

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All institutions	-	21,946,790	578,481	658,966	11,954,881	223,162	1,257,087	374,133	1,163,690	410,334	2,720,559	2,605,497
U. Michigan, Ann Arbor	1	607,120	6,977	6,537	313,112	12,155	21,777	12,226	83,471	2,332	61,500	87,033
U. Pennsylvania	2	544,997	9,661	628	325,222	3,504	15,745	2,679	29,507	4,455	32,718	120,878
U. Wisconsin-Madison	3	435,653	6,165	20,191	285,884	1,081	14,479	2,345	17,994	10,011	32,854	44,649
U. California, San Francisco	4	418,048	0	0	407,295	0	10,753	0	0	0	0	0
Harvard U.	5	391,127	636	7,122	160,670	1,484	24,966	2,453	64,897	6,388	35,202	87,309
Yale U.	6	339,695	1,848	3,060	285,141	1,844	22,787	3,184	9,260	139	9,038	3,394
U. Minnesota, Twin Cities	7	333,014	12,461	4,483	230,002	2,442	8,320	5,598	10,446	1,646	29,100	28,516
U. California, Los Angeles	8	302,597	2,405	4,226	200,781	747	6,651	2,523	30,673	19,978	13,918	20,695
U. North Carolina, Chapel Hill	9	301,817	3,401	5,143	234,384	900	9,315	10,909	12,356	116	9,952	15,341
Texas A&M U., College Station and Health Science Center	10	291,325	6,608	14,899	103,887	2,662	19,761	2,253	8,645	2,895	117,645	12,070
U. California, San Diego	11	290,347	9,651	34,557	164,818	1,262	18,027	3,119	9,032	10,645	35,028	4,208
Michigan State U.	12	290,251	7,492	2,539	126,871	5,549	52,985	5,946	17,880	13,046	40,476	17,467
U. Maryland <sup>a</sup>	13	282,188	14,390	4,771	155,395	1,630	21,252	973	16,335	110	42,367	24,965
Indiana U., Bloomington	14	281,536	15,293	6,168	166,084	304	10,911	5,358	31,676	11,194	6,746	27,802
U. Pittsburgh, Pittsburgh	15	254,704	2,444	3,012	215,904	971	9,313	2,157	1,049	3,602	12,333	3,919
U. Florida	16	253,646	1,541	4,995	191,752	406	5,364	1,987	4,146	23	27,011	16,421
Arizona State U.	17	248,659	3,906	14,000	31,296	2,864	10,598	5,613	44,981	47,968	49,105	38,328
Northwestern U.	18	233,695	2,029	464	139,437	580	27,399	1,202	7,263	14,088	22,022	19,211
Cornell U.	19	232,628	4,981	1,179	147,536	430	17,141	3,354	9,242	0	27,896	20,869
Virginia Polytechnic Institute and State U.	20	231,204	14,029	1,119	80,966	2,923	9,061	2,303	6,720	56	107,280	6,747
U. Arizona	21	231,170	4,638	9,634	135,573	726	33,809	705	8,441	1,683	22,744	13,217
Emory U.	22	230,877	1,849	256	192,179	105	6,626	619	2,201	0	2,073	24,969
Rockefeller U.	23	230,148	9,058	121	216,345	1,149	3,475	0	0	0	0	0
Purdue U., West Lafayette	24	228,677	4,965	4,698	104,063	786	10,872	1,590	9,497	2,146	71,412	18,648
U. Iowa	25	225,307	805	632	168,159	210	3,769	1,717	3,267	2,285	23,013	21,450
New York U.	26	222,650	1,548	3	165,407	1,490	1,675	1,902	8,933	53	9,310	32,329
Baylor C. of Medicine	27	222,123	0	0	222,123	0	0	0	0	0	0	0
U. Georgia	28	220,201	2,542	10,026	100,985	5,030	6,280	8,628	13,446	5,818	9,464	57,982
U. Virginia, Charlottesville	29	212,843	3,445	1,373	144,085	180	5,953	2,554	7,316	607	21,583	25,747
Pennsylvania State U., University Park and Hershey Medical Center	30	211,889	9,879	14,386	61,129	3,180	29,882	11,282	10,502	0	60,920	10,729
U. Texas M. D. Anderson Cancer Center	31	209,905	0	0	189,107	3,282	6,323	8,253	2,940	0	0	0

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Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Utah	32	209,608	12,412 i	7,443 i	139,546 i	1,340 i	10,342 i	4,138 i	5,272 i	68 i	19,218 i	9,829 i
U. California, Davis	33	208,842	336	12,669	145,085	211	5,451	465	11,592	8,894	20,653	3,486
Vanderbilt U. and Vanderbilt U. Medical Center	34	197,502	0	738	112,982	655	12,084	7,506	3,360	0	38,478	21,699
U. Southern California	35	197,247	2,713	6,584	132,588	173	6,162	4,555	16,954	0	12,634	14,884
U. Illinois, Urbana-Champaign	36	186,309	19,537	464	80,657	1,434	15,611	3,796	2,575	10,459	39,471	12,305
U. California, Berkeley	37	181,355	2,118	2,603	54,955	636	16,527	4,141	27,619	16,981	36,204	19,571
Washington U., Saint Louis	38	172,213	347	325	156,650	43	3,799	768	433	1,199	2,279	6,370
Florida State U.	39	164,970	6,321	7,903	25,922	4,770	25,134	7,827	15,589	3,610	16,237	51,657
Boston U.	40	157,935	6,594	1,561	74,339	1,608	9,134	6,542	5,327	6,190	27,627	19,013
Johns Hopkins U. <sup>b</sup>	41	157,227	8,168 i	4,113 i	87,749 i	2,667 i	13,559 i	525 i	222 i	1,549 i	38,614 i	61 i
Duke U.	42	151,876	286	1,477	120,945	1,773	2,536	1,810	5,713	0	10,460	6,876
Ohio State U.	43	151,106	3,368	1,958	76,828	1,685	9,565	1,403	5,013	6,804	32,689	11,793
Dartmouth C. and Dartmouth Hitchcock Medical Center	44	150,097	9,444	3,704	48,714	4,477	12,033	3,981	18,825	2,225	7,479	39,215
U. Texas, Austin	45	147,947	8,261	21,653	31,365	5,652	18,079	1,305	4,646	2,486	28,989	25,511
U. Tennessee, Knoxville <sup>c</sup>	46	147,875	2,552	1,803	45,473	2,352	7,593	3,439	8,092	6,820	44,419	25,332
U. Cincinnati	47	144,949	973	748	96,893	656	3,775	550	3,206	383	24,180	13,585
U. Texas Southwestern Medical Center	48	137,027	0	0	137,027	0	0	0	0	0	0	0
U. Illinois, Chicago	49	135,744	2,828	395	98,411	1,674	4,621	1,134	4,677	4,440	11,786	5,778
Icahn School of Medicine at Mount Sinai	50	135,617	0	0	135,617	0	0	0	0	0	0	0
Scripps Research Institute	51	135,483	0	0	135,483	0	0	0	0	0	0	0
Stanford U.	52	132,235	549	3,543	95,473	308	5,467	3,015	5,070	27	12,376	6,407
North Carolina State U.	53	131,677	3,215	5,155	72,830	4,531	5,706	526	3,155	3,111	29,738	3,710
SUNY, U. Buffalo	54	131,323	7,411	1,102	83,158	430	3,548	1,540	3,927	1,147	25,984	3,076
Rutgers, State U. New Jersey, New Brunswick	55	130,582	1,086	4,896	89,251	2,409	8,341	2,657	3,288	2,344	7,918	8,392
U. Kentucky	56	130,570	1,624	1,074	92,521	160	1,209	516	1,259	11,630	14,883	5,694
Auburn U., Auburn	57	130,268	2,999	2,168	41,874	3,400	8,128	2,148	2,823	1,697	33,973	31,058
U. South Florida, Tampa	58	126,104	6,686	6,926	48,759	2,204	5,576	3,422	12,320	488	13,102	26,621
U. Nebraska, Lincoln	59	125,648	3,152	1,415	45,995	2,766	7,820	6,099	6,560	1,561	20,227	30,053
Iowa State U.	60	125,420	2,796	1,436	25,494	5,467	9,062	1,970	2,548	4,854	22,635	49,158
U. California, Irvine	61	123,966	5,116	1,623	69,537	1,217	6,279	3,366	6,460	535	17,277	12,556
U. Missouri, Columbia	62	123,624	208	22	78,570	176	1,051	1,100	1,626	1,534	33,961	5,376
Massachusetts Institute of Technology	63	119,003	18,484	4,209	13,911	1,303	15,033	20	3,112	2,153	53,470	7,308

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Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Kansas	64	116,482	1,200	4,583	75,781	12	775	6,268	1,615	0	2,541	23,707
U. Alabama, Birmingham	65	116,242	110	4	106,064	38	628	500	21	0	4,244	4,633
Carnegie Mellon U.	66	115,615	36,176	8	3,470	8,382	9,834	1,437	6,852	1,742	34,278	13,436
Texas Tech U.	67	114,278	3,196	3,501	26,843	2,864	8,796	7,928	7,486	0	19,373	34,291
U. Oklahoma, Norman and Health Science Center	68	111,660	1,535	13,836	57,419	1,562	6,001	570	7,913	0	13,391	9,433
Oklahoma State U., Stillwater	69	111,227	4,919	1,787	31,273	3,607	6,714	5,448	4,891	5,624	16,737	30,227
U. Washington, Seattle	70	111,141	3,405	7,347	58,445	199	3,296	658	2,596	0	12,882	22,313
Florida International U.	71	104,836	5,885	4,067	29,176	1,321	13,314	8,394	11,447	303	12,836	18,093
Washington State U.	72	104,722	3,988	1,950	58,290	142	7,964	1,619	4,360	19	12,707	13,683
Georgia State U.	73	101,059	1,730	341	26,827	791	4,998	3,349	15,715	0	0	47,308
U. South Carolina, Columbia	74	100,802	2,609	4,354	39,221	586	1,620	3,315	8,659	271	23,597	16,570
Louisiana State U., Baton Rouge	75	99,412	899	18,040	40,833	84	6,375	414	1,307	10,891	14,240	6,329
Syracuse U.	76	97,654	3,690	1,649	5,279	2,220	6,172	2,151	9,834	82	14,269	52,308
Clemson U.	77	94,600	2,178	0	24,567	1,013	3,909	177	2,047	0	25,110	35,599
Temple U.	78	93,385	3,133	944	59,071	2,187	6,810	3,500	4,438	462	3,228	9,612
SUNY, Stony Brook U.	79	87,367	1,892	9,321	44,809	2,293	8,750	1,001	1,802	9,049	6,197	2,253
U. Central Florida	80	86,095	6,217	1,446	12,318	2,236	9,910	3,286	6,406	889	18,835	24,552
SUNY, Binghamton U.	81	82,764	4,694	1,662	9,522	2,740	9,746	8,667	15,331	0	19,098	11,304
Uniformed Services U. of the Health Sciences	82	82,613	0	0	80,660	0	0	1,953	0	0	0	0
Medical C. Wisconsin	83	81,608	0	0	79,797	0	0	0	0	0	1,811	0
Wayne State U.	84	81,190	872	167	55,273	523	6,380	523	1,363	7,259	4,316	4,514
U. Notre Dame	85	80,244	5,448	0	7,692	1,760	14,210	1,290	3,018	3,834	33,275	9,717
U. Connecticut	86	79,292	1,392	1,633	44,109	671	9,381	5,767	2,089	1,361	9,868	3,021
Princeton U.	87	78,989	4,131	2,645	17,195	3,573	18,719	1,931	13,554	0	11,481	5,760
Columbia U. in the City of New York	88	78,278	454	5,494	51,833	289	2,438	358	3,650	0	2,693	11,069
Kansas State U.	89	76,929	1,614	658	37,154	2,527	3,464	1,148	4,740	5,374	12,721	7,529
U. Hawaii, Manoa	90	76,169	806	15,883	39,128	44	9,929	37	1,522	907	6,045	1,868
U. Miami	91	75,755	174	2,214	67,954	448	656	2,129	842	4	1,022	312
U. Massachusetts, Amherst	92	75,307	8,922	1,266	21,933	1,077	9,585	2,013	1,782	1,059	19,722	7,948
Virginia Commonwealth U.	93	75,230	497	28	57,896	160	687	694	641	0	9,753	4,874
U. Nevada, Reno	94	74,320	2,918	5,602	27,222	1,524	3,952	2,898	4,388	1,893	9,645	14,278
U. Houston	95	74,188	1,924	2,028	7,481	507	36,373	2,263	206	90	14,330	8,986

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U. Vermont	96	73,959	1,504	1,229	45,247	1,393	2,105	1,412	3,881	918	5,706	10,564
Medical U. South Carolina	97	73,804	0	0	73,804	0	0	0	0	0	0	0
Georgia Institute of Technology	98	71,373	16,370	188	4,237	383	1,287	21	3,216	0	28,109	17,562
U. Colorado Denver and Anschutz Medical Campus	99	71,012	4	6	70,343	4	4	76	26	1	186	362
West Virginia U.	100	70,620	219	2,493	41,032	110	3,743	447	1,938	737	16,176	3,725
U. Arkansas for Medical Sciences	101	69,885	0	0	69,885	0	0	0	0	0	0	0
U. Nevada, Las Vegas	102	69,282	718	2,304	18,820	2,332	5,229	3,483	5,812	379	6,434	23,771
George Washington U.	103	66,453	3,896	129	32,598	228	2,944	469	7,231	811	6,096	12,051
Georgetown U.	104	66,181	1,739	0	41,236	284	1,551	470	8,399	63	0	12,439
Albert Einstein C. of Medicine	105	65,723	0	0	65,723	0	0	0	0	0	0	0
U. Texas, San Antonio	106	65,229	5,305	1,004	6,438	1,168	3,710	1,438	6,474	556	10,825	28,311
North Dakota State U.	107	64,673	2,742	340	34,611	961	3,085	1,517	8,404	1,105	6,731	5,177
U. Louisville	108	64,507	38	11	48,587	408	1,082	1,021	710	706	5,900	6,044
SUNY, U. Albany	109	61,302	3,667	6,695	8,179	1,555	3,611	3,789	15,278	0	2,217	16,311
Colorado State U., Fort Collins	110	61,093	307	8,492	32,870	259	1,559	170	2,130	518	5,306	9,482
U. New Mexico	111	61,092	1,002	531	38,020	61	886	1,182	2,852	6,204	7,486	2,868
U. North Texas, Denton	112	61,069	3,205	938	8,065	1,406	5,838	3,261	7,302	0	7,160	23,894
Rice U.	113	59,140	2,132	2,069	4,302	2,956	10,007	1,342	7,914	81	26,008	2,329
George Mason U.	114	58,447	1,488	867	20,926	717	732	893	22,486	0	2,625	7,713
Brown U.	115	56,188	3,986	1,647	24,340	2,604	5,830	363	7,213	771	4,660	4,774
Mississippi State U.	116	55,647	1,008	1,786	29,143	238	1,921	173	7,651	2,599	9,335	1,793
U. California, Santa Barbara	117	54,929	2,129	9,635	5,574	150	10,164	440	4,167	378	15,410	6,882
Thomas Jefferson U.	118	53,798	0	0	53,774	0	0	2	0	0	22	0
New Jersey Institute of Technology	119	53,611	5,129	0	2,540	2,897	6,957	0	5,616	21	20,751	9,700
U. Texas, Arlington	120	52,902	2,492	437	8,447	163	6,089	1,158	42	0	17,321	16,753
Tulane U.	121	51,577	448	1,066	29,724	102	1,788	351	2,898	0	2,012	13,188
U. California, Riverside	122	51,440	1,032	4,009	35,794	325	737	144	1,970	970	3,257	3,202
U. Arkansas, Fayetteville	123	51,260	2,718	772	18,363	22	2,406	520	1,351	75	11,158	13,875
U. Maine	124	50,890	934	8,333	12,644	770	2,640	864	1,107	5,312	11,372	6,914
San Diego State U.	125	48,934	768	910	9,652	2,992	3,188	4,851	3,464	3,609	3,312	16,188
U. Delaware	126	48,912	891	3,429	22,746	252	3,559	1,112	4,311	297	11,477	838
Case Western Reserve U.	127	48,786	0	45	41,336	12	597	190	850	234	4,654	868

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California Institute of Technology	128	48,754	1,211	3,645	8,886	447	13,239	0	0	0	9,605	11,721
U. Rochester	129	46,412	519	347	39,775	6	2,137	903	40	600	1,945	140
U. Massachusetts, Medical School	130	45,329	0	0	45,329	0	0	0	0	0	0	0
Montana State U., Bozeman	131	45,253	297	2,177	16,405	1,246	5,143	207	786	1,755	7,890	9,347
U. Texas Health Science Center, San Antonio	132	45,061	0	0	45,061	0	0	0	0	0	0	0
U. Texas Medical Branch	133	44,544	0	0	43,857	0	0	0	0	0	687	0
Oregon Health and Science U.	134	44,413	0	0	43,042	0	0	0	0	0	1,371	0
U. Montana, Missoula	135	44,285	375	2,242	17,577	453	2,126	462	15,665	0	0	5,385
U. Texas Health Science Center, Houston	136	44,129	0	0	44,129	0	0	0	0	0	0	0
American U.	137	43,461	408	426	1,355	1,189	1,229	1,523	9,190	3,302	0	24,839
U. Nebraska, Medical Center	138	43,265	0	0	43,265	0	0	0	0	0	0	0
Northeastern U.	139	41,810	3,013	1,457	7,154	163	3,994	1,376	5,036	0	15,272	4,345
U. Alaska, Fairbanks	140	41,423	247	13,361	13,330	25	4,769	0	227	4,640	4,757	67
U. North Dakota	141	40,488	2,526	2,447	14,952	434	2,607	1,154	1,550	149	7,235	7,434
Augusta U.	142	40,408	33	0	40,194	0	0	33	73	0	0	75
U. Memphis	143	39,192	3,980	2,396	5,434	595	1,820	3,168	4,784	1,384	5,016	10,615
Drexel U.	144	38,742	1,126	0	25,212	83	620	514	876	1,349	6,709	2,253
U. New Hampshire	145	38,439	259	8,818	15,901	23	970	250	2,715	0	5,948	3,555
U. Texas, Dallas	146	36,906	2,361	441	9,091	334	4,716	125	476	0	12,058	7,304
U. Texas, El Paso	147	36,075	1,111	1,251	8,193	1,295	1,010	1,950	1,573	550	6,358	12,784
U. Massachusetts, Lowell	148	35,980	2,481	757	3,738	642	6,021	780	2,438	632	13,180	5,311
U. Colorado Boulder	149	35,695	179	1,120	3,914	20	4,221	380	1,770	243	17,094	6,754
Texas State U.	150	33,796	1,386	3,285	8,447	212	206	119	545	1,874	5,387	12,335
U. Chicago	151	32,978	565	323	20,092	234	3,593	638	3,690	0	2,352	1,491
Cold Spring Harbor Laboratory	152	32,295	0	0	32,295	0	0	0	0	0	0	0
Kent State U.	153	32,258	1,135	363	4,791	980	3,909	1,703	3,356	412	1,186	14,423
U. Louisiana, Lafayette	154	32,175	2,756	1,247	6,795	1,638	2,486	236	97	99	9,194	7,627
U. Alabama, Tuscaloosa	155	32,141	1,933	1,499	3,973	29	1,488	1,540	1,783	0	6,160	13,736
Michigan Technological U.	156	31,849	1,856	3,545	2,139	1,871	2,573	397	806	494	15,232	2,936
U. California, Santa Cruz	157	31,824	472	5,070	4,487	57	11,690	123	2,412	337	5,609	1,567
Rensselaer Polytechnic Institute	158	28,841	1,908	923	1,208	301	5,647	288	254	0	16,240	2,072
Van Andel Research Institute	159	28,709	0	0	28,709	0	0	0	0	0	0	0

TABLE 27

**Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2020**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. California, Office of the President	160	28,666	1,485	0	14,716	0	8,123	0	0	4,342	0	0
Ohio U.	161	28,659	97	553	8,535	12	1,786	602	699	0	7,489	8,886
U. Mississippi	162	28,635	106	503	16,934	160	3,444	588	1,395	0	1,162	4,343
East Carolina U.	163	28,538	519	3,456	13,086	39	875	471	1,025	0	2,397	6,670
Indiana U.-Purdue U., Indianapolis	164	28,006	1,507	445	6,630	83	894	441	6,403	3,499	2,054	6,050
U. Texas Rio Grande Valley	165	27,680	1,268	965	8,615	1,749	1,860	872	3,570	40	1,803	6,938
U. Oregon	166	27,587	1,248	1,613	4,739	24	3,206	1,276	6,472	0	0	9,009
U. Rhode Island	167	26,749	11	13,524	3,266	0	179	367	407	3,342	1,601	4,052
U. Tennessee, Health Science Center	168	26,628	0	0	26,295	0	0	0	0	333	0	0
Oregon State U.	169	25,759	752	2,312	17,646	31	49	22	702	303	3,885	57
U. West Florida	170	25,667	1,402	518	1,362	294	148	29	3,369	0	18	18,527
William & Mary	171	25,542	812	17,883	624	89	721	52	1,849	0	0	3,512
U. Massachusetts, Boston	172	25,435	714	1,798	3,433	435	965	1,408	6,495	453	500	9,234
U. South Alabama	173	24,879	141	1,264	22,401	0	56	87	165	0	754	11
Utah State U.	174	24,719	601	222	10,387	387	1,594	1,567	493	461	6,815	2,192
U. Wyoming	175	24,503	0	1,342	11,904	17	27	0	51	981	10,181	0
Wake Forest U.	176	24,365	165	0	20,602	395	663	239	303	0	491	1,507
Tufts U.	177	23,231	0	57	7,567	195	8,934	177	2,439	358	1,854	1,650
U. Alabama, Huntsville	178	22,569	1,301	2,248	2,301	724	3,584	218	268	0	7,507	4,418
Baylor U.	179	21,821	495	1,174	2,683	649	4,028	1,094	895	2,952	2,620	5,231
Saint Louis U.	180	21,359	258	164	19,140	2	500	29	110	0	435	721
Illinois State U.	181	21,288	42	214	581	57	32	15	892	0	0	19,455
Southern Illinois U., Carbondale	182	21,176	293	249	17,599	273	467	90	839	470	896	0
Southern Methodist U.	183	20,640	278	1,351	1,049	325	796	281	170	1,236	3,131	12,023
U. Idaho	184	19,536	227	919	12,386	84	295	33	686	803	3,506	597
U. Toledo	185	18,793	0	2,201	10,518	10	2,017	212	51	0	2,887	897
U. North Carolina, Charlotte	186	18,128	1,624	275	1,511	200	715	364	1,701	0	8,699	3,039
Villanova U.	187	17,542	347	345	2,680	58	1,877	690	346	0	6,888	4,311
U. Massachusetts, Dartmouth	188	16,761	1,038	5,331	1,196	455	1,671	90	372	0	5,538	1,070
Woods Hole Oceanographic Institution	189	16,741	0	14,364	0	0	0	0	0	0	2,377	0
Cleveland State U.	190	16,601	0	0	2,173	547	826	507	4,681	0	2,459	5,408
Missouri U. of Science and Technology	191	16,536	1,302	0	826	1	1,287	30	29	184	12,701	176

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. California, Merced	192	16,274	78	724	4,656	502	2,034	623	1,768	302	3,749	1,838
Rochester Institute of Technology	193	15,970	2,502	0	281	472	2,791	10	717	0	5,600	3,597
Northern Illinois U.	194	15,823	329	158	901	21	1,761	305	4,719	0	971	6,658
Northern Arizona U.	195	15,645	1,280	946	9,660	0	2,108	131	98	208	370	844
Marquette U.	196	15,058	454	0	4,202	364	758	878	900	0	2,432	5,070
Florida Atlantic U.	197	14,711	938	469	6,630	509	1,123	1,042	33	0	2,118	1,849
Kennesaw State U.	198	14,582	3,079	0	4,602	103	456	7	2,025	288	1,315	2,707
Louisiana Tech U.	199	14,576	935	84	1,675	518	1,060	478	294	0	4,834	4,698
Old Dominion U.	200	14,436	1,032	610	3,626	209	1,471	149	926	0	3,869	2,544
SUNY, Polytechnic Institute	201	14,251	0	0	248	0	0	0	0	0	14,003	0
Fordham U.	202	14,154	105	0	228	107	422	172	898	0	0	12,222
U. South Dakota	203	13,893	134	5	6,685	160	1,439	603	475	0	466	3,926
New Mexico State U.	204	13,809	579	504	5,240	32	3,785	47	90	72	3,173	287
U. Wisconsin-Milwaukee	205	13,648	21	2,152	1,861	293	1,485	403	1,151	1,265	2,325	2,692
Southern Illinois U., Edwardsville	206	13,531	112	1,486	6,065	605	675	0	212	372	1,031	2,973
U. Maryland, Baltimore County	207	13,493	2,777	2,138	1,425	242	666	251	865	1,018	1,518	2,593
Boston C.	208	13,420	188	1,879	2,130	96	1,471	788	3,228	0	0	3,640
San Francisco State U.	209	13,222	568	2,328	3,209	582	1,520	837	1,935	113	745	1,385
Boise State U.	210	12,867	540	749	2,538	222	1,016	8	1,009	341	3,938	2,506
North Carolina Agricultural and Technical State U.	211	12,766	104	5	9,579	70	419	5	6	0	1,486	1,092
Air Force Institute of Technology	212	12,612	785	252	0	161	2,814	0	0	0	8,600	0
Long Island U.	213	12,135	0	330	4,864	457	728	1,134	845	0	0	3,777
U. Minnesota, Duluth	214	11,746	109	710	8,591	44	293	25	57	0	1,541	376
Chapman U.	215	11,717	665	6	1,209	1	94	0	67	0	1	9,674
U. Southern Mississippi	216	11,194	30	2,931	1,086	0	997	0	292	0	3,960	1,898
Miami U.	217	10,959	420	453	5,181	123	919	366	110	0	2,693	694
Howard U.	218	10,860	819	0	7,623	24	714	277	140	0	1,063	200
Nova Southeastern U.	219	10,764	21	3,043	7,038	0	0	167	0	0	0	495
Montclair State U.	220	10,659	418	310	1,395	327	326	1,882	2,075	0	14	3,912
Delaware State U.	221	10,647	1	469	5,552	372	2,645	1	1	337	1,012	257
Brandeis U.	222	10,612	0	0	0	0	1,154	0	6,056	158	0	3,244
Bowling Green State U.	223	10,378	207	431	881	386	936	1,019	1,268	0	121	5,129



TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Missouri, Kansas City	224	10,283	1,193	157	4,726	8	511	603	481	563	1,124	917
Naval Postgraduate School	225	10,059	2,598	266	0	624	513	0	1,309	631	2,652	1,466
Texas Christian U.	226	10,010	25	49	57	0	104	28	163	9,462	0	122
Wichita State U.	227	10,004	0	33	200	33	172	156	14	0	5,437	3,959
California Polytechnic State U., San Luis Obispo	228	9,932	35	57	2,093	384	3,160	39	123	0	1,710	2,331
Louisiana State U., Health Sciences Center, Shreveport	229	9,902	0	0	9,902	0	0	0	0	0	0	0
Bryn Mawr C.	230	9,742	438	260	597	444	1,031	295	1,484	0	0	5,193
Duquesne U.	231	9,566	0	264	5,626	112	1,622	189	1	0	214	1,538
U. Maryland Center for Environmental Science	232	9,503	0	9,503	0	0	0	0	0	0	0	0
SUNY, Upstate Medical U.	233	9,460	0	0	9,460	0	0	0	0	0	0	0
U. New Orleans	234	9,355	894	307	807	353	1,010	459	1,215	397	1,561	2,352
Mercer U.	235	9,247	121	0	5,717	224	2,038	258	59	140	545	145
Worcester Polytechnic Institute	236	9,165	1,495	0	746	595	708	0	147	0	5,199	275
CUNY, City C.	237	8,968	254	121	1,456	54	1,715	114	6	0	4,819	429
U. Puerto Rico, Mayaguez	238	8,960	0	1,290	378	0	244	0	49	0	6,383	616
CUNY, Hunter C.	239	8,847	195	367	2,942	53	629	2,006	1,480	0	0	1,175
Texas Tech U., Health Sciences Center	240	8,839	0	0	8,705	0	0	0	0	0	0	134
Midwestern U.	241	8,776	0	0	8,776	0	0	0	0	0	0	0
Rush U.	242	8,712	0	0	8,712	0	0	0	0	0	0	0
Central Michigan U.	243	8,581	104	500	3,638	65	401	126	15	1,815	645	1,272
U. Puerto Rico, Rio Piedras	244	8,387	132	616	640	21	892	0	872	527	71	4,616
Lehigh U.	245	8,181	810	251	267	13	955	156	73	30	5,262	364
Marshall U.	246	8,169	33	57	4,169	1	835	0	5	0	475	2,594
U. South Florida, Saint Petersburg	247	8,119	0	0	719	0	0	506	3	0	0	6,891
Loyola U., Chicago	248	7,961	21	116	7,063	17	152	139	151	0	0	302
U.S. Air Force Academy	249	7,841	0	0	0	0	0	0	0	0	0	7,841
Wright State U.	250	7,833	984	64	4,486	73	351	156	0	252	1,356	111
William Paterson U.	251	7,575	124	144	1,107	185	252	874	1,083	0	0	3,806
Tarleton State U.	252	7,526	354	898	2,406	124	236	294	620	247	156	2,191
Stevens Institute of Technology	253	7,443	22	40	67	0	13	0	0	0	7,065	236
Sam Houston State U.	254	7,379	18	72	1,024	19	39	388	1,549	53	16	4,201
Western Michigan U. and Homer Stryker M.D. School of Medicine	255	7,351	14	354	4,076	21	391	79	27	1	1,493	895



TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. North Texas, Health Science Center	256	7,265	0	0	6,973	0	0	0	292	0	0	0
U. North Florida	257	7,209	87	2	1,041	70	267	96	449	0	1,407	3,790
U. Denver	258	7,145	0	23	1,221	3	1,352	1,491	82	0	660	2,313
Western Washington U.	259	6,980	44	2,537	578	130	208	322	505	0	398	2,258
Creighton U.	260	6,845	179	122	4,933	52	352	77	432	0	0	698
Azusa Pacific U.	261	6,704	34	0	1,886	64	191	860	179	0	31	3,459
Edward Via C. of Osteopathic Medicine	262	6,443	0	0	6,443	0	0	0	0	0	0	0
Brigham Young U., Provo	263	6,386	111	82	2,774	14	127	23	139	0	1,469	1,647
James Madison U.	264	6,365	283	150	895	46	505	1,303	0	0	102	3,081
U. Akron	265	6,355	1	60	674	13	2,419	84	20	1	2,443	640
SUNY, C. of Environmental Science and Forestry	266	6,258	51	180	5,521	0	76	40	42	8	262	78
U. Puerto Rico, Medical Sciences Campus	267	6,251	0	0	6,251	0	0	0	0	0	0	0
Oakland U.	268	6,215	193	0	2,871	0	2,738	0	19	0	392	2
Tennessee State U.	269	6,141	9	0	5,697	7	196	2	0	0	230	0
U. North Carolina, Greensboro	270	6,039	83	0	1,680	38	644	614	268	0	0	2,712
Eastern Michigan U.	271	5,950	376	154	1,106	154	506	139	887	8	273	2,347
Rutgers, State U. New Jersey, Newark	272	5,902	0	93	1,770	0	411	445	659	56	0	2,468
Louisiana State U., Health Sciences Center, New Orleans	273	5,881	0	0	5,881	0	0	0	0	0	0	0
U. Missouri, Saint Louis	274	5,875	825	0	2,737	29	659	92	646	9	0	878
Ball State U.	275	5,703	430	3	1,116	5	505	150	1,202	0	0	2,292
U. Texas Health Science Center, Tyler	276	5,581	0	0	5,581	0	0	0	0	0	0	0
California State U., Sacramento	277	5,520	73	33	515	80	87	207	1,777	100	836	1,812
Morehouse School of Medicine	278	5,504	0	0	5,504	0	0	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	279	5,486	95	0	5,046	0	0	202	0	0	123	20
California State U., East Bay	280	5,434	268	301	809	896	395	371	506	0	62	1,826
U. San Diego	281	5,418	0	7	112	84	375	84	177	68	566	3,945
SUNY, Downstate Medical Center	282	5,396	0	0	5,396	0	0	0	0	0	0	0
Langston U.	283	5,374	0	0	5,343	0	0	0	0	0	0	31
Clark U.	284	5,338	13	383	440	0	867	527	2,686	47	0	375
West Chester U. Pennsylvania	285	5,277	7	65	558	108	295	107	843	0	0	3,294
Texas Tech U., Health Sciences Center, El Paso	286	5,211	0	0	5,142	0	0	0	0	0	0	69
U. Tennessee, Chattanooga	287	5,073	31	0	72	24	4	11	6	2,987	200	1,738

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Georgia Southern U.	288	5,068	49	595	652	34	954	27	101	0	913	1,743
Florida A&M U.	289	4,997	0	377	2,491	0	44	0	0	0	226	1,859
Texas A&M U.-Corpus Christi	290	4,691	17	1,395	833	21	94	0	9	345	280	1,697
Portland State U.	291	4,680	36	217	981	43	236	42	472	446	561	1,646
Indiana U. Pennsylvania	292	4,647	331	54	343	26	40	517	742	0	0	2,594
Loyola Marymount U.	293	4,593	24	419	225	66	86	216	1,005	0	80	2,472
Claremont McKenna C.	294	4,512	0	0	0	0	0	3	4,106	29	0	374
Rosalind Franklin U. of Medicine and Science	295	4,474	0	0	4,472	0	0	2	0	0	0	0
Clarkson U.	296	4,425	77	20	346	165	655	86	48	0	2,531	497
Desert Research Institute	297	4,345	0	3,725	620	0	0	0	0	0	0	0
Grinnell C.	298	4,328	275	0	449	331	299	171	661	0	0	2,142
Prairie View A&M U.	299	4,309	0	0	1,568	0	767	0	0	0	1,733	241
Colorado School of Mines	300	4,255	15	553	0	12	393	0	30	0	3,243	9
Western Kentucky U.	301	4,250	13	585	1,074	16	665	490	87	0	393	927
San Jose State U.	302	4,100	0	1,169	252	0	297	414	110	2	337	1,519
Roseman U. of Health Sciences	303	4,099	0	0	4,099	0	0	0	0	0	0	0
Middle Tennessee State U.	304	4,098	29	39	611	35	184	0	749	0	106	2,345
Albany Medical C.	305	4,069	0	0	4,069	0	0	0	0	0	0	0
Des Moines U.	306	4,068	0	196	3,138	0	0	0	389	0	0	345
U. Alaska, Anchorage	307	4,030	15	636	1,165	0	30	0	737	1,010	239	198
U. Michigan, Dearborn	308	3,984	11	0	64	40	100	40	110	0	3,003	616
Rowan U.	309	3,737	28	22	842	0	41	20	50	0	2,620	114
Texas A&M U.-Kingsville	310	3,711	0	393	2,489	0	9	1	0	45	300	474
Northeast Ohio Medical U.	311	3,655	0	0	3,560	0	0	0	3	91	0	1
Southern Connecticut State U.	312	3,649	6	108	995	35	178	194	482	0	0	1,651
U. Central Oklahoma	313	3,646	0	0	65	28	38	0	0	0	0	3,515
Idaho State U.	314	3,535	131	151	1,115	0	379	37	8	406	1,232	76
New School	315	3,503	0	91	4	0	0	554	1,235	144	171	1,304
Grand Valley State U.	316	3,475	9	2,087	388	34	11	26	350	6	236	328
Claremont Graduate U.	317	3,440	0	0	0	0	0	33	2,272	0	0	1,135
Loma Linda U.	318	3,382	0	0	3,382	0	0	0	0	0	0	0

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	319	3,362	0	0	3,362	0	0	0	0	0	0	0
Salisbury U.	320	3,359	159	244	844	113	191	18	139	0	0	1,651
Charles R. Drew U. of Medicine and Science	321	3,202	0	0	3,202	0	0	0	0	0	0	0
Florida Institute of Technology	322	3,191	230	356	217	112	574	686	0	33	630	353
South Dakota State U.	323	3,143	0	17	2,391	8	128	11	71	0	480	37
Wesleyan U.	324	3,137	0	268	478	139	712	179	254	0	0	1,107
U. Nebraska, Omaha	325	3,116	263	8	332	7	15	22	896	15	310	1,248
U. Tulsa	326	3,104	450	100	232	4	207	311	96	0	1,546	158
Bucknell U.	327	3,023	i 138	i 56	i 284	i 153	i 228	i 87	i 91	i 182	i 861	i 943
Clark Atlanta U.	328	3,016	7	0	2,542	0	227	0	0	0	158	82
CUNY, John Jay C. of Criminal Justice	329	2,968	2	0	36	0	102	422	51	2	0	2,353
Humboldt State U.	330	2,964	13	313	1,509	10	65	0	123	0	864	67
U. Oklahoma, Tulsa	331	2,936	0	0	1,974	0	0	0	87	0	149	726
Reed C.	332	2,897	7	0	363	72	716	254	220	0	0	1,265
Tennessee Technological U.	333	2,858	420	15	832	59	264	174	15	0	740	339
Tuskegee U.	334	2,706	0	0	1,251	0	0	0	118	0	1,337	0
Appalachian State U.	335	2,568	27	42	1,022	27	230	251	370	0	0	599
U. North Carolina, Wilmington	336	2,433	80	364	912	27	17	4	214	447	60	308
East Tennessee State U.	337	2,416	3	i 0	i 1,753	i 26	i 76	i 478	i 15	i 0	i 11	i 54
Philadelphia C. of Osteopathic Medicine	338	2,415	0	0	2,415	0	0	0	0	0	0	0
Gallaudet U.	339	2,414	110	1	856	3	5	851	7	0	0	581
U. Arkansas, Pine Bluff	340	2,309	0	0	1,618	0	115	0	0	572	0	4
California State U., Bakersfield	341	2,306	0	17	171	722	25	132	181	0	149	909
CUNY, Queens C.	342	2,304	35	220	966	33	398	73	234	0	0	345
Eastern Virginia Medical School	343	2,280	0	0	2,280	0	0	0	0	0	0	0
Swarthmore C.	344	2,278	8	0	320	30	309	53	169	71	367	951
Texas A&M U.-Commerce	345	2,252	29	0	324	22	158	210	95	0	24	1,390
Amherst C.	346	2,230	25	104	326	115	206	51	488	0	0	915
U. Dayton	347	2,195	99	7	30	4	18	24	38	0	1,631	344
U.S. Military Academy	348	2,184	0	0	0	0	0	108	0	2,076	0	0
Alcorn State U.	349	2,110	0	0	1,166	0	0	0	937	0	7	0

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. South Florida, Sarasota-Manatee	350	2,096	0	0	162	0	5	158	203	0	0	1,568
California State U., San Bernardino	351	2,093	71	1	64	99	121	335	65	13	324	1,000
Virginia State U.	352	2,061	0	0	1,214	0	0	0	0	0	847	0
Carleton C.	353	2,052	78	186	252	155	371	0	384	0	0	626
Pacific U.	354	1,961	0	0	1,394	32	87	2	6	200	0	240
California State U., Fresno	355	1,949	14	10	938	85	227	0	170	0	245	260
U. of the District of Columbia	356	1,922	0	0	1,922	0	0	0	0	0	0	0
Touro U.	357	1,876	0	0	1,876	0	0	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	358	1,871	0	0	1,871	0	0	0	0	0	0	0
Elon U.	359	1,828	36	0	299	0	83	65	252	0	15	1,078
California State U., Los Angeles	360	1,817	10	0	417	0	949	23	258	0	56	104
U. Arkansas, Little Rock	361	1,812	300	0	667	0	216	0	8	0	459	162
Colgate U.	362	1,768	23	147	326	25	324	74	229	0	0	620
Montana Technological U.	363	1,757	0	921	86	0	26	0	0	0	724	0
Franklin and Marshall C.	364	1,747	6	54	48	30	126	42	149	2	0	1,290
Illinois Institute of Technology	365	1,739	188	42	201	7	113	0	12	0	1,160	16
C. Charleston	366	1,727	31	162	195	71	120	42	88	226	0	792
U. New England	367	1,698	0	242	1,411	0	26	6	9	0	0	4
Williams C.	368	1,663	23	42	126	76	429	37	336	0	0	594
Eastern Connecticut State U.	369	1,621	86	100	204	79	0	141	2	267	0	742
New York Institute of Technology	370	1,592	12	0	1,565	0	0	0	0	0	15	0
South Dakota School of Mines and Technology	371	1,574	0	0	0	0	10	0	0	0	1,564	0
Pomona C.	372	1,564	0	159	136	47	346	213	384	6	0	273
U. Guam	373	1,555	0	88	1,467	0	0	0	0	0	0	0
Purdue U., Northwest	374	1,549	30	0	342	0	26	12	3	40	480	616
Lewis and Clark C.	375	1,527	1	14	27	46	48	10	12	0	0	1,369
California State U., Northridge	376	1,515	0	126	352	20	559	0	95	101	60	202
Toyota Technological Institute, Chicago	377	1,513	1,513	0	0	0	0	0	0	0	0	0
Hope C.	378	1,492	8	11	95	10	416	59	332	0	12	549
CUNY, Brooklyn C.	379	1,489	22	226	500	0	209	207	76	0	0	249
Catholic U. of America	380	1,429	0	0	225	0	394	110	91	0	341	268
Yeshiva U.	381	1,407	0	0	1,407	0	0	0	0	0	0	0

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Smith C.	382	1,401	63	21	408	55	50	62	131	5	144	462
U. San Francisco	383	1,372	60	39	234	9	65	39	196	12	6	712
St. Cloud State U.	384	1,358	22	30	163	0	11	8	58	7	23	1,036
West Texas A&M U.	385	1,327	28	81	749	1	9	0	0	0	306	153
CUNY, Advanced Science Research Center	386	1,308	0	48	354	0	580	0	0	0	314	12
Trinity U.	387	1,280	35	33	161	16	355	118	120	0	39	403
Pennsylvania State U., Harrisburg	388	1,277	127	0	0	0	0	0	1,150	0	0	0
Hamilton C.	389	1,270	89	9	55	18	205	97	248	0	0	549
U. Northern Colorado	390	1,267	0	49	411	58	67	33	146	0	0	503
California State U., Long Beach	391	1,235	7	16	402	12	94	41	51	88	270	254
Jackson State U.	392	1,226	68	0	281	6	588	0	37	70	176	0
Fayetteville State U.	393	1,185	0	0	654	0	0	0	0	0	0	531
Towson U.	393	1,185	90	0	403	124	266	19	85	0	0	198
Embry-Riddle Aeronautical U.	395	1,183	120	235	0	31	32	0	32	0	632	101
Haverford C.	396	1,168	40	83	532	40	210	52	211	0	0	0
California State U., Fullerton	397	1,163	46	39	323	11	127	40	46	116	63	352
U. Hawaii, Hilo	398	1,160	0	22	707	252	1	0	27	143	0	8
Central State U.	399	1,149	0	1	1,146	0	0	0	0	2	0	0
Rutgers, State U. New Jersey, Camden	400	1,136	0	0	225	10	354	56	258	0	0	233
Saint John's U., Collegeville	401	1,130	25	10	133	16	132	23	192	0	0	599
Pace U.	402	1,103	13	0	390	6	130	13	181	0	52	318
U. Ana G. Mendez, Gurabo	402	1,103	0	0	223	0	337	0	0	0	519	24
Furman U.	404	1,099	45	12	475	0	533	0	22	0	0	12
Saint Joseph's U.	405	1,084	18	0	270	6	152	150	50	0	0	438
Grambling State U.	406	1,080	0	0	0	0	180	0	0	0	0	900
Connecticut C.	407	1,071	165	0	183	0	237	138	348	0	0	0
Minnesota State U., Mankato	407	1,071	0	0	120	0	49	0	106	72	351	373
Texas Woman's U.	409	1,058	0	0	632	20	23	140	165	38	0	40
U. Central Arkansas	410	1,054	42	11	191	6	92	41	38	0	0	633
U. Washington, Bothell	411	1,045	0	0	0	0	0	0	0	0	0	1,045
U. Wisconsin-Stevens Point	412	1,044	0	60	917	0	10	0	1	0	5	51
U. of the Sciences Philadelphia	413	1,042	0	0	910	0	132	0	0	0	0	0

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
C. of Saint Benedict	414	1,026	28	11	149	17	147	27	65	0	0	582
Suffolk U.	415	1,010	0	0	0	0	0	0	0	0	0	1,010
Stockton U.	416	1,008	6	153	110	13	43	1	103	0	0	579
Babson C.	417	1,007	0	0	0	0	0	0	0	0	0	1,007
Murray State U.	417	1,007	0	115	854	0	29	1	0	0	0	8
U. Illinois, Springfield	419	996	0	0	3	0	2	2	815	0	0	174
U. Nebraska, Kearney	420	961	6	4	662	8	123	11	43	0	0	104
SUNY, Oswego	421	945	32	30	65	0	114	13	47	516	94	34
Harvey Mudd C.	422	926	99	0	60	40	209	0	0	96	361	61
DePaul U.	423	925	80	15	94	0	69	269	16	0	0	382
St. Edward's U.	423	925	450	10	35	45	25	10	30	0	0	320
Colorado C.	425	917	0	44	136	23	57	115	145	0	0	397
Southeastern Louisiana U.	426	913	9	0	260	0	75	0	2	0	1	566
Austin Peay State U.	427	908	0	2	418	3	0	2	2	22	0	459
Christopher Newport U.	428	903	0	0	336	7	72	13	135	0	0	340
Kean U.	429	885	69	100	151	0	0	0	44	0	0	521
West Virginia School of Osteopathic Medicine	430	884	0	0	881	0	0	0	0	0	0	3
Xavier U. Louisiana	431	879	0	0	879	0	0	0	0	0	0	0
Northern Michigan U.	432	876	0	2	525	0	33	21	56	0	0	239
Albion C.	433	860	1	84	96	31	150	45	176	11	0	266
U. North Georgia	434	858	0	0	0	0	91	0	0	0	0	767
Northern Kentucky U.	435	854	13	0	277	10	204	160	94	0	0	96
U. Central del Caribe	436	846	0	0	846	0	0	0	0	0	0	0
Kettering U.	437	832	22	0	40	2	279	0	0	0	334	155
Albany C. of Pharmacy and Health Sciences	438	822	0	0	822	0	0	0	0	0	0	0
La Salle U.	439	804	45	0	0	0	0	2	38	0	0	719
U. of St. Thomas (MN)	440	801	0	5	80	1	114	0	8	0	276	317
Macalester C.	441	794	140	103	79	0	140	41	169	0	0	122
St. John's U., New York	442	789	9	0	503	0	80	63	0	0	0	134
Texas Southern U.	442	789	11	13	338	0	51	0	0	0	11	365
Dillard U.	444	771	0	0	582	0	0	0	189	0	0	0
Willamette U.	445	768	0	0	106	10	90	5	3	72	0	482

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Arkansas State U., Jonesboro	446	746	12	0	540	2	19	16	60	26	68	3
Purdue U., Fort Wayne	447	713	0	0	168	18	2	64	16	31	91	323
Bowdoin C.	448	707	12	109	327	2	54	4	59	0	0	140
C. Wooster	449	703	96	38	176	49	93	38	18	0	0	195
Stephen F. Austin State U.	449	703	0	0	98	1	5	2	119	0	1	477
U. Northern Iowa	451	702	0	142	56	1	64	0	435	0	0	4
Keck Graduate Institute	452	687	i 19	i 0	i 510	i 5	i 0	i 0	i 0	i 0	i 80	i 73
Marshall B. Ketchum U.	453	685	i 0	i 0	i 685	i 0	i 0	i 0	i 0	i 0	i 0	i 0
California State U., Monterey Bay	454	683	19	153	431	67	0	0	0	0	0	13
SUNY, Geneseo	455	675	0	135	61	6	159	106	97	0	0	111
Missouri State U.	456	665	5	23	311	0	38	0	94	0	161	33
Alfred U.	457	662	0	0	0	0	0	0	0	0	662	0
St. Olaf C.	458	652	35	38	208	28	83	34	105	0	0	121
Texas A&M International U.	459	647	0	16	86	1	4	7	23	276	14	220
U. Minnesota, Morris	459	647	25	51	47	5	48	0	8	0	0	463
U. Puerto Rico, Cayey	461	639	0	0	488	0	18	0	58	75	0	0
U. Texas, Tyler	462	631	24	0	339	2	0	96	6	0	96	68
Pepperdine U.	463	623	0	0	89	32	56	47	90	0	0	309
U. Richmond	464	613	0	19	117	19	50	49	17	0	0	342
California State U., Dominguez Hills	465	600	67	13	63	31	163	32	49	0	0	182
U. of Mary Washington	466	594	10	28	45	8	8	20	23	0	0	452
Mercyhurst U.	467	592	i 16	i 10	i 426	i 5	i 30	i 6	i 37	i 1	i 0	i 61
U. Michigan, Flint	468	588	11	0	86	0	29	0	14	0	14	434
SUNY, C. Brockport	469	574	3	86	433	5	15	0	27	0	0	5
U. Hartford	470	568	0	0	0	0	0	0	0	0	383	185
U. Nebraska, central administration	470	568	0	0	568	0	0	0	0	0	0	0
Andrews U.	472	565	0	9	15	3	0	0	520	0	4	14
U. Wisconsin-Superior	473	563	0	0	333	0	0	0	230	0	0	0
U. Texas of the Permian Basin	474	562	0	0	7	0	22	1	0	36	0	496
Oregon Institute of Technology	475	561	6 i	36 i	238 i	11 i	0 i	17 i	0 i	0 i	68 i	185 i
Youngstown State U.	476	560	6	0	79	5	3	0	0	0	461	6
U. of Health Sciences and Pharmacy in St. Louis	477	547	0	0	547	0	0	0	0	0	0	0



TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
La Sierra U.	478	531	0	0	95	0	1	78	0	0	0	357
Franklin W. Olin C. of Engineering	479	530	0	0	0	0	0	0	0	0	113	417
SUNY, C. of Optometry	480	524	0	0	524	0	0	0	0	0	0	0
U. Detroit Mercy	480	524	20	0	326	139	5	10	0	0	19	5
Lafayette C.	482	522	16	8	40	13	69	38	74	0	88	176
Liberty U.	483	513	0	0	101	2	0	15	5	0	63	327
California State Polytechnic U., Pomona	484	509	0	12	172	36	0	0	0	0	258	31
Manhattan C.	485	503	0	0	56	0	0	0	64	0	205	178
CUNY, Lehman C.	486	500	245	2	38	0	92	0	12	0	0	111
Palmer C. of Chiropractic, Davenport	486	500	0	0	500	0	0	0	0	0	0	0
California State U., Chico	488	491	0	0	305	5	22	9	11	0	109	30
U. Colorado Colorado Springs	489	486	12	23	39	0	62	0	24	82	63	181
CUNY, C. Staten Island	490	483	1	0	283	24	70	45	0	0	29	31
Union C., Schenectady	490	483	3	20	22	14	33	0	92	0	100	199
Florida Polytechnic U.	492	479	112	0	0	0	18	0	0	0	329	20
Western Carolina U.	492	479	0	30	203	3	63	0	53	0	71	56
Spelman C.	494	477	0	0	0	0	0	0	0	0	0	477
Barnard C.	495	467	8	15	117	5	42	51	125	0	0	104
Alabama A&M U.	496	448	9 i	0 i	265 i	4 i	22 i	7 i	22 i	0 i	76 i	43 i
Skidmore C.	497	441	6	23	138	12	95	45	26	0	0	96
Southern U. and A&M C., Baton Rouge	497	441	0	0	2	0	209	0	1	0	41	188
U. North Carolina, Asheville	499	435	0	8	139	0	48	0	0	0	0	240
CUNY, Baruch C.	500	434	0	6	82	1	1	10	193	0	0	141
U. Wisconsin-La Crosse	500	434	5	14	190	14	19	3	82	1	0	106
Rhode Island School of Design	502	426 i	14 i	0 i	176 i	0 i	0 i	0 i	70 i	0 i	0 i	166 i
Davidson C.	503	413	0	0	122	68	85	62	33	0	0	43
Central Connecticut State U.	504	407	21	6	45	17	22	8	65	0	23	200
Saginaw Valley State U.	505	398	3	36	111	1	4	11	40	2	165	25
Colby C.	506	388	0	12	105	11	68	1	79	0	0	112
Hobart and William Smith Colleges	507	384	0	9	283	0	7	7	13	0	0	65
U. New Haven	508	363	0	26	8	4	9	0	183	0	103	30
Oberlin C.	509	360	64	42	43	4	142	0	30	0	0	35

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
California Lutheran U.	510	359	14	0	172	16	53	24	16	0	0	64
SUNY, C. Plattsburgh	511	353	0	287	36	0	16	0	1	0	0	13
Trinity C., Hartford	511	353	4	0	72	16	27	0	91	0	36	107
Niagara U.	513	352	0	0	57	9	48	0	1	23	0	214
New Mexico Institute of Mining and Technology	514	345	13	32	0	0	0	0	0	0	300	0
California State U., Channel Islands	515	339	0	0	201	10	8	0	45	17	0	58
Central Washington U.	516	336	5	130	47	6	38	0	35	0	21	54
Morgan State U.	516	336	1	0	78	0	18	1	9	0	183	46
National U. of Natural Medicine	518	333	0	0	333	0	0	0	0	0	0	0
Dickinson C.	519	325	0	8	70	9	7	0	70	0	0	161
Meharry Medical C.	520	315	0	0	315	0	0	0	0	0	0	0
Eastern Kentucky U.	521	309	0	3	185	0	34	4	12	0	6	65
Wheaton C., Wheaton	521	309	9	11	41	11	84	59	70	0	0	24
Vassar C.	523	306	38	0	112	0	73	25	43	0	0	15
Roger Williams U.	524	301	0	219	23	17	3	5	2	0	5	27
Biola U.	525	300	i 7	i 0	i 197	i 2	i 13	i 3	i 18	i 0	i 31	i 29
SUNY, Buffalo State	526	293	0	50	163	0	1	13	52	0	0	14
U. Massachusetts, central office	527	285	0	0	14	0	0	0	144	25	0	102
U. Houston-Downtown	528	280	9	12	17	1	0	0	32	13	8	188
Emerson C.	529	279	0	0	0	0	0	0	0	0	0	279
California State U., San Marcos	530	272	0	0	0	0	0	0	127	97	0	48
Fairfield U.	531	255	6	0	47	1	31	21	15	0	6	128
U. South Carolina, Aiken	531	255	0	0	92	0	36	20	6	0	0	101
Western Illinois U.	533	254	0	4	200	0	18	0	31	0	0	1
Lipscomb U.	534	247	i 7	i 0	i 156	i 2	i 12	i 3	i 15	i 0	i 25	i 27
Sonoma State U.	534	247	8	20	58	5	22	10	32	5	1	86
Whitman C.	536	246	0	11	98	0	93	25	19	0	0	0
CUNY, Medgar Evers C.	537	245	0	0	173	5	37	0	26	0	0	4
U. Southern Maine	537	245	1	0	53	0	0	0	174	0	0	17
New York Medical C.	539	243	0	0	243	0	0	0	0	0	0	0
U. Puget Sound	540	238	0	0	117	4	24	5	59	0	0	29
Northwestern State U. Louisiana	541	237	58	0	0	0	0	0	141	0	0	38

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Mount Holyoke C.	542	227	1	0	17	0	3	159	20	0	0	27
Dakota State U.	543	220	220	0	0	0	0	0	0	0	0	0
Winthrop U.	543	220	0	0	20	0	52	0	43	11	0	94
U. Wisconsin-Eau Claire	545	219	0	2	53	9	85	20	43	0	0	7
Bates C.	546	212	0	13	39	4	34	14	44	3	0	61
Bradley U.	547	207	7	0	29	0	24	5	0	0	134	8
U. Washington, Tacoma	547	207	0	108	0	0	0	0	29	0	0	70
U. Wisconsin-Green Bay	547	207	4 i	7 i	117 i	2 i	10 i	3 i	11 i	0 i	34 i	19 i
Indiana State U.	550	204	0	10	103	0	0	1	0	0	1	89
Midwestern State U.	551	201	16	3	101	1	8	5	0	0	25	42
U. Hawaii, system office	551	201	21	180	0	0	0	0	0	0	0	0
U. Wisconsin-Platteville	553	189 i	1 i	9 i	69 i	3 i	17 i	5 i	11 i	0 i	20 i	54 i
U.S. Naval Academy	554	186	5	0	0	20	24	0	0	0	137	0
Saint Michael's C.	555	182	0	0	57	0	125	0	0	0	0	0
U. Puerto Rico, Humacao	556	177	0	0	0	0	168	0	0	9	0	0
Ithaca C.	557	170	0	2	28	0	57	7	11	0	0	65
CUNY, Graduate Center	558	169	0	0	17	0	0	4	17	0	0	131
Fort Hays State U.	559	168	0	10	68	0	55	3	10	0	0	22
New England C. of Optometry	560	166	0	0	166	0	0	0	0	0	0	0
CUNY, system office	561	163	47	0	0	0	0	0	0	0	0	116
Seattle U.	562	160	1	0	14	2	27	0	15	0	13	88
Stonehill C.	563	159	0	0	0	0	0	0	0	159	0	0
West Virginia State U.	563	159	11	0	136	0	12	0	0	0	0	0
CUNY, York C.	565	156	0	65	22	0	58	0	1	0	0	10
U. of the Incarnate Word	566	155	0	0	99	0	0	0	0	0	0	56
C. New Jersey	567	153	0	0	104	2	3	7	17	0	11	9
Colorado State U., Pueblo	568	152	0	0	62	0	8	0	0	0	46	36
Doane U.	569	148 i	10 i	0 i	78 i	0 i	55 i	0 i	0 i	0 i	0 i	5 i
Kenyon C.	570	146	0	0	14	16	71	29	9	0	0	7
Gettysburg C.	571	144	0	16	4	0	23	19	17	0	0	65
CUNY, New York City C. of Technology	572	136	0	0	102	0	12	0	6	0	14	2
Lamar U.	572	136	40	0	6	0	3	0	0	0	12	75

TABLE 27

## Higher education R&amp;D expenditures funded by institutional funds, ranked by all R&amp;D expenditures, by R&amp;D field: FY 2020

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
St. Bonaventure U.	572	136	0	0	0	0	0	0	0	0	0	136
Citadel Military C. South Carolina	575	135	2	0	52	3	23	2	10	0	21	22
Morehead State U.	576	133	5	9	1	0	0	4	48	0	63	3
Middlebury C.	577	132	0	0	132	0	0	0	0	0	0	0
Providence C.	578	127	0	10	61	0	10	0	14	0	0	32
U. Ana G. Mendez, Carolina	578	127	0	0	52	0	0	2	0	0	73	0
Hampton U.	580	124	0	0	0	0	0	0	0	0	0	124
Sul Ross State U.	581	119	0	0	78	0	0	0	41	0	0	0
Fort Valley State U.	582	115	0	0	89	26	0	0	0	0	0	0
Black Hills State U.	583	114	28	0	73	0	6	0	0	0	0	7
Columbus State U.	584	105	17	0	20	8	7	0	17	0	0	36
Florida Gulf Coast U.	585	103	0	0	0	0	0	0	0	0	70	33
Erikson Institute	586	96	0	0	0	0	0	0	0	0	0	96
Hofstra U.	586	96	0	1	28	2	6	12	2	0	1	44
Rhode Island C.	588	93	0	0	19	0	5	0	0	0	0	69
Seton Hall U.	589	88	0	0	0	0	0	0	0	0	0	88
California State U., Maritime Academy	590	85	0	0	0	0	0	0	0	0	85	0
California State U., Stanislaus	591	79	0	1	10	0	17	9	22	0	0	20
Fort Lewis C.	591	79	0	10	18	0	23	0	0	0	28	0
U. Alaska, Southeast	593	76	0	17	23	0	25	0	0	10	0	1
Merrimack C.	594	72	0	0	40	0	0	0	0	0	0	32
Mills C.	595	70	0	0	0	0	0	0	0	0	0	70
Monmouth U.	595	70	0	51	13	0	6	0	0	0	0	0
U. Louisiana, Monroe	597	69	0	7	62	0	0	0	0	0	0	0
Troy U.	598	66	5	2	2	2	0	3	20	0	0	32
Lawrence Technological U.	599	64	0	0	0	0	0	0	0	0	33	31
Coastal Carolina U.	600	61	0	61	0	0	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	601	52	0	0	52	0	0	0	0	0	0	0
Heidelberg U.	602	48	0	48	0	0	0	0	0	0	0	0
New Jersey City U.	603	39	0	0	8	5	0	3	0	1	0	22
Northwest Indian C.	604	36	0	0	0	0	0	0	0	0	0	36
U. Houston-Clear Lake	605	33	7	0	2	0	7	0	1	0	0	16

TABLE 27

**Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2020**

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Weber State U.	605	33	33	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	607	29	0	0	29	0	0	0	0	0	0	0
Jacksonville State U.	608	28	0	0	28	0	0	0	0	0	0	0
Hawaii Pacific U.	609	27	0	0	24	0	0	0	3	0	0	0
U. of the Virgin Islands	610	26	0	16	0	0	0	0	0	0	10	0
MGH Institute of Health Professions	611	20	0	0	0	0	0	0	0	0	0	20
Keene State C.	612	19	0	0	0	0	19	0	0	0	0	0
U. Wisconsin-River Falls	613	7	0	0	2	0	1	0	0	0	0	4
Calvin U.	614	5 i	2 i	0 i	0 i	0 i	1 i	0 i	1 i	0 i	1 i	0 i
Norfolk State U.	614	5	0	0	0	0	0	0	0	0	0	5

i = imputed.

nec = not elsewhere classified; S&amp;E = science and engineering.

<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> Johns Hopkins University includes the Applied Physics Laboratory, with \$56,997 thousand in institutionally financed R&D expenditures in FY 2020.

<sup>c</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):**

Institutions reporting zero expenditures in ranked total for FY 2020 are not listed in this table. 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 2020.