Hulman Institute of Technology	111	111	0	4	4	0
Taylor U.	0	0	0	0	0	0
U. Evansville	0	0	0	0	0	0
Valparaiso U.	76	76	0	11	0	11
Wabash C.	0	0	0	0	0	0
lowa						
Private						
Coe C.	0	0	0	0	0	0
Cornell C.	0		0 i	0 i		0 i
Dordt C.	0	0	0	77	77	0
Luther C.	60	54	6	0	0	0
Kansas	00	54	0	0	0	0
Public						
Emporia State U.	178	178	0	0	0	0
Kentucky	170	170	0	0	0	0
Private						
Centre C.	0	0	0	0.4	84	0
Louisiana	0	U	0	84	64	0
Public						
	0(0	0(0	0	0	0	0
Louisiana State U., Shreveport McNeese State U.	363 50	363	0	0	0	0
		50	0	0	0	0
Nicholls State U.	124	41	83	48	22	26
Southern U., New Orleans	250	250	0	0	0	0
Private	40	40		0	-	-
Loyola U., New Orleans	43	43	0	0	0	0
Maine						
Public						
U. Maine Farmington	30	i 27 i	3 i	12 i	10 i	2 i
Maryland						
Public						
Coppin State U.	210	192	18	0	0	0
St. Mary's C. Maryland	0	0	0	0	0	0
Private						
Goucher C.	57	0	57	0	0	0
Loyola U., Maryland	70	47	23	0	0	0
Maryland Institute C. of Art	60	14	46	0	0	0
Massachusetts						

Higher education R&D expenditures received from and passed through to other U.S. higher education institutions, at institutions in the short form survey population, by state, institutional control, institution, and source of funds: FY 2019 (Dollars in thousands)

Passed through to **Received as a subrecipient** subrecipients Federally Nonfederally Federally Nonfederally State, institutional control, and institution Total financed financed Total financed financed Bridgewater State U. Framingham State U. Private Bentley U. C. of the Holy Cross Hampshire C. Hult International Business School i i i i i Lasell C. MCPHS U. Merrimack C. Simmons U. Stonehill C. Suffolk U. Western New England U. Wheaton C., Norton Michigan Public Ferris State U. Lake Superior State U. Private Kalamazoo C. 0 i 0 i 0 i 0 i 0 i 0 i Minnesota Public Metropolitan State U. 5 i 4 i i 5 i 5 i i Minnesota State U., Moorhead U. Minnesota, Crookston U. Minnesota, Rochester Winona State U. Private Gustavus Adolphus C. Northwestern Health Sciences U. i 9 i i i i i Saint Mary's U. Minnesota St. Catherine U. Mississippi Public Delta State U. Mississippi Valley State U. Private Millsaps C. 136 i 136 i 0 i 0 i 0 i 0 i Missouri Public Missouri Western State U. Northwest Missouri State U. Southeast Missouri State U. Truman State U. **U. Central Missouri** Private Kansas City U. of Medicine and Biosciences

	Rece	ived as a su	Passed through to subrecipients			
State, institutional control, and institution	Total	Federally financed	Nonfederally financed	Total	Federally financed	Nonfederally financed
Logan U.	0	0	0	0	0	0
Montana						
Public						
Montana State U., Billings	302	302	0	0	0	0
Montana State U., Northern	28	28	0	0	0	0
Nevada						
Public						
C. Southern Nevada	232	198	34	0	0	0
Nevada State C.	475	475	0	11	11	0
New Hampshire						
Public						
Plymouth State U.	430	396	34	0	0	0
New Jersey					-	
Public						
C. New Jersey	70	39	31	28	28	0
Kean U.	470	470	0	0	0	0
Ramapo C. New Jersey	0	0	0	0	0	0
Private						
Fairleigh Dickinson U.	164	164	0	157	157	0
New Mexico				107	107	
Public						
Eastern New Mexico U., Portales	180	180	0	0	0	0
New Mexico Highlands U.	141	0	141	0	0	0
Northern New Mexico C.	440	440	0	141	141	0
New York	440	440	0	141	141	0
Public						
SUNY, C. Cortland	206	107	99	0	0	0
SUNY, Delhi	0	0	99	0	0	0
	44	36	8		0	25
SUNY, New Paltz				25		
SUNY, Oneonta	0	0	0	0	0	0
SUNY, Potsdam	0	0	0	0	0	0
Private				-	-	
Adelphi U.	0	0	0	0	0	0
Bard C.	0	0	0	0	0	0
Cooper Union for the Advancement of Science and Art	122	122	0	0	0	0
D'Youville C.	0	0	0	0	0	0
Ithaca C.	793	793	0	44	44	0
Le Moyne C.	0	0	0	0	0	0
Marist C.	0	0	0	0	0	0
New York Chiropractic C.	3	3	0	0	0	0
New York Law School	0	0	0	0	0	0
Sarah Lawrence C.	0	0	0	0	0	0
Siena C.	81	81	0	0	0	0
St. Bonaventure U.	0	0	0	0	0	0
St. Lawrence U.	0	0	0	0	0	0
Touro C.	102	102	0	0	0	0
Utica C.	0	0	0	0	0	0

	Rece	ived as a sı	Passed through to subrecipients			
State, institutional control, and institution	Total	Federally financed	Nonfederally financed	Total	Federally financed	Nonfederally financed
Public						
Elizabeth City State U.	335	335	0	0	0	0
U. North Carolina, Pembroke	0	0	0	0	0	0
North Dakota						
Public						
Mayville State U.	292	280	12	0	0	0
Minot State U.	238	238	0	0	0	0
Private						
United Tribes Technical C.	71	71	0	0	0	0
Ohio						
Private						
Baldwin Wallace U.	0	0	0	0	0	0
Denison U.	0	0	0	0	0	0
John Carroll U.	0	0	0	0	0	0
Ohio Northern U.	0	0	0	0	0	0
Ohio Wesleyan U.	0	0	0	68	68	0
Wittenberg U.	22	22	0	0	0	0
Oklahoma					-	
Public						
East Central U.	72	i 70 i	2 i	11 i	11 i	0 i
Northeastern State U.	284	283	1	66	66	0
Southwestern Oklahoma State U.	0	0	0	0	0	0
Oregon						
Public						
Eastern Oregon U.	0	0	0	0	0	0
Southern Oregon U.	116	76	40	0	0	0
Private	110	70		0	0	0
Linfield C.	49	49	0	0	0	0
Pennsylvania	49	45	0	0	0	0
Public						
Bloomsburg U. Pennsylvania	195	195	0	0	0	0
East Stroudsburg U. Pennsylvania	0	0	0	0	0	0
- · ·		31		-	-	-
Kutztown U. Pennsylvania Millersville U. Pennsylvania	31	0	0	0	0	0
•						
Pennsylvania State U., Altoona	3	3	0	0	0	0
Pennsylvania State U., Beaver	256	256	0	0	0	0
Pennsylvania State U., Berks	6	6	0	0	0	0
Pennsylvania State U., Brandywine	0	0	0	0	0	0
Pennsylvania State U., Great Valley School of Graduate Professional Studies	0	0	0	0	0	0
Shippensburg U. Pennsylvania	31	31	0	0	0	0
Slippery Rock U. Pennsylvania	15	13	2	0	0	0
Private					ļ	
Arcadia U.	306	306	0	2	2	0
Bryn Athyn C.	0	0	0	0	0	0
Gannon U.	11	11	0	0	0	0
Juniata C.	34	33	1	36	36	0
La Salle U.	19	19	0	3	3	0

	Rece	ived as a ຣເ	Passed through to subrecipients			
State, institutional control, and institution	Total	Federally financed	Nonfederally financed	Total	Federally financed	Nonfederally financed
Lake Erie C. of Osteopathic Medicine	0	0	0	0	0	0
Messiah C.	5	5	0	0	0	0
Moravian C.	31	31	0	0	0	0
Muhlenberg C.	13	13	0	0	0	0
Saint Francis U.	12	0	12	0	0	0
Susquehanna U.	23	23	0	0	0	0
U. Scranton	0	0	0	0	0	0
Ursinus C.	28	28	0	0	0	0
Widener U., Chester	0	0	0	0	0	0
Wilkes U.	16	16	0	0	0	0
Rhode Island						
Private						
Bryant U.	234	234	0	0	0	0
Salve Regina U.	349	344	5	0	0	0
South Carolina			-			-
Public						
Citadel Military C. South Carolina	146	146	0	0	0	0
Francis Marion U.	0	0	0	0	0	0
U. South Carolina Upstate	35	35	0	36	36	0
U. South Carolina, Beaufort	0	0	0	0	0	0
Private	0	0	0	0	0	0
Coker C.	12	12	0	176	176	0
Converse C.	132	132	0	0	0	0
South Dakota	132	132	0	0	0	0
Public						
Northern State U.	128	128	0	0	0	0
	128	128	0	0	0	0
Oglala Lakota C. Private	115	115	U	0	U	U
	100	100	0	0	0	0
Dakota Wesleyan U.	182	182	0	0	0	0
Tennessee						
Public		•		40	40	
U. Tennessee, Martin	0	i O	0 i	43	43	0
Private					10	
Sewanee: U. of the South	2	0	2	13	13	0
Southern C. of Optometry	0	0	0	0	0	0
Texas						
Public						
Angelo State U.	0	0	0	17	0	17
Midwestern State U.	5	5	0	0	0	0
Texas A&M USan Antonio	65	31	34	0	0	0
U. Houston system administration	0	0	0	0	0	0
U. Texas of the Permian Basin	24	0	24	0	0	0
Private						
Abilene Christian U.	142	142	0	0	0	0
Austin C.	18	18	0	0	0	0
LeTourneau U.	0	0	0	0	0	0
Southwestern U.	4	4	0	0	0	0
St. Mary's U., San Antonio	126	126	0	0	0	0

	Rece	ived as a s	Passed through to subrecipients				
State, institutional control, and institution	Total	Federally financed		Nonfederally financed	Total	Federally financed	Nonfedera financed
Texas Chiropractic C.		i 0	i	0 i	0	i O i	0 i
Utah							
Public							
Southern Utah U.	0	0		0	10	10	0
Utah Valley U.	10	10		0	0	0	0
Weber State U.	219	i 219	i	0 i	160	i 118	42 i
Vermont							
Private							
Norwich U.	643	575		68	0	0	0
Virginia							
Public							
Longwood U.	0	0		0	0	0	0
Radford U.	72	72		0	64	38	26
Virginia Military Institute	0	0	+	0	0	0	0
Private			+				
Eastern Mennonite U.	28	0	-	28	0	0	0
Ferrum C.	0	0	-	0	0	0	0
Roanoke C.	14	14	+	0	0	0	0
Washington and Lee U.	50	50	-	0	25	25	0
Washington		00	+		20	20	0
Public			-				
Evergreen State C.	66	0	+	66	37	23	14
Private	00	U	-	00	37	23	14
	50	50	-	0	0	0	0
Bastyr U. Gonzaga U.	45	45	-	0	0	0	0
Pacific Lutheran U.	12	43	-	12	0	0	0
Pacific Lutheran 0. Pacific Northwest U. of Health Sciences	0	0	-	0	0	0	0
Seattle Pacific U.	117	117	-	0	57	57	0
	26	26	-		62	0	62
U. Puget Sound	19	-	-	0			
Whitworth U.	19	11	-	8	0	0	0
West Virginia			_				
Public		000	-		-	-	
Bluefield State C.	383	383	_	0	0	0	0
West Liberty U.	538	495	_	43	0	0	0
West Virginia School of Osteopathic Medicine	422	414	_	8	0	0	0
Private			_				
Future Generations U.	0	0	_	0	0	0	0
Wheeling Jesuit U.	40	0	_	40	0	0	0
Wisconsin			_				
Public			_				
U. Wisconsin-Parkside	0	0		0	0	0	0
U. Wisconsin-River Falls	130	130		0	65	65	0
U. Wisconsin-Stout	1	1	_	0	0	0	0
U. Wisconsin-Whitewater	229	225		4	42	42	0
Private							
Alverno C.	0	0		0	0	0	0
Beloit C.	39	33		6	0	0	0
Concordia U., Wisconsin	143	124		19	98	98	0

Higher education R&D expenditures received from and passed through to other U.S. higher education institutions, at institutions in the short form survey population, by state, institutional control, institution, and source of funds: FY 2019

(Dollars in thousands)

State, institutional control, and institution	Rece	ived as a s	Passed through to subrecipients			
	Total	Federally financed	Nonfederally financed	Total	Federally financed	Nonfederally financed
Lawrence U.	63	63	0	0	0	0
St. Norbert C.	0	0	0	0	0	0
Puerto Rico						
Public						
U. Puerto Rico, Aguadilla	28	28	0	0	0	0
U. Puerto Rico, Ponce	11	11	0	0	0	0
Private						
Pontifical Catholic U. Puerto Rico, Ponce	40	40	0	0	0	0
San Juan Bautista School of Medicine	0	0	0	0	0	0
U. Ana G. Mendez, Carolina	82	82	0	0	0	0

i = imputed.

Note(s):

Institutions are included in the short form population if they reported less than \$1 million in total R&D expenditures during the previous fiscal year.

Source(s):

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