

TABLE 36

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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	-	56,663,756	28,492,277	4,204,494	15,609,925	3,175,941	3,281,118	1,900,001
U. Michigan, Ann Arbor	1	1,673,862	884,880	2,074	607,120	96,044	75,131	8,613
U. California, San Francisco	2	1,651,073	676,331	32,635	418,048	120,488	231,371	172,200
U. Washington, Seattle	3	1,456,902	1,024,195	27,087	111,141	57,698	198,220	38,561
U. California, San Diego	4	1,403,735	727,289	45,233	290,347	109,943	110,299	120,624
U. California, Los Angeles	5	1,392,941	655,030	81,216	302,597	82,905	194,946	76,247
U. Wisconsin-Madison	6	1,363,931	632,558	103,607	435,653	29,589	122,835	39,689
U. North Carolina, Chapel Hill	7	1,159,725	706,145	8,129	301,817	49,974	76,679	16,981
Texas A&M U., College Station and Health Science Center	8	1,130,803	517,489	205,190	291,325	35,783	53,539	27,477
U. Pittsburgh, Pittsburgh	9	1,105,532	689,273	11,600	254,704	29,764	65,940	54,251
U. Maryland <sup>a</sup>	10	1,103,062	689,125	39,195	282,188	28,881	57,662	6,011
U. Texas M. D. Anderson Cancer Center	11	1,051,297	186,488	291,619	209,905	194,528	31,021	137,736
Georgia Institute of Technology	12	1,048,988	790,518	107,480	71,373	63,120	14,200	2,297
U. Minnesota, Twin Cities	13	1,042,382	514,092	78,122	333,014	48,857	42,157	26,140
Pennsylvania State U., University Park and Hershey Medical Center	14	991,923	638,930	47,196	211,889	29,131	63,664	1,113
Ohio State U.	15	968,260	539,359	50,614	151,106	150,235	48,000	28,946
U. Florida	16	942,223	397,202	169,194	253,646	37,922	50,483	33,776
U. California, Berkeley	17	840,000	349,989	32,598	181,355	81,265	135,100	59,693
U. California, Davis	18	816,693	380,965	74,086	208,842	54,246	42,970	55,584
U. Texas, Austin	19	797,199	500,409	23,611	147,947	77,789	40,881	6,562
U. Arizona	20	760,975	328,807	33,210	231,170	23,040	34,707	110,041
Indiana U., Bloomington	21	728,554	343,876	3,434	281,536	26,506	71,676	1,526
Michigan State U.	22	713,197	329,748	47,310	290,251	13,141	18,986	13,761
U. Illinois, Urbana-Champaign	23	689,176	387,853	25,302	186,309	36,178	34,212	19,322
Rutgers, State U. New Jersey, New Brunswick	24	688,077	311,743	86,581	130,582	60,291	60,621	38,259
Purdue U., West Lafayette	25	687,144	270,605	39,251	228,677	75,499	30,205	42,907
Arizona State U.	26	673,357	278,150	40,835	248,659	18,148	62,702	24,863
U. Virginia, Charlottesville	27	652,002	300,348	8,780	212,843	29,798	37,430	62,803
U. Alabama, Birmingham	28	618,226	400,110	8,209	116,242	58,758	33,706	1,201
U. Utah	29	607,061	314,023	4,908	209,608	38,458	36,404	3,660
U. Texas Southwestern Medical Center	30	595,939	242,679	66,440	137,027	38,500	53,780	57,513
Virginia Polytechnic Institute and State U.	31	556,341	210,792	61,192	231,204	39,857	6,319	6,977
U. Colorado Denver and Anschutz Medical Campus	32	554,643	348,724	24,563	71,012	50,627	49,479	10,238
North Carolina State U.	33	546,290	232,110	123,750	131,677	53,302	4,750	701
U. Iowa	34	538,583	259,639	5,489	225,307	28,073	20,062	13
U. Cincinnati	35	530,138	285,899	5,867	144,949	38,587	42,326	12,510
U. Colorado Boulder	36	525,674	427,869	4,435	35,695	9,942	15,348	32,385
U. California, Irvine	37	490,597	241,734	15,947	123,966	33,033	28,381	47,536
U. Georgia	38	482,786	171,351	54,667	220,201	9,490	17,725	9,352
Oregon Health and Science U.	39	446,890	321,572	334	44,413	38,692	41,520	359
SUNY, U. Buffalo	40	422,038	200,155	25,016	131,323	29,881	19,164	16,499

TABLE 36

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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. Kentucky	41	417,674	200,664	35,346	130,570	9,985	10,677	30,432
U. Illinois, Chicago	42	412,147	223,030	6,772	135,744	14,766	24,288	7,547
Colorado State U., Fort Collins	43	407,302	287,100	17,707	61,093	13,406	19,938	8,058
U. Kansas	44	368,811	185,007	22,364	116,482	22,089	22,243	626
Iowa State U.	45	363,107	165,912	36,709	125,420	18,149	11,626	5,291
U. Oklahoma, Norman and Health Science Center	46	362,209	183,728	35,983	111,660	17,698	9,232	3,908
SUNY, Polytechnic Institute	47	355,651	27,998	169,352	14,251	139,125	588	4,337
Florida State U.	48	350,430	162,296	4,391	164,970	2,177	8,946	7,650
Washington State U.	49	335,201	154,623	51,641	104,722	13,458	7,101	3,656
U. South Florida, Tampa	50	333,344	158,958	14,824	126,104	15,525	14,530	3,403
U. Missouri, Columbia	51	332,180	156,190	25,000	123,624	13,749	8,132	5,485
Uniformed Services U. of the Health Sciences	52	324,510	235,202	0	82,613	0	6,695	0
U. Nebraska, Lincoln	53	320,463	107,299	54,240	125,648	19,215	5,451	8,610
U. Tennessee, Knoxville <sup>b</sup>	54	320,407	138,402	15,100	147,875	7,580	6,021	5,429
Utah State U.	55	304,256	242,156	22,820	24,719	7,961	784	5,816
Temple U.	56	299,707	154,600	8,556	93,385	17,721	18,264	7,181
Louisiana State U., Baton Rouge	57	286,733	87,895	72,026	99,412	10,461	9,391	7,548
Virginia Commonwealth U.	58	283,874	152,751	28,217	75,230	12,699	14,977	0
Mississippi State U.	59	280,485	120,616	90,345	55,647	3,477	9,055	1,345
U. Connecticut	60	280,131	164,848	5,631	79,292	11,409	12,894	6,057
U. Massachusetts, Medical School	61	279,096	192,938	1,410	45,329	15,073	19,535	4,811
U. Hawaii, Manoa	62	275,929	163,694	19,229	76,169	2,623	12,809	1,405
U. Texas Health Science Center, Houston	63	273,862	133,624	42,174	44,129	16,479	24,958	12,498
Medical U. South Carolina	64	272,590	153,802	5,666	73,804	20,747	11,011	7,560
Oregon State U.	65	268,385	167,494	49,880	25,759	7,387	2,499	15,366
SUNY, Stony Brook U.	66	263,470	146,478	13,795	87,367	5,307	8,287	2,236
Auburn U., Auburn	67	255,281	73,468	31,628	130,268	6,700	1,632	11,585
U. California, Santa Barbara	68	254,434	123,198	4,335	54,929	22,578	29,986	19,408
U. New Mexico	69	243,375	161,627	6,046	61,092	3,733	9,064	1,813
Wayne State U.	70	243,259	113,137	11,699	81,190	5,703	26,350	5,180
U. Central Florida	71	239,343	114,575	14,653	86,095	12,418	6,049	5,553
Florida International U.	72	236,842	103,366	18,582	104,836	2,271	7,059	728
Clemson U.	73	228,597	82,203	26,544	94,600	18,120	6,894	236
George Mason U.	74	221,006	104,070	3,750	58,447	7,972	38,691	8,076
U. Delaware	75	220,445	144,142	10,781	48,912	6,740	4,812	5,058
U. South Carolina, Columbia	76	219,464	97,143	6,028	100,802	4,050	7,250	4,191
U. Massachusetts, Amherst	77	219,389	116,170	7,779	75,307	7,702	8,880	3,551
Kansas State U.	78	213,900	79,100	42,624	76,929	6,594	7,057	1,596
U. Texas Health Science Center, San Antonio	79	202,572	102,959	21,895	45,061	8,048	24,287	322
Georgia State U.	80	202,451	78,199	6,910	101,059	575	15,022	686
U. Nebraska, Medical Center	81	202,406	105,158	11,932	43,265	10,072	16,011	15,968
U. Houston	82	200,428	71,779	33,898	74,188	8,034	9,803	2,726
Texas Tech U.	83	199,643	31,475	29,341	114,278	11,588	12,653	308

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**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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. Louisville	84	198,818	88,251	10,365	64,507	11,584	8,518	15,593
U. Vermont	85	191,147	97,981	1,115	73,959	3,617	8,565	5,910
West Virginia U.	86	188,452	79,657	8,958	70,620	6,077	5,948	17,192
Oklahoma State U., Stillwater	87	187,060	39,873	22,850	111,227	9,807	2,990	313
U. California, Riverside	88	184,894	92,503	10,827	51,440	6,288	7,826	16,010
U. Texas Medical Branch	89	180,595	114,103	7,302	44,544	5,832	8,814	0
U. Arkansas for Medical Sciences	90	174,549	70,508	11,085	69,885	12,826	5,537	4,708
Montana State U., Bozeman	91	166,285	93,759	18,088	45,253	2,392	4,918	1,875
U. Arkansas, Fayetteville	92	165,887	47,454	54,705	51,260	6,648	5,592	228
U. Louisiana, Lafayette	93	164,070	40,044	10,812	32,175	78,591	2,448	0
U. Nevada, Reno	94	159,790	64,793	8,534	74,320	3,807	2,062	6,274
U. New Hampshire	95	156,901	100,373	4,695	38,439	8,430	3,933	1,031
New Jersey Institute of Technology	96	155,715	85,746	2,987	53,611	3,013	5,719	4,639
North Dakota State U.	97	155,645	31,614	50,334	64,673	1,865	1,074	6,085
Wichita State U.	98	153,816	53,540	6,645	10,004	81,356	110	2,161
U. Alaska, Fairbanks	99	152,299	101,414	2,342	41,423	2,774	1,779	2,567
U. California, Santa Cruz	100	150,400	76,468	5,870	31,824	8,701	15,685	11,852
U. Texas, San Antonio	101	138,586	34,334	16,210	65,229	5,703	14,490	2,620
SUNY, U. Albany	102	138,088	67,039	5,201	61,302	705	1,744	2,097
U. Texas, Arlington	103	133,793	44,950	19,309	52,902	5,989	8,740	1,903
U. Texas, Dallas	104	132,192	55,983	11,080	36,906	6,496	21,727	0
U. Maine	105	132,184	54,376	18,487	50,890	3,005	3,685	1,741
U. Alabama, Huntsville	106	131,648	104,288	3,407	22,569	970	282	132
U. Mississippi	107	122,960	82,361	5,171	28,635	2,425	4,104	264
SUNY, Binghamton U.	108	117,870	24,564	4,957	82,764	3,588	1,258	739
U. Oregon	109	114,259	81,278	746	27,587	213	3,386	1,049
U. Idaho	110	112,810	51,450	35,509	19,536	2,581	971	2,763
U. North Dakota	111	111,663	44,153	14,272	40,488	11,419	1,039	292
U. Montana, Missoula	112	110,218	62,067	1,026	44,285	556	1,685	599
U. Rhode Island	113	109,967	67,242	9,302	26,749	2,892	2,960	822
U. Texas, El Paso	114	108,628	39,126	20,684	36,075	1,162	1,622	9,959
New Mexico State U.	115	107,275	60,971	21,097	13,809	1,644	3,827	5,927
U. Nevada, Las Vegas	116	105,872	29,252	2,493	69,282	1,149	655	3,041
Augusta U.	117	103,961	55,797	504	40,408	3,018	4,211	23
U. Tennessee, Health Science Center	118	99,716	48,264	4,503	26,628	3,353	8,902	8,066
San Diego State U.	119	97,710	41,117	3,073	48,934	836	2,043	1,707
U. Alabama, Tuscaloosa	120	95,200	43,017	16,018	32,141	2,525	1,071	428
U. Wyoming	121	93,061	57,353	5,164	24,503	4,519	1,394	128
U. Massachusetts, Lowell	122	92,216	41,304	8,471	35,980	3,263	1,300	1,898
U. North Texas, Denton	123	84,239	13,653	5,524	61,069	1,619	1,550	824
U. Maryland, Baltimore County	124	83,867	59,391	7,192	13,493	1,271	1,947	573
Colorado School of Mines	125	78,517	55,560	2,131	4,255	10,072	1,822	4,677
Cleveland State U.	126	78,189	53,756	956	16,601	2,166	4,515	195
Michigan Technological U.	127	77,927	36,172	456	31,849	6,661	220	2,569
U. Southern Mississippi	128	72,322	42,870	12,374	11,194	4,399	1,417	68

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Indiana U.-Purdue U., Indianapolis	129	71,387	31,622	1,467	28,006	2,214	7,950	128
Texas State U.	130	70,714	26,950	3,850	33,796	792	5,326	0
U. Memphis	131	69,463	18,063	7,776	39,192	998	2,914	520
William & Mary	132	66,763	30,436	3,760	25,542	795	4,561	1,669
Old Dominion U.	133	65,704	30,330	16,403	14,436	990	3,217	328
Northern Arizona U.	134	64,456	39,387	7,342	15,645	523	1,358	201
U. Massachusetts, Boston	135	64,219	27,575	3,325	25,435	2,075	5,618	191
Naval Postgraduate School	136	62,903	51,870	0	10,059	485	108	381
U. Wisconsin-Milwaukee	137	61,069	25,354	18,056	13,648	1,508	1,149	1,354
South Dakota State U.	138	60,939	22,531	16,477	3,143	1,879	3,800	13,109
U. California, Office of the President	139	60,686	217	31,777	28,666	0	20	6
East Carolina U.	140	57,820	20,168	620	28,538	3,363	5,131	0
U. Texas Rio Grande Valley	141	56,702	13,093	7,566	27,680	455	7,653	255
U. Maryland Center for Environmental Science	142	54,560	15,498	27,148	9,503	589	1,563	259
U. Toledo	143	54,100	27,770	1,254	18,793	4,075	2,130	78
Florida Atlantic U.	144	53,845	23,695	4,581	14,711	2,729	5,863	2,266
Ohio U.	145	51,914	15,543	1,398	28,659	4,349	1,452	513
U. South Alabama	146	51,102	21,825	239	24,879	1,511	100	2,548
Kent State U.	147	50,307	15,004	521	32,258	576	1,752	196
U. North Carolina, Charlotte	148	50,050	27,618	1,176	18,128	2,133	908	87
Wright State U.	149	49,825	35,321	5,352	7,833	606	613	100
U. North Texas, Health Science Center	150	47,392	25,917	10,787	7,265	1,463	1,800	160
San Jose State U.	151	47,301	34,102	6,297	4,100	914	1,345	543
Missouri U. of Science and Technology	152	47,001	22,860	230	16,536	4,604	575	2,196
U. California, Merced	153	45,966	20,000	5,108	16,274	558	1,870	2,156
CUNY, City C.	154	45,632	30,106	4,193	8,968	1,068	1,011	286
Texas Tech U., Health Sciences Center	155	44,135	13,043	18,200	8,839	357	1,350	2,346
Portland State U.	156	43,667	31,315	4,178	4,680	1,321	1,637	536
Louisiana State U., Health Sciences Center, New Orleans	157	43,419	31,381	196	5,881	2,109	3,290	562
Boise State U.	158	43,307	26,914	2,265	12,867	378	617	266
U.S. Air Force Academy	159	42,197	33,554	0	7,841	802	0	0
Southern Illinois U., Carbondale	160	41,617	12,735	467	21,176	6,777	462	0
SUNY, Upstate Medical U.	161	41,557	23,940	1,557	9,460	2,141	2,438	2,021
Florida A&M U.	162	41,319	33,136	2,561	4,997	550	75	0
U. West Florida	163	40,051	12,369	681	25,667	741	593	0
CUNY, Hunter C.	164	38,345	26,025	2,622	8,847	229	331	291
U. Puerto Rico, Medical Sciences Campus	165	37,217	27,033	361	6,251	3,551	0	21
U. Missouri, Kansas City	166	36,356	22,320	110	10,283	964	1,054	1,625
North Carolina Agricultural and Technical State U.	167	36,151	22,338	369	12,766	73	311	294

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Air Force Institute of Technology	168	35,584	22,854	0	12,612	118	0	0
SUNY, Downstate Medical Center	169	33,204	26,454	21	5,396	305	696	332
San Francisco State U.	170	33,078 i	16,331 i	2,243 i	13,222 i	67 i	1,200 i	15 i
Texas A&M U.-Corpus Christi	171	32,284	13,349	8,436	4,691	716	2,079	3,013
Illinois State U.	172	32,260	8,719	1,250	21,288	122	871	10
SUNY, C. of Environmental Science and Forestry	173	29,296	7,809	13,768	6,258	663	552	246
U. South Dakota	174	29,279	13,034	1,683	13,893	0	669	0
U. North Carolina, Greensboro	175	28,966	20,447	452	6,039	344	593	1,091
Rutgers, State U. New Jersey, Newark	176	28,006	16,196	1,460	5,902	778	2,050	1,620
U. Massachusetts, Dartmouth	177	26,836	6,506	1,644	16,761	1,354	307	264
California Polytechnic State U., San Luis Obispo	178	26,605	10,178	2,897	9,932	1,280	2,267	51
Louisiana Tech U.	179	26,585	7,167	2,606	14,576	903	0	1,333
U. Puerto Rico, Mayaguez	180	26,553	15,842	681	8,960	712	315	43
Desert Research Institute	181	26,428	15,791	997	4,345	415	3,819	1,061
U. Minnesota, Duluth	182	26,137	6,454	6,935	11,746	845	81	76
Rowan U.	183	26,018	15,551	4,401	3,737	818	1,511	0
Northern Illinois U.	184	25,420	8,030	1,032	15,823	221	254	60
Louisiana State U., Health Sciences Center, Shreveport	185	25,321	11,452	58	9,902	340	3,569	0
California State U., Sacramento	186	24,939	5,693	13,108	5,520	143	433	42
New Mexico Institute of Mining and Technology	187	24,591	22,922	179	345	881	220	44
Western Michigan U. and Homer Stryker M.D. School of Medicine	188	24,541	13,187	704	7,351	1,778	307	1,214
Miami U.	189	24,489	10,473	1,446	10,959	957	532	122
Delaware State U.	190	23,876 i	12,689 i	514 i	10,647 i	26 i	0 i	0 i
U. Nebraska, central administration	191	23,672	23,104	0	568	0	0	0
U. Akron	192	23,496	10,574	688	6,355	3,898	1,054	927
U. Puerto Rico, Rio Piedras	193	22,895	14,071	30	8,387	136	202	69
Texas A&M U.-Kingsville	194	22,745	9,610	3,576	3,711	692	5,110	46
U. Alaska, Anchorage	195	22,713	15,290	2,385	4,030	446	368	194
Marshall U.	196	22,250	11,078	1,073	8,169	489	1,441	0
U. Texas Health Science Center, Tyler	197	21,265	7,732	4,022	5,581	252	3,678	0
California State U., Northridge	198	21,228	17,261	1,422	1,515	35	995	0
Eastern Virginia Medical School	199	20,870	15,748	267	2,280	1,244	1,331	0
Bowling Green State U.	200	18,729	6,397	1,114	10,378	8	767	65
Prairie View A&M U.	201	18,723	9,249	4,754	4,309	212	199	0
Southern Illinois U., Edwardsville	202	18,273	3,467	90	13,531	989	168	28
U. South Florida, Saint Petersburg	203	18,243	5,344	4,603	8,119	2	160	15
Kennesaw State U.	204	17,954	1,983	121	14,582	606	526	136

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Montclair State U.	205	17,636	3,782	724	10,659	86	2,363	22
Central Michigan U.	206	17,448	7,450	70	8,581	57	962	328
Morgan State U.	207	17,193	14,101	2,263	336	226	267	0
California State U., Long Beach	208	16,684	12,014	1,908	1,235	617	698	212
U. New Orleans	209	16,594	3,868	686	9,355	549	1,141	995
U. North Carolina, Wilmington	210	16,544	6,783	6,013	2,433	569	671	75
CUNY, Queens C.	211	16,470	12,726	1,054	2,304	43	315	28
U. Nebraska, Omaha	212	16,134	9,996	1,845	3,116	74	941	162
North Carolina Central U.	213	15,833	12,787	116	NA	137	1,194	1,599
Northeast Ohio Medical U.	214	15,758	10,684	51	3,655	0	1,368	0
Tennessee State U.	215	15,377	8,707	467	6,141	44	18	0
U. Missouri, Saint Louis	216	15,352	6,146	40	5,875	91	2,526	674
Jackson State U.	217	15,081	13,662	0	1,226	0	183	10
U. Baltimore	218	15,054	11,748	2,218	NA	6	864	218
Tarleton State U.	219	14,890	4,139	2,779	7,526	334	112	0
South Dakota School of Mines and Technology	220	14,490	10,659	1,173	1,574	699	90	295
Idaho State U.	221	14,478	7,849	2,365	3,535	247	410	72
Langston U.	222	14,409	9,004	4	5,374	27	0	0
Humboldt State U.	223	14,236	2,399	4,147	2,964	212	2,259	2,255
Tennessee Technological U.	224	14,085	6,471	4,174	2,858	299	77	206
CUNY, John Jay C. of Criminal Justice	225	13,939	5,297	1,014	2,968	2,159	1,449	1,052
East Tennessee State U.	226	13,925	7,329	49	2,416	334	3,407	390
Alcorn State U.	227	13,710	7,023	4,519	2,110	56	2	0
U. of the Virgin Islands	228	13,631	11,787	1,700	26	0	118	0
U. North Florida	229	13,573	4,568	1,531	7,209	153	112	0
U. Hawaii, system office	230	13,568	13,367	0	201	0	0	0
California State U., San Marcos	231	13,250	11,547	1,308	272	0	123	0
Missouri State U.	232	13,131	12,310	37	665	115	4	0
U.S. Naval Academy	233	13,123	12,577	0	186	0	360	0
U. Guam	234	13,043	9,722	1,706	1,555	25	0	35
Montana Technological U.	235	12,987	4,322	6,090	1,757	810	0	8
Oakland U.	236	12,949	5,068	57	6,215	313	835	461
Western Washington U.	237	12,823	3,966	706	6,980	82	1,087	2
U.S. Military Academy	238	12,473	8,406	0	2,184	45	191	1,647
Sam Houston State U.	239	12,437	4,764	198	7,379	3	71	22
CUNY, Graduate School of Public Health and Health Policy	240	12,177	8,722	214	1,871	416	951	3
Georgia Southern U.	241	12,166	1,790	625	5,068	4,075	608	0
CUNY, Advanced Science Research Center	242	11,373	9,208	169	1,308	158	198	332
U. Tennessee, Chattanooga	243	10,834	3,915	889	5,073	151	331	475
California State U., San Bernardino	244	10,819	5,886	2,750	2,093	0	90	0
California State U., Los Angeles	245	10,590	8,380	72	1,817	0	321	0
Texas Tech U., Health Sciences Center, El Paso	246	10,421	1,703	2,932	5,211	257	318	0
James Madison U.	247	10,247	2,609	373	6,365	173	669	58

TABLE 36

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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
Rhode Island C.	248	10,094	4,128	5,448	93	0	425	0
Virginia State U.	249	10,014	5,642	1,431	2,061	0	879	1
U. Arkansas, Little Rock	250	9,711	7,289	259	1,812	31	320	0
William Paterson U.	251	9,603	1,896	0	7,575	1	131	0
Salisbury U.	252	9,496	2,413	3,638	3,359	11	75	0
Ball State U.	253	9,429	2,397	453	5,703	605	271	0
Eastern Michigan U.	254	9,088	2,598	63	5,950	61	350	66
California State U., East Bay	255	9,072	2,348	992	5,434	77	221	0
California State U., Fresno	256	8,856	3,117	2,431	1,949	455	904	0
U. Michigan, Dearborn	257	8,777	2,264	16	3,984	2,262	224	27
Alabama A&M U.	258	8,749	5,643	2,541	448	117	0	0
Middle Tennessee State U.	259	8,697	3,062	421	4,098	345	771	0
Arkansas State U., Jonesboro	260	8,640	4,712	2,987	746	187	1	7
U. Arkansas, Pine Bluff	261	8,540	4,393	1,748	2,309	0	90	0
Oklahoma State U., Center for Health Sciences	262	8,378	2,618	147	5,486	92	35	0
Western Kentucky U.	263	8,241	3,265	478	4,250	153	83	12
U. Maryland, Eastern Shore	264	8,092	8,084	0	0	8	0	0
Kentucky State U.	265	7,963	4,456	3,294	0	142	71	0
U. Oklahoma, Tulsa	266	7,483	1,953	1,060	2,936	115	891	528
California State Polytechnic U., Pomona	267	7,396	5,514	821	509	344	208	0
Norfolk State U.	268	7,153	7,148	0	5	0	0	0
U. Washington, Bothell	269	7,107	2,815	42	1,045	129	3,058	18
CUNY, Brooklyn C.	270	7,074	4,651	198	1,489	72	645	19
California State U., Bakersfield	271	7,053	4,486	150	2,306	38	22	51
U. Hawaii, Hilo	272	6,992	5,274	102	1,160	179	209	68
Grand Valley State U.	273	6,792	1,831	323	3,475	24	641	498
Florida Gulf Coast U.	274	6,671	5,304	814	103	104	346	0
Indiana U. Pennsylvania	275	6,531	1,309	147	4,647	62	339	27
West Chester U. Pennsylvania	276	6,414	724	62	5,277	28	175	148
West Texas A&M U.	277	6,220	1,542	2,440	1,327	805	67	39
Central State U.	278	6,107	3,097	1,861	1,149	0	0	0
Naval War C.	279	5,944	5,944	0	0	0	0	0
California State U., Fullerton	280	5,929	4,121	262	1,163	49	334	0
California State U., Monterey Bay	281	5,874	3,889	1,042	683	8	252	0
Purdue U., Northwest	282	5,839	1,996	786	1,549	759	147	602
U. Central Oklahoma	283	5,788	1,444	624	3,646	71	3	0
Winston-Salem State U.	284	5,781	4,498	57	NA	0	818	408
Lincoln U., Jefferson City	285	5,777	3,636	2,141	NA	0	0	0
West Virginia State U.	286	5,775	3,993	1,592	159	31	0	0
C. Charleston	287	5,728	3,087	275	1,727	7	574	58
U. Southern Maine	288	5,635	2,231	3,013	245	0	130	16
U. Colorado Colorado Springs	289	5,557	3,508	694	486	744	114	11
Southern Connecticut State U.	290	5,413	1,026	305	3,649	53	188	192
U. Massachusetts, central office	291	5,225	488	3,533	285	242	602	75

TABLE 36

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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
Fort Valley State U.	292	4,921	4,806	0	115	0	0	0
Appalachian State U.	293	4,894	1,469	199	2,568	112	485	61
U. North Carolina, Asheville	294	4,789	2,405	349	435	2	1,598	0
CUNY, Graduate Center	295	4,787	2,561	78	169	0	825	1,154
Texas Southern U.	296	4,782	2,941	1,048	789	0	4	0
U. Wisconsin-Stevens Point	297	4,764	2,193	932	1,044	3	341	251
U. of the District of Columbia	298	4,590	2,664	0	1,922	0	0	4
National Defense U.	299	4,583	4,583	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	300	4,475	2,085	2,338	52	0	0	0
Dakota State U.	301	4,412	3,957	34	220	192	9	0
Lamar U.	302	4,327	2,146	1,309	136	281	455	0
California State U., Chico	303	4,305	2,520	747	491	16	148	383
Oregon Institute of Technology	304	4,267	326	2,119	561	976	285	0
Stockton U.	305	4,236	872	2,235	1,008	0	121	0
Texas A&M U.-Commerce	306	4,166	1,226	313	2,252	46	205	124
CUNY, Lehman C.	307	4,154	3,197	0	500	82	44	331
Texas Woman's U.	308	4,135	1,700	699	1,058	59	619	0
Youngstown State U.	309	4,120	3,308	128	560	107	17	0
Rutgers, State U. New Jersey, Camden	310	3,950	1,952	91	1,136	166	603	2
U. North Carolina, general administration	311	3,942	572	3,370	0	0	0	0
Southern U. and A&M C., Baton Rouge	312	3,849	2,996	23	441	389	0	0
South Carolina State U.	313	3,796	i 3,796	i NA	NA	NA	NA	NA
U. Northern Colorado	314	3,738	1,853	262	1,267	8	348	0
CUNY, C. Staten Island	315	3,682	2,295	603	483	2	84	215
Stephen F. Austin State U.	316	3,672	1,257	1,316	703	32	206	158
Towson U.	317	3,612	2,010	126	1,185	15	156	120
U. Washington, Tacoma	318	3,504	3,075	120	207	0	102	0
SUNY, C. of Optometry	319	3,477	1,688	0	524	1,233	10	22
U. Central Arkansas	320	3,455	1,421	865	1,054	50	65	0
U. Illinois, Springfield	321	3,406	976	1,352	996	26	56	0
California State U., Maritime Academy	322	3,202	621	151	85	2,345	0	0
Colorado State U., Pueblo	323	3,104	1,161	1,791	152	0	0	0
Texas A&M International U.	324	3,067	986	707	647	63	637	27
St. Cloud State U.	325	3,056	459	366	1,358	536	337	0
Murray State U.	326	3,019	1,929	37	1,007	46	0	0
U. Northern Iowa	327	2,970	1,881	343	702	4	40	0
Austin Peay State U.	328	2,833	475	1,329	908	1	106	14
Fayetteville State U.	329	2,797	1,008	421	1,185	123	60	0
U. Wisconsin-La Crosse	330	2,795	817	848	434	455	234	7
Minnesota State U., Mankato	331	2,754	525	121	1,071	0	885	152
Northwest Indian C.	332	2,708	i 2,497	i 0	i 36	i 0	i 175	i 0
Western Carolina U.	333	2,696	1,707	228	479	121	161	0
Northern Kentucky U.	334	2,693	1,462	86	854	5	286	0



TABLE 36

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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
Central Washington U.	335	2,674	1,701	242	336	102	211	82
U. Nebraska, Kearney	336	2,640	1,259	330	961	39	17	34
Christopher Newport U.	337	2,608	1,365	17	903	108	98	117
U. South Carolina, Aiken	338	2,590	2,328	0	255	0	7	0
Alabama State U.	339	2,582	2,582	0	0	0	0	0
Western Illinois U.	340	2,461	1,801	168	254	217	0	21
Grambling State U.	341	2,427	787	560	1,080	0	0	0
CUNY, Baruch C.	342	2,396	1,470	14	434	0	367	111
U. Louisiana, Monroe	343	2,362	2,025	210	69	22	36	0
Saginaw Valley State U.	344	2,343	1,809	0	398	5	115	16
Framingham State U.	345	2,317	179	0	0	78	2,060	0
U. Wisconsin-Superior	346	2,301	1,382	174	563	66	10	106
U. Houston-Downtown	347	2,299	1,392	120	280	0	507	0
Eastern Washington U.	348	2,282	1,153	931	NA	14	134	50
Purdue U., Fort Wayne	349	2,264	589	408	713	70	54	430
Southeastern Louisiana U.	350	2,258	884	213	913	61	187	0
SUNY, Buffalo State	351	2,253	1,241	619	293	35	49	16
Winthrop U.	352	2,217	1,563	293	220	34	107	0
Kean U.	353	2,201	775	447	885	29	26	39
Pittsburg State U.	354	2,173	477	570	NA	1,085	41	0
U. South Florida, Sarasota-Manatee	355	2,150	10	0	2,096	0	44	0
CUNY, New York City C. of Technology	356	2,130	1,585	0	136	404	5	0
U. Texas of the Permian Basin	357	2,105	757	32	562	0	754	0
Sul Ross State U.	358	2,068	481	126	119	25	785	532
California State U., Dominguez Hills	359	2,065	1,433	32	600	0	0	0
Northeastern Illinois U.	360	2,018	2,018	0	0	0	0	0
U. Texas, Tyler	361	2,007	774	225	631	207	96	74
U. Wisconsin-Green Bay	362	1,982	890	500	207	41	172	172
U. Puerto Rico, Cayey	363	1,974	1,210	0	639	13	112	0
Bowie State U.	364	1,967	1,967	0	0	0	0	0
Northwestern State U. Louisiana	365	1,940	598	1,105	237	0	0	0
U. North Georgia	366	1,905	542	40	858	7	458	0
Coastal Carolina U.	367	1,903	1,211	119	61	0	512	0
Morehead State U.	368	1,883	1,674	50	133	0	26	0
Pennsylvania State U., Harrisburg	369	1,866	451	67	1,277	25	46	0
California State U., Stanislaus	370	1,843	1,284	73	79	399	8	0
Savannah State U.	371	1,804	1,804	0	0	0	0	0
Eastern Connecticut State U.	372	1,799	177	1	1,621	0	0	0
U. Wisconsin-Oshkosh	373	1,777	1,336	0	0	0	0	441
Pennsylvania State U., Behrend	374	1,743	543	7	0	718	475	0
SUNY, C. Brockport	375	1,719	781	343	574	20	1	0
CUNY, system office	376	1,704	884	164	163	26	105	362
Troy U.	377	1,692	1,591	0	66	16	19	0

TABLE 36

**Higher education R&D expenditures at public institutions, ranked by all R&D expenditures, by source of funds: FY 2020**

(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
CUNY, York C.	378	1,691	1,513	0	156	0	22	0
SUNY, Geneseo	379	1,642	950	12	675	0	5	0
Central Connecticut State U.	380	1,572	901	264	407	0	0	0
Sonoma State U.	381	1,545	936	310	247	16	36	0
SUNY, Oswego	382	1,534	492	61	945	8	15	13
Northern Michigan U.	383	1,523	446	0	876	15	10	176
Black Hills State U.	384	1,499	1,287	98	114	0	0	0
California State U., Channel Islands	385	1,497	553	574	339	31	0	0
Elizabeth City State U.	386	1,473	1,455	11	NA	0	0	7
Indiana State U.	387	1,471	949	241	204	31	46	0
C. New Jersey	388	1,464	951	32	153	49	279	0
U. Puerto Rico, Humacao	389	1,456	1,279	0	177	0	0	0
SUNY, C. Plattsburgh	390	1,452	950	37	353	0	9	103
U. of Mary Washington	391	1,393	660	20	594	0	90	29
Fort Lewis C.	392	1,370	1,228	51	79	12	0	0
U. Houston-Clear Lake	393	1,363	632	513	33	102	83	0
U. Wisconsin-Eau Claire	394	1,318	647	292	219	59	99	2
West Virginia School of Osteopathic Medicine	395	1,311	419	8	884	0	0	0
U. Alaska, Southeast	396	1,264	1,098	65	76	0	25	0
U. Michigan, Flint	397	1,247	276	3	588	366	8	6
Jacksonville State U.	398	1,244	1,216	0	28	0	0	0
Fort Hays State U.	399	1,172	764	24	168	209	7	0
U. Wisconsin-River Falls	400	1,107	488	408	7	152	0	52
U. Wisconsin-Platteville	401	1,104	336	285	189	256	29	9
Florida Polytechnic U.	402	1,091	252	289	479	46	5	20
New Mexico Highlands U.	403	1,090	1,034	0	0	0	56	0
Keene State C.	404	1,063	1,043	0	19	0	1	0
Albany State U.	405	1,060	836	116	0	108	0	0
Citadel Military C. South Carolina	406	1,012	736	0	135	0	11	130
Eastern Kentucky U.	407	1,010	554	66	309	4	77	0
U. Minnesota, Morris	408	1,004	213	138	647	0	6	0
Midwestern State U.	409	891	599	36	201	0	55	0
CUNY, Medgar Evers C.	410	882	588	0	245	0	48	1
Salish Kootenai C.	411	807	802	0	0	0	5	0
Weber State U.	412	676	424	159	33	30	30	0
Dine C.	413	347	347	0	0	0	0	0
New Jersey City U.	414	262	223	0	39	0	0	0
Columbus State U.	415	261	93	0	105	58	5	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 Tennessee, Knoxville includes expenditures from the University of Tennessee Institute of Agriculture. Due to a reorganization within the University of Tennessee system, the Institute of Agriculture now falls under the leadership of the University of Tennessee, Knoxville chancellor. Prior to FY 2020, the University of Tennessee, Knoxville, Institute of Agriculture reported to the survey separately.

**Note(s):**

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 2020.