

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
United States	7,576,989	4,070,435	1,487,533	1,382,664	636,357	6,537,697	3,648,190	1,222,751	1,177,985	488,771
Alabama										
Public										
Alabama A&M U.	202 i	35 i	105 i	0 i	62 i	202 i	35 i	105 i	0 i	62 i
Alabama State U.	350	350	0	0	0	350	350	0	0	0
Auburn U., Auburn	8,442	4,735 i	1,708 i	544 i	1,455 i	8,237	4,550 i	1,688 i	544 i	1,455 i
Jacksonville State U.	68	68	0	0	0	68	68	0	0	0
Troy U.	255	235	0	20	0	255	235	0	20	0
U. Alabama, Birmingham	73,982	42,101	23,116	8,453	312	68,838	42,078	20,676	5,829	255
U. Alabama, Huntsville	4,484	3,739	150	595	0	4,453	3,708	150	595	0
U. Alabama, Tuscaloosa	5,253	2,998	1,224	513	518	4,982	2,796	1,192	476	518
U. South Alabama	3,522	1,938	122	226	1,236	2,758	1,721	122	218	697
Private										
Tuskegee U.	1,200	1,100	88	12	0	1,200	1,100	88	12	0
Alaska										
Public										
U. Alaska, Anchorage	2,168	11	NA	NA	2,157	2,168	11	0	0	2,157
U. Alaska, Fairbanks	14,941	NA i	NA i	13	14,928 i	14,941	0	0	13	14,928
U. Alaska, Southeast	44	0	0	0	44	44	0	0	0	44
Private										
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0
Arizona										
Public										
Arizona State U.	59,196	24,871	18,342	11,833	4,150	53,670	22,141	17,616	10,351	3,562
Northern Arizona U.	5,542	1,713	1,875	1,160	794	5,492	1,686	1,875	1,137	794
U. Arizona	49,787	26,936	12,373	8,798	1,680	48,495	25,994	12,258	8,692	1,551
Arkansas										
Public										
Arkansas State U., Jonesboro	294	294	0	0	0	287	287	0	0	0
U. Arkansas for Medical Sciences	10,172	8,156	888	1,070	58	9,503	7,663	886	927	27
U. Arkansas, Fayetteville	7,444	5,936	883	127	498	5,343	4,426	620	115	182
U. Arkansas, Little Rock	1,275	1,275	0	0	0	1,275	1,275	0	0	0

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	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
U. Arkansas, Pine Bluff	183	102	0	0	81	183	102	0	0	81
U. Central Arkansas	73	52	14	0	7	73	52	14	0	7
California										
Public										
California Polytechnic State U., San Luis Obispo	1,861	1,149	68	341	303	1,355	667	44	341	303
California State Polytechnic U., Pomona	102	102	0	0	0	93	93	0	0	0
California State U., Bakersfield	0	0	0	0	0	0	0	0	0	0
California State U., Channel Islands	151	151	0	0	0	151	151	0	0	0
California State U., Chico	616	550	5	0	61	555	550	5	0	0
California State U., Dominguez Hills	42	42	0	0	0	42	42	0	0	0
California State U., East Bay	1,537	776	0	160	601	793	459	0	74	260
California State U., Fresno	359	257	54	48	0	236	212	24	0	0
California State U., Fullerton	299	250	37	0	12	295	246	37	0	12
California State U., Long Beach	1,183	827	145	155	56	326	231	0	95	0
California State U., Los Angeles	341	278	0	63	0	194	131	0	63	0
California State U., Maritime Academy	161	161	0	0	0	0	0	0	0	0
California State U., Monterey Bay	920	920	0	0	0	611	611	0	0	0
California State U., Northridge	756	722	0	24	10	746	722	0	24	0
California State U., Sacramento	1,348	232	1,116	0	0	54	54	0	0	0
California State U., San Bernardino	594	594	0	0	0	198	198	0	0	0
California State U., San Marcos	715	610	0	105	0	683	578	0	105	0
California State U., Stanislaus	0	0	0	0	0	0	0	0	0	0
Humboldt State U.	1,027	148	527	26	326	105	0	105	0	0
Naval Postgraduate School	1,051	1,051	0	0	0	1,051	1,051	0	0	0
San Diego State U.	4,970	3,109	158	1,271	432	4,430	2,808	158	1,043	421
San Francisco State U.	1,703	1,446	86	61	110	1,548	1,397	0	41	110
San Jose State U.	4,106	3,996	0	10	100	1,374	1,285	0	0	89
Sonoma State U.	305	72	10	202	21	283	67	10	202	4
U. California, Berkeley	65,987	37,188	12,419	8,673	7,707	46,310	26,357	8,776	6,195	4,982
U. California, Davis	57,260	32,068	10,936	7,662	6,594	46,378	26,394	8,790	6,204	4,990
U. California, Irvine	29,838	25,292	1,562	2,805	179	26,289	22,347	1,313	2,629	0

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	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
U. California, Los Angeles	175,421	98,048 i	33,744 i	23,715 i	19,914 i	155,608	88,565 i	29,490 i	20,820 i	16,733 i
U. California, Merced	2,661	823 i	293 i	205 i	1,340 i	1,491	823 i	293 i	205 i	170 i
U. California, Office of the President	0	0	0	0	0	0	0	0	0	0
U. California, Riverside	11,498	10,815 i	287 i	396 i	0 i	9,124	8,529 i	199 i	396 i	0 i
U. California, San Diego	107,470	59,993 i	20,511 i	14,337 i	12,629 i	79,262	45,111 i	15,021 i	10,603 i	8,527 i
U. California, San Francisco	129,786	71,739 i	25,047 i	17,499 i	15,501 i	94,471	53,767 i	17,903 i	12,638 i	10,163 i
U. California, Santa Barbara	23,124	17,275 i	1,969 i	717 i	3,163 i	16,114	13,070 i	1,969 i	717 i	358 i
U. California, Santa Cruz	14,092	10,105 i	2,362 i	1,625 i	0 i	12,599	8,807 i	2,167 i	1,625 i	0 i
Private										
Azusa Pacific U.	18	18	0	0	0	18	18	0	0	0
Biola U.	106 i	53 i	16 i	28 i	9 i	91 i	49 i	11 i	25 i	6 i
California Institute of Technology	58,800	39,374	12,640	3,250	3,536	45,129	34,466	5,899	3,169	1,595
Chapman U.	2,224	1,445	0	408	371	1,670	1,443	0	227	0
Charles R. Drew U. of Medicine and Science	1,386	0	0	1,386	0	1,386	0	0	1,386	0
Claremont Graduate U.	325	306	0	0	19	13	6	0	0	7
Claremont McKenna C.	79	79	0	0	0	79	79	0	0	0
Fielding Graduate U.	130	0	0	130	0	130	0	0	130	0
Harvey Mudd C.	138	138	0	0	0	138	138	0	0	0
High Tech High Graduate School of Ed.	137	137	0	0	0	0	0	0	0	0
Keck Graduate Institute	460 i	138 i	309 i	0 i	13 i	460 i	138 i	309 i	0 i	13 i
La Sierra U.	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	1,258	705	341	187	25	1,178	697	274	182	25
Loyola Marymount U.	473	325	0	78	70	310	310	0	0	0
Marshall B. Ketchum U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Mills C.	25	0	0	0	25	25	0	0	0	25
Occidental C.	134	114	0	0	20	114	114	0	0	0
Pepperdine U.	104	48	0	56	0	9	1	0	8	0
Pomona C.	22	22	0	0	0	22	22	0	0	0
Santa Clara U.	80	0	0	80	0	80	0	0	80	0
Scripps Research Institute	69,481	18,054	22,190	28,114	1,123	68,549	17,368	22,133	27,925	1,123
Stanford U.	92,040	56,558	8,195	17,432	9,855	74,199	45,989	6,354	15,763	6,093

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Touro U.	11	11	0	0	0	11	11	0	0	0
U. of the Pacific	34	12	0	0	22	34	12	0	0	22
U. San Diego	936	709	0	227	0	740	513	0	227	0
U. San Francisco	61	61	0	0	0	37	37	0	0	0
U. Southern California	124,116	79,623	18,931	23,353	2,209	103,906	70,205	14,038	18,159	1,504
Western U. of Health Sciences	1,055	535	448	0	72	1,045	525	448	0	72
Colorado										
Public										
Colorado School of Mines	7,626	4,868	2,463	148	147	7,366	4,716	2,391	137	122
Colorado State U., Fort Collins	23,116	16,967	2,755	1,519	1,875	20,759	15,385	2,614	1,393	1,367
Colorado State U., Pueblo	0	0	0	0	0	0	0	0	0	0
Fort Lewis C.	193	193	0	0	0	193	193	0	0	0
U. Colorado Anschutz Medical Campus	46,521	27,494	2,877	12,687	3,463	40,106	25,261	2,237	10,068	2,540
U. Colorado Boulder	65,418	31,757	27,138	4,331	2,192	58,638	28,912	24,736	2,798	2,192
U. Colorado Colorado Springs	219	138	15	66	0	192	111	15	66	0
U. Colorado Denver	712	258	164	55	235	358	240	116	2	0
U. Northern Colorado	168	115	53	0	0	168	115	53	0	0
U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
Private										
Colorado C.	0	0	0	0	0	0	0	0	0	0
U. Denver	4,454	1,994	681	1,779	0	3,970	1,842	606	1,522	0
Connecticut										
Public										
Central Connecticut State U.	41	41	0	0	0	41	41	0	0	0
Eastern Connecticut State U.	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	66	26	40	0	0	53	13	40	0	0
U. Connecticut	25,134	18,342	4,585	1,812	395	23,774	17,520	4,366	1,662	226
Private										
Connecticut C.	15	15	0	0	0	15	15	0	0	0
Fairfield U.	0	0	0	0	0	0	0	0	0	0
Sacred Heart U.	0	0	0	0	0	0	0	0	0	0
Trinity C., Hartford	303	303	0	0	0	303	303	0	0	0

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U. Hartford	164	129	4	31	0	164	129	4	31	0
U. New Haven	137	31	0	106	0	87	31	0	56	0
Wesleyan U.	341	341	0	0	0	104	104	0	0	0
Yale U.	74,035	37,982	3,165	26,521	6,367	66,681	35,015	3,075	23,858	4,733
Delaware										
Public										
Delaware State U.	1,280	1,280	0	0	0	1,280	1,280	0	0	0
U. Delaware	34,919	22,368	10,524	1,069	958	30,124	19,862	8,904	1,043	315
District of Columbia										
Public										
National Defense U.	0	0	0	0	0	0	0	0	0	0
U. of the District of Columbia	0	0	0	0	0	0	0	0	0	0
Private										
American U.	2,375	1,218	299	806	52	1,540	854	299	387	0
Catholic U. of America	1,818	790	489	536	3	1,815	790	489	533	3
Gallaudet U.	824	463	0	361	0	681	459	0	222	0
George Washington U.	56,262	36,054	4,711	13,857	1,640	52,371	34,741	3,376	12,864	1,390
Georgetown U.	24,189	9,361	6,195	5,727	2,906	16,124	7,717	3,133	4,289	985
Howard U.	2,346	1,733	217	396	0	1,587	1,342	76	169	0
Florida										
Public										
Florida A&M U.	3,609	3,258	212	131	8	3,536	3,256	144	128	8
Florida Atlantic U.	3,261	2,347	149	12	753	2,865	2,162	149	12	542
Florida Gulf Coast U.	943	255	0	0	688	255	255	0	0	0
Florida International U.	13,585	7,791	2,953	2,276	565	11,256	6,798	2,650	1,400	408
Florida Polytechnic U.	108	108	0	0	0	108	108	0	0	0
Florida State U.	29,044	15,263	3,615	3,497	6,669	28,426	14,734	3,610	3,455	6,627
U. Central Florida	25,869	9,193	8,566	7,432	678	17,925	7,987	8,209	1,204	525
U. Florida	62,726	43,692	1,468	13,765	3,801	53,703	38,435	1,046	11,458	2,764
U. North Florida	174	27	15	132	0	31	21	0	10	0
U. South Florida ^b	37,358	20,751	5,744	5,785	5,078	34,727	19,714	5,324	5,465	4,224
U. West Florida	7,371	7,371	0	0	0	6,462	6,462	0	0	0

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	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Private										
Embry-Riddle Aeronautical U.	5,829	1,706	4,075	48	0	5,829	1,706	4,075	48	0
Florida Institute of Technology	2,078	1,852	46	180	0	2,056	1,852	24	180	0
Nova Southeastern U.	1,727	777	511	436	3	981	496	49	436	0
U. Miami	40,772	30,019	3,522	7,230	1	37,559	27,843	2,928	6,788	0
Georgia										
Public										
Albany State U.	47	0	30	0	17	0	0	0	0	0
Augusta U.	6,466	5,656	0	810	0	6,328	5,535	0	793	0
Fort Valley State U.	37	37	0	0	0	37	37	0	0	0
Georgia Institute of Technology	145,585	33,794	106,074	3,530	2,187	137,685	31,129	102,034	2,745	1,777
Georgia Southern U.	146	142	0	4	0	146	142	0	4	0
Georgia State U.	15,046	9,207	1,109	2,753	1,977	12,473	8,816	352	1,831	1,474
Kennesaw State U.	88	73	0	0	15	73	73	0	0	0
Savannah State U.	71	71	0	0	0	71	71	0	0	0
U. Georgia	29,326	23,092	402	4,016	1,816	27,287	21,583	376	3,962	1,366
U. North Georgia	0	0	0	0	0	0	0	0	0	0
Private										
Clark Atlanta U.	277	277	0	0	0	277	277	0	0	0
Emory U.	117,260	49,432	27,043	31,039	9,746	92,823	44,719	17,036	21,907	9,161
Mercer U.	3,508	9	3,499	0	0	3,225	9	3,216	0	0
Morehouse C.	298	298	0	0	0	298	298	0	0	0
Morehouse School of Medicine	1,208	1,093	0	115	0	1,110	1,016	0	94	0
Spelman C.	174	174	0	0	0	174	174	0	0	0
Hawaii										
Public										
U. Hawaii, Hilo	240	0	0	108	132	240	0	0	108	132
U. Hawaii, Manoa	11,285	4,475	4,362	1,684	764	10,694	4,475	4,238	1,433	548
U. Hawaii, Maui C.	58	0	58	0	0	58	0	58	0	0
U. Hawaii, system office	464	0	0	464	0	464	0	0	464	0
Private										
Hawaii Pacific U.	431	431	0	0	0	431	431	0	0	0

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Idaho										
Public										
Boise State U.	2,267	2,096	11	160	0	2,215	2,044	11	160	0
Idaho State U.	302	275	0	24	3	302	275	0	24	3
U. Idaho	10,324	9,331	106	141	746	9,393	8,400	106	141	746
Illinois										
Public										
Illinois State U.	4,433	852	274	1,851	1,456	4,184	842	239	1,816	1,287
Northeastern Illinois U.	19	0	0	0	19	19	0	0	0	19
Northern Illinois U.	233	233	0	0	0	233	233	0	0	0
Southern Illinois U., Carbondale	1,442	749	0	0	693	875	182	0	0	693
Southern Illinois U., Edwardsville	248	180	68	0	0	235	180	55	0	0
U. Illinois, Chicago	25,084	13,015	4,679	4,421	2,969	15,386	10,444	221	3,041	1,680
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	90,512	55,657	21,339	9,099	4,417	82,097	53,084	20,048	7,708	1,257
Western Illinois U.	1,508	1,157	160	88	103	1,508	1,157	160	88	103
Private										
DePaul U.	1,405	220	0	597	588	928	141	0	563	224
Erikson Institute	0	0	0	0	0	0	0	0	0	0
Illinois Institute of Technology	3,875	2,173	747	804	151	3,809	2,143	747	768	151
Loyola U., Chicago	3,033	2,024	0	202	807	2,606	1,766	0	103	737
Midwestern U.	68	68	0	0	0	68	68	0	0	0
Northwestern U.	89,210	2,197	1,794	85,219	0	82,345	202	29	82,114	0
Rosalind Franklin U. of Medicine and Science	589	589	0	0	0	589	589	0	0	0
Rush U.	12,087	7,440	312	3,959	376	10,624	6,507	291	3,450	376
Toyota Technological Institute, Chicago	189	189	0	0	0	189	189	0	0	0
U. Chicago	63,885	37,290	441	23,694	2,460	61,670	36,395	440	22,635	2,200
Wheaton C., Wheaton	28	28	0	0	0	28	28	0	0	0
Indiana										
Public										
Ball State U.	349	349	0	0	0	304	304	0	0	0

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Murray State U.	1,239	253	0	986	0	1,239	253	0	986	0
Northern Kentucky U.	15	0	0	15	0	15	0	0	15	0
U. Kentucky	24,324	16,982	1,858	4,951	533	22,297	15,667	1,413	4,684	533
U. Louisville	8,841	5,536	1,309	1,231	765	8,790	5,511	1,298	1,222	759
Western Kentucky U.	0	0	0	0	0	0	0	0	0	0
Louisiana										
Public										
Grambling State U.	20	20	0	0	0	20	20	0	0	0
Louisiana State U., Baton Rouge	13,409	12,532	246	501	130	12,083	11,447	160	346	130
Louisiana State U., Health Sciences Center, New Orleans	5,217	3,412	0	1,641	164	4,500	2,704	0	1,632	164
Louisiana State U., Health Sciences Center, Shreveport	554	325	0	229	0	530	301	0	229	0
Louisiana Tech U.	308	301	7	0	0	305	298	7	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0
Southeastern Louisiana U.	83	83	0	0	0	83	83	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	375	375	0	0	0	375	375	0	0	0
Southern U. and A&M C., Baton Rouge	70	17	53	0	0	70	17	53	0	0
U. Louisiana, Lafayette	3,763	2,688	971	0	104	3,579	2,557	918	0	104
U. Louisiana, Monroe	119	119	0	0	0	119	119	0	0	0
U. New Orleans	1,142	127	243	220	552	747	124	5	66	552
Private										
Dillard U.	0	0	0	0	0	0	0	0	0	0
Tulane U.	14,855	8,796	2,945	733	2,381	10,232	7,145	1,548	624	915
Xavier U. Louisiana	79	79	0	0	0	79	79	0	0	0
Maine										
Public										
U. Maine	5,016	3,840	574	602	0	3,944	3,012	541	391	0
U. Southern Maine	0	0	0	0	0	0	0	0	0	0
Private										
Bates C.	499	499	0	0	0	499	499	0	0	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Bowdoin C.	134	25	0	109	0	134	25	0	109	0
Colby C.	308	0	0	263	45	45	0	0	0	45
U. New England	143	25	13	55	50	122	25	13	34	50
Maryland										
Public										
Bowie State U.	0	0	0	0	0	0	0	0	0	0
Morgan State U.	1,638	1,470	133	35	0	1,578	1,470	73	35	0
Salisbury U.	146	81	0	65	0	65	0	0	65	0
Towson U.	292	93	107	0	92	292	93	107	0	92
U. Baltimore	2,676	605	32	1,424	615	2,644	605	0	1,424	615
U. Maryland ^c	120,812	89,005	14,622	4,915	12,270	100,470	73,114	13,167	4,574	9,615
U. Maryland Center for Environmental Science	2,631	1,951	285	282	113	2,200	1,724	285	78	113
U. Maryland, Baltimore County	6,351	4,813	1,191	210	137	5,035	4,389	380	210	56
U. Maryland, Eastern Shore	2,655	0	0	0	2,655	2,655	0	0	0	2,655
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. ^d	182,548	103,641	i 18,090	i 37,365	i 23,452	i 152,270	i 90,512	i 14,058	i 29,151	i 18,549
Massachusetts										
Public										
Framingham State U.	0	i 0	i 0	i 0	i 0	i 0	i 0	i 0	i 0	i 0
U. Massachusetts, Amherst	11,585	7,364	1,993	1,355	873	9,511	6,127	1,494	1,130	760
U. Massachusetts, Boston	6,313	2,942	968	2,169	234	3,170	1,299	470	1,167	234
U. Massachusetts, central office	289	160	0	129	0	58	58	0	0	0
U. Massachusetts, Dartmouth	438	111	245	74	8	248	111	55	74	8
U. Massachusetts, Lowell	5,633	2,522	1,564	1,508	39	4,605	2,083	1,160	1,323	39
U. Massachusetts, Medical School	77,881	28,596	38,291	10,994	0	77,227	28,337	38,291	10,599	0
Private										
Amherst C.	16	16	0	0	0	16	16	0	0	0
Babson C.	NA	NA	NA	NA	NA	0	0	0	0	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Boston C.	8,563	3,434	75	3,195	1,859	6,070	2,870	0	2,787	413
Boston U.	163,053	39,696	101,793	21,330	234	119,359	33,722	68,149	17,323	165
Brandeis U.	4,490	3,044	167	1,024	255	3,339	2,400	150	669	120
Clark U.	282	227	55	0	0	261	206	55	0	0
Franklin W. Olin C. of Engineering	6	6	0	0	0	6	6	0	0	0
Harvard U.	152,260	55,396	4,761	30,037	62,066	119,192	45,055	4,554	24,172	45,411
Massachusetts Institute of Technology	12,130	3,862	5,643	2,625	0	10,506	3,840	5,380	1,286	0
MGH Institute of Health Professions	424	424	0	0	0	424	424	0	0	0
Mount Holyoke C.	5	0	0	5	0	5	0	0	5	0
New England C. of Optometry	255	255	0	0	0	255	255	0	0	0
Northeastern U.	31,622	15,295	4,506	11,244	577	30,908	14,850	4,484	11,081	493
Smith C.	61	39	0	22	0	61	39	0	22	0
Suffolk U.	461	67	0	394	0	416	22	0	394	0
Tufts U.	25,874	505	172	894	24,303	22,001	504	0	24	21,473
Wellesley C.	42	42	0	0	0	42	42	0	0	0
Williams C.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Woods Hole Oceanographic Institution	37,417	33,194	1,254	1,069	1,900	36,580	32,834	1,048	831	1,867
Worcester Polytechnic Institute	6,492	3,798	786	1,908	0	5,451	3,596	687	1,168	0
Michigan										
Public										
Central Michigan U.	2,349	1,995	0	0	354	2,346	1,995	0	0	351
Eastern Michigan U.	830	830	0	0	0	799	799	0	0	0
Grand Valley State U.	88	70	18	NA	NA	88	70	18	0	0
Michigan State U.	43,928	25,171	3,031	10,061	5,665	39,428	23,132	2,724	8,878	4,694
Michigan Technological U.	6,225	3,371	2,651	89	114	5,892	3,109	2,651	83	49
Northern Michigan U.	50	50	0	0	0	50	50	0	0	0
Oakland U.	472	412	13	47	0	466	412	13	41	0
Saginaw Valley State U.	384 i	0 i	98 i	0 i	286 i	384 i	0 i	98 i	0 i	286 i
U. Michigan, Ann Arbor	110,936	82,750	6,638	19,063	2,485	101,807	76,422	5,595	18,315	1,475
U. Michigan, Dearborn	73	73	0	0	0	16	16	0	0	0
U. Michigan, Flint	0	0	0	0	0	0	0	0	0	0
Wayne State U.	9,376	5,789	162	3,425	0	7,513	5,641	151	1,721	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Western Michigan U. and Homer Stryker M.D. School of Medicine	1,621	864	679	33	45	1,621	864	679	33	45
Private										
Albion C.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Andrews U.	6	6	0	0	0	6	6	0	0	0
Calvin U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Hope C.	83	72	0	11	0	11	0	0	11	0
Kettering U.	22 i	10 i	0 i	12 i	0 i	22 i	10 i	0 i	12 i	0 i
Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0
U. Detroit Mercy	588	574	0	0	14	588	574	0	0	14
Van Andel Research Institute	1,846	900	0	816	130	1,200	900	0	300	0
Minnesota										
Public										
Minnesota State U., Mankato	373 i	203 i	73 i	50 i	47 i	330 i	183 i	62 i	45 i	40 i
St. Cloud State U.	251	17	0	0	234	47	17	0	0	30
U. Minnesota, Duluth	146	77 i	28 i	25 i	16 i	37	23 i	5 i	5 i	4 i
U. Minnesota, Morris	13	0 i	0 i	0 i	13 i	0	0 i	0 i	0 i	0 i
U. Minnesota, Twin Cities	99,238	55,730 i	18,943 i	13,297 i	11,268 i	84,562	48,130 i	16,027 i	11,311 i	9,094 i
Private										
C. of Saint Benedict	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Carleton C.	73	73	0	0	0	73	73	0	0	0
Macalester C.	13	13	0	0	0	13	13	0	0	0
Saint John's U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
St. Olaf C.	35	35	0	0	0	35	35	0	0	0
U. of St. Thomas (MN)	102	25	77	0	0	94	17	77	0	0
Mississippi										
Public										
Alcorn State U.	412	412	0	0	0	412	412	0	0	0
Jackson State U.	1,718	1,624	74	20	0	1,718	1,624	74	20	0
Mississippi State U.	19,840	13,542	3,952	2,259	87	19,125	13,240	3,922	1,914	49
U. Mississippi	5,546	4,776	125	603	42	5,206	4,619	79	466	42
U. Southern Mississippi	10,629	9,497	787	223	122	10,243	9,127	771	223	122

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
New Mexico Highlands U.	0	0	0	0	0	0	0	0	0	0
New Mexico Institute of Mining and Technology	3,677	2,852	674	0	151	3,677	2,852	674	0	151
New Mexico State U.	9,906	4,214	3,768	812	1,112	9,575	4,011	3,768	812	984
U. New Mexico	70,120	32,608	18,032	16,062	3,418	67,489	32,013	17,996	15,109	2,371
New York										
Public										
CUNY, Advanced Science Research Center	2,273	2,078	24	76	95	2,273	2,078	24	76	95
CUNY, Baruch C.	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	330	258	0	72	0	241	241	0	0	0
CUNY, C. Staten Island	376	80	0	291	5	298	80	0	213	5
CUNY, City C.	7,940	4,253	2,161	1,465	61	5,441	4,178	32	1,170	61
CUNY, Graduate Center	348	2	0	0	346	324	0	0	0	324
CUNY, Graduate School of Public Health and Health Policy	529	322	2	194	11	463	290	2	160	11
CUNY, Hunter C.	2,459	1,178	15	1,144	122	2,413	1,141	15	1,144	113
CUNY, John Jay C. of Criminal Justice	1,265	714	108	325	118	714	477	108	102	27
CUNY, Lehman C.	153	153	0	0	0	153	153	0	0	0
CUNY, New York City C. of Technology	110	110	0	0	0	110	110	0	0	0
CUNY, Queens C.	1,444	467	289	688	0	1,368	391	289	688	0
CUNY, system office	389	389	0	0	0	389	389	0	0	0
CUNY, York C.	16	0	0	16	0	16	0	0	16	0
SUNY, Binghamton U.	6,967	1,258	5,204	0	505	4,031	1,258	2,372	0	401
SUNY, Buffalo State	47	47	0	0	0	47	47	0	0	0
SUNY, C. Brockport	0	0	0	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	1,067	729	320	18	0	396	281	97	18	0
SUNY, C. of Optometry	31	31	0	0	0	31	31	0	0	0
SUNY, C. Plattsburgh	158	71	0	0	87	158	71	0	0	87
SUNY, Downstate Health Sciences U.	8,206	7,690	27	0	489	8,179	7,690	0	0	489
SUNY, Geneseo	65	65	0	0	0	65	65	0	0	0
SUNY, Oswego	0	0	0	0	0	0	0	0	0	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
SUNY, Polytechnic Institute	18,123	12,284	5,753	86	0	9,251	3,997	5,254	0	0
SUNY, Stony Brook U.	22,010	18,709	1,205	1,430	666	21,312	18,636	735	1,304	637
SUNY, U. Albany	10,130	7,103	1,345	1,292	390	9,182	6,722	1,202	888	370
SUNY, U. Buffalo	20,835	10,228	2,567	5,443	2,597	15,641	9,798	932	4,911	0
SUNY, Upstate Medical U.	1,525	1,326	128	71	0	1,512	1,317	128	67	0
U.S. Military Academy	614	324	80	210	0	614	324	80	210	0
Private										
Albany C. of Pharmacy and Health Sciences	589	323	0	0	266	589	323	0	0	266
Albany Medical C.	726	370	0	356	0	726	370	0	356	0
Albert Einstein C. of Medicine	33,032	26,752	2,057	3,910	313	30,767	25,339	1,966	3,162	300
Alfred U.	33	13	20	0	0	13	13	0	0	0
Barnard C.	994	977	0	17	0	977	977	0	0	0
Canisius C.	0	0	0	0	0	0	0	0	0	0
Clarkson U.	1,241	672	151	304	114	780	311	51	304	114
Cold Spring Harbor Laboratory	8,280 i	4,788 i	1,703 i	1,679 i	110 i	7,523 i	4,788 i	1,181 i	1,460 i	94 i
Colgate U.	72	72	0	0	0	72	72	0	0	0
Columbia U. in the City of New York	128,876	68,579	1,899	40,418	17,980	115,810	64,352	1,518	38,631	11,309
Cornell U.	99,822	58,905	9,246	19,174	12,497	82,123	53,864	7,606	16,709	3,944
Fordham U.	899	896	0	3	0	821	818	0	3	0
Hamilton C.	18	18	0	0	0	18	18	0	0	0
Hobart and William Smith Colleges	54	10	0	11	33	0	0	0	0	0
Hofstra U.	43	25	0	6	12	25	25	0	0	0
Icahn School of Medicine at Mount Sinai	89,101	50,262	5,693	26,007	7,139	85,338	48,577	5,689	24,093	6,979
Ithaca C.	95	13	0	40	42	95	13	0	40	42
Long Island U.	459	386	0	73	0	459	386	0	73	0
Manhattan C.	11	11	0	0	0	0	0	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	1,891	240	0	1,651	0	52	52	0	0	0
New York Institute of Technology	77	77	0	0	0	77	77	0	0	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
New York Medical C.	961	837	124	0	0	961	837	124	0	0
New York U.	91,622	21,918	1,261	62,699	5,744	84,016	20,829	35	58,204	4,948
Niagara U.	0	0	0	0	0	0	0	0	0	0
Pace U.	856	328	0	528	0	856	328	0	528	0
Pratt Institute	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	9,020	6,413	811	1,118	678	8,356	6,085	709	1,118	444
Rochester Institute of Technology	2,307	1,595	275	183	254	2,165	1,457	274	180	254
Rockefeller U.	12,733	6,270	153	4,367	1,943	8,217	5,080	153	2,626	358
Skidmore C.	171	93	0	78	0	125	47	0	78	0
St. John's U., New York	23 i	23 i	0 i	0 i	0 i	23 i	23 i	0 i	0 i	0 i
Syracuse U.	4,240	2,567	559	1,083	31	2,916	2,216	369	300	31
Teachers C., Columbia U.	4,798	1,917	0	2,388	493	1,218	829	0	271	118
U. Rochester	32,781	23,051	917	5,837	2,976	29,358	21,046	635	4,987	2,690
Union C., Schenectady	0	0	0	0	0	0	0	0	0	0
Vassar C.	205	205	0	0	0	205	205	0	0	0
Yeshiva U.	0	0	0	0	0	0	0	0	0	0
North Carolina										
Public										
Appalachian State U.	95	35	12	48	0	75	15	12	48	0
East Carolina U.	3,070	2,082	7	797	184	2,887	1,917	0	786	184
Elizabeth City State U.	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	0	0	0	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	3,288	2,680	259	349	0	3,225	2,617	259	349	0
North Carolina Central U.	337	129	95	0	113	242	129	0	0	113
North Carolina State U.	42,196	91 i	18,410 i	12,958 i	10,737 i	37,873	91 i	16,619 i	11,732 i	9,431 i
U. North Carolina, Asheville	478	3	0	475	0	151	3	0	148	0
U. North Carolina, Chapel Hill	139,562	74,471	26,821	28,846	9,424	128,528	71,310	25,836	25,385	5,997
U. North Carolina, Charlotte	3,744	3,530	130	0	84	3,651	3,437	130	0	84
U. North Carolina, general administration	3,903	3,903	0	0	0	287	287	0	0	0
U. North Carolina, Greensboro	3,198	1,264	516	1,105	313	3,119	1,258	516	1,079	266
U. North Carolina, Wilmington	1,465	824	78	563	0	918	824	78	16	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Oberlin C.	0	0	0	0	0	0	0	0	0	0
U. Dayton	37,614	6,752	30,423	335	104	37,601	6,739	30,423	335	104
Oklahoma										
Public										
Langston U.	105	91	14	0	0	105	91	14	0	0
Oklahoma State U., Center for Health Sciences	361	222	41	0	98	351	212	41	0	98
Oklahoma State U., Stillwater	6,394	4,842	744	367	441	5,447	4,235	468	367	377
U. Central Oklahoma	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	56,816	17,041	33,244	5,222	1,309	54,494	15,635	32,530	5,035	1,294
U. Oklahoma, Tulsa	6	6	0	0	0	0	0	0	0	0
Private										
U. Tulsa	877	824	53	0	0	818	818	0	0	0
Oregon										
Public										
Oregon Health and Science U.	60,864	36,541	15,399	6,536	2,388	54,078	32,508	13,220	6,338	2,012
Oregon Institute of Technology	0	0	0	0	0	0	0	0	0	0
Oregon State U.	20,344	14,021	4,160	1,246	917	18,694	12,611	4,125	1,219	739
Portland State U.	5,023	4,122	335	156	410	4,804	4,057	211	129	407
U. Oregon	7,579	6,075	56	1,448	0	7,340	5,857	50	1,433	0
Private										
Lewis and Clark C.	0	0	0	0	0	0	0	0	0	0
National U. of Natural Medicine	0	0	0	0	0	0	0	0	0	0
Pacific U.	282	282	0	0	0	282	282	0	0	0
Reed C.	24	24	0	0	0	24	24	0	0	0
Willamette U.	196	196	0	0	0	196	196	0	0	0
Pennsylvania										
Public										
Indiana U. Pennsylvania	156	137	19	0	0	119	100	19	0	0
Pennsylvania State U., Behrend	654	367	154	68	65	562	347	102	51	62
Pennsylvania State U., Harrisburg	712	12	0	0	700	12	12	0	0	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total						Federally financed					
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients		All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	
Pennsylvania State U., University Park and Hershey Medical Center	72,503	40,490	14,005	9,855	8,153		67,838	38,609	12,857	9,077	7,295	
Temple U.	13,758	9,427	1,032	2,295	1,004		12,029	8,621	347	2,058	1,003	
U. Pittsburgh, Pittsburgh	97,623	66,774	6,931	20,696	3,222		92,131	63,017	6,541	19,532	3,041	
U.S. Army War C.	0	0	0	0	0		0	0	0	0	0	
West Chester U. Pennsylvania	13	13	0	0	0		3	3	0	0	0	
Private												
Arcadia U.	53	10	0	43	0		1	0	0	1	0	
Bryn Mawr C.	551	0	0	551	0		551	0	0	551	0	
Bucknell U.	171	87	0	84	0		64	64	0	0	0	
Carnegie Mellon U.	23,889	19,398	2,259	1,080	1,152		21,887	17,928	2,229	668	1,062	
Drexel U.	18,393	10,243	2,022	4,230	1,898		15,319	9,227	1,310	3,795	987	
Duquesne U.	599	564	0	35	0		556	526	0	30	0	
Franklin and Marshall C.	0	0	0	0	0		0	0	0	0	0	
Haverford C.	0	0	0	0	0		0	0	0	0	0	
Lafayette C.	11	11	0	0	0		11	11	0	0	0	
Lehigh U.	3,076	2,575	435	66	0		1,979	1,478	435	66	0	
Mercyhurst U.	82	0	23	33	26		45	0	10	22	13	
Philadelphia C. of Osteopathic Medicine	0	0	0	0	0		0	0	0	0	0	
Saint Joseph's U.	254	248	0	6	0		248	248	0	0	0	
Swarthmore C.	180	180	0	0	0		141	141	0	0	0	
Thomas Jefferson U.	15,669	8,567	168	3,955	2,979		13,656	7,289	72	3,462	2,833	
U. of the Sciences Philadelphia	4	4	0	0	0		0	0	0	0	0	
U. Pennsylvania	109,287	64,367	5,005	31,012	8,903		93,388	57,833	3,807	25,920	5,828	
Villanova U.	771	507	87	177	0		473	290	6	177	0	
Rhode Island												
Public												
Naval War C.	0	0	0	0	0		0	0	0	0	0	
Rhode Island C.	407	154	0	253	0		156	98	0	58	0	
U. Rhode Island	18,408	7,707	918	7,016	2,767		17,426	7,237	913	6,876	2,400	
Private												
Brown U.	37,445	20,519	3,004	13,048	874		34,059	20,190	2,460	10,535	874	

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Providence C.	0	0	0	0	0	0	0	0	0	0
Rhode Island School of Design	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Roger Williams U.	134	101	0	33	0	84	51	0	33	0
South Carolina										
Public										
C. Charleston	1,155	1,115	40	0	0	1,143	1,115	28	0	0
Citadel Military C. South Carolina	0	0	0	0	0	0	0	0	0	0
Clemson U.	14,152	5,710 i	2,369 i	3,719 i	2,354 i	10,882	5,710 i	2,087 i	731 i	2,354 i
Coastal Carolina U.	120	120	0	0	0	120	120	0	0	0
Medical U. South Carolina	20,895	12,145	3,215	2,717	2,818	19,441	11,467	2,859	2,331	2,784
South Carolina State U.	627 i	531 i	54 i	36 i	6 i	627 i	531 i	54 i	36 i	6 i
U. South Carolina, Aiken	93	93	0	0	0	93	93	0	0	0
U. South Carolina, Columbia	17,047	13,453	584	2,020	990	14,622	12,356	503	1,284	479
Winthrop U.	0	0	0	0	0	0	0	0	0	0
Private										
Clafin U.	27	27	0	0	0	27	27	0	0	0
Furman U.	0	0	0	0	0	0	0	0	0	0
South Dakota										
Public										
Black Hills State U.	0	0	0	0	0	0	0	0	0	0
Dakota State U.	250	250	0	0	0	250	250	0	0	0
South Dakota School of Mines and Technology	2,797	2,749	0	46	2	2,684	2,636	0	46	2
South Dakota State U.	1,287	1,044	0	18	225	983	754	0	17	212
U. South Dakota	3,180	2,201	80	899	0	3,029	2,201	80	748	0
Private										
Augustana U.	0	0	0	0	0	0	0	0	0	0
Tennessee										
Public										
Austin Peay State U.	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	383	380	3	0	0	310	310	0	0	0
Middle Tennessee State U.	708	669	39	0	0	708	669	39	0	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Tennessee State U.	191 i	97 i	87 i	0 i	7 i	102 i	86 i	9 i	0 i	7 i
Tennessee Technological U.	788	333	309	0	146	788	333	309	0	146
U. Memphis	3,059	2,328	532	199	0	2,653	2,306	282	65	0
U. Tennessee, Chattanooga	161	161	0	0	0	161	161	0	0	0
U. Tennessee, Health Science Center	8,321	7,086	486 i	343 i	406 i	8,012	6,909	486 i	343 i	274 i
U. Tennessee, Knoxville	16,078	13,439	1,150 i	841 i	648 i	15,399	13,013	1,049 i	740 i	597 i
Private										
Fisk U.	243	243	0	0	0	243	243	0	0	0
Lipscomb U.	3	0	0	0	3	3	0	0	0	3
Meharry Medical C.	905	654	0	251	0	878	654	0	224	0
Vanderbilt U. and Vanderbilt U. Medical Center	113,820	81,588	1,918	27,210	3,104	103,851	73,393	1,809	25,616	3,033
Texas										
Public										
Lamar U.	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	656	656	0	0	0	656	656	0	0	0
Sam Houston State U.	155	60	0	0	95	155	60	0	0	95
Stephen F. Austin State U.	0	0	0	0	0	0	0	0	0	0
Sul Ross State U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Tarleton State U.	257	16	0	0	241	150	16	0	0	134
Texas A&M International U.	21	21	0	0	0	21	21	0	0	0
Texas A&M U., College Station and Health Science Center	153,247	28,862	117,434	2,987	3,964	136,059	25,808	104,890	2,331	3,030
Texas A&M U.-Commerce	67	67	0	0	0	67	67	0	0	0
Texas A&M U.-Corpus Christi	1,733	843	859	12	19	871	652	198	2	19
Texas A&M U.-Kingsville	808	783	0	4	21	769	744	0	4	21
Texas Southern U.	812	657	0	21	134	657	657	0	0	0
Texas State U.	4,302	1,897	1,899	291	215	4,093	1,857	1,899	157	180
Texas Tech U.	5,025	2,808	2,029	81	107	3,186	1,045	2,016	21	104
Texas Tech U., Health Sciences Center	863	815	48	0	0	819	771	48	0	0
Texas Tech U., Health Sciences Center, El Paso	192	0	0	20	172	51	0	0	20	31

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2021

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients	All R&D expenditures passed through	To higher education subrecipients	To businesses	To nonprofit organizations	To other subrecipients
Private										
Marquette U.	1,738	1,414	137	187	0	1,564	1,319	137	108	0
Medical C. Wisconsin	30,017	9,802	4,351	15,864	0	29,336	9,205	4,351	15,780	0
Milwaukee School of Engineering	18	18	0	0	0	18	18	0	0	0
Northland C.	13 i	0 i	2 i	9 i	2 i	11 i	0 i	2 i	7 i	2 i
Wyoming										
Public										
U. Wyoming	8,512	5,595	2,348	509	60	8,313	5,542	2,202	509	60
American Samoa										
Public										
American Samoa Community C.	0	0	0	0	0	0	0	0	0	0
Guam										
Public										
U. Guam	161	76	85	0	0	0	0	0	0	0
Puerto Rico										
Public										
U. Puerto Rico, Cayey	305	305	0	0	0	305	305	0	0	0
U. Puerto Rico, Humacao	241	241	0	0	0	241	241	0	0	0
U. Puerto Rico, Mayaguez	2,197	2,088	0	0	109	2,088	2,088	0	0	0
U. Puerto Rico, Medical Sciences Campus	1,587	797	790	0	0	1,587	797	790	0	0
U. Puerto Rico, Rio Piedras	2,075	2,075	0	0	0	1,985	1,985	0	0	0
Private										
Albizu U.	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	0	0	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Gurabo	8	8	0	0	0	8	8	0	0	0
U. Central del Caribe	0	0	0	0	0	0	0	0	0	0
Virgin Islands										
Public										
U. of the Virgin Islands	2,688	1,963	700	25	0	1,707	982	700	25	0

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

^a The University of Colorado Denver and University of Colorado Anschutz Medical Center report to the survey separately. Prior to FY 2021, expenditures were reported together under University of Colorado Denver and Anschutz Medical Campus.

^b The University of South Florida includes expenditures from the University of South Florida, Tampa; University of South Florida, Saint Petersburg; and University of South Florida, Sarasota-Manatee campuses. Due to the consolidation of the three campuses that occurred on 1 July 2020, University of South Florida, Saint Petersburg and University of South Florida, Sarasota-Manatee began reporting with the University of South Florida, Tampa as the University of South Florida. Prior to FY 2021, all three campuses reported to the survey as separate institutions.

^c 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.

^d Johns Hopkins University includes the Applied Physics Laboratory, with zero in both total and federally financed R&D expenditures passed through to subrecipients in FY 2021.

Note(s):

This table includes only institutions reporting \$1 million or more in total R&D expenditures in 2020. Institutions reporting less than \$1 million in total R&D expenditures in 2020 completed a shorter version of the survey form in FY 2021, and that form requested R&D expenditures passed through only to higher education institutions. For a list of R&D expenditures passed through to higher education institutions at institutions completing the shorter version of the survey, see table 85.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2021.