Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
All institutions	-	15,662,733	17,476,420	19,275,480	21,222,336	9,759,538	10,937,455	12,184,984	13,407,784
Johns Hopkins U.[a]	1	1,324,646 i	1,493,689 i	1,712,148 i	1,825,921 i	1,264,048	1,436,413	1,645,349	1,743,378
Georgia Institute of Technology	2	935,632	1,061,402	1,134,820	1,230,124	739,429	847,360	923,812	1,004,544
U. Texas, Austin	3	319,719	360,947	418,949	609,703	216,881	249,098	258,113	405,012
SUNY, U. Albany	4	4,266	4,562	322,259	585,001	1,355	1,412	54,417	82,406
Texas A&M U., College Station and Health Science Center	5	402,999	464,769	496,787	523,812	138,068	170,864	176,573	198,762
Pennsylvania State U., University Park and Hershey Medical Center	6	385,594	453,476	471,961	519,284	300,829	348,549	374,697	421,093
Wichita State U.	7	226,111	336,096	360,009	440,949	88,257	136,780	174,719	264,553
Massachusetts Institute of Technology	8	397,946	404,440	413,889	434,364	215,477	226,746	240,944	275,172
Purdue U., West Lafayette	9	312,394	360,289	393,296	431,312	163,895	188,696	221,032	213,750
Utah State U.	10	259,482	308,386	356,169	404,469	239,736	280,768	320,010	366,734
U. Michigan, Ann Arbor	11	299,254	324,306	371,562	381,634	189,405	206,437	239,934	262,916
U. Illinois, Urbana-Champaign	12	228,786	272,650	351,544	351,708	144,390	176,925	235,831	231,735
Arizona State U.	13	192,681	265,026	277,309	349,188	85,208	98,381	103,574	166,756
Virginia Polytechnic Institute and State U.	14	260,158	261,707	277,605	286,345	114,336	128,941	133,336	139,718
Ohio State U.	15	219,388	242,745	261,381	280,940	103,560	113,636	130,390	137,842
U. California, San Diego	16	212,583	176,720	250,772	267,384	129,923	114,380	161,714	166,636
North Carolina State U.	17	171,162	196,594	218,277	255,614	88,636	100,328	116,334	150,565
U. Maryland	18	164,304	183,899	218,811	235,205	104,247	112,818	135,156	149,695
U. California, Berkeley	19	206,541	209,311	216,013	226,722	93,638	92,895	101,760	105,077
U. Dayton	20	195,856	198,049	211,395	213,897	189,150	188,040	201,784	205,101
U. Washington, Seattle	21	172,004	180,277	188,972	212,077	127,827	139,691	144,745	155,614
U. Wisconsin-Madison	22	148,673	171,445	194,988	197,081	85,549	93,870	108,643	111,320
U. Delaware	23	123,997	161,894	174,863	195,199	88,552	90,547	102,183	88,097
Cornell U.	24	125,320	149,807	176,068	191,531	73,646	84,312	96,296	108,404
U. Florida	25	134,339	150,126	153,888	185,628	79,991	84,288	92,195	113,652
Carnegie Mellon U.	26	138,117	155,436	160,149	179,828	84,680	95,826	99,312	107,054
U. Colorado Boulder	27	191,531	175,118	177,788	173,721	148,185	140,779	143,267	136,121
Stanford U.	28	142,213	158,868	164,503	170,886	89,919	100,033	102,868	113,162
Rice U.	29	110,648	129,719	137,077	169,905	53,851	61,759	63,505	79,016
Iowa State U.	30	132,475	140,782	159,841	165,967	66,024	73,907	87,445	91,741
U. North Dakota	31	84,614	105,141	121,983	162,383	33,233	27,690	49,346	70,329
Auburn U., Auburn	32	93,219	108,344	122,623	160,298	47,059	50,218	61,879	90,633
U. Minnesota, Twin Cities	33	131,042	145,670	160,821	158,056	84,060	92,997	98,159	95,191
Northeastern U.	34	92,855	119,529	148,866	152,123	72,409	96,495	116,014	113,305
New York U.	35	119,160	132,311	142,831	149,197	20,507	24,015	27,857	28,368
U. Tennessee, Knoxville	36	115,464	116,222	128,648	137,592	70,892	70,876	80,267	79,852

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
U. California, Los Angeles	37	98,403	113,969	128,854	137,444	65,455	62,859	72,994	81,561
U. Virginia, Charlottesville	38	65,604	112,702	122,919	135,346	42,481	65,008	75,189	80,557
U. Pennsylvania	39	106,282	112,740	124,526	134,408	54,427	56,036	63,768	64,534
Clemson U.	40	98,733	103,188	119,002	133,252	62,349	65,399	78,025	86,376
Columbia U. in the City of New York	41	87,884	100,161	122,102	132,857	73,487	80,040	98,956	109,874
Duke U.	42	102,748	109,885	119,628	131,314	80,356	85,594	92,243	98,351
SUNY, U. Buffalo	43	109,870	123,383	124,566	130,657	67,985	83,743	89,397	89,238
U. California, Santa Barbara	44	97,329	111,017	108,076	128,508	67,267	77,243	73,488	86,994
Northwestern U.	45	88,008	93,785	120,781	121,705	56,993	57,708	71,574	78,664
U. Arizona	46	84,682	103,771	121,989	120,716	42,072	49,493	63,611	67,559
U. Utah	47	111,749	113,129	122,011	120,431	99,830	93,722	99,597	91,543
Boston U.	48	91,643	111,856	114,080	118,679	54,675	62,597	61,737	67,110
U. California, Davis	49	114,118	124,470	104,694	114,229	56,254	59,180	61,028	63,882
Princeton U.	50	78,831	87,035	101,614	113,500	52,615	52,300	61,067	60,746
U. Connecticut	51	68,902	72,672	84,479	112,119	42,418	46,010	50,829	64,734
U. Notre Dame	52	103,773	113,853	107,700	111,448	50,651	57,913	49,799	55,507
Michigan State U.	53	81,143	86,949	98,696	103,514	34,356	37,598	42,260	44,721
U. Massachusetts, Amherst	54	67,776	82,841	84,141	96,326	35,204	41,770	42,825	52,984
U. Southern California	55	63,694	82,633	90,850	94,884	54,438	68,833	75,260	78,689
Harvard U.	56	96,920	99,830	106,255	94,610	47,017	42,222	47,442	41,973
Montana State U., Bozeman	57	54,188	67,024	79,284	92,789	42,936	54,709	64,978	76,849
Vanderbilt U. and Vanderbilt U. Medical Center	58	78,534	82,313	83,016	91,608	52,364	53,911	54,388	60,501
U. Maine	59	68,261	72,340	71,425	88,908	44,010	46,933	47,381	59,640
U. California, Irvine	60	75,898	84,902	95,016	87,865	40,869	45,509	54,028	54,955
U. Houston	61	64,026	67,684	74,661	85,968	28,251	31,432	32,379	43,992
Case Western Reserve U.	62	41,783	59,900	71,589	85,642	31,686	43,497	51,107	60,290
U. Oklahoma[b]	63	44,727	58,746	76,633	84,893	20,850	30,388	43,975	47,826
U. Pittsburgh, Pittsburgh	64	65,936	82,238	83,908	84,684	43,571	54,013	55,239	55,851
Oregon State U.	65	58,552	71,532	79,966	83,701	44,377	55,520	63,123	68,302
U. Texas, Arlington	66	61,467	64,548	72,342	82,216	28,177	26,470	32,308	32,347
U. Nebraska, Lincoln and Medical Center[c]	67	na	76,802	80,020	81,627	na	37,913	39,652	41,070
Woods Hole Oceanographic Institution	68	88,997 i	93,312	96,345	80,141	82,286 i	84,259	82,740	67,915
Florida State U.	69	58,212	67,635	82,132	79,454	37,798	43,395	49,673	47,933
Rensselaer Polytechnic Institute	70	63,146	66,158	71,966	78,891	29,720	34,192	37,669	40,785
George Mason U.	71	57,196	61,036	70,807	78,312	50,246	49,947	61,653	66,407
U. Kentucky	72	61,287	62,529	67,561	76,601	38,078	37,882	41,051	45,649
Colorado School of Mines	73	60,371	61,175	67,559	76,441	42,745	39,767	37,481	48,883

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
U. Central Florida	74	59,060	68,340	72,550	74,449	37,217	41,638	39,493	39,453
U. Texas, Dallas	75	51,310	55,368	70,912	72,783	24,404	25,609	35,307	39,031
U. Cincinnati	76	46,955	54,548	61,486	72,063	14,790	17,940	21,031	26,564
New Jersey Institute of Technology	77	83,738	90,849	93,704	71,847	48,863	53,008	53,370	31,058
Colorado State U., Fort Collins	78	47,833	52,539	60,498	70,427	36,428	39,358	45,414	52,694
Louisiana State U., Baton Rouge	79	53,974	63,779	68,678	70,329	12,249	15,748	18,393	21,381
U. Alabama, Tuscaloosa	80	49,885	51,029	62,000	69,716	30,544	32,570	35,907	40,524
California Institute of Technology	81	51,975	73,871 i	75,727 i	69,054	25,812	41,780	42,627	47,752
U. South Carolina, Columbia	82	35,508	47,155	58,185	68,402	21,003	27,685	37,731	47,014
Texas Tech U.	83	46,952	53,564	59,044	67,398	18,858	27,046	27,507	31,011
Stevens Institute of Technology	84	43,702	50,295	57,044	66,591	34,630	36,535	51,228	61,461
Washington State U.	85	45,571	47,254	50,128	66,550	20,359	22,414	25,351	27,806
Michigan Technological U.	86	48,400	54,177	55,630	65,588	27,496	27,248	26,911	33,401
Missouri U. of Science and Technology	87	43,119	51,351	55,848	63,519	24,061	27,984	31,186	35,799
U. Massachusetts, Lowell	88	44,358	51,877	57,744	62,988	26,414	25,882	24,305	27,420
Mississippi State U.	89	73,980	78,080	68,736	61,855	48,255	54,768	45,257	35,960
Rutgers, State U. New Jersey, New Brunswick	90	57,490	61,910	58,726	60,772	35,877	40,402	43,715	48,600
U. South Florida	91	50,859	62,025	65,144	60,470	27,554	34,863	37,276	33,055
U. New Mexico	92	45,191	51,318	56,542	59,750	37,091	42,513	48,418	50,167
Florida International U.	93	48,549	56,199	56,953	59,559	31,994	37,670	38,236	40,650
U. Louisiana, Lafayette	94	32,259	35,532	42,556	58,730	9,736	10,734	11,913	8,902
Yale U.	95	36,714	40,153	45,279	58,728	23,926	24,446	25,867	28,069
Oklahoma State U., Stillwater	96	36,217	44,510	57,116	58,234	16,574	21,997	28,600	27,989
U. North Carolina, Chapel Hill	97	39,242	49,721	61,707	58,021	22,510	24,138	24,363	24,996
U. Arkansas, Fayetteville	98	40,691	49,645	63,086	57,819	22,533	27,734	40,136	40,403
U. Iowa	99	49,233	57,579	58,044	57,387	24,367	27,689	28,476	30,426
U. Alabama, Huntsville	100	53,958	55,164	54,721	55,371	43,390	42,694	41,923	40,460
Washington U., Saint Louis	101	28,151	33,691	43,826	54,308	24,042	28,140	33,435	36,771
U. California, Riverside	102	32,758	36,650	42,901	54,163	21,080	23,236	25,594	33,638
U. California, Santa Cruz	103	55,542	57,256	54,214	53,857	43,539	42,217	42,826	40,920
SUNY, Stony Brook U.	104	38,670	40,873	46,622	53,681	25,968	28,320	30,036	33,537
U. Chicago	105	41,866	47,857	50,292	53,319	35,751	40,732	41,638	44,622
West Virginia U.	106	43,972	50,052	53,100	51,801	21,919	23,114	28,943	30,035
U. Illinois, Chicago	107	39,656	46,820	45,603	51,473	24,287	29,282	29,813	32,212
New Mexico State U.	108	40,367	40,884	45,317	49,977	29,723	28,215	32,572	36,354
Dartmouth C. and Dartmouth Hitchcock Medical Center	109	36,219	41,232	50,635	49,072	25,052	28,224	34,831	33,039
SUNY, Binghamton U.	110	33,595	45,755	49,701	48,581	8,326	11,658	10,531	11,133

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
U. Texas, El Paso	111	40,798	45,627	48,749	47,690	26,326	28,605	31,589	27,568
Worcester Polytechnic Institute	112	31,514	37,920	40,692	47,262	18,401	20,579	23,190	26,790
Tufts U.	113	32,535	34,614	39,166	46,608	19,796	20,965	23,493	31,106
Emory U.	114	16,415	26,414	37,498	41,328	10,545	17,322	25,715	29,441
U. Nevada, Reno	115	32,454	41,198	38,129	40,577	11,896	14,595	17,958	19,972
George Washington U.	116	23,736	29,442	33,883	40,301	13,339	14,653	17,724	23,737
Drexel U.	117	38,649	44,002	43,751	39,999	27,063	31,364	28,576	26,766
Virginia Commonwealth U.	118	30,518	29,890	35,917	39,678	9,441	8,436	13,703	19,331
New Mexico Institute of Mining and Technology	119	53,897	76,286	32,554	38,618	45,940	68,220	21,001	25,550
U. Missouri, Columbia	120	78,494	24,365	30,592	37,513	17,346	16,700	21,004	25,537
Old Dominion U.	121	28,288	32,001	31,644	37,273	11,184	11,962	14,011	22,668
Mercer U.	122	38,452	33,284	32,951	37,049	29,959	26,989	26,134	29,936
U. Georgia	123	22,379	27,420	30,656	36,179	10,503	11,735	12,285	18,773
U. Hawaii, Manoa	124	24,574	29,058	31,201	34,570	17,241	20,303	21,422	23,019
U. Kansas	125	22,075	25,610	33,322	34,568	13,244	15,825	20,360	20,196
U. Alaska, Fairbanks	126	17,869	31,211	35,676	34,509	12,504	13,928	16,904	17,872
Brown U.	127	29,569	27,640	33,027	34,380	18,304	20,340	21,818	23,690
U. New Hampshire	128	25,040	29,519	34,616	34,327	9,665	13,998	17,173	18,555
U. Alabama, Birmingham	129	30,637	28,505	30,203	34,111	22,205	15,320	17,486	21,002
U. Wyoming	130	28,379	23,084	32,812	33,932	17,026	9,991	8,246	6,536
Lehigh U.	131	28,948	32,406	35,324	33,750	19,098	21,706	24,202	24,176
Kansas State U.	132	29,980	30,352	33,623	32,464	15,266	15,212	15,581	14,637
U. Texas, San Antonio	133	24,403	25,584	30,334	32,433	10,333	11,142	11,909	12,657
U. Memphis	134	11,825	14,577	25,468 i	31,793 i	4,518	5,852	8,645	9,821
Rochester Institute of Technology	135	22,869	28,126	33,180	31,548	10,560	11,359	13,580	15,134
U. North Texas, Denton	136	23,078	27,249	36,595	30,547	10,227	13,452	19,254	14,862
Brigham Young U., Provo	137	19,599	26,923	31,754	29,989	15,386	14,299	15,355	15,539
North Carolina A&T State U.	138	18,186	20,925	29,902	29,476	10,157	14,059	16,157	17,006
U. Louisville	139	23,630	24,702	25,846	27,776	14,712	15,122	12,461	13,614
CUNY, City C.	140	36,189	21,627	25,432	27,018	19,125	17,700	17,144	18,879
U. Rochester	141	22,179	22,767	22,234	26,881	17,031	18,978	18,478	22,669
Rowan U.	142	15,432	19,322	24,283	26,207	9,274	9,769	10,466	14,326
Syracuse U.	143	21,602	24,796	25,436	25,192	7,290	8,149	8,619	8,996
U. North Carolina, Charlotte	144	15,096	23,417	22,653	25,110	8,783	9,789	8,964	9,028
Cleveland State U.	145	14,519	15,061	21,401	24,970	9,597	9,606	15,192	17,751
Embry-Riddle Aeronautical U.	146	16,049	13,774	22,820	24,434	14,083	12,190	16,941	22,095
Naval Postgraduate School	147	21,556	27,413	37,396	24,003	13,920	21,980	33,853	21,103

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
U. Missouri, Kansas City	148	12,219	16,959	17,747	23,285	9,153	12,734	11,587	14,709
North Dakota State U.	149	20,187	25,034	26,245	23,059	10,191	13,852	15,107	10,968
Boise State U.	150	14,758	17,088	19,438	22,056	11,149	14,082	15,583	14,884
U. Vermont	151	11,621	18,270	20,298	21,971	5,794	9,208	10,601	13,454
U. Nevada, Las Vegas	152	12,665	13,866	21,008	21,938	5,031	6,771	9,722	10,134
U.S. Air Force Academy	153	33,169	36,441	37,077	21,717	32,709	35,804	36,045	21,259
U. California, Merced	154	11,997	21,052	18,045	20,702	5,007	7,349	9,096	10,484
Morgan State U.	155	8,375	10,725	12,790	19,996	5,514	5,962	7,369	11,512
Air Force Institute of Technology	156	27,794	37,232	24,545	19,925	21,622	29,188	19,073	14,309
San Diego State U.	157	14,193	16,138	17,100	19,899	5,143	6,656	6,328	7,618
U. Rhode Island	158	11,931	14,637	17,567	19,874	9,997	11,545	13,733	16,412
Florida Atlantic U.	159	16,449	17,629	17,107	19,761	9,749	12,770	12,064	13,589
U. Texas Rio Grande Valley	160	7,844	11,028	15,318	19,526	4,536	6,988	10,317	12,461
Florida A&M U.	161	5,752	9,530	15,567	19,382	5,427	8,959	13,346	18,498
Tennessee Technological U.	162	7,436	9,802	17,343	19,315	2,549	4,141	8,792	10,033
Indiana U., Bloomington	163	12,030	25,104	18,075	19,012	7,149	18,033	13,357	14,485
Wayne State U.	164	13,632	13,718	17,171	18,784	6,722	7,106	8,701	8,436
U. Tulsa	165	9,554	10,991	11,536	18,485	1,557	2,462	3,033	7,314
Texas State U.	166	9,722	11,165	15,009	18,281	2,429	3,577	4,936	7,957
Missouri State U.	167	8,630	12,633	13,388	18,115	8,396	11,680	12,078	14,056
Western Michigan U. and Homer Stryker M.D. School of Medicine	168	9,515	14,491	16,263	18,014	3,994	4,884	4,276	5,762
Oregon Health and Science U.	169	13,373	14,960	15,628	18,008	10,647	12,097	12,020	13,012
Illinois Institute of Technology	170	12,502	13,311	15,745	17,518	10,795	11,065	11,876	13,368
South Dakota School of Mines and Technology	171	17,162	15,552	16,592	17,491	12,779	11,074	12,315	12,680
Villanova U.	172	9,453	11,370	13,792	17,155	1,949	3,147	3,935	5,471
U. Southern Mississippi	173	7,380	10,921	11,700	16,997	2,661	5,330	5,402	5,635
Louisiana Tech U.	174	11,673	15,078	15,478	16,870	3,120	4,122	5,956	8,216
Baylor U.	175	9,061	11,454	16,077	16,688	2,307	2,815	5,050	8,088
U. Puerto Rico, Mayaguez	176	8,482	7,401	13,622	16,489	7,325	6,545	9,437	11,760
Ohio U.	177	17,216	16,193	17,228	16,195	5,209	4,985	5,843	5,990
Clarkson U.	178	12,446	14,568	15,279	15,044	5,180	6,413	8,051	7,504
U. Mississippi	179	8,095	11,818	13,909	15,032	3,779	4,284	7,005	7,904
Southern Methodist U.	180	7,313	8,535	12,774	14,886	2,769	2,612	3,859	5,906
California State U., Sacramento	181	8,253	11,433	12,631	14,775	3,718	7,114	6,039	6,999
U. Texas Southwestern Medical Center	182	0	0	11,682	13,789	0	0	1,978	1,789
U. Miami	183	5,961	8,034	9,216	13,448	4,423	4,988	5,010	7,955
Prairie View A&M U.	184	5,305	5,101	9,454	13,289	3,849	3,799	7,456	10,589

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
U. of St. Thomas (MN)	185	862	1,145	4,427	13,217	285	367	1,159	11,348
U. Maryland, Baltimore County	186	8,140	10,631	10,580	12,602	4,079	4,065	4,650	4,288
U. Michigan, Dearborn	187	6,703	8,414	10,273	12,028	2,030	2,599	4,855	6,182
U. Idaho	188	13,720	13,229	14,091	11,741	7,063	6,244	6,475	5,734
U. Massachusetts, Dartmouth	189	8,480	11,936	12,418	11,716	2,245	3,203	4,021	3,968
Texas A&M U.-Corpus Christi	190	8,737	9,507	12,277	11,700	4,257	1,905	3,800	3,767
U. Akron	191	7,558	8,851	10,504	11,614	4,632	4,733	5,678	5,065
U. Wisconsin-Milwaukee	192	8,246	9,725	11,760	11,389	2,907	3,322	3,712	3,909
Marquette U.	193	10,278	12,351	13,202	11,271	5,605	7,361	8,350	7,197
U. Toledo	194	11,957	11,520	11,782	11,131	8,517	7,048	6,322	6,541
Tulane U.	195	6,823	6,779	9,254	11,124	3,801	4,041	4,453	6,970
Temple U.	196	8,898	8,815	11,150	11,096	4,494	4,482	5,255	4,637
North Carolina Central U.	197	2,074	11,000 i	10,915	10,572	1,395	8,491 i	8,011	8,462
U. South Alabama	198	6,231	7,228	11,730	10,450	4,296	5,784	8,535	7,915
U.S. Military Academy	199	6,640	7,462	10,271	10,149	6,086	7,214	9,139	8,818
Oakland U.	200	14,783	9,138	10,392	10,139	1,572	1,017	1,882	2,582
San Jose State U.	201	6,968	9,496	8,237	9,283	1,323	1,672	2,443	2,732
South Dakota State U.	202	8,977	8,819	8,537	9,277	4,783	3,850	3,820	3,826
Southern Illinois U., Edwardsville	203	8,439	6,427	9,362	9,186	204	273	536	204
U. Oregon	204	4,656	5,844	6,064	9,125	3,729	5,004	5,319	6,949
Northern Arizona U.	205	4,194	5,880	9,875	8,967	2,709	3,505	6,135	5,487
Portland State U.	206	5,582	7,108	6,803	8,746	3,752	4,290	5,260	6,083
Northern Illinois U.	207	4,132	4,565	9,464	8,668	2,039	2,193	3,504	3,109
California Polytechnic State U., San Luis Obispo	208	8,472	9,181	7,251	8,534	5,436	4,584	1,854	3,932
Howard U.	209	10,431	11,221	13,345	8,487	8,156	6,744	7,664	4,111
Saint Louis U.	210	1,559	3,187	5,214	8,263	768	1,603	2,918	5,248
Florida Institute of Technology	211	5,100	5,021	5,886	8,027	2,818	3,306	3,214	3,098
Montana Technological U.	212	4,473	6,151	9,496	7,956	3,779	5,051	8,865	6,929
U. of the District of Columbia	213	5,725	3,342	3,627	7,858	5,725	3,314	3,627	7,858
Lamar U.	214	3,536	6,659	6,270	7,432	445	1,363	1,754	2,685
Tennessee State U.	215	1,278	3,026	5,176	7,390	1,265	2,781	3,954	5,404
Marshall U.	216	3,333	5,227	6,097	7,083	2,375	3,993	4,198	4,822
U.S. Naval Academy	217	6,342	5,848	5,860	6,957	6,197	5,788	5,833	6,638
Weber State U.	218	ne	ne	449	6,681	ne	ne	217	570
California State Polytechnic U., Humboldt	219	6,779	5,920	6,072	6,623	197	6	134	519
California State U., Long Beach	220	3,671	3,160	4,265	6,441	2,181	1,897	2,175	3,594
Kennesaw State U.	221	1,652	3,445	5,148	6,236	351	776	1,084	2,151

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
Brandeis U.	222	5,264	5,918	6,867	6,139	147	0	119	0
Tuskegee U.	223	2,955	3,262	2,947	5,545	2,099	2,326	2,101	4,449
Miami U.	224	4,474	4,562	4,806	5,521	843	798	1,674	1,636
Idaho State U.	225	4,752	5,435	5,458	5,454	2,430	2,640	2,342	1,847
Alfred U.	226	3,458	4,076	5,501	5,358	991	1,909	3,176	2,832
California State U., Fresno	227	1,970	1,450	2,396	5,226	971	728	1,113	3,308
Texas A&M U.-Kingsville	228	4,044	5,130	4,751	5,138	2,819	3,690	3,176	3,845
California State U., Northridge	229	2,621	2,935	2,872	5,123	2,377	1,911	1,722	3,356
Medical C. Wisconsin	230	7,427	7,828	5,926	5,070	5,046	5,735	3,681	3,466
Georgia Southern U.	231	3,302	4,200	5,206	4,907	468	978	1,281	1,425
Catholic U. of America	232	3,076	3,217	4,134	4,876	2,099	2,405	2,316	2,558
Morehead State U.	233	2,312	2,141	1,593	4,845	1,799	1,392	668	4,774
Santa Clara U.	234	1,741	2,617	4,165	4,647	1,061	1,849	1,490	1,246
Jackson State U.	235	2,512	3,214	4,121	4,639	1,905	2,669	3,659	4,153
California State Polytechnic U., Pomona	236	1,759	1,673	1,982	4,531	1,298	1,213	1,404	4,085
Purdue U., Northwest	237	2,606	3,078	3,182	4,367	1,846	2,023	2,172	3,618
Kent State U.	238	1,847	1,904	2,221	4,299	553	574	442	1,168
U. Colorado Denver	239	3,906	4,511	3,950	4,242	3,398	3,868	3,104	3,259
U. Puerto Rico, Rio Piedras	239	4,135	2,930	2,564	4,242	3,900	2,580	2,283	3,708
SUNY, C. of Environmental Science and Forestry	241	1,644 i	2,095	1,825	4,233	484	1,013	1,390	1,672
CUNY, Advanced Science Research Center	242	2,083	1,871	2,511	4,205	1,347	1,603	1,608	2,074
Southern U. and A&M C., Baton Rouge	243	1,938	2,338	3,122	4,036	1,851	2,272	2,964	4,031
Southern Illinois U., Carbondale	244	2,308	3,183	4,600	3,746	587	865	817	1,246
Alabama A&M U.	245	1,925 i	3,018 i	3,344 i	3,742 i	1,861 i	2,462 i	2,772 i	2,898 i
U. Denver	246	3,632	3,612	3,329	3,704	1,180	1,353	1,372	995
Wright State U.	247	6,843	4,819	3,281	3,291	5,696	3,694	2,181	1,474
U. Alaska, Anchorage	248	1,957	1,878	1,833	3,259	1,074	885	923	931
San Francisco State U.	249	2,423	1,967	2,145	3,244	1,174	613	690	1,504
New School	250	3,301	3,565	1,495	3,221	294	81	15	19
South Carolina State U.	251	787 i	924	1,796	3,195	506 i	549	1,796	3,130
East Carolina U.	252	2,737	3,013	3,367	3,156	2,178	1,796	1,879	1,907
California State U., Los Angeles	253	1,423	2,149	2,200	3,028	1,414	2,149	2,199	2,812
U. Texas Medical Branch	254	1,643	7,397	2,034	3,022	555	507	552	522
U. Washington, Tacoma	255	250	328	352	2,888	250	231	262	2,244
U. North Florida	256	2,472	4,313	3,876	2,753	258	208	201	279
U. West Florida	257	450	1,322	924	2,701	14	647	383	1,122
U. Texas, Tyler[d]	258	542	812	887	2,683	212	304	682	2,252

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
Milwaukee School of Engineering	259	3,480	2,790	3,019	2,418	904	392	538	195
Pennsylvania State U., Harrisburg	260	160	272	877	2,300	74	126	344	1,064
Norfolk State U.	261	1,656	2,218	2,016	2,272	1,597	1,845	1,475	1,718
Chapman U.	262	539	2,041	2,118	2,222	82	228	332	686
Bucknell U.	263	1,589	2,064	1,574	2,052	660	656	524	956
SUNY, Polytechnic Institute	264	411,929	282,110	612	1,984	30,702	32,487	314	839
Arkansas State U., Jonesboro	265	508	660	668	1,927	367	481	268	839
U. Minnesota, Duluth	265	1,892	1,878	2,163	1,927	322	331	442	495
Texas A&M International U.	267	127	175	768	1,917	66	106	477	1,402
U. Arkansas, Little Rock	268	1,571	2,063	2,281	1,691	1,366	1,805	2,239	1,510
Wake Forest U.	269	1,427	1,499	1,499	1,647	804	937	967	903
Franklin W. Olin C. of Engineering	270	2,380	2,312	1,637	1,636	805	641	595	492
California State U., Fullerton	271	1,062	1,355	1,138	1,609	639	622	431	567
U. Tennessee, Chattanooga	272	3,823	4,138	1,913	1,600	2,622	3,049	1,446	1,219
Tarleton State U.	273	685	857	1,024	1,571	0	0	32	0
U. Hartford	274	752	1,067	1,095	1,537	694	986	991	1,346
California State U., San Marcos	275	527	937	1,454	1,478	504	904	1,399	1,446
Minnesota State U., Mankato	276	871	1,166	1,380	1,473 i	0	196	359	376 i
California State U., Chico	277	1,192	1,465	1,450	1,413	636	990	444	605
West Texas A&M U.	278	1,713	1,075	1,545	1,400	915	458	565	542
Florida Polytechnic U.	279	1,310	1,404	773	1,369	493	530	396	506
Youngstown State U.	280	3,058	2,553	1,924	1,364	2,525	2,208	1,782	1,136
U. Houston-Clear Lake	281	21	184	423	1,346	13	100	269	449
Pennsylvania State U., Behrend	282	1,799	1,892	1,528	1,316	1,039	1,365	822	205
CUNY, New York City C. of Technology	283	50	806	762	1,266	33	782	662	874
U. Nebraska, Omaha	284	1,510	1,782	1,936	1,259	988	1,021	1,029	653
U. Massachusetts, Boston	285	1,218	1,298	1,773	1,256	635	705	912	737
Virginia State U.	286	2,260	2,110	2,156	1,249	1,407	1,249	1,183	352
Rhode Island School of Design	287	ne	ne	1,013	1,200	ne	ne	140	111
Pittsburg State U.	288	2,309	2,461	2,333	1,189	600	1,088	955	219
Hampton U.	289	1,215	837	1,188	1,188	1,215	837	1,188	1,188
Harvey Mudd C.	290	608	774	1,338	1,157	237	394	834	598
Purdue U., Fort Wayne	291	169	192	1,017	1,114	92	17	27	106
U. New Orleans	292	2,134	2,509	2,539	1,109	341	640	635	762
C. Charleston	293	158	583	911	1,067	158	524	390	730
New York Institute of Technology	294	1,181	844	721	1,058	1,082	742	564	697
Kettering U.	295	985	ne	ne	1,055	0	ne	ne	262

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
U. New Haven	296	329	120	684	1,052	64	23	452	521
Liberty U.	297	ne	588	2,456	1,040	ne	15	254	110
U. South Carolina, Aiken	298	231	126	0	1,038	128	126	0	782
Oregon Institute of Technology	299	902 i	1,104 i	1,073 i	1,028 i	96 i	388 i	385 i	142 i
California State U., Bakersfield	300	440	711	586	995	302	388	441	761
U. North Carolina, Wilmington	301	537	1,317	1,027	991	182	265	172	391
Lawrence Technological U.	302	726	816	912	974	382	545	575	500
Boston C.	303	438	592	1,305	972	0	0	114	36
Indiana U., Indianapolis	304	6,626	9,390	6,808	924	4,375	6,049	4,602	329
U. Colorado Colorado Springs	305	1,883	1,144	1,070	916	1,134	762	869	804
Lafayette C.	306	384	581	688	846	222	403	463	580
Swarthmore C.	307	215	338	528	832	51	1	33	74
James Madison U.	308	808	576	706	821	161	209	354	593
Marian U., Indianapolis	309	ne	0	1,497	806	ne	0	0	0
U. San Diego	310	820	608	548	777	518	343	271	608
Western New England U.	311	1,464	686	739 i	774 i	395	344	370 i	384 i
Western Kentucky U.	312	510	615	674	773	135	109	93	44
U. Wisconsin-Oshkosh	313	294	157	565	758	252	142	138	32
U. Colorado Anschutz Medical Campus	314	957	842	707	732	730	707	484	382
Manhattan U.	315	899	447	750	727	58	83	282	341
U. Maryland Center for Environmental Science	316	0	0	0	724	0	0	0	708
U. Detroit Mercy	317	560	1,010	682	693	510	804	524	459
U. South Dakota	318	1,447	1,153	1,198	691	859	653	693	193
CUNY, Graduate Center	319	0	206	491	674	0	206	491	674
U. Maryland, Eastern Shore	320	59	63	213	672	59	63	201	653
Montclair State U.	321	1,129	402	538	651	49	360	431	426
C. New Jersey	322	265	278	729	639	133	193	446	498
Hofstra U.	323	521	642	431	625	352	376	213	164
Christopher Newport U.	324	437	541	628	622 i	437	541	628	622 i
Robert Morris U.	325	555 i	612	581	619	448 i	492	495	533
Long Island U.	326	0	0	378	615	0	0	0	0
U. Central Oklahoma	327	93	50	50	608	31	0	0	247
East Tennessee State U.	328	27 i	87	423	598	0	0	0	547
Appalachian State U.	329	237	266	430	585	42	0	0	0
Saginaw Valley State U.	330	0 i	0 i	0 i	580 i	0 i	0 i	0 i	462 i
Savannah State U.	331	609	502	610	557	609	502	610	557
Smith C.	331	599	567	417	557	426	421	132	362

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
United Tribes Technical C.	331	ne	444	106	557	ne	410	100	557
SUNY, Cobleskill	334	1,211	2,301	856	538	379	469	512	488
Pennsylvania State U., Altoona	335	ne	425	861	535	ne	297	342	73
Merrimack C.	336	ne	16	39	533	ne	11	32	17
Union C., Schenectady	337	446	519	576	529	359	272	345	303
U. Southern Maine	338	228	301	600	521	72	97	118	93
Fort Lewis C.	339	623	628	475	519	592	569	424	409
Central Michigan U.	340	499	377	414	514	48	187	232	190
U. of the Virgin Islands	341	790	790	792	509	790	790	792	509
Seattle U.	342	137	282	332	499	48	85	176	250
U. Wisconsin-Green Bay	343	465 i	484 i	467 i	494 i	199 i	232 i	233 i	254 i
U. Missouri, Saint Louis	344	0	38	643	479	0	0	328	331
Eastern Michigan U.	345	407	534	18	451	76	83	18	74
Southern Utah U.	345	ne	ne	90	451	ne	ne	42	90
Western Illinois U.	347	1,983	717	781 i	449	1,983	717	781 i	449 i
Utah Valley U.	348	310	668	764	441	180	435	275	239
Duquesne U.	349	66	187	308	440	21	52	220	290
U. South Carolina Upstate	350	ne	ne	641	427	ne	ne	445	342
Roger Williams U.	351	221	202	367	416	44	117	223	196
Alcorn State U.	352	1,159 i	1,349	408	407 i	873 i	1,033	393	389 i
Fairfield U.	353	ne	474	552	402	ne	34	45	63
Clark Atlanta U.	354	41	114	174	398	41	114	142	390
Metropolitan State U. of Denver	355	ne	ne	ne	393	ne	ne	ne	392
Delaware State U.	356	207	419	567	389	137	176	512	370
Benedict C.	357	ne	1,428	218	366	ne	815	203	333
Pace U.	358	529	684	498	351	529	649	480	350
Trinity U.	359	69	137	319	348	7	81	192	122
Citadel Military C. South Carolina	360	363	491	488	320	222	416	397	248
Texas Christian U.	361	88	95	126	318	84	59	8	13
CUNY, Hunter C.	362	191	0	357	313	191	0	357	313
California Baptist U.	363	ne	ne	ne	298	ne	ne	ne	95
Southeastern Louisiana U.	364	24	140	81	295	6	49	33	69
U. Washington, Bothell	365	387	530	198	294	387	343	153	148
Western Washington U.	366	570	621	614	290	227	421	326	68
Western Carolina U.	367	363	395	478	287	134	65	233	171
Hope C.	368	430	493	403	279	374	412	364	265
Middle Tennessee State U.	369	889	196	201	275	288	141	138	148

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
Central State U.	370	314	155	234	269	314	155	234	269
Trinity C., Hartford	371	42	71	121	264	13	2	0	0
Albany State U.	372	ne	1,177	2,953	260	ne	936	2,839	45
Coastal Carolina U.	373	175	275	393	242	159	194	231	144
Sacred Heart U.	374	ne	0	62	241	ne	0	0	241
Towson U.	374	0	0	11	241	0	0	3	40
Texas Southern U.	376	24	75	98	235	7	69	96	235
U. Michigan, Flint	377	ne	ne	142	230	ne	ne	0	7
U. Wisconsin-Superior	377	297	0	4	230	71	0	4	5
Langston U.	379	0	0	127	227	0	0	106	227
Providence C.	380	ne	0	53	226	ne	0	53	226
U. North Carolina, Asheville	380	0	2	106	226	0	2	0	0
Xavier U. Louisiana	382	0	135	268	217	0	135	260	132
Eastern Washington U.	383	0	71	170	213	0	71	165	213
SUNY, Oswego	384	0	150	192	204	0	123	118	188
California State U., Monterey Bay	385	0	23	45	202	0	0	0	183
Florida Gulf Coast U.	386	222	221	139	180	84	26	14	121
Pennsylvania State U., Berks	387	ne	ne	ne	176	ne	ne	ne	70
U.S. Coast Guard Academy	388	ne	133	ne	164	ne	0	ne	42
California State U., East Bay	389	133	155	146	161	0	0	0	0
U. Portland	390	ne	ne	ne	157	ne	ne	ne	77
Bradley U.	391	ne	ne	ne	154	ne	ne	ne	54
Ferris State U.	392	ne	0	579	149	ne	0	20	149
Bowling Green State U.	393	80	189	86	146	42	114	59	5
West Chester U. Pennsylvania	394	0	51	51	140	0	0	0	0
U. Texas of the Permian Basin	395	797	416	292	139	509	226	113	38
Keck Graduate Institute	396	0	129	138	136	0	127	127	124
U. Wisconsin-Stevens Point	397	111	82	51	133	0	61	8	83
Loyola Marymount U.	398	57	0	378	131	0	0	92	73
Norwich U.	398	ne	124	0	131	ne	112	0	125
Lincoln Memorial U.	400	ne	0	0	126	ne	0	0	126
Marymount U.	400	3	111	257	126	0	50	182	125
U. of the Pacific	400	214 i	216 i	93 i	126 i	135	21	9	47
Eastern Kentucky U.	403	ne	69	112	121 i	ne	69	30	31 i
Bentley U.	404	0	72	151	119	0	72	151	110
Grand Valley State U.	405	117	239	105 i	118	0	0	15 i	15
Virginia Military Institute	406	119	147	81	112	51	62	45	14

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
Gonzaga U.	407	ne	ne	ne	105	ne	ne	ne	80
Sonoma State U.	408	17	67	74	97	0	43	71	91
Lipscomb U.	409	ne	153	113	87	ne	94	48	19
Indiana State U.	410	87	59	58	83	70	34	41	67
Colorado State U., Pueblo	411	0	8	106 i	80	0	0	25 i	30
Hawaii Pacific U.	412	14	0	47	69	14	0	47	69
East Texas A&M U.	413	48	113	123	66	0	0	0	0
Andrews U.	414	ne	48	8	65	ne	42	0	47
Dillard U.	415	7	85	101	63	7	85	101	63
U. California, San Francisco	416	0	0	0	61	0	0	0	0
U. Tennessee, Health Science Center	417	640	683	752	60	0	0	0	0
Calvin U.	418	129 i	134 i	99	59	33	64	69	46
Des Moines U.	418	0	0	5	59	0	0	5	0
St. Edward's U.	420	0	0	117	57	0	0	0	0
Central Washington U.	421	32	56	6	46	25	39	0	29
Elon U.	422	18	30	53	43	0	0	0	0
Ball State U.	423	0	32	58	36	0	0	0	0
California State U., San Bernardino	424	658	1,108	95	35	0	0	0	0
Quinnipiac U.	425	ne	ne	ne	32	ne	ne	ne	0
U. Wisconsin-Eau Claire	426	0	0	24	31	0	0	0	0
Kean U.	427	32	1	1	30	0	0	0	0
U. Houston-Downtown	428	71	79	81	29	71	79	66	24
U. Alaska, Southeast	429	0	92	41	27	0	21	0	3
Wheaton C., Wheaton	429	ne	0	0	27	ne	0	0	0
Stephen F. Austin State U.	431	0	0	0	25	0	0	0	0
Troy U.	432	56	47	38	22	56	47	37	22
Lake Superior State U.	433	41	43	11	20	0	25	8	0
Azusa Pacific U.	434	10	21	84	19	0	7	38	13
U. Central Arkansas	434	0	221	74	19	0	221	74	19
U. North Georgia	434	0	0	18	19 i	0	0	18	19 i
CUNY, C. Staten Island	437	0	288	19	13	0	286	0	0
Austin Peay State U.	438	0	9	3	12	0	8	3	12
U. San Francisco	438	3	4	9	12	0	0	0	0
U. Guam	440	6	0	0	10	6	0	0	10
Northern Michigan U.	441	0	0	45	9	0	0	34	9
Seattle Pacific U.	441	ne	ne	9	9	ne	ne	0	0
Abilene Christian U.	443	29	15	68	7	29	15	0	4

Table 21. Total and federally financed higher education R&D expenditures at institutions in the standard form survey population in engineering, ranked by FY 2025 total: FYs 2022–25

(Dollars in thousands)

Institution	Rank	Total				Federally financed			
		2022	2023	2024	2025	2022	2023	2024	2025
Midwestern State U.	443	ne	ne	78	7	ne	ne	0	0
U. Wisconsin-River Falls	445	ne	42	5	6	ne	27	0	0
Sam Houston State U.	446	253	109	93	5	167	80	49	0
U. Scranton	446	ne	4	1	5	ne	0	0	0
DePaul U.	448	76	106	80	4	76	106	64	0
California State U., Channel Islands	449	4	0	3	3	1	0	0	0
St. Olaf C.	449	ne	0	0	3	ne	0	0	0
Juniata C.	451	ne	ne	0	2	ne	ne	0	0
Creighton U.	452	0 i	0 i	0 i	1 i	0 i	0 i	0 i	1 i
St. Cloud State U.	452	30	54	42	1	0	0	0	0
All other surveyed institutions	-	76,329	2,521	1,392	0	35,685	1,189	495	0

i = imputed. na = not applicable; institution did not exist or did not exist as a separate entity. ne = not eligible; institution did not meet the criteria for inclusion.

[a] Johns Hopkins University includes the Applied Physics Laboratory (APL), with $1,634,920 thousand imputed for total and $1,596,021 thousand reported for federally financed R&D expenditures in engineering in FY 2025. Total expenditures by field for Johns Hopkins University are flagged as imputed because APL was unable to distribute a portion of institutionally funded R&D by field.

[b] The University of Oklahoma includes expenditures from the University of Oklahoma, Tulsa and University of Oklahoma, Norman and Health Science Center campuses. Due to a reorganization, the campuses began reporting as one unit in FY 2024.

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

[d] The University of Texas, Tyler includes expenditures from the University of Texas, Tyler and the University of Texas Health Science Center at Tyler due to the consolidation of the two campuses on 4 January 2021. Prior to FY 2025, both campuses reported to the survey as separate institutions.

Note(s):
Institutions reporting zero expenditures in these fields for FY 2025 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, multicampus 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 5.

Source(s):
National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.