

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
United States	9,705,518	4,693,719	1,542,805	1,963,694	1,505,300	8,444,853	4,274,260	1,273,237	1,600,008	1,297,348
Alabama										
Public										
Alabama A&M U.	1,200	1,180	0	0	20	1,180	1,180	0	0	0
Alabama State U.	445	445	0	0	0	445	445	0	0	0
Auburn U., Auburn	43,874 i	11,461 i	11,017 i	754 i	20,642 i	41,119	10,449	10,581	304	19,785
Troy U.	278	58	0	0	220	278	58	0	0	220
U. Alabama, Birmingham	50,399	38,247	6,051	4,621	1,480	50,399	38,247	6,051	4,621	1,480
U. Alabama, Huntsville	54,145	5,227	43,210	1,926	3,782	51,829	5,097	41,796	1,466	3,470
U. Alabama, Tuscaloosa	28,797	11,979	6,900	3,420	6,498	28,484	11,709	6,900	3,383	6,492
U. South Alabama	6,806	4,293	1,084	513	916	5,904	4,293	427	364	820
Private										
Tuskegee U.	1,999	1,407	139	423	30	1,999	1,407	139	423	30
Alaska										
Public										
U. Alaska, Anchorage	1,475	976	39	75	385	1,350	872	39	75	364
U. Alaska, Fairbanks	10,832	4,035	825	4,366	1,606	9,829	3,732	821	3,679	1,597
U. Alaska, Southeast	323	57	0	266	0	259	57	0	202	0
Private										
Alaska Pacific U.	291	287	0	0	4	287	287	0	0	0
Arizona										
Public										
Arizona State U.	96,656	28,999	19,157	43,420	5,080	56,222	26,282	15,931	9,891	4,118
Dine C.	56	56	0	0	0	56	56	0	0	0
Northern Arizona U.	6,979	3,988	781	1,129	1,081	6,540	3,563	781	1,129	1,067
U. Arizona	70,348 i	30,259 i	11,326 i	21,747 i	7,016 i	64,141	27,984	10,337	20,727	5,093
Private										
Sonoran U. Health Sciences	0	0	0	0	0	0	0	0	0	0
Arkansas										
Public										
Arkansas State U., Jonesboro	1,429	737	0	0	692	1,428	736	0	0	692
U. Arkansas for Medical Sciences	17,360	5,084	2,783	3,074	6,419	17,360	5,084	2,783	3,074	6,419

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U. Arkansas, Fayetteville	15,776	6,710	2,891	884	5,291	14,418	5,845	2,745	543	5,285
U. Arkansas, Little Rock	3,601	1,553	954	0	1,094	3,601	1,553	954	0	1,094
U. Arkansas, Pine Bluff	320	218	0	0	102	320	218	0	0	102
U. Central Arkansas	1,251	619	263	56	313	1,190	619	258	0	313
California										
Public										
California Polytechnic State U., San Luis Obispo	4,484	2,226	554	513	1,191	3,665	1,862	389	397	1,017
California State Polytechnic U., Humboldt	1,980	1,044	97	577	262	690	387	55	139	109
California State Polytechnic U., Pomona	1,089	546	175	311	57	1,045	542	145	301	57
California State U., Bakersfield	55	22	0	0	33	33	0	0	0	33
California State U., Channel Islands	519	399	0	120	0	401	294	0	107	0
California State U., Chico	505	366	0	0	139	364	364	0	0	0
California State U., Dominguez Hills	508	508	0	0	0	508	508	0	0	0
California State U., East Bay	899	293	83	11	512	228	116	24	6	82
California State U., Fresno	2,693	2,073	45	273	302	1,217	704	29	192	292
California State U., Fullerton	908	816	62	30	0	678	616	62	0	0
California State U., Long Beach	2,145	1,545	111	412	77	1,076	872	111	16	77
California State U., Los Angeles	948	659	0	67	222	725	566	0	67	92
California State U., Maritime Academy	103	103	0	0	0	83	83	0	0	0
California State U., Monterey Bay	2,776	842	14	1,513	407	2,151	498	0	1,495	158
California State U., Northridge	4,568	1,930	181	1,121	1,336	1,683	1,127	0	203	353
California State U., Sacramento	1,682	984	0	91	607	1,053	367	0	79	607
California State U., San Bernardino	698	688	0	10	0	530	520	0	10	0
California State U., San Marcos	168	138	0	30	0	168	138	0	30	0
California State U., Stanislaus	305	305	0	0	0	298	298	0	0	0
Naval Postgraduate School	719	341	312	66	0	0	0	0	0	0
San Diego State U.	10,116	7,150	987	1,864	115	9,101	6,135	987	1,864	115
San Francisco State U.	2,650	1,840	172	185	453	1,952	1,657	172	119	4
San Jose State U.	6,085	5,545	24	347	169	5,645	5,105	24	347	169
Sonoma State U.	687	678	1	0	8	584	575	1	0	8
U. California, Berkeley	75,943	48,887	7,223	11,333	8,500	64,175	42,385	6,201	7,392	8,197
U. California, Davis	72,539	38,535	7,466	18,381	8,157	61,393	35,347	6,317	12,802	6,927

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U. California, Irvine	41,799	22,983	10,605	7,681	530	33,302	21,244	5,489	6,039	530
U. California, Los Angeles	102,445	59,874	11,532	23,579	7,460	91,734	54,577	10,180	20,870	6,107
U. California, Merced	1,923	798	88	457	580	1,257	647	88	84	438
U. California, Office of the President	8	0	0	0	8	8	0	0	0	8
U. California, Riverside	14,931	9,027	1,551	2,195	2,158	13,736	8,732	912	2,151	1,941
U. California, San Diego	185,856	75,220	29,670	41,003	39,963	133,987	60,302	17,665	35,091	20,929
U. California, San Francisco	135,049	58,090	4,782	70,617	1,560	121,633	54,043	4,330	62,146	1,114
U. California, Santa Barbara	29,515	16,698	5,399	7,008	410	27,088	15,554	5,175	5,999	360
U. California, Santa Cruz	14,584	8,410	830	3,551	1,793	13,925	7,971	692	3,469	1,793
Private										
Azusa Pacific U.	84	6	0	7	71	6	6	0	0	0
Biola U.	123 i	66 i	17 i	30 i	10 i	0	0	0	0	0
California Institute of Technology	39,121	29,460	1,284	8,377	0	35,306	26,604	1,284	7,418	0
California Lutheran U.	0	0	0	0	0	0	0	0	0	0
Chapman U.	2,380 i	1,883 i	363 i	134 i	0 i	2,170	1,789	363	18	0
Charles R. Drew U. of Medicine and Science	1,098	0	0	0	1,098	1,098	0	0	0	1,098
Claremont Graduate U.	891	199	0	445	247	451	199	0	5	247
Claremont McKenna C.	126	126	0	0	0	117	117	0	0	0
Harvey Mudd C.	210	210	0	0	0	210	210	0	0	0
High Tech High Graduate School of Ed.	0	0	0	0	0	0	0	0	0	0
Keck Graduate Institute	100	100	0	0	0	100	100	0	0	0
La Sierra U.	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	958	588	355	15	0	786	440	331	15	0
Loyola Marymount U.	235	206	0	29	0	82	82	0	0	0
Marshall B. Ketchum U.	37 i	37 i	0 i	0 i	0 i	37 i	37 i	0 i	0 i	0 i
Occidental C.	173 i	108 i	0 i	0 i	65 i	84 i	19 i	0 i	0 i	65 i
Pepperdine U.	135	91	0	44	0	87	62	0	25	0
Pomona C.	290	278	0	0	12	258	246	0	0	12
Santa Clara U.	755	176	186	5	388	750	176	186	0	388
Scripps Research Institute	22,540	16,470	1,422	4,303	345	21,595	15,525	1,422	4,303	345
Stanford U.	154,350	104,445	13,976	30,823	5,106	121,073	88,042	8,798	23,642	591
Touro U., California	603	603	0	0	0	603	603	0	0	0

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U. of the Pacific	79	79	0	0	0	79	79	0	0	0
U. San Diego	743	391	41	229	82	484	288	9	105	82
U. San Francisco	183	163	0	20	0	183	163	0	20	0
U. Southern California	116,039	56,979	11,111	42,462	5,487	107,794	52,728	10,364	39,919	4,783
Western U. of Health Sciences	222	67	145	10	0	212	67	145	0	0
Colorado										
Public										
Colorado School of Mines	23,782	6,739	7,420	3,017	6,606	14,552	6,360	4,848	2,875	469
Colorado State U., Fort Collins	47,638	25,702	7,587	5,980	8,369	44,174	24,080	7,283	4,701	8,110
Colorado State U., Pueblo	106	106	0	0	0	106	106	0	0	0
Fort Lewis C.	602	537	0	26	39	589	537	0	13	39
U. Colorado Anschutz Medical Campus ^a	82,279	44,705	12,242	18,883	6,449	77,536	43,479	11,122	17,542	5,393
U. Colorado Boulder	79,189	42,856	13,257	10,696	12,380	77,124	42,299	12,660	10,277	11,888
U. Colorado Colorado Springs	1,764	442	1,261	61	0	1,764	442	1,261	61	0
U. Colorado Denver ^a	2,979	1,576	904	173	326	2,838	1,539	871	134	294
U. Northern Colorado	295	126	137	0	32	295	126	137	0	32
U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
Private										
Colorado C.	8	8	0	0	0	8	8	0	0	0
U. Denver	7,506	4,713	511	1,798	484	6,785	4,296	511	1,571	407
Connecticut										
Public										
Central Connecticut State U.	341	64	0	0	277	341	64	0	0	277
Eastern Connecticut State U.	16	16	0	0	0	16	16	0	0	0
Southern Connecticut State U.	296	266	30	0	0	269	239	30	0	0
U. Connecticut	35,997	14,949	3,868	5,893	11,287	34,461	14,058	3,575	5,719	11,109
Private										
Connecticut C.	126	126	0	0	0	126	126	0	0	0
Trinity C., Hartford	30	30	0	0	0	30	30	0	0	0
U. Hartford	148	67	0	81	0	148	67	0	81	0
U. New Haven	571	350	14	158	49	438	231	0	158	49
Wesleyan U.	759	482	52	225	0	645	475	52	118	0

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Yale U.	81,126	51,667	4,712	19,909	4,838	72,443	47,257	3,343	17,293	4,550
Delaware										
Public										
Delaware State U.	2,029	2,029	0	0	0	2,029	2,029	0	0	0
U. Delaware	30,541 i	17,759 i	3,746 i	4,160 i	4,876 i	28,148	15,366	3,746	4,160	4,876
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.	3,783	1,216	42	2,219	306	3,319	1,117	42	1,966	194
Catholic U. of America	8,674	4,772	2,013	1,704	185	8,433	4,762	2,013	1,658	0
Gallaudet U.	556	191	0	365	0	426	191	0	235	0
George Washington U.	30,910	14,957	4,927	9,862	1,164	25,470	12,946	4,828	7,033	663
Georgetown U.	19,896	10,984	3,408	5,186	318	15,152	9,911	2,720	2,203	318
Howard U.	9,958	6,313	57	697	2,891	7,236	4,213	0	147	2,876
Florida										
Public										
Florida A&M U.	5,537	1,733	2,048	142	1,614	5,511	1,733	2,048	142	1,588
Florida Atlantic U.	3,693	2,211	337	19	1,126	3,693	2,211	337	19	1,126
Florida Gulf Coast U.	2,201	446	33	349	1,373	1,837	189	33	280	1,335
Florida International U.	32,348	17,289	8,385	2,834	3,840	25,707	11,847	8,175	2,101	3,584
Florida Polytechnic U.	283	215	15	0	53	216	148	15	0	53
Florida State U.	17,114	6,982	924	3,842	5,366	16,401	6,522	914	3,842	5,123
U. Central Florida	24,737 i	7,863 i	10,659 i	1,885 i	4,330 i	22,245	7,010	10,318	1,481	3,436
U. Florida	103,467	54,632	18,381	14,989	15,465	90,881	49,211	16,203	11,289	14,178
U. North Florida	7,523	3,686	107	359	3,371	5,705	2,959	2	132	2,612
U. South Florida ^b	57,291	12,081	2,220	6,658	36,332	56,122	11,903	2,183	6,507	35,529
U. West Florida	1,288	620	172	0	496	1,261	597	168	0	496
Private										
Embry-Riddle Aeronautical U.	2,891 i	2,763 i	128 i	0	0	2,455	2,378	77	0	0
Florida Institute of Technology	2,330	621	1,287	233	189	2,197	574	1,287	147	189

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Nova Southeastern U.	2,079	1,551	209	75	244	1,908	1,398	208	58	244
U. Miami	55,938	24,490	16,042	10,231	5,175	53,236	23,112	15,412	9,559	5,153
Georgia										
Public										
Augusta U.	5,880	5,077	713	90	0	5,880	5,077	713	90	0
Fort Valley State U.	529	529	0	0	0	529	529	0	0	0
Georgia Institute of Technology	115,787	2,544	37,811	5,014	70,418	111,349	783	37,007	3,950	69,609
Georgia Southern U.	1,005	418	172	164	251	895	374	172	98	251
Georgia State U.	13,920	7,136	1,904	1,752	3,128	10,157	6,154	1,019	545	2,439
Kennesaw State U.	327	327	0	0	0	327	327	0	0	0
Savannah State U.	561	561	0	0	0	561	561	0	0	0
U. Georgia	49,954	33,479	3,179	7,520	5,776	48,198	32,078	3,179	7,379	5,562
U. North Georgia	500	500	0	0	0	474	474	0	0	0
Private										
Clark Atlanta U.	283	283	0	0	0	283	283	0	0	0
Emory U.	106,165	54,368	12,804	32,681	6,312	90,524	50,226	7,277	28,532	4,489
Mercer U.	4,032	378	3,654	0	0	337	337	0	0	0
Morehouse C.	563	563	0	0	0	563	563	0	0	0
Morehouse School of Medicine	10,031	10,031	0	0	0	10,031	10,031	0	0	0
Spelman C.	306	306	0	0	0	306	306	0	0	0
Hawaii										
Public										
U. Hawaii, Hilo	447	235	48	109	55	447	235	48	109	55
U. Hawaii, Manoa	22,733	7,544	1,787	4,004	9,398	22,568	7,501	1,787	3,882	9,398
U. Hawaii, system office	0	0	0	0	0	0	0	0	0	0
Private										
Hawaii Pacific U.	582	582	0	0	0	557	557	0	0	0
Idaho										
Public										
Boise State U.	6,763	3,880	203	2,488	192	6,742	3,859	203	2,488	192
Idaho State U.	2,805	2,159	250	19	377	2,796	2,159	250	19	368
U. Idaho	8,690	4,899	69	535	3,187	8,210	4,716	69	409	3,016

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Illinois										
Public										
Chicago State U.	885	885	0	0	0	885	885	0	0	0
Illinois State U.	965	901	39	25	0	960	896	39	25	0
Northeastern Illinois U.	246	219	0	27	0	246	219	0	27	0
Northern Illinois U.	3,188	1,230	188	1,697	73	3,109	1,173	188	1,675	73
Southern Illinois U., Carbondale	5,266	1,584	550	135	2,997	4,600	1,405	357	0	2,838
Southern Illinois U., Edwardsville	1,107	6	0	66	1,035	1,107	6	0	66	1,035
U. Illinois, Chicago	56,633	33,678	9,687	10,037	3,231	53,906	31,974	9,585	9,184	3,163
U. Illinois, Springfield	0	0	0	0	0	0	0	0	0	0
U. Illinois, Urbana-Champaign	72,710	39,267	10,796	4,644	18,003	65,242	36,599	10,682	3,755	14,206
Western Illinois U.	2,305	2,143	0	0	162	2,305	2,143	0	0	162
Private										
DePaul U.	545	467	0	52	26	519	467	0	52	0
Erikson Institute	51	39	0	12	0	39	39	0	0	0
Illinois Institute of Technology	5,460	1,920	841	124	2,575	5,154	1,912	586	81	2,575
Loyola U., Chicago	6,933	5,678	184	566	505	6,184	5,127	184	403	470
Midwestern U.	268	104	0	0	164	247	83	0	0	164
Northwestern U.	98,900	59,283	27,510	11,677	430	74,094	55,071	9,076	9,580	367
Rosalind Franklin U. of Medicine and Science	793	786	0	7	0	786	786	0	0	0
Rush U.	19,934	16,346	0	2,180	1,408	17,771	14,340	0	2,038	1,393
Toyota Technological Institute, Chicago	254	254	0	0	0	254	254	0	0	0
U. Chicago	98,601	64,803	18,843	12,054	2,901	92,853	60,803	18,700	10,908	2,442
Indiana										
Public										
Ball State U.	923	379	0	179	365	740	344	0	83	313
Indiana State U.	111	107	0	0	4	111	107	0	0	4
Indiana U., Bloomington	71,027	36,115	9,444	21,429	4,039	56,299	32,937	3,399	16,489	3,474
Indiana U.-Purdue U., Indianapolis	6,204	2,901	861	1,296	1,146	5,541	2,734	861	909	1,037
Purdue U., Fort Wayne	330	54	127	5	144	6	0	1	5	0
Purdue U., Northwest	1,633	825	92	27	689	1,110	628	88	0	394
Purdue U., West Lafayette	88,996	35,678	15,750	9,324	28,244	59,104	32,958	14,347	5,620	6,179

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Private										
Butler U.	93	3	0	90	0	3	3	0	0	0
U. Notre Dame	35,331	12,426	15,762	3,083	4,060	31,873	10,791	15,263	2,145	3,674
Iowa										
Public										
Iowa State U.	34,446	14,845	4,689	4,289	10,623	31,456	12,890	4,642	3,633	10,291
U. Iowa	12,124	1,925	1,813	1,619	6,767	12,124	1,925	1,813	1,619	6,767
U. Northern Iowa	1,137	426	0	0	711	1,137	426	0	0	711
Private										
Des Moines U.	88	88	0	0	0	87	87	0	0	0
Drake U.	759	165	7	71	516	669	153	0	0	516
Grinnell C.	92	92	0	0	0	51	51	0	0	0
Palmer C. of Chiropractic, Davenport	50	50	0	0	0	50	50	0	0	0
Kansas										
Public										
Kansas State U.	12,238	4,993	2,460	3,811	974	10,692	4,212	2,260	3,258	962
Pittsburg State U.	441	286	0	0	155	441	286	0	0	155
U. Kansas	44,030	20,471	3,485	4,976	15,098	39,347	18,473	2,761	4,451	13,662
Wichita State U.	4,827	1,877	835	1,243	872	4,706	1,853	821	1,239	793
Kentucky										
Public										
Kentucky State U.	27	24	2	1	0	27	24	2	1	0
Morehead State U.	759	0	345	414	0	759	0	345	414	0
Murray State U.	785	614	58	89	24	650	613	0	36	1
Northern Kentucky U.	1,205	467	0	0	738	1,205	467	0	0	738
U. Kentucky	51,560	18,395	9,627	4,279	19,259	48,486	15,717	9,482	4,129	19,158
U. Louisville	29,890	9,089	12,346	4,070	4,385	24,697	7,599	9,362	3,690	4,046
Western Kentucky U.	2,404	1,226	405	289	484	1,803	1,226	334	243	0
Louisiana										
Public										
Grambling State U.	750	162	48	0	540	210	162	48	0	0
Louisiana State U., Baton Rouge	24,648	18,293	1,699	1,586	3,070	24,010	18,292	1,690	1,570	2,458

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Louisiana State U., Health Sciences Center, New Orleans	6,721	3,365	608	925	1,823	6,604	3,248	608	925	1,823
Louisiana State U., Health Sciences Center, Shreveport	983	967	16	0	0	983	967	16	0	0
Louisiana Tech U.	3,277	788	85	1,459	945	3,258	781	85	1,447	945
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0
Southeastern Louisiana U.	815	749	0	0	66	815	749	0	0	66
Southern U. and A&M C., Agricultural Research and Extension Center	783	83	0	700	0	783	83	0	700	0
Southern U. and A&M C., Baton Rouge	621	0	595	0	26	0	0	0	0	0
U. Louisiana, Lafayette	9,331	3,441	573	529	4,788	7,714	2,347	550	29	4,788
U. Louisiana, Monroe	1,328	947	126	102	153	1,186	947	85	1	153
U. New Orleans	1,285	641	40	318	286	1,166	593	2	285	286
Private										
Dillard U.	73	26	0	0	47	73	26	0	0	47
Tulane U.	31,415	19,326	5,191	5,518	1,380	26,366	16,328	4,513	4,208	1,317
Xavier U. Louisiana	1,984	541	0	806	637	1,013	532	0	429	52
Maine										
Public										
U. Maine	22,888	5,616	7,963	25	9,284	21,933	5,331	7,784	25	8,793
U. Southern Maine	1,354	714	0	640	0	1,210	708	0	502	0
Private										
Bates C.	743	319	0	424	0	743	319	0	424	0
Bowdoin C.	420	100	0	299	21	420	100	0	299	21
Colby C.	279	89	0	171	19	229	61	0	149	19
U. New England	905	224	126	555	0	404	180	0	224	0
Maryland										
Public										
Bowie State U.	769	769	0	0	0	769	769	0	0	0
Morgan State U.	8,306	6,232	888	1,186	0	8,292	6,218	888	1,186	0
Salisbury U.	1,649	1,354	0	295	0	1,038	779	0	259	0
Towson U.	728	49	363	236	80	704	49	339	236	80
U. Baltimore	1,001	178	0	84	739	1,001	178	0	84	739
U. Maryland ^c	103,954	38,527	10,024	32,417	22,986	84,327	35,870	7,747	21,500	19,210
U. Maryland Center for Environmental Science	3,679	1,633	76	1,035	935	2,730	1,578	76	223	853

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
U. Maryland, Baltimore County	22,841	16,087	532	742	5,480	22,763	16,009	532	742	5,480
U. Maryland, Eastern Shore	947	947	0	0	0	947	947	0	0	0
U.S. Naval Academy	2,159	251	0	1,908	0	1,908	0	0	1,908	0
Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
Private										
Johns Hopkins U. ^d	158,107	78,043	22,793	46,018	11,253	130,221	68,169	18,814	34,726	8,512
Massachusetts										
Public										
Framingham State U.	14 i	14 i	0 i	0 i	0 i	14 i	14 i	0 i	0 i	0 i
U. Massachusetts, Amherst	30,189	15,053	4,660	3,913	6,563	27,545	13,516	3,861	3,605	6,563
U. Massachusetts, Boston	7,106	2,437	397	3,271	1,001	4,783	2,172	325	1,920	366
U. Massachusetts, Dartmouth	3,204	806	525	1,544	329	3,104	746	485	1,544	329
U. Massachusetts, Lowell	14,306 i	7,692 i	2,681 i	2,702 i	1,231 i	13,631	7,461	2,568	2,587	1,015
U. Massachusetts, Medical School	33,745	18,980	2,656	11,561	548	28,183	17,007	2,470	8,158	548
Private										
Amherst C.	71	71	0	0	0	71	71	0	0	0
Babson C.	43 i	43 i	0 i	0 i	0 i	32	32	0	0	0
Bentley U.	212	212	0	0	0	161	161	0	0	0
Boston C.	5,398	2,264	1,154	1,362	618	3,547	1,725	1,154	668	0
Boston U.	69,164	36,389	5,918	22,326	4,531	62,548	32,317	5,471	20,668	4,092
Brandeis U.	8,226	3,505	877	1,945	1,899	7,216	3,092	684	1,610	1,830
Clark U.	347	177	0	69	101	246	177	0	69	0
Franklin W. Olin C. of Engineering	271	271	0	0	0	253	253	0	0	0
Harvard U.	125,427	55,598	7,579	27,398	34,852	102,698	51,195	3,620	20,293	27,590
Massachusetts Institute of Technology	156,556	81,387	30,545	34,364	10,260	123,471	67,018	25,120	29,132	2,201
MGH Institute of Health Professions	600	600	0	0	0	600	600	0	0	0
Mount Holyoke C.	256	256	0	0	0	256	256	0	0	0
New England C. of Optometry	72	72	0	0	0	72	72	0	0	0
Northeastern U.	31,267	15,615	3,713	9,531	2,408	28,743	14,464	3,595	8,767	1,917
Smith C.	648	254	0	393	1	344	192	0	152	0
Suffolk U.	50	49	0	1	0	49	49	0	0	0
Tufts U.	20,070	8,572	17	64	11,417	19,955	8,538	0	0	11,417

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Wellesley C.	190	140	0	50	0	190	140	0	50	0
Western New England U.	131	131	0	0	0	131	131	0	0	0
Williams C.	95 i	95 i	0 i	0 i	0 i	95 i	95 i	0 i	0 i	0 i
Woods Hole Oceanographic Institution	23,222	9,219	8,773	4,275	955	22,082	8,976	8,731	3,420	955
Worcester Polytechnic Institute	7,492	3,168	3,092	1,206	26	7,205	3,057	3,067	1,073	8
Michigan										
Public										
Central Michigan U.	1,489	1,127	0	230	132	1,380	1,094	0	155	131
Eastern Michigan U.	500	401	32	67	0	468	401	0	67	0
Grand Valley State U.	796	467	0	0	329	597	362	0	0	235
Lake Superior State U.	974	47	0	0	927	974	47	0	0	927
Michigan State U.	66,049	40,531	10,539	9,132	5,847	61,367	38,554	8,543	8,670	5,600
Michigan Technological U.	14,119 i	2,610 i	8,623 i	1,218 i	1,668 i	13,535	2,410	8,527	1,120	1,478
Northern Michigan U.	258	54	0	0	204	258	54	0	0	204
Oakland U.	3,371	1,718	108	0	1,545	3,219	1,600	108	0	1,511
Saginaw Valley State U.	116 i	3 i	0 i	10 i	103 i	116 i	3 i	0 i	10 i	103 i
U. Michigan, Ann Arbor	163,108	82,052	23,751	41,120	16,185	141,901	75,135	15,455	36,026	15,285
U. Michigan, Dearborn	325	241	1	83	0	279	216	0	63	0
Wayne State U.	14,496	8,549	1,336	2,906	1,705	13,527	8,539	917	2,644	1,427
Western Michigan U. and Homer Stryker M.D. School of Medicine	1,943	696	242	106	899	1,623	596	242	34	751
Private										
Albion C.	53 i	53 i	0 i	0 i	0 i	53 i	53 i	0 i	0 i	0 i
Calvin U.	75	51	24	0	0	75	51	24	0	0
Hope C.	2,082	102	0	129	1,851	2,051	71	0	129	1,851
Kettering U.	208	161	0	0	47	203	161	0	0	42
Lawrence Technological U.	377	1	0	12	364	377	1	0	12	364
U. Detroit Mercy	125	78	47	0	0	125	78	47	0	0
Van Andel Research Institute	6,096	3,042	2,376	678	0	3,978	1,043	2,257	678	0
Minnesota										
Public										
Minnesota State U., Mankato	454 i	217 i	61 i	60 i	116 i	404 i	199 i	53 i	52 i	100 i
St. Cloud State U.	39	39	0	0	0	39	39	0	0	0

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Montana State U., Bozeman	11,736	7,215	1,361	2,204	956	9,586	5,893	1,090	1,822	781
Montana Technological U.	852	751	0	0	101	811	751	0	0	60
U. Montana, Missoula	19,350	8,554	1,377	1,162	8,257	19,276	8,483	1,377	1,159	8,257
Nebraska										
Public										
U. Nebraska, central administration	2,958	952	291	1,715	0	2,926	920	291	1,715	0
U. Nebraska, Kearney	1,956	1,261	0	14	681	1,356	1,176	0	14	166
U. Nebraska, Lincoln	25,451	14,935	736	3,034	6,746	25,341	14,908	680	3,007	6,746
U. Nebraska, Medical Center	36,260	14,387	10,474	7,445	3,954	20,670	12,696	2,842	3,636	1,496
U. Nebraska, Omaha	3,749	2,867	22	546	314	3,365	2,660	0	477	228
Private										
Creighton U.	5,589	3,562	35	1,992	0	5,589	3,562	35	1,992	0
Nevada										
Public										
Desert Research Institute	4,635	2,273	1,409	586	367	3,974	2,040	1,208	577	149
Nevada State C.	912	912	0	0	0	912	912	0	0	0
U. Nevada, Las Vegas	8,868	2,451	1,724	2,026	2,667	7,104	1,928	1,339	1,478	2,359
U. Nevada, Reno	15,951	10,351	1,478	1,834	2,288	13,666	8,628	1,392	1,520	2,126
Private										
Roseman U. of Health Sciences	30	30	0	0	0	30	30	0	0	0
New Hampshire										
Public										
Plymouth State U.	332	260	46	0	26	319	247	46	0	26
U. New Hampshire	35,593	21,327	2,465	5,637	6,164	34,836	20,680	2,442	5,637	6,077
Private										
Dartmouth C. and Dartmouth Hitchcock Medical Center	31,209	19,152	2,454	8,905	698	26,674	16,520	1,936	7,550	668
New Jersey										
Public										
C. New Jersey	321	198	0	123	0	321	198	0	123	0
Kean U.	140	111	0	0	29	140	111	0	0	29
Montclair State U.	842	595	0	246	1	552	404	0	147	1
New Jersey Institute of Technology	37,335	3,737	1,169	863	31,566	37,284	3,693	1,169	856	31,566

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Rowan U.	2,490	1,214	756	0	520	2,257	1,111	755	0	391
Rutgers, State U. New Jersey, Camden	1,480 i	443 i	58 i	26 i	953 i	1,392	419	36	0	937
Rutgers, State U. New Jersey, New Brunswick	60,564 i	35,488 i	6,597 i	8,617 i	9,862 i	60,517	35,474	6,597	8,617	9,829
Rutgers, State U. New Jersey, Newark	1,859 i	1,339 i	340 i	115 i	65 i	1,519	1,245	256	11	7
Stockton U.	133	20	15	13	85	123	14	15	9	85
William Paterson U.	1,498	168	490	6	834	1,483	168	490	0	825
Private										
Monmouth U.	90	15	0	0	75	87	12	0	0	75
Princeton U.	42,195	33,268	5,434	659	2,834	35,434	27,377	5,290	589	2,178
Seton Hall U.	37	37	0	0	0	37	37	0	0	0
Stevens Institute of Technology	8,126	1,867	5,141	339	779	7,525	1,660	4,856	268	741
New Mexico										
Public										
New Mexico Highlands U.	158 i	158 i	0 i	0 i	0 i	158 i	158 i	0 i	0 i	0 i
New Mexico Institute of Mining and Technology	15,636	1,510	3,199	6,299	4,628	15,177	1,510	3,199	6,299	4,169
New Mexico State U.	18,642	6,316	9,041	1,078	2,207	17,932	5,968	9,004	1,075	1,885
U. New Mexico	47,554	15,913	16,596	6,012	9,033	46,931	15,586	16,427	5,885	9,033
New York										
Public										
CUNY, Advanced Science Research Center	1,289	964	45	266	14	1,228	964	5	259	0
CUNY, Baruch C.	138	75	0	63	0	97	49	0	48	0
CUNY, Brooklyn C.	163	104	0	59	0	163	104	0	59	0
CUNY, C. Staten Island	238	162	7	69	0	238	162	7	69	0
CUNY, City C.	4,970	2,923	159	1,328	560	4,641	2,801	159	1,121	560
CUNY, Graduate Center	1,800	651	0	249	900	1,724	613	0	249	862
CUNY, Graduate School of Public Health and Health Policy	5,368	3,532	618	1,143	75	4,711	3,503	618	515	75
CUNY, Hunter C.	3,964	3,272	127	564	1	3,704	3,232	127	345	0
CUNY, John Jay C. of Criminal Justice	902	709	0	183	10	796	635	0	154	7
CUNY, Lehman C.	307	299	8	0	0	192	192	0	0	0
CUNY, New York City C. of Technology	57	15	0	42	0	57	15	0	42	0
CUNY, Queens C.	367	294	5	22	46	343	282	5	22	34
CUNY, system office	99	0	99	0	0	0	0	0	0	0

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

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	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
CUNY, York C.	0	0	0	0	0	0	0	0	0	0
SUNY, Binghamton U.	5,735	1,558	1,111	2	3,064	5,638	1,558	1,078	2	3,000
SUNY, Buffalo State	738	658	0	6	74	676	658	0	6	12
SUNY, C. Brockport	442	334	23	0	85	350	265	0	0	85
SUNY, C. of Environmental Science and Forestry	2,362	997	74	588	703	1,466	856	31	566	13
SUNY, C. of Optometry	101	95	0	6	0	101	95	0	6	0
SUNY, C. Plattsburgh	182	154	0	0	28	182	154	0	0	28
SUNY, Cobleskill	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Health Sciences U.	3,586	3,154	90	342	0	3,304	2,872	90	342	0
SUNY, Geneseo	14	10	0	4	0	10	10	0	0	0
SUNY, Oswego	0	0	0	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	3,800	772	2,356	39	633	3,723	772	2,356	39	556
SUNY, Stony Brook U.	25,754	13,765	2,458	8,073	1,458	24,104	13,170	2,429	7,648	857
SUNY, U. Albany	9,488	4,148	1,666	2,231	1,443	6,578	3,887	1,004	1,339	348
SUNY, U. Buffalo	20,909	9,775	3,619	1,660	5,855	16,643	9,167	3,549	1,250	2,677
SUNY, Upstate Medical U.	5,029	2,695	524	710	1,100	4,497	2,372	524	561	1,040
U.S. Military Academy	0	0	0	0	0	0	0	0	0	0
Private										
Albany C. of Pharmacy and Health Sciences	206	128	0	78	0	206	128	0	78	0
Albany Medical C.	1,732	1,196	17	519	0	1,732	1,196	17	519	0
Albert Einstein C. of Medicine	26,201	20,745	666	4,071	719	23,711	18,802	597	3,715	597
Alfred U.	294	252	42	0	0	292	250	42	0	0
Barnard C.	259	259	0	0	0	243	243	0	0	0
Canisius C.	33	33	0	0	0	33	33	0	0	0
Clarkson U.	1,825	1,103	372	224	126	1,420	942	362	116	0
Cold Spring Harbor Laboratory	11,811	6,265	2,005	2,659	882	10,641	5,824	1,775	2,270	772
Colgate U.	95	34	0	60	1	25	24	0	1	0
Columbia U. in the City of New York	151,435	77,750	13,878	27,477	32,330	122,960	68,428	12,563	20,752	21,217
Cornell U.	110,178	75,672	5,809	27,514	1,183	92,603	65,978	5,754	20,050	821
Fordham U.	1,113	934	0	38	141	1,113	934	0	38	141
Hamilton C.	114	110	0	4	0	114	110	0	4	0
Hobart and William Smith Colleges	473	35	0	0	438	444	25	0	0	419

TABLE 76

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	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Hofstra U.	506	109	0	397	0	345	87	0	258	0
Icahn School of Medicine at Mount Sinai	92,270	52,397	7,397	31,029	1,447	86,695	48,744	7,397	29,339	1,215
Ithaca C.	160	160	0	0	0	125	125	0	0	0
Long Island U.	502	495	0	7	0	502	495	0	7	0
Manhattan C.	4	4	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	839	585	0	181	73	581	576	0	0	5
New York Institute of Technology	440	440	0	0	0	440	440	0	0	0
New York Medical C.	1,697	1,382	315	0	0	1,697	1,382	315	0	0
New York U.	102,774	64,192	10,559	26,295	1,728	92,199	61,009	9,792	20,325	1,073
Pace U.	162	161	0	1	0	162	161	0	1	0
Pratt Institute	20	20	0	0	0	20	20	0	0	0
Rensselaer Polytechnic Institute	12,496	7,352	4,865	192	87	11,249	6,909	4,078	192	70
Rochester Institute of Technology	10,908	2,637	5,086	3,012	173	9,126	2,590	4,943	1,566	27
Rockefeller U.	14,764	9,181	31	5,552	0	13,846	9,181	31	4,634	0
Skidmore C.	92	92	0	0	0	80	80	0	0	0
St. John's U., New York	324	301	23	0	0	324	301	23	0	0
Syracuse U.	7,524	4,590	864	1,916	154	6,651	4,044	864	1,625	118
Teachers C., Columbia U.	4,449	2,056	0	1,985	408	2,755	1,490	0	1,135	130
U. Rochester	37,879	27,328	9,343	1,176	32	35,365	25,527	8,640	1,176	22
Union C., Schenectady	62	6	56	0	0	62	6	56	0	0
Vassar C.	284	58	0	203	23	73	49	0	24	0
Yeshiva U.	595	595	0	0	0	595	595	0	0	0
North Carolina										
Public										
Appalachian State U.	333	218	0	115	0	333	218	0	115	0
East Carolina U.	6,920	4,713	328	849	1,030	6,626	4,650	328	688	960
Elizabeth City State U.	492	492	0	0	0	270	270	0	0	0
Fayetteville State U.	479	479	0	0	0	0	0	0	0	0
North Carolina A&T State U.	5,293	3,520	182	531	1,060	5,274	3,520	182	522	1,050
North Carolina Central U.	2,078	812	168	553	545	863	668	0	49	146

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total						Federally financed					
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities		
North Carolina State U.	41,976	34,625	3,752	1,933	1,666	31,475	31,028	119	117	211		
U. North Carolina, Asheville	1,211	639	68	312	192	863	639	68	14	142		
U. North Carolina, Chapel Hill	187,739	99,125	14,065	28,706	45,843	166,765	87,970	12,265	21,755	44,775		
U. North Carolina, Charlotte	9,113	4,236	3,088	682	1,107	8,284	3,765	2,890	573	1,056		
U. North Carolina, general administration	0	0	0	0	0	0	0	0	0	0		
U. North Carolina, Greensboro	8,977	4,480	425	983	3,089	7,503	4,236	64	420	2,783		
U. North Carolina, Wilmington	3,389	1,186	1,033	182	988	2,360	989	676	90	605		
Western Carolina U.	108	76	0	7	25	85	53	0	7	25		
Winston-Salem State U.	466	466	0	0	0	466	466	0	0	0		
Private												
Davidson C.	101	93	0	0	8	93	93	0	0	0		
Duke U.	145,766	80,288	34,064	24,517	6,897	132,051	74,183	31,567	21,218	5,083		
Elon U.	186	174	0	12	0	163	151	0	12	0		
Johnson C. Smith U.	135	28	0	107	0	4	4	0	0	0		
Wake Forest U.	88,903	38,950	3,428	33,273	13,252	75,075	25,699	3,428	32,696	13,252		
North Dakota												
Public												
North Dakota State U.	11,581	3,273	967	1,033	6,308	11,102	3,188	887	1,033	5,994		
U. North Dakota	13,830	2,478	6,248	535	4,569	13,276	2,478	6,118	510	4,170		
Ohio												
Public												
Air Force Institute of Technology	442	98	344	0	0	442	98	344	0	0		
Bowling Green State U.	2,400	1,044	389	463	504	1,813	545	333	448	487		
Central State U.	225	209	0	0	16	225	209	0	0	16		
Cleveland State U.	1,278	888	333	57	0	38	38	0	0	0		
Kent State U.	4,115	2,649	509	270	687	3,094	1,941	317	213	623		
Miami U.	3,388	2,086	246	437	619	3,107	1,949	243	296	619		
Northeast Ohio Medical U.	670	414	13	216	27	534	374	13	120	27		
Ohio State U.	173,273	56,170	23,246	34,404	59,453	150,670	50,099	14,667	27,073	58,831		
Ohio U.	4,795	1,989	1,274	444	1,088	4,196	1,845	949	429	973		
U. Akron	4,847	2,127	1,826	429	465	4,558	1,977	1,731	429	421		
U. Cincinnati	60,506	31,250	3,437	18,623	7,196	54,402	28,804	3,326	15,198	7,074		

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Public										
East Stroudsburg U. Pennsylvania	0	0	0	0	0	0	0	0	0	0
Indiana U. Pennsylvania	1,086	201	0	844	41	958	191	0	767	0
Pennsylvania State U., Behrend	283	145	20	45	73	197	79	20	25	73
Pennsylvania State U., Harrisburg	1,586	208	0	0	1,378	1,505	127	0	0	1,378
Pennsylvania State U., University Park and Hershey Medical Center	76,252	42,753	21,229	6,926	5,344	70,537	39,335	20,476	5,636	5,090
Temple U.	25,004	17,938	2,006	4,639	421	22,934	16,616	1,915	3,982	421
U. Pittsburgh, Pittsburgh	177,564	71,349	16,208	82,353	7,654	165,305	65,847	14,057	79,424	5,977
U.S. Army War C.	19	0	5	14	0	19	0	5	14	0
West Chester U. Pennsylvania	464	396	0	68	0	231	231	0	0	0
Private										
Bryn Mawr C.	232	195	0	37	0	232	195	0	37	0
Bucknell U.	364	262	0	0	102	325	223	0	0	102
Carnegie Mellon U.	59,907	28,425	23,363	7,918	201	54,326	24,846	22,756	6,724	0
Drexel U.	18,843	10,152	4,257	2,560	1,874	17,092	9,369	4,175	1,987	1,561
Duquesne U.	1,701	1,168	31	315	187	1,168	804	31	149	184
Franklin and Marshall C.	307	99	0	206	2	283	77	0	206	0
Haverford C.	243	243	0	0	0	196	196	0	0	0
Lafayette C.	154	154	0	0	0	154	154	0	0	0
Lehigh U.	7,019	4,985	1,658	359	17	6,823	4,789	1,658	359	17
Mercyhurst U.	429	24	0	53	352	64	24	0	15	25
Philadelphia C. of Osteopathic Medicine	3,935	40	2,300	1,595	0	40	40	0	0	0
Robert Morris U.	91	51	12	21	7	80	46	10	18	6
Saint Joseph's U.	486	485	0	0	1	478	477	0	0	1
Swarthmore C.	218	150	0	68	0	218	150	0	68	0
Thomas Jefferson U.	13,194	7,566	1,071	4,067	490	11,322	7,003	711	3,328	280
U. Pennsylvania	115,627	60,608	9,226	42,102	3,691	105,609	57,681	8,210	36,395	3,323
Villanova U.	3,032	1,034	890	940	168	1,844	623	135	918	168
Rhode Island										
Public										
Naval War C.	0	0	0	0	0	0	0	0	0	0
Rhode Island C.	1,680	913	0	244	523	1,552	909	0	120	523

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
U. Rhode Island	13,210	7,291	1,948	2,676	1,295	13,139	7,286	1,909	2,649	1,295
Private										
Brown U.	36,583	17,901	1,898	12,572	4,212	33,637	16,852	1,439	11,138	4,208
Roger Williams U.	953	944	0	0	9	922	913	0	0	9
South Carolina										
Public										
C. Charleston	766	522	74	1	169	739	496	74	1	168
Citadel Military C. South Carolina	2,085	2,085	0	0	0	2,045	2,045	0	0	0
Clemson U.	40,720 i	17,767 i	6,055 i	5,961 i	10,937 i	38,737	17,084 i	5,571 i	5,460 i	10,622 i
Coastal Carolina U.	792	267	338	37	150	792	267	338	37	150
Medical U. South Carolina	25,761	16,223	6,041	3,201	296	21,759	15,662	3,993	1,808	296
South Carolina State U.	1,585 i	1,400 i	60 i	67 i	58 i	1,585 i	1,400 i	60 i	67 i	58 i
U. South Carolina, Aiken	152	0	24	128	0	152	0	24	128	0
U. South Carolina, Columbia	21,947	9,526	5,167	3,648	3,606	20,416	9,239	5,167	2,601	3,409
Winthrop U.	461	422	0	0	39	461	422	0	0	39
Private										
Clafin U.	727	229	0	0	498	727	229	0	0	498
Furman U.	786	586	25	135	40	596	524	0	32	40
South Dakota										
Public										
Black Hills State U.	1,191	1,113	0	0	78	1,191	1,113	0	0	78
Dakota State U.	1,116	1,116	0	0	0	1,108	1,108	0	0	0
South Dakota School of Mines and Technology	3,670	1,976	985	672	37	3,632	1,938	985	672	37
South Dakota State U.	7,890	3,042	718	469	3,661	5,957	2,510	564	243	2,640
U. South Dakota	3,268 i	2,852 i	151 i	265 i	0 i	2,013 i	1,597 i	151 i	265 i	0 i
Private										
Augustana U.	541	541	0	0	0	541	541	0	0	0
Tennessee										
Public										
Austin Peay State U.	17	8	0	0	9	17	8	0	0	9
East Tennessee State U.	649	405	44	200	0	405	405	0	0	0
Middle Tennessee State U.	1,849	570	0	947	332	1,040	560	0	148	332

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Tennessee State U.	1,316	1,316	0	0	0	1,058	1,058	0	0	0
Tennessee Technological U.	4,190	1,114	370	970	1,736	3,640	1,114	253	825	1,448
U. Memphis	7,706	2,068	1,475	1,870	2,293	5,848	1,855	1,450	550	1,993
U. Tennessee, Chattanooga	1,378 i	846 i	62 i	75 i	395 i	1,158	805	0	0	353
U. Tennessee, Health Science Center	7,808 i	5,819 i	390 i	1,098 i	501 i	7,049	5,560	269	968	252
U. Tennessee, Knoxville	31,599 i	16,876 i	6,546 i	2,903 i	5,274 i	29,184	16,050	6,191	2,502	4,441
Private										
Fisk U.	912	486	426	0	0	912	486	426	0	0
Meharry Medical C.	3,954	1,799	188	1,967	0	3,954	1,799	188	1,967	0
Vanderbilt U. and Vanderbilt U. Medical Center	131,766	61,697	21,019	37,477	11,573	126,199	57,601	20,569	36,481	11,548
Texas										
Public										
Lamar U.	164	152	0	0	12	152	152	0	0	0
Prairie View A&M U.	894	478	61	59	296	793	461	61	59	212
Sam Houston State U.	952	252	46	74	580	821	246	46	68	461
Stephen F. Austin State U.	476	336	0	53	87	139	0	0	52	87
Sul Ross State U.	411 i	35 i	0 i	0 i	376 i	317 i	35 i	0 i	0 i	282 i
Tarleton State U.	1,032	50	4	0	978	807	50	0	0	757
Texas A&M International U.	88	88	0	0	0	88	88	0	0	0
Texas A&M U., College Station and Health Science Center	147,923	42,387	16,568	27,051	61,917	134,926	38,282	14,296	24,002	58,346
Texas A&M U.-Commerce	214	38	0	69	107	212	37	0	69	106
Texas A&M U.-Corpus Christi	9,155	6,739	310	453	1,653	8,892	6,715	297	435	1,445
Texas A&M U.-Kingsville	1,769	760	100	0	909	1,548	745	100	0	703
Texas A&M U.-San Antonio	0	0	0	0	0	0	0	0	0	0
Texas Southern U.	1,845	467	38	322	1,018	1,845	467	38	322	1,018
Texas State U.	1,672	1,223	442	7	0	1,317	1,024	293	0	0
Texas Tech U.	13,141 i	5,270 i	3,085 i	1,741 i	3,045 i	10,633	4,413	2,669	1,313	2,238
Texas Tech U., Health Sciences Center	5,014	1,308	233	0	3,473	1,425	1,192	233	0	0
Texas Tech U., Health Sciences Center, El Paso	3,582	1,213	0	0	2,369	830	830	0	0	0
Texas Woman's U.	337	337	0	0	0	337	337	0	0	0
U. Houston	17,268	9,309	3,113	1,502	3,344	15,753	7,950	3,105	1,430	3,268
U. Houston-Clear Lake	312	181	50	46	35	312	181	50	46	35

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
U. Houston-Downtown	107	70	0	0	37	107	70	0	0	37
U. North Texas, Denton	6,555	2,327	1,478	619	2,131	5,400	2,092	1,466	619	1,223
U. North Texas, Health Science Center	1,564 i	777 i	277 i	350 i	160 i	1,280 i	700 i	162 i	329 i	89 i
U. Texas Health Science Center, Houston	44,968	33,374	2,541	5,500	3,553	39,351	28,553	2,541	5,500	2,757
U. Texas Health Science Center, San Antonio	17,644 i	10,808 i	1,823 i	4,048 i	965 i	14,682	10,007	967	3,446	262
U. Texas Health Science Center, Tyler	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	40,586	23,758	6,375	10,382	71	32,102	20,323	2,647	9,071	61
U. Texas Medical Branch	26,776	11,282	4,487	5,615	5,392	21,261	11,149	4,487	5,615	10
U. Texas of the Permian Basin	536	496	0	0	40	214	214	0	0	0
U. Texas Rio Grande Valley	3,769	3,022	0	326	421	3,214	2,895	0	274	45
U. Texas Southwestern Medical Center	31,943	17,535	2,979	6,869	4,560	28,306	16,138	2,660	5,804	3,704
U. Texas, Arlington	15,923	10,438	1,879	994	2,612	15,254	9,895	1,851	930	2,578
U. Texas, Austin	237,274	51,774	80,393	59,764	45,343	106,271	43,787	6,431	13,871	42,182
U. Texas, Dallas	4,876	1,779	0	0	3,097	1,620	1,620	0	0	0
U. Texas, El Paso	20,467	6,080	1,736	11,145	1,506	19,999	5,891	1,736	10,902	1,470
U. Texas, San Antonio	9,661	4,880	7	2,121	2,653	9,080	4,792	0	1,952	2,336
U. Texas, Tyler	410	383	0	0	27	410	383	0	0	27
West Texas A&M U.	398	66	0	0	332	398	66	0	0	332
Private										
Abilene Christian U.	0	0	0	0	0	0	0	0	0	0
Baylor C. of Medicine	63,395	45,839	1,514	16,042	0	52,536	42,489	1,051	8,996	0
Baylor U.	3,316	2,375	775	106	60	2,415	1,512	775	68	60
Rice U.	24,193	14,446	3,243	1,330	5,174	22,866	13,119	3,243	1,330	5,174
Southern Methodist U.	4,005	3,329	444	91	141	3,295	2,848	444	3	0
St. Edward's U.	152	152	0	0	0	152	152	0	0	0
Texas Christian U.	1,039	902	26	92	19	966	848	26	92	0
Trinity U.	226	76	0	150	0	165	65	0	100	0
U. of the Incarnate Word	37	5	0	32	0	37	5	0	32	0
Utah										
Public										
U. Utah	59,590	33,337	9,297	7,452	9,504	59,585	33,332	9,297	7,452	9,504
Utah State U.	56,884	9,921	44,671	209	2,083	56,884	9,921	44,671	209	2,083

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Utah Valley U.	41	14	0	27	0	41	14	0	27	0
Private										
Brigham Young U., Provo	10,536 i	5,558 i	1,808 i	1,353 i	1,817 i	10,150	5,414	1,734	1,226	1,776
Vermont										
Public										
U. Vermont	26,822	15,915	1,630	6,253	3,024	25,250	15,531	1,454	5,803	2,462
Private										
Middlebury C.	765	689	0	76	0	753	689	0	64	0
Virginia										
Public										
Christopher Newport U.	211	0	211	0	0	211	0	211	0	0
Eastern Virginia Medical School	3,218	2,426	747	45	0	2,987	2,195	747	45	0
George Mason U.	23,829	9,644	11,154	1,549	1,482	23,243	9,585	11,101	1,246	1,311
James Madison U.	378 i	231 i	31 i	47 i	69 i	206	177	0	16	13
Norfolk State U.	576	362	214	0	0	576	362	214	0	0
Old Dominion U.	10,813	3,613	1,845	3,900	1,455	10,154	3,310	1,845	3,881	1,118
U. of Mary Washington	191	163	0	0	28	163	163	0	0	0
U. Virginia's C. Wise	682	25	0	59	598	186	25	0	54	107
U. Virginia, Charlottesville	85,142	32,495	20,058	12,660	19,929	74,811	29,955	16,741	9,957	18,158
Virginia Commonwealth U.	17,365 i	8,575 i	3,417 i	3,585 i	1,788 i	10,424	7,320	1,442	1,217	445
Virginia Military Institute	1,262	1,262	0	0	0	1,047	1,047	0	0	0
Virginia Polytechnic Institute and State U.	54,171 i	26,600 i	21,610 i	1,846 i	4,115 i	48,857	25,636	19,106	0	4,115
Virginia State U.	567	567	0	0	0	567	567	0	0	0
William & Mary	13,255	2,575	677	1,853	8,150	11,273	1,825	515	1,594	7,339
Private										
Edward Via C. of Osteopathic Medicine	165	8	13	54	90	98	8	0	0	90
Hampton U.	661	661	0	0	0	661	661	0	0	0
Marymount U.	35	0	35	0	0	35	0	35	0	0
U. Richmond	66	25	0	0	41	25	25	0	0	0
Washington										
Public										
Central Washington U.	300	158	0	142	0	300	158	0	142	0

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Eastern Washington U.	302	80	0	2	220	2	2	0	0	0
Northwest Indian C.	0	0	0	0	0	0	0	0	0	0
U. Washington, Bothell	686	313	0	373	0	280	233	0	47	0
U. Washington, Seattle	235,310	83,007	16,108	107,132	29,063	213,134	74,747	15,374	97,462	25,551
U. Washington, Tacoma	2,458	126	345	112	1,875	2,416	89	345	112	1,870
Washington State U.	26,699	13,066	2,022	4,674	6,937	24,924	13,026	2,019	3,163	6,716
Western Washington U.	1,180	767	0	245	168	1,137	752	0	217	168
Private										
Seattle U.	132	132	0	0	0	105	105	0	0	0
U. Puget Sound	63	63	0	0	0	63	63	0	0	0
Whitman C.	70	70	0	0	0	70	70	0	0	0
West Virginia										
Public										
Marshall U.	3,496	1,649	61	158	1,628	3,234	1,580	0	74	1,580
West Virginia School of Osteopathic Medicine	479	479	0	0	0	468	468	0	0	0
West Virginia State U.	292	257	0	0	35	257	257	0	0	0
West Virginia U.	23,659	8,761	6,068	4,197	4,633	21,484	8,175	5,438	3,754	4,117
Private										
U. Charleston	217	217	0	0	0	217	217	0	0	0
Wisconsin										
Public										
U. Wisconsin-Eau Claire	38	38	0	0	0	37	37	0	0	0
U. Wisconsin-Green Bay	56	2	18	14	22	51	2	17	12	20
U. Wisconsin-La Crosse	667	272	0	0	395	627	232	0	0	395
U. Wisconsin-Madison	125,884	70,110	8,671	19,690	27,413	112,769	64,929	6,310	14,266	27,264
U. Wisconsin-Milwaukee	4,682	2,400	509	610	1,163	4,282	2,312	403	533	1,034
U. Wisconsin-Oshkosh	420	390	0	0	30	420	390	0	0	30
U. Wisconsin-Platteville	54	35	3	5	11	45	30	2	4	9
U. Wisconsin-Stevens Point	607	515	1	17	74	338	287	1	0	50
U. Wisconsin-Superior	197	113	0	0	84	197	113	0	0	84
Private										
Marquette U.	2,452	1,846	243	363	0	2,452	1,846	243	363	0

TABLE 76

Total and federally financed higher education R&D expenditures received as a subrecipient, by state, institutional control, and institution: FY 2022

(Dollars in thousands)

State, institutional control, and institution	Total					Federally financed				
	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities	All R&D expenditures received	From higher education pass-through entities	From businesses	From nonprofit organizations	From other pass-through entities
Medical C. Wisconsin	20,769	7,997	1,146	8,702	2,924	18,202	7,118	1,146	7,164	2,774
Milwaukee School of Engineering	362	362	0	0	0	280	280	0	0	0
Northland C.	30 i	0 i	4 i	15 i	11 i	29 i	0 i	4 i	14 i	11 i
Wyoming										
Public										
U. Wyoming	11,019	5,338	1,026	165	4,490	11,019	5,338	1,026	165	4,490
Guam										
Public										
U. Guam	1,305	1,201	0	86	18	1,255	1,201	0	36	18
Puerto Rico										
Public										
U. Puerto Rico, Cayey	90	90	0	0	0	90	90	0	0	0
U. Puerto Rico, Humacao	111	111	0	0	0	111	111	0	0	0
U. Puerto Rico, Mayaguez	1,574	1,323	0	112	139	1,323	1,323	0	0	0
U. Puerto Rico, Medical Sciences Campus	6,344	5,870	0	474	0	6,344	5,870	0	474	0
U. Puerto Rico, Rio Piedras	2,552	2,216	0	3	333	2,552	2,216	0	3	333
Private										
U. Ana G. Mendez, Gurabo	0	0	0	0	0	0	0	0	0	0
U. Central del Caribe	1,900	1,299	0	0	601	1,140	1,140	0	0	0
Virgin Islands										
Public										
U. of the Virgin Islands	4,070	838	48	74	3,110	2,938	838	0	0	2,100

i = imputed.

^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 received as a subrecipient in FY 2022.

Note(s):

This table includes only institutions reporting \$1 million or more in total R&D expenditures in 2021. Institutions reporting less than \$1 million in total R&D expenditures in 2021 completed a shorter version of the survey form in FY 2022, 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 85.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2022.