

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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	9,514,892	5,187,467	1,711,781	1,724,170	891,474	8,205,341	4,657,136	1,379,718	1,442,979	725,508
Alabama										
Public										
Alabama A&M U.	615	565	50	0	0	615	565	50	0	0
Alabama State U.	401	401	0	0	0	401	401	0	0	0
Auburn U., Auburn	11,288	6,372 i	2,271 i	720 i	1,925 i	10,896	6,018 i	2,233 i	720 i	1,925 i
Troy U.	262	150	0	112	0	262	150	0	112	0
U. Alabama, Birmingham	71,988	44,505	14,802	11,531	1,150	67,401	43,724	14,021	8,510	1,146
U. Alabama, Huntsville	11,413	10,114	155	958	186	11,065	9,952	155	958	0
U. Alabama, Tuscaloosa	16,696	10,691	2,994	2,470	541	16,496	10,649	2,911	2,414	522
U. South Alabama	8,420	6,145	867	326	1,082	7,348	5,081	867	326	1,074
Private										
Tuskegee U.	735	608	127	0	0	735	608	127	0	0
Alaska										
Public										
U. Alaska, Anchorage	799	0	NA	NA	799 i	799	0	0 i	0 i	799 i
U. Alaska, Fairbanks	24,303	30	NA	21 i	24,252 i	24,303	30	0 i	21 i	24,252 i
U. Alaska, Southeast	0	0	0	0	0	0	0	0	0	0
Private										
Alaska Pacific U.	0	0	0	0	0	0	0	0	0	0
Arizona										
Public										
Arizona State U.	63,564	32,692	9,279	16,137	5,456	53,848	28,269	8,188	13,272	4,119
Dine C.	762	699	0	0	63	699	699	0	0	0
Northern Arizona U.	6,535	3,588	427	1,702	818	5,901	2,967	427	1,693	814
U. Arizona	73,221	31,486	26,858	12,556	2,321	70,817	29,634	26,522	12,340	2,321
Arkansas										
Public										
Arkansas State U., Jonesboro	372	372	0	0	0	367	367	0	0	0
U. Arkansas for Medical Sciences	12,293	10,246	487	1,460	100	11,798	9,851	484	1,363	100
U. Arkansas, Fayetteville	14,359	12,127	859	818	555	12,671	11,044	859	593	175
U. Arkansas, Little Rock	1,321	1,321	0	0	0	1,282	1,282	0	0	0
U. Arkansas, Pine Bluff	521	461	0	0	60	521	461	0	0	60

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U. Central Arkansas	191	41	57	0	93	191	41	57	0	93
California										
Public										
California Polytechnic State U., San Luis Obispo	1,292	776	0	304	212	857	381	0	301	175
California State Polytechnic U., Humboldt	829	198	372	94	165	100	0	55	45	0
California State Polytechnic U., Pomona	185	99	37	0	49	185	99	37	0	49
California State U., Bakersfield	72	72	0	0	0	72	72	0	0	0
California State U., Channel Islands	81	81	0	0	0	81	81	0	0	0
California State U., Chico	991	956	0	3	32	951	951	0	0	0
California State U., Dominguez Hills	312	214	0	0	98	214	214	0	0	0
California State U., East Bay	4,775	1,004	404	922	2,445	4,555	840	404	922	2,389
California State U., Fresno	428	302	126	0	0	311	251	60	0	0
California State U., Fullerton	729	282	395	52	0	668	282	386	0	0
California State U., Long Beach	1,621	903	22	524	172	1,212	853	15	172	172
California State U., Los Angeles	195	149	0	46	0	181	135	0	46	0
California State U., Monterey Bay	1,365	1,365	0	0	0	575	575	0	0	0
California State U., Northridge	976	804	56	116	0	911	763	32	116	0
California State U., Sacramento	6,076	49	3,581	2,416	30	2,860	29	415	2,416	0
California State U., San Bernardino	577	547	0	30	0	264	264	0	0	0
California State U., San Marcos	593	459	0	134	0	585	451	0	134	0
California State U., Stanislaus	28	28	0	0	0	16	16	0	0	0
Naval Postgraduate School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
San Diego State U.	7,429	3,675	199	2,592	963	6,414	3,262	199	2,300	653
San Francisco State U.	1,233	1,063	2	116	52	1,032	949	0	51	32
San Jose State U.	3,528	3,112	0	133	283	1,118	1,111	0	0	7
Sonoma State U.	830	342	0	488	0	830	342	0	488	0
U. California, Berkeley	100,754	56,989	19,010	13,328	11,427	81,745	46,525	15,491	10,934	8,795
U. California, Davis	69,085	38,714	13,206	9,259	7,906	56,144	31,952	10,641	7,510	6,041
U. California, Irvine	37,809	32,002	2,024	3,442	341	31,070	26,411	1,551	3,108	0
U. California, Los Angeles	182,123	101,463	35,125	24,665	20,870	157,887	89,863	29,921	21,124	16,979
U. California, Merced	2,653	971	345	242	1,095	1,758	971	345	242	200
U. California, Office of the President	224	0	0	0	224	0	0	0	0	0
U. California, Riverside	14,755	13,876	365	514	0	11,846	11,074	258	514	0

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Colorado School of Mines	10,422	6,948	3,012	329	133	9,636	6,239	3,010	254	133
Colorado State U., Fort Collins	27,668	18,794	3,471	1,893	3,510	22,887	15,675	2,991	1,820	2,401
Colorado State U., Pueblo	0	0	0	0	0	0	0	0	0	0
Fort Lewis C.	306	260	14	32	0	292	260	0	32	0
U. Colorado Anschutz Medical Campus	75,749	41,421	5,197	26,034	3,097	65,207	38,520	4,038	20,896	1,753
U. Colorado Boulder	75,022	42,147	24,074	5,064	3,737	67,420	38,674	21,235	4,329	3,182
U. Colorado Colorado Springs	860	604	138	73	45	815	604	138	73	0
U. Colorado Denver	987	500	266	221	0	920	500	199	221	0
U. Northern Colorado	285	285	0	0	0	282	282	0	0	0
U.S. Air Force Academy	0	0	0	0	0	0	0	0	0	0
Private										
Colorado C.	12	12	0	0	0	12	12	0	0	0
U. Denver	5,776	2,262	1,027	2,375	112	4,757	2,007	532	2,106	112
Connecticut										
Public										
Central Connecticut State U.	0	0	0	0	0	0	0	0	0	0
Eastern Connecticut State U.	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	148	48	0	100	0	148	48	0	100	0
U. Connecticut	35,205	24,368	1,684	8,014	1,139	33,684	23,463	1,596	7,656	969
U.S. Coast Guard Academy	0	0	0	0	0	0	0	0	0	0
Private										
Connecticut C.	91	91	0	0	0	91	91	0	0	0
Fairfield U.	0	0	0	0	0	0	0	0	0	0
Hartford International U. for Religion and Peace	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	201	201	0	0	0	201	201	0	0	0
U. Hartford	339	242	2	95	0	312	227	2	83	0
U. New Haven	376	103	0	273	0	376	103	0	273	0
Wesleyan U.	114	114	0	0	0	114	114	0	0	0
Yale U.	94,742	51,139	2,964	33,362	7,277	87,124	47,707	2,721	30,673	6,023
Delaware										
Public										
Delaware State U.	2,378	2,359	0	8	11	2,378	2,359	0	8	11

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Albany State U.	80	23	36	0	21	0	0	0	0	0
Augusta U.	5,696	4,176	21	1,499	0	5,438	4,075	21	1,342	0
Fort Valley State U.	53	53	0	0	0	53	53	0	0	0
Georgia Institute of Technology	232,687	39,474	186,860	2,661	3,692	222,212	35,757	182,551	1,902	2,002
Georgia Southern U.	124	116	0	8	0	80	72	0	8	0
Georgia State U.	13,035	5,679	288	4,554	2,514	11,534	5,659	42	3,734	2,099
Kennesaw State U.	0	0	0	0	0	0	0	0	0	0
Savannah State U.	108	108	0	0	0	108	108	0	0	0
U. Georgia	38,861	26,611	1,031	9,250	1,969	37,317	25,704	584	9,216	1,813
U. North Georgia	0	0	0	0	0	0	0	0	0	0
Private										
Clark Atlanta U.	896	896	0	0	0	896	896	0	0	0
Emory U.	154,670	58,615	25,780	54,950	15,325	121,566	53,898	13,066	45,425	9,177
Mercer U.	2,085	27	1,738	320	0	2,080	27	1,733	320	0
Morehouse C.	966	966	0	0	0	966	966	0	0	0
Morehouse School of Medicine	6,357	4,315	0	2,042	0	5,735	3,932	0	1,803	0
Spelman C.	83	83	0	0	0	83	83	0	0	0
Hawaii										
Public										
U. Hawaii, Hilo	192	11	61	67	53	192	11	61	67	53
U. Hawaii, Manoa	16,070	6,517	4,332	4,055	1,166	14,411	6,315	3,831	3,653	612
U. Hawaii, Maui C.	227	0	58	169	0	227	0	58	169	0
U. Hawaii, system office	3,156	3,125	31	0	0	3,156	3,125	31	0	0
Private										
Hawaii Pacific U.	40	40	0	0	0	40	40	0	0	0
Idaho										
Public										
Boise State U.	2,688	2,502	0	71	115	2,523	2,348	0	71	104
Idaho State U.	395	374	0	0	21	395	374	0	0	21
U. Idaho	9,416	8,853	46	192	325	8,766	8,203	46	192	325
Illinois										
Public										
Chicago State U.	239	239	0	0	0	239	239	0	0	0

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Illinois State U.	4,083	1,981	161	1,262	679	3,168	1,227	0	1,262	679
Northeastern Illinois U.	238	146	0	92	0	238	146	0	92	0
Northern Illinois U.	338	122	60	0	156	331	115	60	0	156
Southern Illinois U., Carbondale	1,320	1,304	0	0	16	665	651	0	0	14
Southern Illinois U., Edwardsville	400	0	4	34	362	267	0	0	7	260
U. Illinois, Chicago	29,498	20,576	1,058	3,632	4,232	23,013	17,003	665	3,024	2,321
U. Illinois, Springfield	67	0	0	0	67	63	0	0	0	63
U. Illinois, Urbana-Champaign	90,849	59,851	17,558	8,551	4,889	82,794	57,438	17,425	5,524	2,407
Western Illinois U.	2,021	1,579	248	11	183	2,021	1,579	248	11	183
Private										
DePaul U.	1,928	829	410	566	123	1,307	233	408	543	123
Erikson Institute	0	0	0	0	0	0	0	0	0	0
Illinois Institute of Technology	4,100	2,745	723	632	0	4,062	2,707	723	632	0
Loyola U., Chicago	3,621	2,676	150	227	568	3,311	2,472	135	227	477
Midwestern U.	281	213	0	53	15	281	213	0	53	15
Northwestern U.	106,606	590	203	105,813	0	100,022	561	0	99,461	0
Rosalind Franklin U. of Medicine and Science	763	423	340	0	0	713	373	340	0	0
Rush U.	22,334	13,972	0	7,351	1,011	20,188	12,629	0	6,643	916
Toyota Technological Institute, Chicago	134	134	0	0	0	134	134	0	0	0
U. Chicago	78,395	44,698	858	27,719	5,120	73,406	43,446	640	26,090	3,230
Wheaton C., Wheaton	154	154	0	0	0	134	134	0	0	0
Indiana										
Public										
Ball State U.	2,670	2,612	0	58	0	2,664	2,612	0	52	0
Indiana State U.	87	87	0	0	0	87	87	0	0	0
Indiana U., Bloomington	80,260	44,332	4,364	23,657	7,907	73,788	40,317	4,143	22,135	7,193
Indiana U., South Bend	38	38	0	0	0	38	38	0	0	0
Indiana U.-Purdue U., Indianapolis	2,858	1,138	19	1,323	378	1,865	784	19	1,018	44
Purdue U., Fort Wayne	0	0	0	0	0	0	0	0	0	0
Purdue U., Northwest	49	0	0	0	49	49	0	0	0	49
Purdue U., West Lafayette	60,389	43,385	6,541	3,899	6,564	53,179	37,677	5,730	3,734	6,038
Private										
Butler U.	90	90	0	0	0	90	90	0	0	0

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Marian U., Indianapolis	58	58	0	0	0	46	46	0	0	0
U. Notre Dame	38,217	22,923	2,475	6,902	5,917	27,728	19,616	1,394	3,618	3,100
Iowa										
Public										
Iowa State U.	23,651	16,797	5,042	1,095	717	20,604	15,146	4,148	791	519
U. Iowa	61,308	58,243	0	0	3,065	59,059	56,106	0	0	2,953
U. Northern Iowa	283	275	0	8	0	276	268	0	8	0
Private										
Des Moines U.	57	41	0	0	16	41	41	0	0	0
Drake U.	44	0	0	44	0	0	0	0	0	0
Grinnell C.	0	0	0	0	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	600	600	0	0	0	600	600	0	0	0
Kansas										
Public										
Kansas State U.	10,194	8,004	166	479	1,545	9,268	7,652	87	164	1,365
Pittsburg State U.	0	0	0	0	0	0	0	0	0	0
U. Kansas	20,766	15,270	1,798	1,797	1,901	18,718	14,262	975	1,777	1,704
Wichita State U.	31,664	8,054	23,344	266	0	26,487	2,877	23,344	266	0
Kentucky										
Public										
Eastern Kentucky U.	51	51	0	0	0	51	51	0	0	0
Kentucky State U.	178	178	0	0	0	178	178	0	0	0
Morehead State U.	29	29	0	0	0	29	29	0	0	0
Murray State U.	42	42	0	0	0	42	42	0	0	0
Northern Kentucky U.	131	15	0	116	0	122	14	0	108	0
U. Kentucky	26,538	18,447	4,111	2,437	1,543	23,386	16,537	2,970	2,341	1,538
U. Louisville	8,246	5,133	1,236	1,156	721	7,975	5,000	1,178	1,108	689
Western Kentucky U.	138	138	0	0	0	118	118	0	0	0
Louisiana										
Public										
Grambling State U.	58	58	0	0	0	58	58	0	0	0
Louisiana State U., Baton Rouge	19,260	15,589	1,360	2,129	182	17,791	14,393	1,243	1,994	161
Louisiana State U., Health Sciences Center, New Orleans	5,791	2,991	127	1,859	814	5,517	2,922	0	1,793	802

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Louisiana State U., Health Sciences Center, Shreveport	635	635	0	0	0	403	403	0	0	0
Louisiana Tech U.	112	112	0	0	0	106	106	0	0	0
Northwestern State U. Louisiana	0	0	0	0	0	0	0	0	0	0
Southeastern Louisiana U.	3	3	0	0	0	3	3	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	151	0	148	0	3	151	0	148	0	3
Southern U., New Orleans	0	0	0	0	0	0	0	0	0	0
U. Louisiana, Lafayette	6,411	4,528	1,883	0	0	6,116	4,233	1,883	0	0
U. Louisiana, Monroe	53	0	0	53	0	53	0	0	53	0
U. New Orleans	684	99	100	170	315	684	99	100	170	315
Private										
Dillard U.	0	0	0	0	0	0	0	0	0	0
Tulane U.	18,529	9,259	3,454	3,946	1,870	14,523	8,386	2,089	2,953	1,095
Xavier U. Louisiana	657	322	0	335	0	322	322	0	0	0
Maine										
Public										
U. Maine	4,695	3,424	402	798	71	4,400	3,327	402	600	71
U. Southern Maine	38	0	16	22	0	38	0	16	22	0
Private										
Bates C.	260	241	0	16	3	200	200	0	0	0
Bowdoin C.	152	17	0	135	0	152	17	0	135	0
Colby C.	1,095	559	0	536	0	1,095	559	0	536	0
U. New England	402	38	0	364	0	366	38	0	328	0
Maryland										
Public										
Bowie State U.	0	0	0	0	0	0	0	0	0	0
Morgan State U.	2,106	1,543	563	0	0	2,056	1,493	563	0	0
Salisbury U.	1,306	128	877	62	239	397	96	0	62	239
St. Mary's C. Maryland	0	0	0	0	0	0	0	0	0	0
Towson U.	712	551	132	0	29	394	365	25	0	4
U. Baltimore	1,277	365	0	750	162	1,180	327	0	691	162
U. Maryland ^a	141,903	101,867	18,468	6,684	14,884	122,070	90,748	12,881	5,968	12,473
U. Maryland Center for Environmental Science	3,570	2,898	231	5	436	2,785	2,357	231	5	192

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U. Maryland, Baltimore County	12,904	11,556	603	681	64	12,100	10,880	475	681	64
U. Maryland, Eastern Shore	3,103	3,089	14	0	0	3,103	3,089	14	0	0
U.S. Naval Academy	0	0	0	0	0	0	0	0	0	0
Uniformed Services U. of the Health Sciences	0	0	0	0	0	0	0	0	0	0
Private										
Johns Hopkins U. ^b	226,661	101,222	18,665	91,380	15,394	184,216	90,139	17,671	64,161	12,245
Massachusetts										
Public										
Framingham State U.	0	0	0	0	0	0	0	0	0	0
U. Massachusetts, Amherst	16,137	9,585	947	4,818	787	11,455	7,765	582	2,562	546
U. Massachusetts, Boston	6,340	3,415	576	2,218	131	3,102	1,810	215	946	131
U. Massachusetts, Dartmouth	1,125	399	331	388	7	818	357	154	300	7
U. Massachusetts, Lowell	8,708	3,858	1,889	2,950	11	6,728	3,180	987	2,550	11
U. Massachusetts, Medical School	31,027	18,078	3,769	9,037	143	29,205	17,726	3,707	7,629	143
Private										
Amherst C.	317	317	0	0	0	309	309	0	0	0
Babson C.	NA	NA	NA	NA	NA	0	0	0	0	0
Bentley U.	258	243	0	0	15	253	243	0	0	10
Boston C.	6,505	2,245	25	1,873	2,362	4,116	2,151	0	1,352	613
Boston U.	140,472	45,993	68,962	24,941	576	74,038	37,983	14,621	20,927	507
Brandeis U.	5,726	3,549	165	1,190	822	4,737	3,396	165	911	265
Clark U.	268	235	33	0	0	232	199	33	0	0
Franklin W. Olin C. of Engineering	109	23	0	86	0	23	23	0	0	0
Harvard U.	167,605	59,948	4,330	34,498	68,829	130,094	48,109	4,168	27,297	50,520
Massachusetts Institute of Technology	88,095	35,355	21,653	12,850	18,237	64,430	27,211	17,185	8,815	11,219
Merrimack C.	304	304	0	0	0	304	304	0	0	0
MGH Institute of Health Professions	625	625	0	0	0	625	625	0	0	0
Mount Holyoke C.	0	0	0	0	0	0	0	0	0	0
New England C. of Optometry	196	196	0	0	0	196	196	0	0	0
Northeastern U.	42,570	23,726	4,757	13,573	514	41,159	22,813	4,722	13,145	479
Smith C.	171	171	0	0	0	171	171	0	0	0
Suffolk U.	412	21	0	391	0	73	21	0	52	0
Tufts U.	32,836	101	369	1,255	31,111	28,713	0	0	0	28,713

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
Wellesley C.	228	228	0	0	0	228	228	0	0	0
Western New England U.	31	4	0	27	0	31	4	0	27	0
Williams C.	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	38,119	31,207	1,673	3,105	2,134	36,654	29,983	1,634	2,903	2,134
Worcester Polytechnic Institute	8,343	3,638	1,195	2,289	1,221	8,055	3,350	1,195	2,289	1,221
Michigan										
Public										
Central Michigan U.	3,191	3,077	0	8	106	3,177	3,063	0	8	106
Eastern Michigan U.	789	737	0	52	0	755	715	0	40	0
Ferris State U.	0	0	0	0	0	0	0	0	0	0
Grand Valley State U.	65	65	0	0	0	64	64	0	0	0
Lake Superior State U.	69	25	0	0	44	25	25	0	0	0
Michigan State U.	51,565	27,583	3,494	11,429	9,059	47,700	25,437	3,387	10,640	8,236
Michigan Technological U.	8,219	4,760	2,806	270	383	7,918	4,711	2,787	269	151
Northern Michigan U.	55	55	0	0	0	55	55	0	0	0
Oakland U.	1,017	254	564	199	0	741	164	564	13	0
Saginaw Valley State U.	690	0	176	0	514	690	0	176	0	514
U. Michigan, Ann Arbor	130,747	90,063	13,038	17,224	10,422	118,342	84,051	11,270	16,340	6,681
U. Michigan, Dearborn	397	21	244	0	132	265	21	244	0	0
Wayne State U.	13,923	10,983	78	2,862	0	13,608	10,849	75	2,684	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	1,874	735	916	2	221	1,854	715	916	2	221
Private										
Albion C.	0	0	0	0	0	0	0	0	0	0
Andrews U.	43	43	0	0	0	43	43	0	0	0
Calvin U.	142	123	0	0	19	0	0	0	0	0
Hope C.	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	0	0	0	0	0	0	0	0	0	0
U. Detroit Mercy	582	582	0	0	0	582	582	0	0	0
Van Andel Research Institute	2,090	871	42	1,047	130	1,849	760	42	1,047	0
Minnesota										
Public										
Minnesota State U., Mankato	467	253	92	63	59	414	228	78	57	51
St. Cloud State U.	130	24	0	0	106	50	24	0	0	26

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
Montana State U., Bozeman	24,409	17,043	2,434	2,533	2,399	23,928	16,915	2,416	2,522	2,075
Montana Technological U.	517	475	0	10	32	496	454	0	10	32
U. Montana, Missoula	10,840	7,327	2,959	322	232	10,655	7,273	2,836	322	224
Nebraska										
Public										
U. Nebraska, Kearney	492	355	136	0	1	492	355	136	0	1
U. Nebraska, Lincoln and Medical Center ^c	41,411	27,636	10,233	2,332	1,210	39,635	26,823	9,871	2,051	890
U. Nebraska, Omaha	7,833	4,364	814	2,564	91	7,723	4,254	814	2,564	91
Private										
Creighton U.	1,314 i	882 i	194 i	238 i	0 i	1,314 i	882 i	194 i	238 i	0 i
Nevada										
Public										
Desert Research Institute	1,867	1,070	222	78	497	1,813	1,044	222	78	469
Nevada State C.	38	33	0	5	0	38	33	0	5	0
U. Nevada, Las Vegas	5,953	5,495	229	130	99	5,485	5,254	29	103	99
U. Nevada, Reno	7,597	6,283	831	289	194	7,456	6,219	754	289	194
Private										
Roseman U. of Health Sciences	0	0	0	0	0	0	0	0	0	0
New Hampshire										
Public										
U. New Hampshire	55,389	7,952	38,605	8,746	86	54,283	7,616	37,939	8,662	66
Private										
Dartmouth C. and Dartmouth Hitchcock Medical Center	28,380	19,158	2,361	6,861	0	23,258	16,981	1,583	4,694	0
New Jersey										
Public										
C. New Jersey	124	39	0	70	15	85	0	0	70	15
Kean U.	0	0	0	0	0	0	0	0	0	0
Montclair State U.	746	595	34	117	0	442	442	0	0	0
New Jersey Institute of Technology	18,639	3,125	5,387	5,348	4,779	18,213	2,878	5,214	5,342	4,779
Rowan U.	2,314	1,461	853	0	0	1,399	1,266	133	0	0
Rutgers, State U. New Jersey, Camden	1,833	0	28	1,573	232	295	0	0	243	52
Rutgers, State U. New Jersey, New Brunswick	72,255	19,596	6,342	6,551	39,766	62,836	14,462	5,840	5,462	37,072
Rutgers, State U. New Jersey, Newark	1,628	346	47	0	1,235	1,398	252	47	0	1,099

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
Stockton U.	339	40	299	0	0	17	17	0	0	0
William Paterson U.	9	0	0	9	0	0	0	0	0	0
Private										
Monmouth U.	442	15	0	427	0	0	0	0	0	0
Princeton U.	37,291	29,345	4,528	306	3,112	30,408	22,984	4,307	194	2,923
Seton Hall U.	90	90	0	0	0	90	90	0	0	0
Stevens Institute of Technology	12,859	12,072	268	34	485	12,760	12,017	268	31	444
New Mexico										
Public										
New Mexico Highlands U.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
New Mexico Institute of Mining and Technology	5,759	3,133	1,476	0	1,150	5,608	3,020	1,438	0	1,150
New Mexico State U.	8,595	3,436	4,047	669	443	8,593	3,434	4,047	669	443
U. New Mexico	30,601	15,801	3,277	7,962	3,561	26,655	15,319	3,175	6,923	1,238
New York										
Public										
CUNY, Advanced Science Research Center	2,980	2,799	0	134	47	2,819	2,638	0	134	47
CUNY, Baruch C.	152	30	0	122	0	20	20	0	0	0
CUNY, Brooklyn C.	1,224	1,211	0	13	0	714	714	0	0	0
CUNY, C. Staten Island	262	110	0	152	0	262	110	0	152	0
CUNY, City C.	6,041	3,537	2,023	478	3	3,861	3,415	45	398	3
CUNY, Graduate Center	498	0	0	498	0	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	9,530	1,427	7,441	283	379	2,329	1,414	253	283	379
CUNY, Hunter C.	2,471	914	319	1,223	15	2,254	826	190	1,223	15
CUNY, John Jay C. of Criminal Justice	3,455	1,481	1,337	548	89	2,498	883	1,267	259	89
CUNY, Lehman C.	53	53	0	0	0	53	53	0	0	0
CUNY, New York City C. of Technology	31	31	0	0	0	31	31	0	0	0
CUNY, Queens C.	2,393	1,117	942	310	24	2,383	1,107	942	310	24
CUNY, system office	1,192	1,165	0	27	0	1,192	1,165	0	27	0
CUNY, York C.	8	8	0	0	0	8	8	0	0	0
SUNY, Binghamton U.	7,275	1,702	4,115	777	681	5,497	1,702	2,616	745	434
SUNY, Buffalo State U.	137	137	0	0	0	137	137	0	0	0
SUNY, C. Brockport	39	39	0	0	0	1	1	0	0	0
SUNY, C. of Environmental Science and Forestry	862	563	105	160	34	530	311	41	160	18

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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 School	1,517	550	25	942	0	13	13	0	0	0
New York Institute of Technology	217	217	0	0	0	217	217	0	0	0
New York Medical C.	691	691	0	0	0	691	691	0	0	0
New York U.	249,578	210,338	2,560	28,476	8,204	235,004	203,783	1,247	22,735	7,239
Pace U.	759	280	0	479	0	759	280	0	479	0
Pratt Institute	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute	7,871	5,169	1,139	1,107	456	7,515	4,934	1,018	1,107	456
Rochester Institute of Technology	2,731	1,990	304	424	13	2,132	1,561	304	267	0
Rockefeller U.	16,946	9,046	60	5,265	2,575	9,526	5,880	0	3,092	554
Skidmore C.	74	19	20	35	0	55	0	20	35	0
St. John's U., New York	26	26	0	0	0	0	0	0	0	0
Syracuse U.	11,486	4,249	5,257	1,965	15	5,713	3,707	645	1,346	15
Teachers C., Columbia U.	4,545	3,334	0	1,146	65	1,712	796	0	851	65
Touro U., New York	483	0	483	0	0	0	0	0	0	0
U. Rochester	36,911	24,396	1,090	6,673	4,752	34,550	23,277	1,080	6,000	4,193
Union C., Schenectady	0	0	0	0	0	0	0	0	0	0
Vassar C.	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	0	0	0	0	0	0	0	0	0	0
North Carolina										
Public										
Appalachian State U.	398	52	0	116	230	125	52	0	73	0
East Carolina U.	3,923	2,950	478	387	108	3,688	2,812	478	316	82
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 A&T State U.	5,382	4,990	346	0	46	5,262	4,870	346	0	46
North Carolina Central U.	1,596	793	66	737	0	1,596	793	66	737	0
North Carolina State U.	50,571	110	22,066	15,532	12,863	45,457	110	19,947	14,082	11,318
U. North Carolina, Asheville	1,016	63	0	953	0	311	4	0	307	0
U. North Carolina, Chapel Hill	218,559	113,537	48,964	41,449	14,609	181,038	89,690	44,455	37,993	8,900
U. North Carolina, Charlotte	4,154	3,738	274	90	52	3,933	3,560	274	47	52
U. North Carolina, Greensboro	2,166	762	820	334	250	2,088	704	812	322	250
U. North Carolina, Wilmington	1,271	840	85	299	47	560	470	51	0	39
Western Carolina U.	233	91	38	104	0	113	9	0	104	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
Kenyon C.	18	18	0	0	0	18	18	0	0	0
Oberlin C.	0	0	0	0	0	0	0	0	0	0
U. Dayton	50,635	8,727	38,815	3,032	61	50,574	8,727	38,815	3,032	0
Oklahoma										
Public										
Langston U.	441	336	81	8	16	441	336	81	8	16
Oklahoma State U., Center for Health Sciences	665	252	2	313	98	655	248	2	307	98
Oklahoma State U., Stillwater	10,336	8,283	1,124	626	303	9,112	7,761	459	620	272
U. Central Oklahoma	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Oklahoma, Norman and Health Science Center	47,723	15,974	23,036	6,676	2,037	46,368	15,200	22,593	6,538	2,037
U. Oklahoma, Tulsa	73	34	0	39	0	21	21	0	0	0
Private										
U. Tulsa	461	447	0	14	0	447	447	0	0	0
Oregon										
Public										
Oregon Health and Science U.	68,007	35,852	15,013	14,564	2,578	61,270	32,279	12,460	14,137	2,394
Oregon Institute of Technology	0	0	0	0	0	0	0	0	0	0
Oregon State U.	30,779	24,537	3,273	1,785	1,184	28,925	23,122	3,243	1,732	828
Portland State U.	5,690	4,878	286	263	263	5,298	4,590	267	187	254
U. Oregon	9,851	7,003	1,723	1,011	114	9,157	6,321	1,723	999	114
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.	358	353	0	5	0	358	353	0	5	0
Reed C.	29 i	29 i	0 i	0 i	0 i	29 i	29 i	0 i	0 i	0 i
Willamette U.	155	155	0	0	0	155	155	0	0	0
Pennsylvania										
Public										
East Stroudsburg U. Pennsylvania	193	193	0	0	0	193	193	0	0	0
Indiana U. Pennsylvania	335	29	0	306	0	335	29	0	306	0
Lincoln U.	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Altoona	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	822	498 i	159 i	76 i	89 i	799	493 i	146 i	72 i	88 i

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
Brown U.	50,446	25,334	1,951	18,926	4,235	43,857	23,818	1,487	14,619	3,933
Bryant U.	0	0	0	0	0	0	0	0	0	0
Providence C.	0	0	0	0	0	0	0	0	0	0
Roger Williams U.	13	13	0	0	0	13	13	0	0	0
South Carolina										
Public										
C. Charleston	1,360	1,268	49	34	9	1,326	1,268	49	0	9
Citadel Military C. South Carolina	0	0	0	0	0	0	0	0	0	0
Clemson U.	13,181	5,318 i	2,206 i	3,464 i	2,193 i	12,262	5,318 i	2,007 i	3,019 i	1,918 i
Coastal Carolina U.	209	176	0	33	0	176	176	0	0	0
Medical U. South Carolina	19,358 i	12,093 i	2,317 i	3,194 i	1,754 i	18,082 i	11,252 i	1,943 i	3,146 i	1,741 i
South Carolina State U.	235	0	64	0	171	235	0	64	0	171
U. South Carolina, Aiken	0	0	0	0	0	0	0	0	0	0
U. South Carolina, Beaufort	243	139	44	45	15	243	139	44	45	15
U. South Carolina, Columbia	22,851	14,383	4,710	2,285	1,473	19,925	12,985	4,474	1,261	1,205
Winthrop U.	0	0	0	0	0	0	0	0	0	0
Private										
Benedict C.	139	139	0	0	0	139	139	0	0	0
Claflin U.	13	13	0	0	0	13	13	0	0	0
Furman U.	25	25	0	0	0	15	15	0	0	0
South Dakota										
Public										
Black Hills State U.	0	0	0	0	0	0	0	0	0	0
Dakota State U.	464	464	0	0	0	464	464	0	0	0
South Dakota School of Mines and Technology	2,480	2,410	0	69	1	1,919	1,849	0	69	1
South Dakota State U.	3,387	3,181	73	125	8	2,987	2,814	73	99	1
U. South Dakota	2,482	2,184	0	298	0	2,482	2,184	0	298	0
Tennessee										
Public										
Austin Peay State U.	164	123	0	41	0	117	76	0	41	0
East Tennessee State U.	2,945	1,294	139	1,512	0	1,214	1,207	7	0	0
Middle Tennessee State U.	265	243	11	11	0	265	243	11	11	0
Tennessee State U.	1,818	1,756	50	0	12	1,818	1,756	50	0	12

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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 Technological U.	1,321	501	498	322	0	1,321	501	498	322	0
U. Memphis	3,625	1,867	320	1,335	103	2,963	1,569	256	1,078	60
U. Tennessee, Chattanooga	460	460	0	0	0	440	440	0	0	0
U. Tennessee, Health Science Center	9,825	8,037	713	503	572	9,541	7,924	713	503	401
U. Tennessee, Knoxville	10,848	7,650	1,400	1,002	796	10,305	7,231	1,351	953	770
Private										
Fisk U.	0	0	0	0	0	0	0	0	0	0
Lincoln Memorial U.	0	0	0	0	0	0	0	0	0	0
Lipscomb U.	0	0	0	0	0	0	0	0	0	0
Meharry Medical C.	1,237	547	50	640	0	1,237	547	50	640	0
Vanderbilt U. and Vanderbilt U. Medical Center	147,987	108,799	7,799	28,878	2,511	135,373	99,816	6,570	26,544	2,443
Texas										
Public										
Lamar U.	420	312	0	108	0	65	65	0	0	0
Prairie View A&M U.	491	491	0	0	0	491	491	0	0	0
Sam Houston State U.	743	637	0	0	106	671	581	0	0	90
Stephen F. Austin State U.	3	3	0	0	0	3	3	0	0	0
Sul Ross State U.	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	529	0	16	0	513	469	0	0	0	469
Texas A&M International U.	0	0	0	0	0	0	0	0	0	0
Texas A&M U., College Station and Health Science Center	95,698	52,128	29,608	4,855	9,107	70,760	45,770	13,649	3,963	7,378
Texas A&M U.-Commerce	18	18	0	0	0	18	18	0	0	0
Texas A&M U.-Corpus Christi	2,408	1,553	738	117	0	1,214	1,069	58	87	0
Texas A&M U.-Kingsville	223	211	0	12	0	205	193	0	12	0
Texas A&M U.-San Antonio	24	0	0	0	24	7	0	0	0	7
Texas Southern U.	1,158	525	0	379	254	525	525	0	0	0
Texas State U.	3,984	3,006	539	371	68	2,965	2,609	187	169	0
Texas Tech U.	8,194	6,097	1,646	117	334	5,936	3,895	1,646	115	280
Texas Tech U., Health Sciences Center	2,120	1,161	959	0	0	1,139	1,009	130	0	0
Texas Tech U., Health Sciences Center, El Paso	223	105	0	64	54	111	32	0	53	26
Texas Woman's U.	0	0	0	0	0	0	0	0	0	0
U. Houston	15,769	11,032	2,721	1,618	398	13,359	9,109	2,621	1,238	391
U. Houston-Clear Lake	68	67	0	1	0	68	67	0	1	0

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
U. Houston-Downtown	0	0	0	0	0	0	0	0	0	0
U. North Texas, Denton	2,900	2,417	212	226	45	2,601	2,393	183	0	25
U. North Texas, Health Science Center	28,796	17,033	2,678	8,892	193	28,705	16,986	2,634	8,892	193
U. Texas Health Science Center, Houston	26,443	22,914	241	2,825	463	24,828	21,706	144	2,594	384
U. Texas Health Science Center, San Antonio	25,644	20,398	641	3,524	1,081	23,625	19,397	630	2,629	969
U. Texas Health Science Center, Tyler	909	0	0	0	909	909	0	0	0	909
U. Texas M. D. Anderson Cancer Center	27,665	16,791	760	9,068	1,046	22,332	13,396	561	7,618	757
U. Texas Medical Branch	27,504	9,110	14,690	791	2,913	27,154	8,760	14,690	791	2,913
U. Texas of the Permian Basin	0	0	0	0	0	0	0	0	0	0
U. Texas Rio Grande Valley	3,213	2,575	21	302	315	3,196	2,558	21	302	315
U. Texas Southwestern Medical Center	47,076	15,243	2,300	15,630	13,903	41,387	14,325	2,300	13,414	11,348
U. Texas, Arlington	8,803	6,565	189	1,933	116	8,469	6,240	189	1,933	107
U. Texas, Austin	53,598	39,669	3,517	10,130	282	44,194	34,208	1,794	7,950	242
U. Texas, Dallas	1,735	56	0	0	1,679	1,545	56	0	0	1,489
U. Texas, El Paso	8,250	5,849	449	1,463	489	7,387	5,649	449	800	489
U. Texas, San Antonio	10,739	8,037	325	2,137	240	9,069	6,783	290	1,849	147
U. Texas, Tyler	35	35	0	0	0	35	35	0	0	0
West Texas A&M U.	32	32	0	0	0	32	32	0	0	0
Private										
Abilene Christian U.	0	0	0	0	0	0	0	0	0	0
Baylor C. of Medicine	63,536	57,845	1,699	3,992	0	58,388	54,036	1,456	2,896	0
Baylor U.	3,390	2,169	49	992	180	2,424	1,581	0	774	69
Rice U.	24,660	15,428	2,708	1,555	4,969	15,457	13,193	557	1,555	152
Southern Methodist U.	2,735	1,890	39	177	629	2,512	1,667	39	177	629
St. Edward's U.	95	12	0	83	0	83	0	0	83	0
Texas Christian U.	839	404	412	23	0	816	393	400	23	0
Trinity U.	549	175	0	294	80	505	131	0	294	80
U. of the Incarnate Word	0	0	0	0	0	0	0	0	0	0
Utah										
Public										
U. Utah	135,497	4,176	1,050	5,499	124,772	125,940	615	72	3,125	122,128
Utah State U.	46,807	9,303	37,232	128	144	45,192	9,197	35,778	125	92
Utah Valley U.	49	49	0	0	0	32	32	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 2023

(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
Central Washington U.	224	224	0	0	0	224	224	0	0	0
Eastern Washington U.	1	0	1	0	0	1	0	1	0	0
Northwest Indian C.	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Washington, Bothell	310	247	0	63	0	151	88	0	63	0
U. Washington, Seattle	191,113	95,394	11,756	80,794	3,169	140,473	79,644	8,477	49,455	2,897
U. Washington, Tacoma	95	49	0	31	15	20	20	0	0	0
Washington State U.	29,906	15,831	3,387	6,091	4,597	27,610	15,627	2,927	5,632	3,424
Western Washington U.	694	343	133	74	144	434	129	133	29	143
Private										
Seattle U.	94	94	0	0	0	94	94	0	0	0
U. Puget Sound	0	0	0	0	0	0	0	0	0	0
Whitman C.	0	0	0	0	0	0	0	0	0	0
West Virginia										
Public										
Marshall U.	3,157	2,939	132	86	0	2,701	2,483	132	86	0
West Virginia School of Osteopathic Medicine	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
West Virginia State U.	0	0	0	0	0	0	0	0	0	0
West Virginia U.	15,897	7,234	1,550	6,564	549	15,749	7,173	1,550	6,502	524
Wisconsin										
Public										
U. Wisconsin-Eau Claire	19	19	0	0	0	19	19	0	0	0
U. Wisconsin-Green Bay	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Wisconsin-La Crosse	29	29	0	0	0	20	20	0	0	0
U. Wisconsin-Madison	114,941	77,160	7,504	23,705	6,572	106,739	74,019	6,092	21,682	4,946
U. Wisconsin-Milwaukee	6,136	5,040	40	286	770	5,739	4,697	24	266	752
U. Wisconsin-Oshkosh	261	261	0	0	0	243	243	0	0	0
U. Wisconsin-Platteville	52 i	38 i	6 i	7 i	1 i	48 i	34 i	6 i	7 i	1 i
U. Wisconsin-River Falls	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	175	175	0	0	0	174	174	0	0	0
U. Wisconsin-Superior	0	0	0	0	0	0	0	0	0	0
Private										
Marquette U.	3,674	2,274	1,307	82	11	3,287	2,055	1,221	0	11
Medical C. Wisconsin	34,136	14,650	4,477	14,931	78	33,319	14,294	4,477	14,470	78

TABLE 77

Total and federally financed higher education R&D expenditures passed through to subrecipients, by state, institutional control, and institution: FY 2023

(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
Milwaukee School of Engineering	0	0	0	0	0	0	0	0	0	0
Northland C.	12 i	0 i	2 i	8 i	2 i	10 i	0 i	2 i	6 i	2 i
Wyoming										
Public										
U. Wyoming	11,912	6,848	4,593	230	241	11,788	6,766	4,563	220	239
Guam										
Public										
U. Guam	747	239	508	0	0	747	239	508	0	0
Puerto Rico										
Public										
U. Puerto Rico, Cayey	162	162	0	0	0	128	128	0	0	0
U. Puerto Rico, Humacao	323	323	0	0	0	323	323	0	0	0
U. Puerto Rico, Mayaguez	1,315	1,072	0	241	2	1,072	1,072	0	0	0
U. Puerto Rico, Medical Sciences Campus	3,549	1,971	1,578	0	0	3,549	1,971	1,578	0	0
U. Puerto Rico, Ponce	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	3,620	3,620	0	0	0	3,324	3,324	0	0	0
Private										
U. Ana G. Mendez, Gurabo	0	0	0	0	0	0	0	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	3,990	3,339	0	0	651	3,990	3,339	0	0	651

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

^a 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.

^b 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 2023.

^c The University of Nebraska, Lincoln and Medical Center includes expenditures from the University of Nebraska, Lincoln; University of Nebraska, Medical Center; and University of Nebraska, Central Administration campuses. Due to a realignment within the University of Nebraska system that occurred on 22 June 2023, the three campuses fall under the leadership of one president. Prior to FY 2023, these three campuses reported to the survey as separate institutions.

Note(s):

This table includes only institutions reporting \$1 million or more in total R&D expenditures in 2022. Institutions reporting less than \$1 million in total R&D expenditures in 2022 completed a shorter version of the survey form in FY 2023, 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 86.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2023.