

TABLE 37

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2023**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
All institutions	-	71,001,044	37,015,780	4,979,687	19,437,810	3,735,372	3,733,311	2,099,084
U. California, San Francisco	1	2,046,539	858,066	45,056	505,006	143,206	313,964	181,241
U. Michigan, Ann Arbor	2	1,925,875	1,041,430	1,934	679,205	113,903	80,894	8,509
U. Washington, Seattle	3	1,734,091	1,188,836	33,833	125,390	71,487	260,986	53,559
U. Wisconsin-Madison	4	1,731,949	816,814	125,524	542,782	46,133	153,068	47,628
U. California, Los Angeles	5	1,721,665	878,571	105,632	354,575	109,531	219,227	54,129
U. California, San Diego	6	1,705,410	1,083,790	70,790	250,973	96,416	109,398	94,043
U. North Carolina, Chapel Hill	7	1,549,617	907,710	61,576	407,817	58,179	92,573	21,762
Ohio State U.	8	1,449,188	694,647	64,139	424,124	155,194	63,964	47,120
Georgia Institute of Technology	9	1,405,080	1,083,903	128,291	61,494	94,476	31,073	5,843
U. Pittsburgh, Pittsburgh	10	1,398,078	916,735	11,421	315,634	43,372	64,516	46,400
U. Maryland <sup>a</sup>	11	1,385,302	825,546	57,007	401,833	37,011	54,377	9,528
U. Minnesota, Twin Cities	12	1,320,183	702,483	76,395	386,198	55,081	40,764	59,262
Texas A&M U., College Station and Health Science Center	13	1,277,814	546,481	251,300	353,916	37,390	53,710	35,017
U. Texas M. D. Anderson Cancer Center	14	1,255,190	259,285	300,907	256,545	248,261	38,163	152,029
U. Florida	15	1,250,201	529,391	193,910	389,065	42,055	58,010	37,770
Pennsylvania State U., University Park and Hershey Medical Center	16	1,206,793	781,303	49,379	265,205	29,300	29,539	52,067
U. California, Berkeley	17	1,076,754	496,298	47,005	242,494	75,493	188,887	26,577
U. Texas, Austin	18	1,035,838	621,223	37,601	235,987	79,753	52,764	8,510
U. California, Davis	19	962,399	494,847	78,096	244,082	55,403	48,643	41,328
U. Arizona	20	955,424	434,700	37,173	304,671	25,328	31,154	122,398
Arizona State U.	21	903,779	340,880	102,208	310,531	24,693	99,781	25,686
Indiana U., Bloomington	22	853,056	432,223	5,804	303,085	36,938	69,773	5,233
Purdue U., West Lafayette	23	844,570	385,738	42,119	267,313	78,298	31,453	39,649
Michigan State U.	24	844,076	435,564	46,353	300,588	18,603	22,693	20,275
Rutgers, State U. New Jersey, New Brunswick	25	831,719	400,930	117,514	207,008	37,495	64,220	4,552
U. Illinois, Urbana-Champaign	26	821,023	460,491	24,473	234,686	44,275	35,768	21,330
U. Texas Southwestern Medical Center	27	800,391	336,126	95,710	191,493	46,325	66,076	64,661
U. Alabama, Birmingham	28	780,479	451,880	14,884	184,658	74,171	36,533	18,353
U. Utah	29	723,713	416,079	4,670	214,320	48,761	35,413	4,470
U. Virginia, Charlottesville	30	714,457	354,748	13,101	214,946	31,588	31,392	68,682
U. Cincinnati	31	698,642	391,943	7,782	185,586	49,685	44,304	19,342
U. Colorado Anschutz Medical Campus	32	686,026	474,523	28,973	52,000	59,129	51,546	19,855
U. Iowa	33	662,134	331,824	7,627	228,803	34,039	24,365	35,476
U. Colorado Boulder	34	651,924	538,715	5,264	42,462	15,045	18,275	32,163

TABLE 37

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2023**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
North Carolina State U.	35	633,251	279,179	134,547	150,288	64,505	4,472	260
U. Nebraska, Lincoln and Medical Center <sup>b</sup>	36	617,372	280,120	76,042	177,595	32,720	27,961	22,934
U. California, Irvine	37	609,614	335,393	19,360	132,261	46,182	33,514	42,904
Virginia Polytechnic Institute and State U.	38	598,113	282,152	78,279	179,590	35,761	13,021	9,310
U. Georgia	39	570,956	221,804	61,887	257,757	12,988	11,982	4,538
Oregon Health and Science U.	40	517,742	374,043	1,348	48,537	53,139	40,419	256
U. Kentucky	41	504,005	265,543	34,829	151,066	11,737	12,511	28,319
Colorado State U., Fort Collins	42	498,073	354,401	22,951	75,358	13,597	21,049	10,717
Uniformed Services U. of the Health Sciences	43	496,441	403,671	0	88,281	0	4,489	0
U. Illinois, Chicago	44	492,936	274,424	9,293	158,846	9,469	30,905	9,999
Virginia Commonwealth U.	45	479,930	184,852	47,846	207,023	22,681	17,458	70
SUNY, U. Buffalo	46	471,569	257,857	32,647	124,197	20,309	29,292	7,267
U. Kansas	47	466,222	211,111	44,851	152,432	30,988	13,436	13,404
U. Missouri, Columbia	48	462,435	217,091	65,868	146,211	15,816	11,225	6,224
U. South Florida	49	461,390	242,224	25,735	160,703	13,502	16,015	3,211
U. Oklahoma, Norman and Health Science Center	50	436,964	219,964	22,816	169,611	12,753	10,096	1,724
U. Delaware	51	428,128	202,469	13,161	188,645	5,204	8,191	10,458
Iowa State U.	52	420,823	195,394	34,183	156,282	21,246	13,084	634
Florida State U.	53	414,463	195,323	36,977	166,809	5,614	3,466	6,274
Utah State U.	54	401,437	322,336	27,831	30,207	9,204	813	11,046
U. Connecticut	55	390,165	238,701	5,973	117,252	11,251	12,293	4,695
Louisiana State U., Baton Rouge	56	384,268	127,243	73,829	156,614	14,807	6,295	5,480
Washington State U.	57	378,744	207,086	61,333	84,199	12,077	12,411	1,638
U. Texas Health Science Center, Houston	58	374,105	197,759	48,815	66,008	17,466	34,341	9,716
Wichita State U.	59	366,848	142,371	19,008	33,911	171,010	504	44
Auburn U., Auburn	60	349,273	125,783	34,950	158,454	11,570	5,092	13,424
U. Tennessee, Knoxville	61	338,847	153,637	13,175	151,783	7,899	7,696	4,657
Oregon State U.	62	337,985	222,169	57,839	30,449	9,154	3,260	15,114
Medical U. South Carolina	63	333,826	168,957	7,944	110,106	26,042	8,152	12,625
U. Massachusetts, Medical School	64	326,731	223,490	2,975	50,479	21,942	20,295	7,550
SUNY, Stony Brook U.	65	324,531	192,448	15,436	92,936	10,779	10,329	2,603
Mississippi State U.	66	319,684	150,804	92,674	63,773	3,140	7,858	1,435
U. New Mexico	67	316,026	205,351	7,072	79,298	5,469	16,855	1,981
U. Hawaii, Manoa	68	313,143	192,205	17,555	78,084	3,390	20,472	1,437
Florida International U.	69	306,434	156,381	21,887	115,737	3,019	7,971	1,439

TABLE 37

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2023**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. California, Santa Barbara	70	305,483	179,896	7,230	65,230	14,790	27,455	10,882
Temple U.	71	292,029	154,516	6,867	81,497	25,150	16,517	7,482
Clemson U.	72	286,503	129,955	29,268	100,954	21,139	5,110	77
SUNY, Polytechnic Institute	73	284,677	34,393	31,886	25,429	188,351	181	4,437
U. Texas Health Science Center, San Antonio	74	281,078	143,730	30,582	70,676	10,393	25,514	183
U. Massachusetts, Amherst	75	268,657	138,849	11,465	90,429	9,220	12,373	6,321
U. South Carolina, Columbia	76	262,207	124,330	13,916	110,716	3,629	7,960	1,656
George Mason U.	77	252,239	125,437	4,311	66,769	8,346	40,831	6,545
Wayne State U.	78	250,911	128,521	6,525	81,136	5,339	25,618	3,772
U. Central Florida	79	247,259	124,256	5,893	99,427	9,659	3,642	4,382
West Virginia U.	80	246,173	114,708	11,687	92,314	4,977	2,874	19,613
Texas Tech U.	81	240,107	58,922	28,095	122,202	15,461	14,994	433
Georgia State U.	82	237,493	91,331	4,392	125,011	3,269	12,131	1,359
U. Vermont	83	233,806	128,645	632	85,988	4,622	7,305	6,614
U. Texas Medical Branch	84	233,192	150,272	7,479	58,807	6,138	10,496	0
U. Houston	85	231,942	99,450	28,641	84,315	8,565	6,492	4,479
Montana State U., Bozeman	86	229,682	142,965	18,379	59,067	956	4,403	3,912
Oklahoma State U., Stillwater	87	226,498	64,098	24,323	124,314	12,528	773	462
U. Louisiana, Lafayette	88	225,924	84,898	11,605	46,907	82,197	317	0
U. New Hampshire	89	223,683	152,377	1,031	52,786	8,471	7,984	1,034
U. Arkansas, Fayetteville	90	221,525	82,164	41,687	72,849	7,368	7,514	9,943
U. Louisville	91	220,568	100,890	8,924	73,255	9,580	6,261	21,658
U. Alaska, Fairbanks	92	218,041	156,702	7,674	42,733	5,505	2,814	2,613
Kansas State U.	93	217,992	82,610	43,122	73,427	7,647	9,860	1,326
U. California, Riverside	94	214,802	120,524	10,655	55,114	7,288	10,826	10,395
U. Arkansas for Medical Sciences	95	209,409	94,483	13,854	84,563	5,274	6,102	5,133
U. California, Santa Cruz	96	203,883	112,847	6,863	51,368	7,591	18,454	6,760
North Dakota State U.	97	190,330	53,339	51,819	76,422	1,292	1,215	6,243
U. Maine	98	188,690	92,870	17,694	67,941	5,043	3,260	1,882
U. Nevada, Reno	99	188,505	83,603	7,744	83,470	2,666	1,926	9,096
U. Alabama, Tuscaloosa	100	184,880	86,244	16,660	77,554	1,973	1,753	696
U. North Dakota	101	182,195	65,890	46,885	50,685	17,438	955	342
U. Mississippi	102	172,176	85,186	10,670	68,074	3,311	4,583	352
U. Oregon	103	164,500	100,265	1,674	19,590	443	6,634	35,894
U. Alabama, Huntsville	104	163,428	126,040	5,071	30,635	731	689	262

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(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
New Jersey Institute of Technology	105	161,078	70,080	19,994	64,230	1,385	1,616	3,773
U. Texas, San Antonio	106	158,453	58,171	21,583	67,694	5,971	1,988	3,046
San Diego State U.	107	158,013	68,045	6,745	77,130	469	3,666	1,958
U. Wyoming	108	150,124	68,467	7,464	67,771	2,848	1,934	1,640
U. Texas, Arlington	109	147,265	56,337	28,343	50,435	5,284	4,708	2,158
U. Texas, Dallas	110	146,779	66,127	13,085	38,169	12,518	16,383	497
U. Texas, El Paso	111	145,724	70,873	16,687	44,987	1,268	1,770	10,139
U. Maryland, Baltimore County	112	144,262	86,573	8,087	42,409	2,469	3,332	1,392
U. Rhode Island	113	144,013	102,056	6,615	29,165	2,094	3,441	642
SUNY, Binghamton U.	114	141,685	31,601	6,115	96,213	4,067	242	3,447
SUNY, U. Albany	115	141,671	62,935	1,019	69,881	927	4,707	2,202
Texas State U.	116	141,291	44,297	4,667	83,686	1,378	7,106	157
Augusta U.	117	139,121	64,410	214	62,558	4,396	6,836	707
U. Idaho	118	135,901	61,531	47,894	20,377	1,846	852	3,401
U. Montana, Missoula	119	133,958	75,490	1,511	53,689	220	2,498	550
U. Tennessee, Health Science Center	120	130,472	70,676	6,816	34,783	4,183	6,814	7,200
New Mexico State U.	121	126,337	71,764	24,741	18,791	1,873	3,039	6,129
New Mexico Institute of Mining and Technology	122	118,735	100,873	10,189	3,375	3,346	324	628
U. Massachusetts, Lowell	123	117,336	61,413	4,420	39,726	7,554	2,527	1,696
U. North Texas, Denton	124	106,665	30,017	5,695	63,577	1,907	2,170	3,299
Colorado School of Mines	125	104,297	68,795	1,804	14,035	11,399	3,388	4,876
Michigan Technological U.	126	103,819	52,102	1,236	40,859	6,632	968	2,022
U. Memphis	127	100,042	26,913	9,680	58,132	1,839	3,273	205
U. Nevada, Las Vegas	128	98,751	38,815	2,536	51,945	1,599	1,096	2,760
U. North Texas, Health Science Center	129	94,652	77,660	3,180	11,773	847	1,003	189
U. North Carolina, Charlotte	130	92,027	33,784	1,922	52,624	3,136	553	8
Cleveland State U.	131	87,941	56,550	2,913	19,420	3,494	5,423	141
Indiana U.-Purdue U., Indianapolis	132	87,648	39,869	3,029	34,236	3,434	6,776	304
San Jose State U.	133	83,406	31,780	7,116	38,582	2,101	2,478	1,349
U. Texas Rio Grande Valley	134	82,444	25,068	4,367	37,248	569	15,016	176
William & Mary	135	81,815	32,631	3,882	35,413	1,174	5,385	3,330
Florida Atlantic U.	136	77,593	35,108	8,511	23,101	2,611	7,308	954
Northern Arizona U.	137	77,533	50,491	9,030	15,566	1,023	1,250	173
Naval Postgraduate School	138	77,364	62,715	0	13,261	654	67	667
U. Southern Mississippi	139	75,034	48,374	13,504	12,285	372	499	0

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South Dakota State U.	140	71,340	28,897	17,795	6,156	1,432	3,251	13,809
Old Dominion U.	141	71,334	31,104	13,535	23,954	387	1,915	439
U. Massachusetts, Boston	142	70,978	27,098	7,176	27,225	2,400	6,733	346
Louisiana State U., Health Sciences Center, New Orleans	143	68,707	35,933	447	24,332	3,478	4,235	282
U. Toledo	144	67,656	37,872	1,615	22,250	2,292	3,230	397
East Carolina U.	145	67,082	30,851	371	28,495	4,648	2,267	450
Florida A&M U.	146	65,159	54,363	2,851	6,503	586	856	0
U. California, Office of the President	147	63,629	25	41,345	22,143	0	0	116
CUNY, City C.	148	63,159	38,669	11,846	10,996	223	1,047	378
North Carolina A&T State U.	149	62,307	37,152	2,075	21,880	628	292	280
U. California, Merced	150	62,279	28,576	6,985	20,709	1,294	2,464	2,251
Missouri U. of Science and Technology	151	61,496	32,457	682	17,847	3,907	1,037	5,566
U. Puerto Rico, Medical Sciences Campus	152	61,235	46,789	406	10,781	3,259	0	0
U. Wisconsin-Milwaukee	153	60,712	25,612	17,207	13,084	1,431	1,450	1,928
Ohio U.	154	59,877	21,919	1,041	31,828	3,767	1,011	311
Kent State U.	155	58,984	17,959	1,021	37,300	753	1,872	79
Southern Illinois U., Carbondale	156	58,291	17,209	3,522	29,972	6,916	672	0
Air Force Institute of Technology	157	56,848	45,087	0	11,659	102	0	0
U. Missouri, Kansas City	158	54,565	28,115	336	20,030	582	934	4,568
CUNY, Graduate Center	159	54,089	2,792	428	45,484	127	4,450	808
U. Maryland Center for Environmental Science	160	53,233	15,378	26,509	9,309	198	1,563	276
SUNY, Upstate Medical U.	161	53,219	30,069	2,231	11,303	6,335	2,054	1,227
U. South Alabama	162	53,182	28,637	683	19,291	1,300	2,422	849
Boise State U.	163	52,989	35,801	3,473	12,190	426	704	395
Texas Tech U., Health Sciences Center	164	48,638	14,732	18,670	9,432	608	3,205	1,991
Rowan U.	165	47,810	18,454	6,659	20,501	1,230	966	0
Portland State U.	166	46,324	31,731	5,312	5,753	708	2,244	576
Western Michigan U. and Homer Stryker M.D. School of Medicine	167	45,157	12,631	1,216	25,832	3,280	603	1,595
U.S. Air Force Academy	168	44,880	44,056	0	0	357	0	467
U. North Carolina, Greensboro	169	44,521	31,581	363	10,750	450	1,055	322
Morgan State U.	170	43,868	30,451	5,582	5,635	721	644	835
East Tennessee State U.	171	42,335	10,776	2,889	24,910	130	3,601	29
U. Massachusetts, Dartmouth	172	42,018	13,742	2,933	21,993	1,808	1,267	275
U. West Florida	173	40,454	17,954	542	20,955	601	402	0
Georgia Southern U.	174	40,026	3,562	521	30,268	5,367	270	38

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Texas A&M U.-Corpus Christi	175	39,305	17,742	10,790	5,118	230	2,783	2,642
Montclair State U.	176	38,209	5,916	707	29,934	26	1,621	5
Oakland U.	177	37,263	9,600	3,066	15,987	4,953	1,636	2,021
CUNY, Hunter C.	178	37,172	22,124	3,037	9,506	739	1,293	473
California Polytechnic State U., San Luis Obispo	179	35,830	14,810	4,997	12,550	1,205	2,182	86
Louisiana State U., Health Sciences Center, Shreveport	180	35,624	18,742	158	8,014	3,715	4,995	0
SUNY, Downstate Health Sciences U.	181	35,600	28,543	0	3,431	313	3,005	308
San Francisco State U.	182	34,466	16,507	1,978	14,434	0	1,536	11
Marshall U.	183	33,693	19,797	1,606	10,608	510	1,172	0
Delaware State U.	184	33,499	24,167	4,093	3,975	48	1,181	35
Illinois State U.	185	32,961	13,612	2,429	16,099	152	664	5
SUNY, C. of Environmental Science and Forestry	186	32,682	9,231	14,316	6,234	515	1,073	1,313
Kennesaw State U.	187	32,497	5,908	563	24,976	157	893	0
U. Texas Health Science Center, Tyler	188	32,077	12,555	10,087	3,795	172	5,468	0
Louisiana Tech U.	189	31,676	8,118	2,220	19,098	722	0	1,518
U. Nebraska, Omaha	190	30,841	22,096	3,184	4,886	61	512	102
Desert Research Institute	191	30,716	20,061	1,657	4,378	802	2,890	928
U. South Dakota	192	29,855	14,101	1,798	13,128	44	782	2
Rutgers, State U. New Jersey, Newark	193	29,787	16,315	1,073	9,143	195	2,880	181
U. Puerto Rico, Rio Piedras	194	29,202	16,053	81	12,414	252	375	27
Northern Illinois U.	195	29,134	10,849	1,299	15,720	705	469	92
Miami U.	196	28,430	10,724	2,483	12,745	1,350	1,066	62
Tennessee State U.	197	28,246	15,983	1,177	10,740	155	187	4
California State U., Sacramento	198	28,027	11,284	10,056	5,821	26	556	284
CUNY, Graduate School of Public Health and Health Policy	199	26,651	13,413	9,353	1,330	1,057	1,451	47
Texas A&M U.-Kingsville	200	26,401	9,584	7,058	3,311	487	5,932	29
Wright State U.	201	26,189	19,081	1,158	4,837	513	360	240
California State U., Fullerton	202	25,811	6,049	205	18,925	204	428	0
U. Minnesota, Duluth	203	25,534	7,533	6,410	11,092	381	63	55
CUNY, Queens C.	204	25,492	17,811	1,345	5,536	8	710	82
Central Michigan U.	205	25,363	9,591	0	13,833	408	852	679
Florida Gulf Coast U.	206	24,899	9,858	9,477	3,533	108	1,891	32
Eastern Virginia Medical School	207	23,991	17,947	329	3,650	1,277	612	176
Tarleton State U.	208	23,345	5,478	4,392	12,689	286	500	0
U. North Florida	209	23,269	8,113	1,436	12,378	825	293	224

TABLE 37

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2023**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
California State U., Northridge	210	23,093	19,169	1,152	1,278	113	1,381	0
CUNY, John Jay C. of Criminal Justice	211	22,967	7,452	6,104	5,096	111	3,124	1,080
U. Colorado Denver	212	22,530	17,181	2,387	513	846	1,258	345
U. Guam	213	22,388	18,992	2,252	1,083	59	2	0
Southern Illinois U., Edwardsville	214	21,927	3,621	1,684	15,854	752	14	2
U. North Carolina, Wilmington	215	21,879	8,116	8,296	3,028	1,640	656	143
Prairie View A&M U.	216	21,791	12,354	4,391	3,550	490	1,006	0
U. Akron	217	21,525	10,709	190	7,434	1,836	746	610
California State U., Long Beach	218	21,458	13,758	1,930	3,618	149	1,468	535
California State U., East Bay	219	21,312	8,508	433	9,969	0	2,381	21
James Madison U.	220	21,265	3,475	925	16,041	18	780	26
Tennessee Technological U.	221	20,797	9,975	5,675	4,623	120	116	288
Bowling Green State U.	222	20,726	8,208	2,160	9,214	233	911	0
U.S. Military Academy	223	20,493	19,390	0	66	269	700	68
U. New Orleans	224	20,396	5,283	897	12,325	491	267	1,133
South Dakota School of Mines and Technology	225	20,337	14,640	2,673	2,381	286	35	322
U. of the Virgin Islands	226	20,259	19,127	1,010	NA	48	74	0
U. Alaska, Anchorage	227	19,850	12,646	2,175	3,798	283	537	411
Jackson State U.	228	19,457	16,443	0	1,601	4	1,375	34
Alcorn State U.	229	19,141	10,996	5,206	2,894	24	21	0
California State Polytechnic U., Humboldt	230	18,800	3,280	3,338	5,724	437	3,094	2,927
North Carolina Central U.	231	18,477	15,188	1,085	NA	494	883	827
Montana Technological U.	232	18,375	9,585	5,503	3,057	230	0	0
Idaho State U.	233	17,548	9,230	3,042	4,362	605	196	113
CUNY, Advanced Science Research Center	234	17,309	11,916	761	2,201	451	1,574	406
Towson U.	235	17,198	3,653	369	12,449	79	622	26
Texas Southern U.	236	16,287	10,969	1,227	4,042	0	49	0
Western Washington U.	237	15,874	6,598	1,504	5,107	66	2,520	79
Alabama A&M U.	238	15,588	12,197	162	2,848	381	0	0
Fort Valley State U.	239	15,536	7,505	8,031	0	0	0	0
U. Tennessee, Chattanooga	240	14,671	6,003	893	6,585	252	381	557
Missouri State U.	241	14,654	12,973	84	1,387	20	172	18
Salisbury U.	242	14,557	5,049	5,551	3,904	0	53	0
U. Hawaii, system office	243	14,172	14,150	0	22	0	0	0
U. Puerto Rico, Mayaguez	244	13,989	12,260	193	421	455	660	0

TABLE 37

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2023**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Virginia State U.	245	13,504	7,166	3,051	2,566	0	713	8
Texas Tech U., Health Sciences Center, El Paso	246	13,189	2,415	3,097	6,947	229	501	0
California State U., San Bernardino	247	13,152	7,606	2,799	2,051	1	695	0
Northeast Ohio Medical U.	248	13,116	8,873	202	3,440	0	601	0
U. Missouri, Saint Louis	249	12,808	4,569	82	5,245	105	2,190	617
Oklahoma State U., Center for Health Sciences	250	12,500	4,773	40	7,600	11	76	0
Sam Houston State U.	251	11,760	3,307	579	6,787	235	315	537
Ball State U.	252	11,650	6,355	396	3,956	637	306	0
Kentucky State U.	253	11,591	7,605	3,969	NA	17	0	0
California State U., San Marcos	254	11,443	9,845	1,171	326	0	101	0
California State U., Fresno	255	11,411	4,864	1,394	3,770	238	1,120	25
Central State U.	256	11,123	5,523	3,857	1,743	0	0	0
U.S. Naval Academy	257	10,920	10,260	0	0	0	221	439
U. Michigan, Dearborn	258	10,839	3,464	0	4,361	2,601	331	82
U. Maryland, Eastern Shore	259	10,730	10,201	237	266	0	24	2
California State Polytechnic U., Pomona	260	10,722	8,162	881	1,438	171	70	0
California State U., Monterey Bay	261	10,678	5,639	2,125	2,706	64	144	0
Langston U.	262	10,505	5,473	19	4,583	430	0	0
West Texas A&M U.	263	10,302	2,118	4,772	2,243	1,135	34	0
California State U., Los Angeles	264	10,186	8,973	108	788	0	317	0
Kean U.	265	10,062	1,870	134	7,954	15	89	0
Middle Tennessee State U.	266	9,577	3,822	488	4,173	143	943	8
Rutgers, State U. New Jersey, Camden	267	9,527	3,042	1,842	3,214	544	860	25
Western Kentucky U.	268	9,298	3,401	790	4,906	78	123	0
Lamar U.	269	9,168	2,259	6,124	277	342	166	0
U. Northern Colorado	270	9,064	1,705	202	6,848	69	240	0
U. Arkansas, Little Rock	271	8,685	7,544	218	69	513	134	207
Winston-Salem State U.	272	8,668	7,901	374	0	0	336	57
CUNY, Brooklyn C.	273	8,535	5,518	838	1,998	44	119	18
Appalachian State U.	274	8,479	3,497	134	3,123	702	1,006	17
Eastern Michigan U.	275	8,363	2,521	72	5,463	0	297	10
Lincoln U., Jefferson City	276	8,196	4,610	3,552	34	0	0	0
U. Hawaii, Hilo	277	8,112	6,068	22	809	59	940	214
Southern Connecticut State U.	278	8,007	1,433	136	5,810	68	239	321
U. of the District of Columbia	279	7,945	7,367	384	48	0	131	15



TABLE 37

## Higher education R&amp;D expenditures at public institutions, ranked by all R&amp;D expenditures, by source of funds: FY 2023

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds							
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources		
U. Central Oklahoma	280	7,870 i	2,071 i	833 i	4,867 i	95 i	3 i	1 i		
South Carolina State U.	281	7,814	5,330	1,531	890	0	63	0		
U. Arkansas, Pine Bluff	282	7,766	4,204	1,294	2,219	41	8	0		
Southern U. and A&M C., Agricultural Research and Extension Center	283	7,764	4,688	3,037	24	0	15	0		
Pennsylvania State U., Behrend	284	7,614	4,378	388	1,823	708	308	9		
Purdue U., Northwest	285	7,504	3,409	996	1,604	597	236	662		
Arkansas State U., Jonesboro	286	7,323	3,083	3,419	561	260	0	0		
C. Charleston	287	7,231	5,036	274	1,285	64	571	1		
Texas A&M U.-Commerce	288	7,029	1,936	809	3,726	3	494	61		
U. Colorado Colorado Springs	289	7,012	5,205	29	1,042	523	207	6		
Texas Woman's U.	290	6,922	2,439	2,136	1,396	166	785	0		
U. North Carolina, Asheville	291	6,761	3,323	547	615	126	2,148	2		
U. Baltimore	292	6,615	4,250	1,819	NA	20	422	104		
California State U., Bakersfield	293	6,409	3,525	154	2,580	0	150	0		
U. Washington, Tacoma	294	6,243	3,875	1,393	278	1	520	176		
Grand Valley State U.	295	6,231	1,808	450	2,906	0	584	483		
Norfolk State U.	296	6,194	4,381	574	677	182	380	0		
Northwest Indian C.	297	6,184 i	4,595 i	0 i	1,589 i	0 i	0 i	0 i		
West Chester U. Pennsylvania	298	6,132	1,386	54	4,176	124	392	0		
Indiana U. Pennsylvania	299	6,052	1,702	532	3,293	17	508	0		
U.S. Army War C.	300	6,035 i	6,035 i	0 i	0 i	0 i	0 i	0 i		
California State U., Chico	301	5,984	3,152	1,130	636	18	97	951		
U. Southern Maine	302	5,930	2,598	3,070	185	0	72	5		
CUNY, Lehman C.	303	5,918	4,487	0	782	365	181	103		
U. Oklahoma, Tulsa	304	5,826	1,328	330	2,963	124	1,054	27		
Naval War C.	305	5,819	5,819	0	0	0	0	0		
U. Washington, Bothell	306	5,738	3,787	617	486	1	667	180		
Texas A&M International U.	307	5,602	1,966	1,011	1,542	170	913	0		
Oregon Institute of Technology	308	5,585 i	1,375	3,931 i	NA	97 i	182 i	0		
California State U., Dominguez Hills	309	5,558	2,457	870	1,996	41	52	142		
Dakota State U.	310	5,253	2,437	231	660	692	25	1,208		
West Virginia State U.	311	5,226	2,800	1,804	521	0	101	0		
Southern U. and A&M C., Baton Rouge	312	5,201	4,444	75	34	648	0	0		
Pennsylvania State U., Harrisburg	313	5,159	3,045	887	742	178	303	4		
Sul Ross State U.	314	4,878	1,568	1,223	1,804	0	283	0		

TABLE 37

## Higher education R&amp;D expenditures at public institutions, ranked by all R&amp;D expenditures, by source of funds: FY 2023

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
U. Wisconsin-Superior	315	4,825	3,559	81	1,062	87	36	0
CUNY, C. Staten Island	316	4,730	3,296	224	975	41	109	85
Coastal Carolina U.	317	4,729	1,847	1,004	1,694	0	184	0
Sonoma State U.	318	4,625	3,483	585	321	46	190	0
U. Wisconsin-Stevens Point	319	4,589	2,079	948	997	0	302	263
U. Northern Iowa	320	4,564	2,975	541	911	0	137	0
SUNY, C. of Optometry	321	4,423	2,469	0	594	1,328	10	22
CUNY, system office	322	4,296	2,901	413	730	18	234	0
CUNY, Baruch C.	323	4,084	1,879	77	988	91	785	264
California State U., Channel Islands	324	3,992	1,773	1,086	737	219	177	0
Austin Peay State U.	325	3,950	1,401	1,385	530	0	100	534
Western Illinois U.	326	3,824	3,283	144	42	243	0	112
Northern Kentucky U.	327	3,790	2,413	77	1,113	6	181	0
Troy U.	328	3,785	3,069	81	398	1	203	33
Citadel Military C. South Carolina	329	3,757	3,287	159	258	0	0	53
Chicago State U.	330	3,756	3,756	0	0	0	0	0
Central Washington U.	331	3,683	2,499	650	282	85	132	35
U. Nebraska, Kearney	332	3,681	1,739	590	1,307	25	0	20
Stephen F. Austin State U.	333	3,661	1,098	1,648	541	32	225	117
Fayetteville State U.	334	3,569	1,847	536	1,005	130	51	0
Christopher Newport U.	335	3,507	2,055	0	1,218	94	140	0
U. Texas, Tyler	336	3,487	1,652	960	432	227	187	29
New Mexico Highlands U.	337	3,468	3,416	0	43	0	0	9
Fort Lewis C.	338	3,372	2,816	23	143	6	384	0
Youngstown State U.	339	3,244	2,691	244	207	47	55	0
Alabama State U.	340	3,229	2,848	0	0	296	85	0
Murray State U.	341	3,193	2,058	29	993	79	34	0
Winthrop U.	342	3,189	2,358	54	707	7	63	0
Saginaw Valley State U.	343	3,143	2,503	0	476	6	138	20
U. Central Arkansas	344	3,092	1,824	583	615	40	11	19
Minnesota State U., Mankato	345	3,055	905	196	1,537	0	45	372
Dine C.	346	3,054	2,255	262	223	0	314	0
Pittsburg State U.	347	2,979	1,591	633	NA	755	0	0
East Stroudsburg U. Pennsylvania	348	2,928	909	1,421	546	0	52	0
U. Wisconsin-La Crosse	349	2,921	714	804	639	709	44	11

TABLE 37

## Higher education R&amp;D expenditures at public institutions, ranked by all R&amp;D expenditures, by source of funds: FY 2023

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
St. Cloud State U.	350	2,901	689	305	719	835	145	208
Southeastern Louisiana U.	351	2,858	1,366	237	758	472	25	0
CUNY, New York City C. of Technology	352	2,819	2,498	30	241	10	16	24
Purdue U., Fort Wayne	353	2,804	226	455	1,087	172	291	573
U. Wisconsin-Green Bay	354	2,801	1,222	556	868	52	103	0
U. Wisconsin-River Falls	355	2,772	551	1,832	39	213	0	137
U. Texas of the Permian Basin	356	2,769	1,013	525	832	190	7	202
Morehead State U.	357	2,658	1,718	381	11	530	18	0
C. New Jersey	358	2,641	1,755	72	482	0	332	0
SUNY, Buffalo State U.	359	2,636	1,615	765	222	0	17	17
Bowie State U.	360	2,612	2,469	143	0	0	0	0
SUNY, Cobleskill	361	2,566	730	1,832	0	4	0	0
Eastern Washington U.	362	2,546	1,015	1,198	NA	8	221	104
Lake Superior State U.	363	2,545	1,475	166	720	66	37	81
Western Carolina U.	364	2,543	1,600	337	378	171	57	0
U. Illinois, Springfield	365	2,508	1,057	426	818	0	207	0
National Defense U.	366	2,494	2,494	0	0	0	0	0
Stockton U.	367	2,386	688	711	815	36	74	62
Virginia Military Institute	368	2,350	1,534	296	510	0	10	0
California State U., Stanislaus	369	2,305	1,150	513	168	468	6	0
Northeastern Illinois U.	370	2,262	2,262	0	0	0	0	0
Black Hills State U.	371	2,260	1,918	82	258	0	2	0
Florida Polytechnic U.	371	2,260	1,172	141	723	183	41	0
U. South Carolina, Aiken	373	2,250	782	0	1,453	0	15	0
U. Louisiana, Monroe	374	2,203	1,655	371	3	30	144	0
U. Wisconsin-Eau Claire	375	2,191	1,027	509	389	248	10	8
U. Houston-Clear Lake	376	2,127	1,273	251	48	533	22	0
U. Wisconsin-Oshkosh	377	2,087	1,249	136	545	157	0	0
U. Puerto Rico, Humacao	378	2,074	1,822	0	252	0	0	0
Northwestern State U. Louisiana	379	2,057	822	936	299	0	0	0
Utah Valley U.	380	2,015	1,671	279	36	14	15	0
U. Houston-Downtown	381	1,967	1,495	183	140	68	81	0
SUNY, Geneseo	382	1,958	1,292	9	491	0	52	114
Albany State U.	383	1,932	1,681	106	0	145	0	0
Ferris State U.	384	1,915	1,430	88	271	53	73	0

TABLE 37

## Higher education R&amp;D expenditures at public institutions, ranked by all R&amp;D expenditures, by source of funds: FY 2023

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
SUNY, C. Brockport	385	1,877	813	155	610	0	290	9
Northern Michigan U.	386	1,871	560	25	1,079	1	80	126
U. Alaska, Southeast	387	1,822	1,463	117	100	0	105	37
Nevada State C.	388	1,744	1,711	33	0	0	0	0
SUNY, C. Plattsburgh	389	1,722	1,121	0	530	0	69	2
CUNY, York C.	390	1,711	1,504	0	159	0	48	0
Savannah State U.	391	1,706	1,675	18	0	0	13	0
U. North Georgia	392	1,643	477	131	871	7	157	0
Elizabeth City State U.	393	1,641	1,093	403	NA	145	0	0
Colorado State U., Pueblo	394	1,624	952	199	347	0	0	126
SUNY, Oswego	395	1,595	894	49	595	1	32	24
Indiana U., South Bend	396	1,593	420	3	875	0	295	0
Texas A&M U.-San Antonio	396	1,593	1,233	51	51	4	224	30
U. Puerto Rico, Cayey	398	1,519	733	0	412	0	374	0
U. Wisconsin-Platteville	399	1,481 i	465 i	378 i	249 i	339 i	39 i	11 i
U. South Carolina, Beaufort	400	1,466	889	43	417	0	117	0
West Virginia School of Osteopathic Medicine	401	1,459 i	500 i	12 i	947 i	0 i	0 i	0 i
Eastern Connecticut State U.	402	1,449	210	0	1,239	0	0	0
Eastern Kentucky U.	403	1,446	798	124	468	56	0	0
U. Hawaii, Maui C.	404	1,376	1,234	0	117	0	25	0
Indiana State U.	405	1,327	980	83	212	32	11	9
Radford U.	406	1,315	109	135	903	13	155	0
U. Virginia's C. Wise	407	1,223	447	367	333	0	69	7
Pennsylvania State U., Altoona	408	1,215	297	6	666	91	144	11
U. of Mary Washington	409	1,115	406	57	548	0	79	25
New C. Florida	410	1,080	146	0	367	425	142	0
Southern U., New Orleans	411	1,004	536	460	0	8	0	0
Central Connecticut State U.	412	934	393	51	480	0	2	8
Rhode Island C.	413	839	786	0	NA	0	53	0
Framingham State U.	414	735	700	0	35	0	0	0
U.S. Coast Guard Academy	415	689	278	0	287	0	124	0
U. Puerto Rico, Ponce	416	659	510	0	149	0	0	0
Lincoln U.	417	628	430	126	0	0	72	0
William Paterson U.	418	533	168	0	350	4	11	0
Grambling State U.	419	449	377	52	20	0	0	0

TABLE 37

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2023**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Source of funds					
			Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
St. Mary's C. Maryland	420	205	152	31	0	0	22	0

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

<sup>a</sup> 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.

<sup>b</sup> 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):**

Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

**Source(s):**

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