

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
All institutions	-	37,477,582	40,768,251	40,141,676	39,445,414	37,961,118	37,846,365	38,787,982	40,247,588	41,859,934	44,460,361	46,108,772	49,121,155	53,974,981	59,610,006	64,639,941
Johns Hopkins U. <sup>a</sup>	1	1,737,261	1,884,025	1,857,580	1,898,927	1,950,016	1,992,837	2,104,653	2,178,605	2,251,097	2,482,130	2,682,410	2,774,643	2,971,816	3,324,551	3,618,064
Georgia Institute of Technology	2	372,122	427,867	484,212	522,134	512,015	551,084	568,430	584,891	654,877	716,207	790,518	852,319	940,488	1,083,903	1,213,430
U. Michigan, Ann Arbor	3	747,778	820,125	791,729	814,167	742,160	735,447	786,749	829,695	849,123	886,851	884,880	891,125	970,636	1,041,430	1,165,494
U. California, San Diego	4	580,279	636,879	656,891	632,593	599,095	603,343	604,298	641,469	635,888	698,925	727,289	801,117	970,696	1,083,790	1,151,518
U. Washington, Seattle	5	829,885	948,976	909,652	928,193	909,034	906,768	946,787	952,738	989,221	992,643	1,024,195	1,046,377	1,083,090	1,188,836	1,135,734
Columbia U. in the City of New York	6	572,213	645,233	645,573	635,987	608,588	592,545	600,457	647,840	686,338	736,536	762,289	831,648	904,346	988,670	1,076,805
Duke U.	7	514,084	585,262	587,268	581,695	557,969	559,217	575,521	623,573	645,259	709,705	707,746	776,632	901,807	974,202	1,039,631
U. California, San Francisco	8	514,693	570,116	559,329	566,117	544,697	535,457	602,705	606,768	669,470	671,047	676,331	683,179	780,318	858,066	1,036,633
U. Pennsylvania	9	642,180	707,051	669,970	636,589	620,396	611,620	655,791	669,911	688,313	717,359	721,308	792,089	873,318	936,469	1,018,602
Stanford U.	10	593,016	656,114	636,348	652,472	637,730	675,930	694,693	710,698	711,443	738,957	751,414	811,183	860,125	943,669	1,012,767
U. California, Los Angeles	11	538,521	563,560	539,054	501,368	465,170	489,404	487,869	487,846	576,076	600,714	655,030	721,043	848,138	878,571	980,183
U. Pittsburgh, Pittsburgh	12	594,675	662,471	637,857	622,232	582,136	561,210	580,650	617,884	649,166	677,559	689,273	724,993	814,647	916,735	967,978
U. North Carolina, Chapel Hill	13	545,993	600,843	606,348	623,237	610,664	585,758	632,426	676,282	701,169	720,613	706,145	747,895	827,158	907,710	949,913
U. Wisconsin-Madison	14	545,189	593,633	580,661	555,875	548,388	533,286	567,132	570,796	574,048	608,925	632,558	646,764	740,854	816,814	930,647
U. Maryland <sup>b</sup>	15	na	696,880	689,125	713,283	750,447	825,546	922,237								
Pennsylvania State U., University Park and Hershey Medical Center	16	464,750	468,705	531,421	558,871	520,574	513,410	538,938	538,164	565,348	600,489	638,930	622,532	681,159	781,303	858,666
Yale U.	17	475,794	519,844	518,184	503,227	480,384	477,143	503,221	541,608	552,242	576,776	585,170	647,656	689,270	741,198	845,058
Washington U., Saint Louis	18	468,642	469,490	441,406	411,299	419,122	432,228	442,335	474,446	506,006	543,508	559,882	606,127	681,353	758,464	821,852
Vanderbilt U. and Vanderbilt U. Medical Center	19	397,656	458,173	448,948	445,044	422,448	401,738	405,589	452,885	471,625	492,808	514,299	586,880	666,282	751,019	809,693
New York U.	20	260,463	302,221	316,208	300,730	330,484	344,570	350,355	391,144	416,143	436,850	448,850	547,027	668,381	787,204	805,148
Cornell U.	21	448,085	476,583	472,673	445,116	439,770	446,360	430,987	438,182	470,020	525,182	562,021	592,359	636,481	705,132	792,078
Ohio State U.	22	399,942	493,130	445,635	456,590	454,484	446,048	454,834	464,311	474,994	497,651	539,359	559,797	636,902	694,647	774,210
U. Minnesota, Twin Cities	23	426,359	489,480	485,462	494,206	489,767	476,029	469,260	456,443	464,300	494,549	514,092	570,946	652,384	702,483	748,229
Emory U.	24	336,986	369,982	361,165	365,121	330,378	348,071	361,288	382,177	393,647	424,461	452,636	515,940	568,149	664,370	744,597
U. Southern California	25	408,564	453,283	443,842	437,813	431,430	421,227	409,516	450,204	501,893	543,607	562,120	574,185	601,747	683,819	739,426
Northwestern U.	26	360,980	399,719	393,074	396,138	391,946	393,186	432,413	446,609	469,525	502,300	531,654	572,975	618,771	678,062	735,735
Icahn School of Medicine at Mount Sinai	27	302,770	296,835	271,722	277,517	300,667	329,641	342,104	367,522	398,656	443,745	480,452	554,582	610,646	658,916	693,444
U. Texas, Austin	28	350,308	355,437	354,873	372,633	332,758	346,215	357,309	396,447	405,131	407,981	500,409	489,827	536,296	621,223	690,835
Harvard U.	29	474,899	543,097	589,860	594,392	572,918	545,202	558,611	573,157	587,584	618,405	605,603	616,589	628,683	639,953	672,947
Massachusetts Institute of Technology	30	457,575	489,080	496,132	490,809	483,891	488,421	503,858	487,434	479,654	489,345	488,741	483,526	531,056	559,766	595,053
Texas A&M U., College Station and Health Science Center	31	288,173	291,812	269,460	314,104	311,920	304,437	293,551	307,656	333,768	359,609	517,489	528,057	505,355	546,481	582,674
U. Florida	32	279,649	306,349	305,067	296,199	289,327	287,230	307,140	327,288	355,517	387,906	397,202	423,154	467,739	529,391	581,252
U. Colorado Boulder	33	292,030	323,078	330,089	319,869	314,890	353,341	371,995	374,209	391,817	412,691	427,869	459,816	507,892	538,715	567,693
U. California, Berkeley	34	312,789	336,191	338,759	311,809	313,390	346,262	341,807	330,339	329,464	347,601	349,989	354,478	468,542	496,298	518,011
U. Illinois, Urbana-Champaign	35	303,852	323,454	359,989	468,798	343,275	338,178	335,056	358,905	353,710	382,206	387,853	406,612	420,953	460,491	511,574

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
U. California, Davis	36	332,325	362,976	358,577	347,038	330,367	326,039	339,209	342,407	360,018	374,707	380,965	373,719	468,468	494,847	505,442
U. Chicago	37	352,728	372,288	336,125	300,718	281,464	294,437	297,953	308,002	303,175	332,776	352,447	394,275	456,806	476,689	504,337
U. Colorado Anschutz Medical Campus <sup>c</sup>	38	na	363,999	429,949	474,523	498,397										
U. Alabama, Birmingham	39	325,103	344,164	306,210	290,082	280,333	328,531	348,632	358,916	373,360	398,403	400,110	423,290	421,223	451,880	498,148
Uniformed Services U. of the Health Sciences	40	72,125	117,781	102,134	119,647	213,389	299,007	175,007	204,241	218,702	297,808	235,202	275,573	194,187	403,671	482,223
Michigan State U.	41	214,134	240,837	268,952	260,610	261,826	272,838	310,225	343,751	328,618	331,148	329,748	349,889	381,504	435,564	474,762
U. Arizona	42	308,157	327,565	331,578	338,790	290,370	269,959	262,989	273,567	291,767	327,025	328,807	353,117	374,936	434,700	471,394
Case Western Reserve U.	43	333,689	353,470	359,000	349,487	329,320	308,434	321,214	326,643	349,177	357,549	357,589	340,438	380,423	431,736	466,362
Indiana U., Bloomington	44	71,208	74,143	79,727	85,852	84,592	210,899	221,801	245,155	249,243	308,586	319,039	326,326	360,300	432,223	456,845
Baylor C. of Medicine	45	284,072	295,529	268,753	285,230	264,641	256,895	267,849	292,806	300,098	309,354	315,101	365,472	420,054	440,345	453,738
U. Utah	46	227,021	264,234	273,150	301,045	288,514	274,375	233,652	248,908	307,844	302,585	314,023	340,434	367,040	416,079	453,025
Purdue U., West Lafayette	47	232,564	259,948	270,655	271,504	236,860	217,330	229,093	245,110	251,517	249,831	270,605	295,278	352,890	385,738	451,802
Boston U.	48	302,411	305,476	275,319	267,194	257,017	259,736	253,475	259,832	284,888	318,511	339,172	402,443	413,102	409,551	421,753
U. Cincinnati	49	262,513	287,182	267,691	258,460	245,086	251,717	231,817	242,237	250,202	252,892	285,899	309,097	350,392	391,943	411,205
Rutgers, State U. New Jersey, New Brunswick	50	224,894	239,908	279,161	295,028	360,157	323,675	321,432	340,801	350,912	297,609	311,743	339,015	351,660	400,930	408,320
Arizona State U.	51	172,202	185,766	194,376	201,363	196,270	196,528	212,396	227,621	254,384	267,087	278,150	274,541	309,094	340,880	396,431
U. Virginia, Charlottesville	52	228,917	252,928	240,254	225,567	205,865	203,401	210,980	228,910	250,168	276,335	300,348	297,273	332,993	354,748	394,731
Oregon Health and Science U.	53	247,054	268,777	242,337	246,491	247,740	245,509	232,688	245,199	264,492	298,227	321,572	329,016	346,724	374,043	389,585
U. California, Irvine	54	194,559	209,117	206,985	198,730	182,585	174,875	177,779	187,535	201,173	217,094	241,734	255,010	291,393	335,393	384,504
U. Rochester	55	322,048	337,907	308,115	299,553	266,767	262,681	266,322	267,860	285,330	306,551	296,241	309,647	334,503	368,190	376,088
Utah State U.	56	90,581	113,871	108,501	106,985	114,959	120,369	125,661	138,518	159,447	220,504	242,156	264,575	280,866	322,336	364,880
U. Texas Southwestern Medical Center	57	232,027	231,639	207,513	198,114	185,137	183,787	185,263	200,085	197,910	203,544	242,679	257,611	298,154	336,126	359,693
U. Iowa	58	282,465	283,627	269,734	255,329	235,527	225,587	237,743	238,842	246,117	252,563	259,639	283,763	314,346	331,824	338,639
U. Miami	59	197,824	225,352	224,172	205,870	203,751	193,606	195,328	194,385	192,598	212,023	224,184	231,001	265,212	291,783	322,331
North Carolina State U.	60	139,096	155,293	174,758	177,118	181,449	199,862	202,336	218,274	219,258	228,945	232,110	239,115	250,582	279,179	316,076
Virginia Polytechnic Institute and State U.	61	162,566	189,198	184,175	201,646	204,308	196,096	195,859	186,054	199,897	209,607	210,792	216,733	240,305	282,152	308,282
U. Nebraska, Lincoln and Medical Center <sup>d</sup>	62	na	280,120	301,070												
Colorado State U., Fort Collins	63	211,297	236,566	252,286	219,856	212,054	219,321	232,108	239,165	268,747	284,482	287,100	303,901	316,727	354,401	300,857
U. Illinois, Chicago	64	232,380	248,936	246,128	222,566	203,733	196,010	187,990	198,049	196,840	208,603	223,030	237,949	251,328	274,424	299,986
California Institute of Technology	65	328,522	342,945	326,701	282,823	279,515	272,673	265,206	277,358	280,451	287,198	316,519	293,197	326,401	310,519	298,754
SUNY, U. Buffalo	66	167,099	182,585	193,613	204,995	189,209	177,441	182,883	186,836	186,494	182,983	200,155	210,257	218,231	257,857	284,562
U. Texas M. D. Anderson Cancer Center	67	206,664	236,400	196,753	182,971	158,986	161,171	155,044	166,552	173,206	176,156	186,488	217,073	225,659	259,285	282,431
Carnegie Mellon U.	68	179,386	200,967	209,522	215,560	198,247	187,259	190,620	189,974	181,958	197,978	217,625	234,993	259,160	279,954	280,169
U. Kentucky	69	171,528	179,161	159,678	150,468	142,312	146,548	154,559	171,323	171,672	192,945	200,664	220,703	253,852	265,543	273,724
U. South Florida <sup>e</sup>	70	243,017	243,030	236,148	225,414	222,790	218,338	228,365	250,384	179,024	181,882	158,958	185,364	206,552	242,224	272,483
Scripps Research Institute	71	313,746	317,201	309,471	308,628	292,268	274,097	242,489	250,090	267,088	267,122	243,502	272,181	242,135	278,099	272,039
U. Georgia	72	119,486	137,255	137,710	131,824	126,164	132,118	143,886	158,229	148,543	159,948	171,351	188,451	220,343	221,804	255,117
Brown U.	73	127,087	128,628	131,994	126,559	129,248	132,142	136,931	145,556	164,452	178,460	185,676	198,574	215,067	239,744	253,661

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(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
U. Connecticut	74	132,169	144,280	153,264	148,651	144,104	137,980	146,390	145,637	144,048	159,220	164,848	183,362	230,752	238,701	253,110
Princeton U.	75	150,261	163,438	161,591	156,541	164,277	158,313	162,003	176,029	180,305	193,453	203,259	205,000	218,390	219,600	250,294
Woods Hole Oceanographic Institution	76	153,066	165,819	161,115	158,672	177,616	172,995	166,010	148,491	163,003	184,995	191,186	222,351	211,550	238,554	250,140
U. Kansas	77	147,598	162,721	171,043	174,021	165,442	155,835	140,002	148,178	155,147	169,694	185,007	187,249	200,117	211,111	245,710
Oregon State U.	78	135,886	146,882	156,446	149,396	145,247	153,017	158,142	163,479	171,805	168,571	167,494	179,180	192,621	222,169	244,264
Albert Einstein C. of Medicine	79	na	na	na	na	na	na	188,521	188,259	196,457	202,513	204,635	214,619	220,780	230,151	242,594
U. Missouri, Columbia	80	116,965	116,403	114,345	111,510	104,910	105,015	126,071	134,525	138,029	139,781	156,190	163,576	182,432	217,091	241,938
U. Dayton	81	73,540	70,996	65,169	67,698	66,318	77,973	100,955	118,452	132,358	153,328	154,101	181,445	203,206	216,729	241,753
U. Hawaii, Manoa	82	196,275	201,700	193,722	225,359	206,810	200,202	190,336	182,337	167,030	167,816	163,694	157,772	169,762	192,205	237,482
U. Massachusetts, Medical School	83	178,293	208,244	202,149	189,159	183,582	183,588	181,446	200,232	194,953	197,388	192,938	248,873	258,147	223,490	231,375
U. Delaware	84	105,454	118,673	117,072	119,756	116,340	114,245	113,217	117,813	118,573	133,020	144,142	157,725	194,775	202,469	229,392
U. Texas Health Science Center, Houston	85	150,324	156,790	146,424	144,235	136,145	125,890	121,098	124,461	128,232	132,647	133,624	165,139	184,205	197,759	227,118
U. Oklahoma <sup>f</sup>	86	105,366	118,970	133,841	132,456	118,925	127,709	134,772	133,177	149,317	164,855	183,728	193,639	210,994	219,964	225,360
Wake Forest U.	87	159,084	173,130	172,779	156,506	153,069	148,451	141,052	148,001	154,363	165,702	166,596	188,887	180,754	204,713	224,282
U. New Mexico	88	148,216	162,854	160,895	158,057	153,889	154,794	159,280	165,128	169,952	159,940	161,627	242,212	232,774	205,351	221,867
Washington State U.	89	113,452	123,502	129,255	134,329	126,955	134,889	136,646	152,843	151,133	158,982	154,623	179,536	187,580	207,086	221,721
Northeastern U.	90	59,074	67,938	77,667	85,170	79,666	80,576	81,124	93,572	114,711	126,762	136,273	143,421	150,093	186,013	218,650
Iowa State U.	91	109,461	117,522	118,242	121,993	116,273	114,518	125,397	128,221	147,679	147,866	165,912	169,177	187,156	195,394	216,003
Virginia Commonwealth U.	92	144,138	153,228	142,053	135,804	138,559	142,447	143,701	147,585	140,363	142,293	152,751	160,995	169,450	184,852	208,743
Florida State U.	93	134,794	140,850	140,419	148,413	151,701	139,597	126,289	134,278	147,184	149,784	162,296	150,108	163,744	195,323	204,544
SUNY, Stony Brook U.	94	120,146	125,102	123,383	118,513	111,683	115,150	118,549	125,688	136,241	144,618	146,478	162,972	184,154	192,448	186,497
Dartmouth C. and Dartmouth Hitchcock Medical Center	95	118,271	131,583	147,421	155,209	145,498	146,233	139,090	137,448	140,399	137,965	142,219	152,335	155,445	168,740	185,769
Wichita State U.	96	13,751	20,569	19,078	13,434	10,424	7,728	10,442	21,685	18,706	29,634	53,540	77,427	93,367	142,371	182,881
U. Tennessee, Knoxville <sup>g</sup>	97	96,972	111,942	112,471	117,836	112,201	105,417	109,722	117,097	117,776	123,434	138,402	135,202	149,260	153,637	180,010
George Washington U.	98	122,357	116,611	112,110	120,857	141,552	139,016	142,889	148,369	156,768	155,697	157,533	161,349	161,867	162,892	179,220
Medical U. South Carolina	99	131,650	143,464	136,907	127,472	118,649	117,255	124,212	134,072	142,639	153,226	153,802	162,394	163,395	168,957	173,379
U. California, Santa Barbara	100	129,457	136,244	136,352	132,960	121,045	116,232	116,775	117,457	113,388	118,517	123,198	122,168	161,241	179,896	171,188
Tufts U.	101	116,699	122,208	121,512	113,450	116,204	121,428	126,109	139,532	139,334	146,630	148,320	166,809	150,081	154,458	169,588
U. Alaska, Fairbanks	102	99,657	105,469	99,674	94,953	85,904	81,586	89,940	97,314	94,998	92,964	101,414	128,229	154,742	156,702	168,918
U. Texas Health Science Center, San Antonio	103	121,723	121,200	106,177	99,198	89,303	85,940	89,742	85,455	86,956	96,502	102,959	106,824	119,071	143,730	165,935
Florida International U.	104	62,580	65,446	69,402	72,357	78,961	76,528	76,127	71,579	85,541	96,912	103,366	105,309	129,683	156,381	165,202
U. Texas Medical Branch	105	128,840	128,098	109,867	108,287	101,761	98,050	100,464	104,458	104,356	107,806	114,103	117,915	123,467	150,272	161,678
Clemson U.	106	62,934	52,919	51,764	52,002	49,887	53,136	60,165	70,256	73,735	81,080	82,203	89,883	119,512	129,955	161,658
Mississippi State U.	107	106,324	98,998	96,689	74,075	71,715	80,097	87,277	87,928	89,012	104,738	120,616	116,713	138,207	150,804	161,636
Tulane U.	108	106,872	111,007	101,360	97,994	94,486	84,166	89,087	93,970	102,201	104,219	107,290	113,819	127,544	152,468	159,185
Temple U.	109	79,939	89,719	90,243	131,872	126,803	129,499	140,775	153,404	155,312	161,673	154,600	153,316	143,580	154,516	159,138
Montana State U., Bozeman	110	93,100	87,528	86,511	73,619	72,777	69,136	68,471	74,788	75,524	88,955	93,759	113,257	118,974	142,965	158,999

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Auburn U., Auburn	111	53,971	59,559	55,557	57,253	50,088	48,352	54,751	55,700	58,488	64,333	73,468	91,157	104,883	125,783	157,999
U. New Hampshire	112	84,553	106,806	119,451	102,053	101,125	92,040	93,599	92,338	95,807	90,241	100,373	99,323	129,721	152,377	151,886
Wayne State U.	113	132,166	134,735	126,915	119,520	113,618	109,586	111,532	109,421	111,018	118,043	113,137	117,976	126,814	128,521	151,878
Medical C. Wisconsin	114	121,750	133,929	125,325	116,765	111,241	109,542	108,529	108,276	111,273	119,036	128,783	136,385	152,301	155,403	150,035
George Mason U.	115	63,011	65,301	63,786	65,096	61,877	63,600	58,864	57,345	69,481	96,307	104,070	103,712	119,406	125,437	147,327
U. Massachusetts, Amherst	116	97,937	107,683	115,280	111,448	110,189	103,417	106,269	108,871	110,654	117,359	116,170	116,349	129,044	138,849	146,876
Georgetown U.	117	120,589	123,540	115,197	114,760	100,475	88,015	83,827	94,435	89,977	94,050	98,682	130,419	127,213	127,370	145,787
U. South Carolina, Columbia	118	125,501	103,296	98,836	91,612	91,890	90,453	93,885	96,048	88,602	102,992	90,243	88,529	106,752	124,330	144,878
U. Notre Dame	119	62,152	79,716	83,295	79,564	79,690	83,710	87,129	91,787	96,182	106,411	104,030	109,891	124,411	147,985	144,327
Louisiana State U., Baton Rouge	120	97,407	97,517	92,551	94,563	94,701	83,644	86,754	81,644	84,309	88,721	87,895	103,178	111,886	127,243	142,226
U. Vermont	121	98,635	101,471	87,843	85,118	79,743	83,733	83,124	78,394	86,940	90,405	97,981	103,554	117,163	128,645	138,601
U. Central Florida	122	69,331	69,098	78,411	76,533	70,716	88,814	87,417	89,904	97,539	99,310	101,332	109,310	110,131	124,256	135,779
West Virginia U.	123	79,415	88,419	82,149	74,704	69,165	68,731	72,751	72,767	76,527	82,353	79,657	89,802	97,327	114,708	129,896
Rice U.	124	69,395	78,730	76,964	80,075	73,965	74,266	83,273	84,469	78,175	83,584	88,768	95,648	105,345	119,853	127,615
U. California, Riverside	125	63,127	62,312	63,821	59,065	57,397	63,515	70,489	76,795	77,314	81,151	92,503	97,182	114,257	120,524	126,339
U. California, Santa Cruz	126	84,518	97,817	94,222	91,002	90,858	92,870	95,294	66,563	63,197	74,669	76,468	86,263	107,082	112,847	117,064
U. Alabama, Huntsville	127	73,075	72,665	78,528	85,738	75,343	67,451	69,824	68,609	74,650	85,211	104,288	116,971	132,060	126,040	115,434
Thomas Jefferson U.	128	77,817	80,027	68,976	56,247	54,676	58,536	58,866	62,029	64,869	74,816	74,676	109,448	114,452	110,366	113,022
U. Alabama, Tuscaloosa	129	26,364	32,999	33,023	28,375	26,161	28,988	28,425	27,692	30,447	37,916	43,017	53,880	67,986	86,244	112,199
U. Rhode Island	130	62,981	78,303	83,754	74,870	65,715	64,711	61,641	62,785	64,026	73,080	67,242	78,923	93,190	102,056	111,503
Rockefeller U.	131	88,705	97,710	84,616	80,384	81,820	81,949	80,667	86,763	87,231	84,566	86,280	96,318	94,693	101,422	110,292
Drexel U.	132	77,438	83,702	87,860	76,343	77,684	69,462	67,020	70,921	82,777	85,278	82,576	93,517	99,399	108,724	109,643
U. Oregon	133	76,378	84,997	86,316	75,423	74,603	69,723	66,850	69,598	71,568	80,083	81,278	82,242	97,238	100,265	105,290
SUNY, U. Albany	134	124,324	125,189	112,989	114,158	105,333	79,681	77,734	85,469	87,451	92,709	67,039	56,425	51,492	62,935	104,769
U. Houston	135	52,920	59,580	55,812	61,038	58,954	58,458	62,703	60,033	63,801	68,523	71,779	77,489	84,295	99,450	103,963
U. Arkansas for Medical Sciences	136	72,217	75,924	69,883	64,856	55,556	50,603	48,999	51,298	57,523	63,498	70,508	83,387	95,080	94,483	102,854
U. Mississippi	137	71,475	74,918	74,955	64,590	64,218	59,978	64,510	62,483	63,736	73,865	82,361	76,886	84,270	85,186	102,574
Rush U.	138	51,304	57,978	57,512	57,063	53,501	52,193	50,332	51,532	64,178	68,941	65,343	73,279	79,647	93,180	102,320
U. Maine	139	50,163	59,800	39,661	34,252	50,589	35,369	34,277	37,321	45,348	51,049	54,376	65,249	84,072	92,870	101,733
Georgia State U.	140	27,073	28,210	34,075	37,521	42,259	50,122	52,351	71,248	71,650	70,185	78,199	79,834	81,641	91,331	96,654
U. Arkansas, Fayetteville	141	33,674	37,587	34,189	30,625	26,111	34,288	40,642	46,490	52,937	50,875	47,454	48,534	64,252	82,164	95,784
U. Louisiana, Lafayette	142	12,881	14,659	13,848	11,090	10,666	15,799	16,893	23,895	28,874	34,400	40,044	65,436	77,110	84,898	94,237
U. Maryland, Baltimore County	143	59,448	61,172	45,014	44,662	47,538	47,954	50,984	52,014	53,522	56,993	59,391	59,882	65,368	86,573	91,886
New Jersey Institute of Technology	144	50,051	54,250	59,398	57,466	54,655	55,094	67,490	79,397	91,999	89,846	85,746	77,057	71,326	70,080	90,947
U. North Texas, Health Science Center	145	25,847	26,132	26,627	24,187	21,943	22,422	27,163	26,368	27,579	27,260	25,917	32,464	55,062	77,660	90,722
U. Louisville	146	93,260	96,010	89,976	78,144	65,849	68,345	72,644	72,119	80,511	87,563	88,251	97,179	117,363	100,890	89,978
U. Nevada, Reno	147	58,115	57,220	55,437	56,900	53,363	51,724	53,371	54,782	62,635	62,903	64,793	77,246	83,631	83,603	89,152
U. Montana, Missoula	148	40,760	38,565	35,984	34,021	30,319	33,718	38,753	44,534	54,708	55,566	62,067	70,686	73,507	75,490	88,952

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
New Mexico State U.	149	98,399	90,598	90,722	86,806	80,599	78,903	62,292	59,885	54,009	58,022	60,971	64,699	71,718	71,764	84,715
U. North Dakota	150	52,504	54,058	54,476	46,491	40,340	37,697	42,425	43,262	51,050	49,700	44,153	58,463	62,737	65,890	83,377
Kansas State U.	151	68,560	76,953	77,689	70,167	67,438	69,918	71,224	75,468	80,436	81,269	79,100	77,779	81,820	82,610	83,225
U. Texas, Dallas	152	30,754	33,216	35,297	33,920	32,699	31,068	35,451	36,097	40,046	48,466	55,983	58,249	60,706	66,127	82,438
Oklahoma State U., Stillwater	153	56,998	81,855	85,876	44,200	36,687	38,585	42,976	44,977	43,421	39,880	39,873	47,428	53,885	64,098	76,701
U. Texas, El Paso	154	34,617	35,399	40,024	38,253	35,304	41,897	42,423	44,811	44,352	41,261	39,126	43,930	60,387	70,873	74,836
San Diego State U.	155	56,504	64,056	56,797	51,274	50,542	46,870	44,495	39,417	39,453	39,515	41,117	43,473	55,671	68,045	74,414
U. Wyoming	156	45,323	48,932	57,441	53,971	42,280	48,970	63,951	56,410	42,595	52,082	57,353	54,444	68,772	68,467	73,731
Augusta U.	157	na	na	na	47,913	47,771	50,585	50,294	48,921	48,800	47,031	55,797	61,943	64,609	64,410	73,564
Colorado School of Mines	158	29,892	33,789	33,481	32,399	34,781	34,266	35,677	37,505	40,161	49,603	55,560	61,421	66,200	68,795	71,415
U. Tennessee, Health Science Center	159	52,652	51,842	48,473	42,269	41,830	39,356	38,374	39,138	39,421	42,396	48,264	56,021	60,221	70,676	64,800
Texas Tech U.	160	35,970	35,191	29,969	28,827	33,137	32,987	32,405	31,347	31,357	35,136	31,475	33,938	45,136	58,922	62,892
U. Texas, Arlington	161	31,628	30,659	33,150	30,815	24,857	27,712	26,664	33,111	36,027	41,764	44,950	46,946	56,025	56,337	62,500
Northern Arizona U.	162	15,070	17,765	16,015	15,638	18,209	20,285	23,442	26,035	29,648	35,980	39,387	41,744	43,453	50,491	62,399
Naval Postgraduate School	163	93,605	94,278	127,049	91,134	96,573	78,780	56,045	47,082	44,140	54,358	51,870	54,855	44,852	62,715	62,115
U. Idaho	164	46,303	54,243	55,115	53,986	50,638	50,559	51,295	50,935	51,172	51,529	51,450	51,021	56,160	61,531	61,960
Rensselaer Polytechnic Institute	165	54,847	59,284	62,341	60,870	59,070	59,528	52,163	51,130	50,120	50,448	52,150	52,465	50,605	56,445	61,359
U. Texas, San Antonio	166	28,717	31,972	32,672	29,078	23,066	23,511	25,813	29,947	29,824	34,588	34,334	42,952	54,384	58,171	60,101
U. Massachusetts, Lowell	167	25,550	27,960	26,786	27,360	28,654	31,059	27,694	29,471	30,086	35,309	41,304	48,179	62,195	61,413	59,711
Stevens Institute of Technology	168	29,370	32,570	27,420	24,812	23,656	25,980	28,999	26,855	26,281	28,342	33,461	33,998	41,836	44,036	59,605
Cold Spring Harbor Laboratory	169	ne	51,529	43,874	41,002	41,845	49,063	50,478	54,260	67,139	73,854	62,215	56,907	59,163	54,123	58,273
North Dakota State U.	170	51,883	53,451	46,490	38,453	36,277	35,482	35,590	34,923	35,122	35,322	31,614	42,824	45,343	53,339	57,705
New Mexico Institute of Mining and Technology	171	42,243	37,316	29,894	23,581	33,245	20,018	17,017	18,358	19,560	22,864	22,922	24,900	72,594	100,873	57,649
Florida A&M U.	172	45,856	44,905	42,937	39,675	36,570	36,975	37,363	30,383	32,422	35,362	33,136	36,761	41,943	54,363	57,545
Michigan Technological U.	173	27,676	32,724	33,189	32,086	30,588	28,692	29,774	28,483	32,606	34,709	36,172	41,505	48,766	52,102	55,980
Howard U.	174	33,017	36,060	37,690	33,966	32,663	38,820	33,441	34,762	33,602	29,978	29,256	35,443	37,331	47,662	55,361
Syracuse U.	175	33,796	33,850	33,156	27,729	29,404	32,378	36,106	39,781	39,538	37,803	31,861	34,200	33,976	46,595	55,174
Cleveland State U.	176	25,024	42,575	46,645	50,243	44,233	41,851	49,925	52,541	55,468	51,475	53,756	47,402	53,395	56,550	53,415
U. Southern Mississippi	177	37,054	40,984	37,524	28,694	26,163	25,005	25,482	27,661	31,815	46,924	42,870	44,401	48,368	48,374	53,044
U.S. Air Force Academy	178	49,711	62,118	43,431	45,169	34,669	30,637	46,958	40,062	27,973	35,294	33,554	31,818	35,826	44,056	51,933
Texas State U.	179	8,904	10,319	11,950	14,908	14,243	18,289	21,049	25,132	30,314	29,614	26,950	31,116	38,936	44,297	48,686
Brandeis U.	180	43,669	48,235	44,532	45,337	47,532	47,841	48,273	46,108	38,632	41,475	41,440	43,471	44,205	46,654	48,548
U. Puerto Rico, Medical Sciences Campus	181	29,813	54,381	35,173	31,037	30,197	31,889	33,348	29,869	30,597	34,570	27,033	33,262	35,050	46,789	47,952
Boston C.	182	33,290	31,953	30,855	27,975	25,115	23,352	27,033	30,448	30,541	32,475	31,038	34,257	36,560	39,356	47,731
U. Nevada, Las Vegas	183	32,441	30,457	25,068	24,502	26,950	27,493	25,613	29,172	33,727	28,381	29,252	27,178	28,867	38,815	46,258
Lehigh U.	184	23,721	22,390	23,312	24,831	24,271	22,910	21,429	25,228	25,834	26,554	26,816	29,051	36,535	39,909	44,797
North Carolina A&T State U.	185	23,883	22,652	22,477	21,663	23,373	22,413	21,112	24,496	24,874	23,863	22,338	25,755	29,094	37,152	44,751
U. North Carolina, Greensboro	186	19,477	20,868	16,530	13,658	13,489	14,978	17,902	17,354	17,016	18,923	20,447	24,423	29,822	39,139	44,726

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Rochester Institute of Technology	187	23,254	20,396	19,394	18,379	19,465	20,147	26,149	27,311	25,990	26,359	28,092	31,187	33,373	37,334	44,203
Air Force Institute of Technology	188	15,474	20,196	19,579	18,739	16,782	16,727	19,796	25,588	23,393	21,856	22,854	27,025	32,479	45,087	44,128
Saint Louis U.	189	33,728	38,323	35,873	31,645	30,071	27,580	26,813	27,436	28,121	34,275	34,419	41,411	42,170	44,157	43,867
U. North Texas, Denton	190	14,444	14,754	18,043	16,515	16,318	15,470	12,621	15,668	19,026	17,345	13,653	18,702	23,056	30,017	43,136
Morehouse School of Medicine	191	25,855	28,128	31,786	34,511	33,020	30,012	28,678	28,792	24,326	22,461	22,500	25,181	31,339	41,069	42,379
U. Toledo	192	38,389	44,881	41,072	40,497	34,684	27,085	27,802	24,167	25,323	28,273	27,770	32,601	36,694	37,872	41,525
William & Mary	193	27,685	30,361	32,526	31,628	33,320	33,129	34,133	32,760	33,503	31,983	30,436	29,928	33,730	32,631	41,488
Indiana U.-Purdue U., Indianapolis	194	148,672	156,607	166,825	152,578	143,386	18,479	19,954	20,035	22,834	27,349	31,862	30,290	29,353	39,869	41,004
Worcester Polytechnic Institute	195	13,582	15,714	12,968	17,003	19,643	26,327	25,976	19,566	18,635	22,964	26,074	30,166	34,004	37,736	40,768
Catholic U. of America	196	15,878	19,890	17,608	17,310	17,205	19,900	19,928	19,857	20,749	21,642	22,503	23,128	26,285	35,502	40,655
U. California, Merced	197	9,392	10,140	11,052	10,983	10,509	12,648	12,206	14,923	14,385	16,850	20,000	18,621	23,421	28,576	39,951
U. Denver	198	13,364	14,042	11,779	15,089	14,202	12,048	11,029	11,648	15,713	22,012	24,753	23,415	26,040	33,148	39,622
CUNY, City C.	199	32,900	40,595	39,572	40,094	40,095	38,434	37,525	35,429	36,866	33,065	30,106	34,218	38,596	38,669	38,727
Boise State U.	200	14,614	18,811	20,070	16,117	15,746	18,296	16,953	19,806	24,918	24,493	26,914	31,357	32,015	35,801	38,325
SUNY, Upstate Medical U.	201	27,959	28,663	27,013	23,730	21,334	19,213	18,942	19,991	20,391	22,028	23,940	24,974	27,737	30,069	38,105
Missouri U. of Science and Technology	202	28,239	27,961	23,731	25,571	21,811	17,632	18,833	19,567	21,835	22,426	22,860	26,164	28,792	32,457	38,058
San Jose State U.	203	24,292	26,389	24,153	27,780	32,901	33,782	31,318	31,396	33,886	35,143	34,102	30,877	30,984	31,780	37,503
Morgan State U.	204	10,039	9,884	15,408	13,357	14,144	12,805	14,343	13,328	11,603	11,952	14,101	16,319	24,670	30,451	37,110
South Dakota State U.	205	38,368	41,904	41,975	33,231	29,524	28,670	29,633	28,003	27,129	29,683	22,531	18,607	22,991	28,897	36,703
Loyola U., Chicago	206	28,995	28,633	28,530	33,074	31,189	28,200	25,363	23,324	21,994	23,562	24,018	26,793	26,972	29,712	36,481
U. North Carolina, Charlotte	207	17,284	15,930	19,230	20,994	19,069	19,132	20,269	20,462	22,386	26,199	27,618	27,145	26,871	33,784	36,444
Portland State U.	208	36,996	41,580	42,662	40,377	33,523	29,987	32,021	32,727	31,234	33,055	31,315	29,842	30,922	31,731	35,955
Florida Atlantic U.	209	17,268	15,579	17,226	13,555	13,234	11,574	15,356	17,172	18,771	21,667	23,695	28,510	28,641	35,108	35,414
Louisiana State U., Health Sciences Center, New Orleans	210	46,142	45,581	40,637	36,886	34,637	36,027	31,526	28,018	26,988	31,290	31,381	34,272	33,087	35,933	35,394
Touro U., New York <sup>h</sup>	211	ne	0	53	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	40,008	35,150
U. Texas Rio Grande Valley	212	na	na	na	na	na	na	16,892	14,808	13,330	13,629	13,093	13,018	18,317	25,068	35,014
U. Memphis	213	20,654	20,348	22,142	18,619	21,898	18,825	18,098	18,185	25,166	18,370	18,063	21,578	24,686	26,913	34,728
U. South Alabama	214	14,730	16,758	13,816	13,743	14,353	15,106	17,628	16,627	15,098	19,947	21,825	23,758	23,762	28,637	32,361
Old Dominion U.	215	34,687	39,534	38,555	39,963	41,270	40,002	39,743	42,412	32,584	31,355	30,330	25,514	27,804	31,104	32,045
Illinois Institute of Technology	216	28,349	34,858	27,767	28,319	25,679	25,826	23,821	26,330	28,265	28,827	24,244	24,762	25,963	28,027	31,996
Van Andel Research Institute	217	ne	ne	ne	ne	ne	8,138	11,970	13,108	14,285	18,259	18,538	22,231	29,424	30,934	31,791
SUNY, Binghamton U.	218	20,979	21,244	21,162	17,715	14,843	16,171	18,562	20,639	23,392	24,213	24,564	23,225	24,888	31,601	31,348
Brigham Young U., Provo	219	22,115	24,273	22,069	23,639	24,490	24,250	28,453	26,441	23,892	23,901	24,632	30,439	31,636	31,216	31,324
East Carolina U.	220	16,113	19,675	17,838	18,227	17,409	15,079	13,073	11,526	12,611	17,428	20,168	22,813	29,648	30,851	30,338
Mercer U.	221	18,778	17,904	19,963	19,411	19,666	21,563	21,120	19,772	18,999	27,035	31,572	34,413	32,504	29,944	28,732
U. Massachusetts, Boston	222	24,527	26,958	33,275	24,924	27,715	28,653	30,608	29,934	30,412	25,083	27,575	23,673	23,131	27,098	28,676
Delaware State U.	223	10,154	12,822	11,305	11,837	12,464	12,091	15,260	14,693	13,007	12,179	14,319	16,460	24,361	24,167	28,488

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SUNY, Downstate Health Sciences U.	224	25,023	33,964	34,884	31,972	25,802	20,779	25,941	22,496	26,302	26,914	26,454	27,620	25,081	28,543	28,276
Embry-Riddle Aeronautical U.	225	8,241	11,444	14,048	11,456	13,030	10,049	14,135	10,525	12,661	8,970	11,542	14,859	23,863	23,733	28,014
U. Wisconsin-Milwaukee	226	29,042	30,479	28,862	26,450	25,377	25,587	25,651	23,916	24,612	23,342	25,354	24,397	24,036	25,612	27,698
U. Missouri, Kansas City	227	16,391	18,988	17,522	15,774	15,178	13,327	13,081	11,296	10,596	18,624	22,320	21,203	31,134	28,115	27,638
Ohio U.	228	18,466	23,051	20,780	20,203	16,597	17,303	14,678	16,393	13,961	14,802	15,543	19,164	20,587	21,919	25,975
U. Nebraska, Omaha	229	6,014	6,333	5,980	5,693	5,687	6,066	7,180	7,486	7,939	8,807	9,996	13,503	17,301	22,096	25,294
Desert Research Institute	230	28,307	28,489	27,294	22,814	19,932	16,511	18,883	18,839	17,911	16,745	15,791	16,641	17,341	20,061	25,072
California State U., Long Beach	231	12,731	12,055	11,379	10,701	7,879	6,198	11,176	13,085	14,021	13,579	12,014	11,178	11,739	13,758	24,285
Marquette U.	232	9,381	11,291	9,968	8,756	8,191	9,320	10,298	10,111	10,672	12,792	13,187	13,918	15,316	20,055	23,110
Baylor U.	233	2,947	3,704	3,513	3,510	4,062	3,878	4,244	5,265	5,782	6,955	8,851	11,025	15,856	17,147	22,685
CUNY, Hunter C.	234	18,498	22,901	24,265	22,512	19,268	19,193	20,037	18,705	21,766	23,485	26,025	23,166	21,142	22,124	22,412
Southern Methodist U.	235	13,312	18,502	16,640	14,274	20,611	14,324	15,587	14,464	13,439	17,869	17,752	17,886	17,680	19,986	22,054
Eastern Virginia Medical School	236	29,291	25,319	24,694	28,728	28,532	28,637	21,459	21,209	21,356	19,408	15,748	14,774	17,616	17,947	21,658
American U.	237	8,841	9,208	7,515	10,421	9,427	9,449	9,554	8,800	13,013	15,229	16,123	12,076	14,752	17,462	21,538
Marshall U.	238	18,218	21,852	13,154	13,472	12,712	11,154	9,158	9,064	8,584	9,617	11,078	12,854	16,369	19,797	21,348
Rowan U.	239	2,062	2,108	2,349	1,926	4,591	4,674	5,252	7,110	9,602	12,064	15,551	17,400	18,613	18,454	21,291
U. Guam	240	4,962	5,391	5,448	5,554	6,599	5,586	6,621	8,067	8,597	9,339	9,722	14,316	17,066	18,992	20,986
Texas A&M U.-Corpus Christi	241	7,869	7,506	5,446	6,129	7,176	9,491	8,669	10,259	12,815	14,451	13,349	10,967	15,229	17,742	20,750
U.S. Military Academy	242	22,146	13,799	12,227	11,630	14,819	15,312	13,500	13,430	13,393	10,528	8,406	13,708	19,708	19,390	20,577
Jackson State U.	243	39,457	43,001	39,511	29,700	21,677	19,656	20,854	20,136	17,385	16,259	13,662	14,038	15,045	16,443	20,528
Tennessee State U.	244	7,414	8,369	10,240	9,872	12,016	11,145	12,291	10,557	10,291	8,962	19,272	15,066	10,859	15,983	20,520
Tuskegee U.	245	12,309	12,397	12,633	16,789	14,145	12,267	10,388	10,388	10,388	14,825	15,122	15,424	14,911	16,023	19,906
Meharry Medical C.	246	24,302	26,779	23,467	21,135	17,754	13,068	13,528	15,613	14,515	16,443	12,573	13,784	15,048	18,398	19,809
U. Puerto Rico, Rio Piedras	247	21,717	24,887	25,407	17,946	18,262	18,922	15,892	11,512	10,028	13,943	14,071	15,108	16,905	16,053	19,254
CUNY, Queens C.	248	13,642	15,573	14,897	15,443	16,460	14,080	14,275	11,884	12,390	13,457	12,726	12,386	14,756	17,811	19,019
Prairie View A&M U.	249	8,623	11,058	10,569	9,077	8,278	7,994	7,952	8,722	8,421	9,346	9,249	9,566	11,665	12,354	18,433
U. Colorado Denver <sup>c</sup>	250	na	11,866	12,668	17,181	18,293										
Southern Illinois U., Carbondale	251	22,209	23,696	22,055	18,398	16,288	14,895	14,574	13,421	12,733	12,625	12,735	12,655	13,582	17,209	18,282
Kent State U.	252	14,586	15,085	14,882	11,506	11,181	11,158	10,013	10,524	11,118	13,350	15,004	15,179	16,195	17,959	18,251
Louisiana State U., Health Sciences Center, Shreveport	253	13,890	15,316	13,504	11,753	8,490	6,321	6,478	7,055	9,235	12,185	11,452	12,359	15,503	18,742	18,040
South Dakota School of Mines and Technology	254	25,172	28,105	14,480	7,853	7,078	9,286	10,370	10,639	10,240	9,283	10,659	11,587	15,100	14,640	18,006
U. West Florida	255	11,038	13,156	12,858	12,927	11,593	10,935	9,841	10,127	8,634	11,506	12,369	13,313	17,114	17,954	17,226
Rutgers, State U. New Jersey, Newark	256	12,631	18,226	20,588	16,295	12,520	12,611	13,737	16,617	17,516	15,397	16,196	16,281	16,099	16,315	17,099
U. Puerto Rico, Mayaguez	257	12,735	18,568	19,949	14,414	14,162	15,700	14,446	13,604	14,111	15,653	15,842	13,073	16,223	12,260	17,027
CUNY, Graduate School of Public Health and Health Policy	258	na	5,080	5,572	8,722	12,254	11,880	13,413	16,788							
California State U., Northridge	259	17,213	19,769	24,837	7,906	11,309	12,060	13,442	14,756	15,892	16,939	17,261	13,989	15,546	19,169	16,778

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024								
Texas Tech U., Health Sciences Center	260	12,950	14,790	13,944	14,820	9,853	10,251	10,384	9,143	7,546	11,345	13,043	12,148	14,620	14,732	16,721								
U. Maryland Center for Environmental Science	261	12,123	18,007	16,081	16,852	13,202	14,096	13,957	15,069	15,008	17,476	15,498	14,072	15,109	15,378	16,689								
San Francisco State U.	262	15,601	17,337	17,075	19,024	17,129	14,336	12,804	14,817	14,388	15,675	15,834	i	15,993	15,276	16,033								
Wright State U.	263	24,785	27,422	25,552	26,888	27,838	26,931	30,162	35,533	43,644	41,428	35,321	19,617	20,529	19,081	15,597								
Charles R. Drew U. of Medicine and Science	264	20,430	20,679	19,733	17,144	19,412	12,992	12,089	14,461	10,198	10,427	9,863	9,945	10,656	13,297	15,475								
CUNY, Advanced Science Research Center	265	na	na	na	na	na	257	ne	2,355	4,027	6,859	9,208	11,840	12,580	11,916	15,129								
U. Massachusetts, Dartmouth	266	12,236	13,657	10,979	8,860	8,549	7,321	6,548	7,370	7,156	7,353	6,506	8,223	11,162	13,742	14,803								
Texas A&M U.-Kingsville	267	7,088	6,280	6,480	7,002	8,678	7,080	7,475	7,869	7,459	8,419	9,610	9,265	8,225	9,584	14,728								
Tennessee Technological U.	268	7,490	6,397	4,674	3,999	3,725	3,578	4,076	4,969	5,390	6,153	6,471	7,625	8,156	9,975	14,602								
U. Hawaii, system office	269	ne	12,328	12,052	13,367	12,688	12,511	14,150	14,534															
Nova Southeastern U.	270	5,718	6,904	6,653	5,379	5,992	5,896	7,381	7,979	7,853	8,965	10,452	10,386	9,314	11,637	14,369								
California Polytechnic State U., San Luis Obispo	271	11,637	8,658	10,125	10,280	9,087	9,796	11,276	10,535	9,613	9,720	10,178	11,163	15,084	14,810	14,234								
U. Alaska, Anchorage	272	9,368	9,858	10,760	9,686	7,824	8,575	11,867	12,681	13,597	14,219	15,290	15,079	15,249	12,646	14,204								
Northern Illinois U.	273	17,334	11,807	12,861	12,415	9,174	9,158	9,957	7,947	8,903	8,610	8,030	9,080	9,840	10,849	14,151								
Montana Technological U.	274	5,321	4,999	3,293	3,507	3,202	3,420	3,916	5,019	4,691	4,926	4,322	6,133	5,600	9,585	13,993								
Loma Linda U.	275	29,284	32,187	24,884	26,253	19,088	21,082	16,118	15,192	13,923	i	12,654	i	11,385	i	10,116	9,134	12,485	13,846					
U. South Dakota	276	16,467	14,490	14,088	15,274	12,162	9,214	8,832	11,134	12,523	13,367	13,034	11,664	13,702	14,101	13,807								
Oakland U.	277	7,130	9,178	9,185	7,605	6,885	6,161	6,198	6,418	5,777	6,690	5,068	7,426	9,533	9,600	13,684								
Missouri State U.	278	6,071	4,764	3,697	3,132	3,132	3,165	2,675	2,770	3,995	5,076	12,310	8,931	10,084	12,973	13,473								
U. of the Virgin Islands	279	28,369	16,338	22,605	15,627	14,992	19,456	20,951	10,968	10,852	10,445	11,787	13,099	19,127	19,127	13,422								
Teachers C., Columbia U.	280	6,533	8,526	10,173	8,494	8,909	12,775	11,635	10,194	8,925	8,054	7,614	8,521	10,177	11,871	13,361								
Clarkson U.	281	9,573	9,531	7,061	5,283	5,476	5,440	6,183	6,819	8,203	8,551	7,095	7,246	8,834	10,611	13,293								
Illinois State U.	282	5,442	4,586	3,833	3,902	5,213	4,424	5,630	5,355	6,312	9,827	8,719	9,787	8,673	13,612	13,132								
U. Akron	283	12,107	12,962	16,768	19,658	20,263	14,676	25,433	16,395	12,470	11,796	10,574	9,024	11,036	10,709	12,910								
Xavier U. Louisiana	284	5,669	6,673	7,177	5,856	7,078	7,735	10,503	10,939	10,165	8,679	9,680	11,213	11,733	12,833	12,892								
Creighton U.	285	11,850	14,140	14,270	13,569	11,690	9,359	10,619	7,946	5,721	8,265	7,583	8,585	12,022	12,681	12,815								
Albany Medical C.	286	15,758	13,884	11,845	10,278	9,716	9,481	10,714	11,040	10,243	11,827	12,940	13,166	13,384	14,193	12,760								
Alabama A&M U.	287	22,154	22,120	i	22,086	i	22,052	i	22,018	i	21,982	18,556	i	15,130	i	11,704	i	8,277	5,643	7,432	i	9,221	12,197	12,701
North Carolina Central U.	288	6,870	9,496	11,076	8,253	9,757	10,874	10,455	11,977	12,947	13,503	12,787	10,676	13,709	12,975	i	12,241							
Texas Southern U.	289	5,240	4,899	4,924	4,741	3,512	3,458	3,269	3,674	2,839	3,238	6,249	5,562	7,550	10,969	12,131								
Western Michigan U. and Homer Stryker M.D. School of Medicine	290	19,738	18,736	14,378	12,322	11,334	11,869	12,287	10,565	10,828	14,399	13,187	13,944	12,895	12,631	11,928								
Winston-Salem State U.	291	ne	1,179	1,977	841	ne	ne	1,356	1,575	1,629	2,011	4,498	4,841	8,903	7,901	11,818								
U. Maryland, Eastern Shore	292	8,583	8,587	6,965	8,511	8,902	9,284	7,853	7,265	4,890	6,983	8,084	8,346	9,062	10,201	11,752								
Central Michigan U.	293	2,536	4,841	5,055	5,464	6,187	5,464	5,387	5,557	7,130	8,100	7,450	6,919	9,773	9,591	11,541								
New York Medical C.	294	21,095	21,013	16,471	13,806	11,421	11,326	10,772	9,000	8,141	11,061	12,106	10,739	9,070	8,226	11,490								
Chapman U.	295	1,871	1,576	1,733	2,379	2,373	2,790	3,357	3,598	4,057	5,738	7,850	8,574	11,098	10,015	11,392								
East Tennessee State U.	296	6,272	7,705	8,052	6,909	5,484	5,135	5,658	5,933	7,168	7,688	7,329	8,358	9,715	10,776	11,338								

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Florida Gulf Coast U.	297	9,542	10,328	5,146	4,800	4,609	4,501	4,442	3,746	3,164	3,773	5,304	4,467	6,482	9,858	11,117
Miami U.	298	13,591	13,210	13,418	12,676	12,048	10,008	9,189	9,093	9,627	9,755	10,473	9,412	10,277	10,724	11,085
U. Tulsa	299	7,126	7,970	6,782	6,279	5,773	6,384	6,426	5,905	4,615	4,142	4,697	5,876	5,893	8,545	10,777
Florida Institute of Technology	300	9,175	7,637	7,500	7,543	8,581	8,315	9,500	8,465	8,511	10,352	10,999	13,049	10,970	11,520	10,759
California State U., San Marcos	301	4,106	4,827	5,548	6,271	6,091	4,573	5,273	5,594	7,497	9,134	11,547	8,831	7,986	9,845	10,758
California State Polytechnic U., Pomona	302	2,563	2,978	2,635	2,996	2,165	1,881	2,199	3,231	4,297	3,555	5,514	4,396	5,407	8,162	10,621
California State U., Sacramento	303	5,829	6,965	5,663	7,546	5,241	5,697	5,619	6,894	6,392	5,801	5,693	5,582	6,646	11,284	10,567
Louisiana Tech U.	304	10,806	11,952	9,835	8,881	7,742	5,776	5,455	5,608	5,801	6,564	7,167	6,428	5,734	8,118	10,178
U.S. Naval Academy	305	10,750	10,243	9,322	10,482	10,416	8,978	11,016	12,963	13,331	12,991	12,577	10,247	10,147	10,260	10,172
Alcorn State U.	306	9,256	8,655	8,598	8,321	7,447	6,784	6,387	8,634	7,372	7,540	7,023	7,593	9,294	10,996	10,148
Clark Atlanta U.	307	7,229	7,040	8,447	7,576	7,241	7,455	6,048	5,811	5,634	5,689	5,324	5,355	5,895	7,687	10,028
Villanova U.	308	6,367	6,817	5,518	4,218	5,008	4,572	4,334	4,048	3,968	4,085	4,921	5,826	6,476	8,741	9,754
Hampton U.	309	14,455	12,292	15,356	12,620	11,153	14,735	14,201	16,249	14,170	13,390	11,278	11,517	11,274	9,445	9,710
U. Arkansas, Little Rock	310	7,571	8,615	8,104	6,848	5,188	4,259	4,934	4,756	5,764	6,688	7,289	6,939	6,675	7,544	9,624
California State U., Los Angeles	311	7,234	8,426	6,847	7,065	4,923	4,291	3,804	6,612	8,586	9,288	8,380	7,342	8,605	8,973	9,598
U. North Carolina, Wilmington	312	14,364	14,218	11,571	9,133	6,063	5,819	5,966	5,990	5,732	7,174	6,783	6,852	7,178	8,116	9,547
California State U., East Bay	313	643	921	536	310	ne	ne	479	ne	ne	ne	2,348	3,289	8,997	8,508	9,172
Northeast Ohio Medical U.	314	4,009	4,081	3,816	5,244	6,582	7,607	9,181	10,043	9,743	10,107	10,684	9,999	9,400	8,873	9,018
U. Minnesota, Duluth	315	6,441	8,564	7,597	7,264	5,940	10,025	8,055	6,033	5,520	7,143	6,454	5,325	6,122	7,533	8,999
Duquesne U.	316	5,904	5,991	5,723	4,343	4,670	5,004	5,809	5,759	5,762	4,552	4,981	5,020	6,309	6,555	8,989
Idaho State U.	317	14,645	17,149	16,095	13,206	11,091	11,738	11,926	11,184	10,081	7,547	7,849	7,216	9,080	9,230	8,964
Western Washington U.	318	4,594	4,661	3,891	3,789	4,039	4,546	4,701	5,271	4,393	3,978	4,140	6,481	6,471	7,478	8,949
South Carolina State U.	319	6,334	8,630	10,926	8,770	6,614	4,456	4,556	14,300	14,938	3,659	4,076	4,493	4,910	5,330	8,936
Texas Christian U.	320	3,373	3,924	4,998	5,870	5,779	4,732	3,617	4,035	3,198	2,866	3,168	4,448	5,670	7,627	8,818
MGH Institute of Health Professions	321	ne	408	ne	ne	ne	3,766	2,228	1,839	2,957	3,494	3,014	2,500	4,628	6,200	8,800
U. Texas Health Science Center, Tyler	322	ne	ne	ne	ne	ne	3,713	3,757	5,792	6,438	7,084	7,732	12,007	14,362	12,555	8,444
Bowling Green State U.	323	4,963	6,164	7,005	9,323	6,576	5,544	6,229	6,395	6,056	5,852	6,397	7,263	7,918	8,208	8,204
SUNY, C. of Environmental Science and Forestry	324	8,907	8,732	8,557	8,382	5,564	7,784	8,313	7,730	6,873	7,743	7,809	6,979	7,766	9,231	8,133
Rosalind Franklin U. of Medicine and Science	325	8,350	9,317	10,084	11,202	9,754	9,368	8,478	8,828	9,249	8,865	8,504	9,357	7,292	7,124	7,989
Kennesaw State U.	326	1,246	1,054	2,214	3,374	1,413	2,329	1,925	2,085	2,343	2,499	1,983	3,104	3,290	5,908	7,668
Langston U.	327	3,313	3,778	3,957	4,153	5,816	5,621	9,178	8,326	7,474	6,622	9,004	3,089	3,616	5,473	7,583
Montclair State U.	328	1,876	2,629	3,593	3,410	2,533	2,716	2,649	2,163	3,505	4,164	3,782	4,146	5,189	5,916	7,489
U. Wisconsin-Superior	329	5,197	5,638	5,302	ne	1,949	ne	ne	ne	1,924	1,527	1,382	1,843	3,635	3,559	7,452
CUNY, John Jay C. of Criminal Justice	330	3,418	4,086	3,921	3,546	3,214	3,392	4,625	4,826	5,896	4,971	5,297	3,519	5,777	7,452	7,340
Western U. of Health Sciences	331	885	914	1,300	1,163	1,545	1,206	2,391	2,725	2,755	3,035	4,486	5,620	7,131	6,099	7,285
Kentucky State U.	332	3,501	3,146	4,924	3,906	4,335	4,590	5,146	5,382	5,618	4,692	4,456	3,716	4,743	7,605	7,244
California State U., San Bernardino	333	3,394	9,953	7,251	6,190	6,414	5,959	6,348	6,565	7,920	8,651	5,886	5,867	6,693	7,606	6,998
Fordham U.	334	4,132	3,925	4,187	4,874	4,258	3,969	5,979	5,761	4,973	4,218	3,831	4,076	4,856	4,687	6,944

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Ball State U.	335	3,988	3,064	3,320	2,440	1,971	2,291	3,253	2,531	3,028	2,929	2,397	2,469	5,302	6,355	6,935
U.S. Army War C.	336	ne	ne	ne	ne	ne	ne	ne	ne	ne	4,418	ne	4,662	5,496	6,035	6,793
Virginia State U.	337	5,552	6,035	6,999	6,212	5,424	4,951	5,204	4,779	5,655	6,636	5,642	4,846	7,115	7,166	6,684
U. of the District of Columbia	338	1,946	2,313	2,430	2,168	1,627	1,434	2,451	2,659	2,021	3,283	2,664	6,851	9,859	7,367	6,253
Fort Valley State U.	339	4,586	3,452	3,334	3,329	4,249	4,079	4,844	5,068	3,700	4,434	4,806	4,429	7,265	7,505	6,246
California State U., Fresno	340	3,424	3,795	3,532	2,682	2,921	3,573	3,539	3,511	3,969	2,900	3,117	4,101	5,928	4,864	6,203
Oklahoma State U., Center for Health Sciences	341	817	377	83	61	31	321	748	1,055	1,021	985	2,618	2,304	3,366	4,773	6,186
Sam Houston State U.	342	5,066	3,855	2,717	2,360	2,209	1,491	1,830	1,872	2,200	3,723	4,764	5,632	4,936	3,307	6,089
U. Colorado Colorado Springs	343	6,699	5,805	3,540	3,407	4,018	4,244	3,976	4,525	4,094	3,072	3,508	3,942	5,345	5,205	6,025
U. Hawaii, Hilo	344	12,265	7,150	20,726	15,391	8,603	12,772	9,402	5,461	5,264	4,924	5,274	5,510	5,292	6,068	6,015
U. New Orleans	345	19,244	19,000	14,521	11,051	9,490	7,492	6,826	5,568	5,258	4,353	3,868	3,674	8,270	5,283	5,950
Morehouse C.	346	7,857	8,460	9,063	9,226	6,919	5,944	4,301	3,667	4,531	4,494	4,825	4,533	5,664	5,750	5,903
U. New England	347	2,829	3,242	3,359	4,271	4,789	4,862	5,298	5,918	4,976	5,269	5,064	3,864	3,660	4,777	5,893
Southern U. and A&M C., Agricultural Research and Extension Center	348	ne	4,049	5,926	3,481	3,363	2,514	2,415	2,736	3,057	3,057	2,085	3,588	4,261	4,688	5,876
Naval War C.	349	ne	ne	2,938	2,700	2,736	2,653	3,210	3,797	4,384	5,060	5,944	5,542	5,529	5,819	5,868
U. Michigan, Dearborn	350	2,932	4,305	2,992	3,300	2,901	1,844	2,172	1,930	1,448	1,850	2,264	2,366	2,537	3,464	5,742
California State U., Monterey Bay	351	3,167	4,713	4,341	4,961	3,862	3,459	3,654	3,574	3,607	3,746	3,889	3,813	5,051	5,639	5,717
CUNY, Brooklyn C.	352	5,358	7,098	6,578	5,999	6,548	5,771	5,995	5,244	4,280	4,465	4,651	4,505	4,623	5,518	5,714
C. Charleston	353	11,610	5,056	6,277	6,385	5,051	6,200	6,269	5,870	4,376	4,395	3,087	4,126	4,485	5,036	5,698
Wesleyan U.	354	4,496	5,525	4,726	3,930	3,363	3,612	3,493	3,902	4,353	4,793	4,305	4,032	5,267	5,955	5,676
U. North Florida	355	4,636	5,082	3,760	1,424	1,177	1,198	1,356	1,435	3,818	4,017	4,568	7,267	7,758	8,113	5,667
Towson U.	356	1,806	2,630	1,771	2,015	2,268	2,020	1,616	1,599	2,133	2,144	2,010	1,758	2,844	3,653	5,432
California State U., Fullerton	357	13,651	16,159	12,440	11,716	6,932	4,784	3,815	4,237	4,981	4,340	4,121	4,551	6,136	6,049	5,372
DePaul U.	358	3,896	4,629	4,827	4,260	5,023	4,622	4,623	5,424	4,532	4,464	5,156	4,518	3,757	5,592	5,341
U. Washington, Tacoma	359	573	406	1,098	1,104	1,577	2,515	2,682	2,042	2,230	2,808	3,075	3,459	4,553	3,875	5,319
Gallaudet U.	360	5,522	4,633	4,335	4,500	3,012	2,340	2,135	2,380	2,259	2,190	1,841	2,140	3,287	5,523	5,300
Southern U. and A&M C., Baton Rouge	361	5,920	6,057	6,194	4,191	3,850	3,258	2,778	2,866	3,431	3,243	2,996	3,770	3,595	4,444	5,298
Salisbury U.	362	1,823	586	1,256	2,342	3,131	2,727	2,414	2,203	1,805	2,290	2,413	3,271	3,734	5,049	5,292
U. Missouri, Saint Louis	363	7,151	10,157	9,650	7,868	5,844	4,369	4,959	5,240	6,364	7,059	6,146	5,812	4,573	4,569	5,273
California State Polytechnic U., Humboldt	364	3,024	3,292	3,588	2,829	2,504	3,280	4,455	3,796	3,024	2,103	2,399	1,975	2,421	3,280	5,257
Lincoln U., Jefferson City	365	5,984	7,084	6,306	4,989	5,460	5,492	4,953	4,148	2,498	2,700	3,636	5,621	8,988	4,610	5,189
Northwest Indian C.	366	1,943	1,993	2,044	2,216	1,705	1,154	ne	ne	2,037	2,520	3,112	3,704	4,298	4,595	5,172
Providence C.	367	857	726	ne	827	ne	1,162	981	783	960	857	913	574	ne	4,648	5,021
California State U., Bakersfield	368	637	727	641	1,721	1,140	1,875	1,689	2,466	3,243	4,376	4,486	3,827	2,665	3,525	4,979
Norfolk State U.	369	5,413	6,462	7,739	5,523	6,492	5,104	7,230	7,101	6,912	8,046	7,148	3,976	3,398	4,381	4,918
Central State U.	370	2,544	3,528	3,390	2,688	2,000	1,508	1,546	1,491	2,299	2,517	3,097	4,165	5,576	5,523	4,749
U. Arkansas, Pine Bluff	371	3,947	4,696	4,540	4,550	3,875	3,912	4,233	3,747	3,683	4,299	4,393	3,960	3,306	4,204	4,728

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Tarleton State U.	372	6,379	6,036	5,086	3,525	3,683	3,927	4,495	4,602	4,288	4,632	4,139	4,620	5,055	5,478	4,718
Citadel Military C. South Carolina	373	ne	157	ne	736	1,714	4,360	3,287	4,699							
Dine C.	374	ne	959	ne	ne	ne	ne	ne	ne	1,238	1,126	347	ne	2,091	2,255	4,692
CUNY, C. Staten Island	375	952	1,583	1,470	1,311	1,400	1,222	1,700	1,543	1,982	2,421	2,295	2,234	2,916	3,296	4,625
U. Tennessee, Chattanooga	376	4,866	2,932	3,202	2,056	1,501	1,949	1,092	1,144	1,490	2,393	3,915	4,507	5,214	6,003	4,563
Western Kentucky U.	377	6,866	6,210	5,712	4,279	3,383	3,450	4,018	3,808	3,162	3,391	3,265	2,348	3,127	3,401	4,511
Barnard C.	378	2,754	3,325	3,194	2,568	2,373	2,384	3,082	2,777	2,491	2,871	2,800	3,527	3,758	4,235	4,334
CUNY, Lehman C.	379	2,560	2,700	2,215	1,874	2,249	2,394	3,625	3,734	4,478	3,342	3,197	3,382	3,652	4,487	4,313
Lawrence Technological U.	380	3,144	2,615	1,108	988	739	976	658	767	479	304	405	284	1,109	1,786	4,253
U. San Diego	381	1,352	1,184	1,903	2,066	2,451	1,836	2,152	2,299	2,397	2,511	2,398	2,554	2,911	3,501	4,220
Benedict C.	382	1,473	2,925	2,713	2,625	2,443	1,373	1,621	1,634	1,889	1,226	635	ne	ne	1,665	4,201
Spelman C.	382	2,740	1,833	1,874	1,366	1,185	1,035	1,291	1,227	1,673	2,004	2,136	1,886	2,539	4,567	4,201
Appalachian State U.	384	1,813	2,586	2,287	1,731	2,198	1,796	1,896	2,630	1,922	1,332	1,469	1,694	2,567	3,497	4,178
U. Washington, Bothell	385	446	911	701	825	2,005	2,236	2,863	3,169	2,920	3,353	2,815	2,956	4,009	3,787	4,149
Georgia Southern U.	386	2,077	1,530	1,359	2,092	3,247	3,004	2,695	2,978	1,805	1,780	1,790	3,373	2,605	3,562	4,075
Purdue U., Northwest	387	na	4,024	3,205	2,493	1,996	2,280	3,171	3,409	4,036						
Southern Illinois U., Edwardsville	388	4,192	4,056	3,172	3,209	2,249	2,175	3,422	3,805	3,209	3,561	3,467	3,844	3,250	3,621	4,012
Albany State U.	389	396	893	2,000	1,532	1,271	1,128	1,137	1,026	839	1,065	836	552	ne	1,681	3,973
Loyola Marymount U.	390	1,731	2,815	1,222	1,357	1,142	819	707	883	1,040	1,185	1,105	2,170	2,824	2,921	3,958
Pennsylvania State U., Behrend	391	887	1,029	1,232	1,353	1,610	1,510	2,445	1,670	1,025	1,427	543	2,286	3,262	4,378	3,920
Texas A&M U.-San Antonio	392	ne	394	1,233	3,916											
Texas A&M International U.	393	1,623	1,195	989	868	977	658	924	1,730	2,008	1,847	986	1,243	1,624	1,966	3,903
Sul Ross State U.	394	1,595	1,672	1,073	735	546	333	272	440	553	339	481	843	1,205	1,568	3,900
Fort Lewis C.	395	340	511	ne	1,284	1,228	1,746	2,590	2,816	3,866						
U. Detroit Mercy	396	633	856	508	ne	317	890	2,565	2,296	4,385	4,936	4,226	3,917	4,663	4,434	3,797
West Virginia State U.	397	2,759	3,193	3,945	3,316	6,006	5,562	4,126	5,072	5,361	4,592	3,993	4,119	4,278	2,800	3,779
Sonoma State U.	398	690	559	ne	1,800	1,581	964	630	ne	ne	ne	936	2,212	2,889	3,483	3,755
Arkansas State U., Jonesboro	399	6,194	8,644	9,645	6,360	3,958	4,347	4,826	4,396	4,371	4,876	4,712	4,249	3,932	3,083	3,744
Bowie State U.	400	ne	1,910	1,739	1,422	1,761	1,497	1,927	1,813	1,839	1,911	1,967	1,398	3,351	2,469	3,714
New York Institute of Technology	401	250	494	1,339	2,527	3,504	2,375	1,607	984	1,501	3,135	1,542	1,988	2,988	3,252	3,710
Texas Tech U., Health Sciences Center, El Paso	402	ne	ne	ne	ne	5,352	2,893	3,064	2,410	2,532	2,279	1,703	1,831	2,339	2,415	3,701
St. John's U., New York	403	1,274	1,263	1,185	872	883	992	940	1,020	1,612	1,666	1,805	1,950	2,456	2,792	3,685
Alfred U.	404	1,687	2,004	1,648	1,468	1,351	1,434	1,558	917	1,416	1,580	947	939	1,008	1,958	3,590
Western Illinois U.	405	658	746	3,855	1,183	735	373	ne	1,198	1,551	1,495	1,801	3,163	4,032	3,283	3,574
Middle Tennessee State U.	406	2,651	2,669	4,553	2,585	1,564	2,302	3,535	2,513	2,391	2,473	3,062	4,150	4,347	3,822	3,542
Eastern Michigan U.	407	9,088	7,916	7,374	2,428	1,031	1,482	1,627	1,474	1,522	2,135	2,598	2,237	2,346	2,521	3,500
Santa Clara U.	408	3,494	2,019	2,074	1,668	2,039	1,226	1,634	1,468	1,592	1,333	1,522	1,930	2,660	3,448	3,494
James Madison U.	409	5,563	5,218	6,476	4,617	3,017	2,418	2,203	2,273	1,879	2,717	2,609	2,379	2,884	3,475	3,482

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
U. Baltimore	410	1,812	3,288	3,386	2,906	2,947	2,998	3,769	4,289	7,431	9,103	11,748	11,692	4,853	4,250	3,471
Tougaloo C.	411	2,978	2,753	2,613	2,639	2,285	2,689	2,473	3,030	3,173	3,380	2,102	2,442 i	2,782 i	3,122 i	3,462
National Defense U.	412	ne	ne	ne	5,865	7,682	5,542	6,447	6,293	4,276	4,231	4,583	3,786	3,920	2,494	3,459
Smith C.	412	2,843	3,159	2,690	2,853	3,042	3,575	2,634	3,449	3,305	2,892	2,650	2,433	2,403	3,013	3,459
Alabama State U.	414	13,340	12,340	13,607	1,927	2,236	2,303	2,372	2,253	2,434	2,577	2,582	2,338	2,930	2,848	3,408
Seton Hall U.	415	2,206	2,681	1,667	1,694	1,801	1,919	1,975	1,982	3,551	3,982	2,725	2,137	2,092	2,778	3,392
New Mexico Highlands U.	416	970	989	735	741	969	ne	1,086	1,015	741	ne	1,034	1,828 i	2,622 i	3,416	3,348
Pacific U.	417	845	242	1,767	1,674	1,137	962	1,419	4,058	2,637	3,917	2,596	2,072	2,672	7,133	3,329
Hope C.	418	2,523	2,414	1,912	1,993	2,000	1,436	1,251	1,169	1,100	1,361	1,155	1,992	3,691	3,639	3,317
Pennsylvania State U., Harrisburg	419	963	1,302	1,290	701	269	565	270	215	292	80	451	1,616	1,911	3,045	3,305
U. North Carolina, Asheville	420	1,367	1,770	1,789	1,608	1,176	1,531	2,312	1,851	1,442	1,846	2,405	2,322	2,600	3,323	3,295
Fayetteville State U.	421	10,844	10,029	11,187	11,906	10,186	9,243	11,207	2,322	2,445	2,168	1,008	1,988	1,667	2,461 i	3,256
Colby C.	422	1,105	1,028	1,197	1,046	943	1,038	1,137	1,048	1,213	1,093	809	750	1,466	3,011	3,236
Clark U.	423	3,243	3,801	3,141	2,848	2,751	2,515	2,002	2,513	2,962	3,495	3,350	2,754	2,500	2,235	3,231
Midwestern U.	424	315	438	427	369	517	654	1,060	1,184	1,278	1,045	936	1,506	1,609	2,862	3,227
U. Northern Iowa	425	1,460	2,294	2,182	2,347	2,094	1,961	2,297	2,154	1,697	2,343	1,881	1,995	2,132	2,975	3,220
Carleton C.	426	1,803	2,332	2,212	3,347	3,157	3,813	3,508	3,366	2,542	1,891	1,236	1,499	1,914	2,800	3,167
CUNY, Graduate Center	427	4,901	3,462	3,191	2,827	2,310	2,106	1,796 i	1,485	2,592	3,009	2,561	2,496	2,535	2,792	3,157
Middlebury C.	428	2,245	2,289	2,513	1,856	1,351	1,535	1,736	2,002	1,774	1,558	1,546	2,639	2,281	2,564	3,135
Kean U.	429	ne	550	1,191	347	ne	244	323	ne	ne	ne	775	362	715	1,870	3,130
Amherst C.	430	1,102	1,992	1,988 i	1,985	1,543	1,835	1,207	1,228	1,630	2,118	1,775	1,375	2,862	2,869	3,091
Texas Woman's U.	431	822	1,173	1,908	1,136	961	722	573	945	1,422	1,864	1,700	1,514	2,091	2,439	3,026
Hofstra U.	432	2,206	2,182	2,660	1,967	2,577	2,119	2,149	1,471	1,275	1,296	997	1,266	2,118	1,995	2,990
California State U., Chico	433	1,502	1,317	1,345	1,682	1,169	854	933	581	1,060	1,864	2,520	2,258	2,312	3,152	2,964
Winthrop U.	434	ne	3,440	5,243	7,451	7,955	5,802	1,178	1,189	1,419	1,438	1,563	1,495	2,542	2,358	2,894
Wellesley C.	435	3,677	2,496	2,902	3,135	3,579	2,980	5,197	3,815	3,947	3,602	4,441	3,469	2,915	2,921	2,890
Long Island U.	436	630 i	681 i	666 i	655	ne	ne	852	1,615	1,929	1,839	1,349	2,686	2,652	1,993	2,879
U. Southern Maine	437	9,137	7,752	5,490	4,582	3,821 i	3,060 i	2,299	2,252	2,362	2,551	2,231	2,020	2,201	2,598	2,862
Northeastern Illinois U.	438	448	311	ne	ne	588	ne	ne	1,403	2,442	2,478	2,018	1,913	2,224	2,262	2,844
U. New Haven	439	ne	1,592	2,471	1,400	954 i	507	2,157	548	3,853	2,786	1,440	2,069	2,447	2,227	2,836
Saginaw Valley State U.	440	77	525	334	203	ne	223	237	621	1,227	2,339	1,809	1,899 i	2,341 i	2,503 i	2,818 i
Rutgers, State U. New Jersey, Camden	441	2,001	1,555	1,545	1,750	1,766	2,215	2,653	2,412	1,567	1,096	1,952	2,905	3,349	3,042	2,772
National U.	442	ne	650	1,194	1,762	1,968	1,848	2,012	ne	ne	ne	ne	ne	ne	ne	2,725
Chicago State U.	443	1,598	2,014	565	ne	ne	ne	910	ne	1,154	898	ne	ne	3,699	3,756	2,701
Bucknell U.	444	2,745	2,747	1,540	1,590	1,725	1,489	1,436 i	1,383 i	1,329	1,764	1,730 i	1,696	2,539	2,359	2,692
Fisk U.	445	7,686	4,631	4,058	6,307 i	8,557	9,050 i	9,544	4,327	2,781	4,615	3,811	3,940	3,486	3,819	2,681
California State U., Dominguez Hills	446	2,658	2,671	2,689	4,235	3,381 i	2,527	2,215	1,238	1,354	1,261	1,433	2,001	3,156	2,457	2,674
Keck Graduate Institute	447	ne	1,744	1,671	1,227	1,302	937	895 i	853 i	811 i	769 i	727 i	685 i	643	2,338	2,644

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SUNY, C. of Optometry	448	2,829	3,336	3,162	2,757	2,567	2,490	2,487	2,073	1,944	1,823	1,688	2,105	2,080	2,469	2,613
Lamar U.	449	4,377	4,036	3,072	1,616	1,118	352	611	949	1,380	2,641	2,146	1,873	1,180	2,259	2,572
Youngstown State U.	450	2,067	3,304	2,159	1,834	1,876	2,346	1,083	3,257	3,634	2,878	3,308	2,198	3,533	2,691	2,491
Troy U.	451	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	1,591	1,488	2,296	3,069	2,441
Murray State U.	452	2,074	2,471	1,904	816	612	798	564	1,200	1,587	2,639	1,929	2,721	2,176	2,058	2,428
Texas A&M U.-Commerce	453	1,362	1,557	1,600	1,349	1,234	1,121	876	823	1,159	836	1,226	1,283	1,776	1,936	2,412
Austin Peay State U.	454	ne	729	484	364	189	334	325	347	599	295	475	597	870	1,401	2,386
Reed C.	455	796	772	678	897	1,125	1,638	1,690	415	1,065	1,423	1,806	1,948	2,090	2,232	2,377
Savannah State U.	456	1,774	2,518	1,874	2,514	2,127	1,796	2,251	1,390	1,778	1,709	1,804	1,804	1,881	1,675	2,376
Saint Joseph's U.	457	1,368	1,087	835	700	468	526	476	239	252	373	1,047	1,158	2,520	2,680	2,365
Yeshiva U.	458	163,399	197,032	201,397	193,831	186,885	180,791	30,266	816	683	380	772	1,509	1,695	1,229	2,348
Coastal Carolina U.	459	1,533	1,487	1,598	1,714	1,281	1,041	1,052	1,028	1,031	1,294	1,211	948	1,130	1,847	2,341
Black Hills State U.	460	2,434	1,172	1,675	2,163	1,720	1,674	2,056	1,448	1,437	1,535	1,287	1,124	1,676	1,918	2,304
Trinity U.	460	1,023	1,046	1,222	2,034	1,544	1,183	973	986	1,187	924	1,207	1,078	1,345	2,203	2,304
Northern Kentucky U.	462	1,476	1,595	1,483	1,240	1,418	1,342	1,133	1,109	890	1,316	1,462	2,156	2,596	2,413	2,289
CUNY, New York City C. of Technology	463	81	145	ne	ne	ne	ne	ne	ne	1,978	1,891	1,585	1,197	1,769	2,498	2,260
Roger Williams U.	464	1,574	2,132	2,166	1,877	2,038	1,696	1,736	2,024	1,052	1,135	1,045	1,202	1,351	1,973	2,244
National Louis U.	465	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	2,231
Christopher Newport U.	466	1,049	1,587	1,230	1,083	1,302	1,041	858	957	1,069	1,285	1,365	1,497	1,701	2,055	2,224
Vassar C.	467	1,280	1,838	1,258	1,694	1,220	1,133	1,495	1,600	4,185	909	1,055	918	1,052	1,204	2,205
Toyota Technological Institute, Chicago	468	ne	496	ne	ne	ne	1,392	1,410	1,581	1,759	1,934	3,038	3,090	2,199	2,127	2,186
SUNY, Oswego	469	644	871	ne	673	ne	ne	ne	669	661	628	492	415	544	894	2,176
CUNY, Baruch C.	470	1,010	1,150	1,209	735	695	845	1,325	1,027	1,412	1,359	1,470	1,691	1,894	1,879	2,168
Dakota State U.	471	ne	402	3,555	831	908	765	1,593	1,989	3,273	3,008	3,957	2,603	3,976	2,437	2,111
Hawaii Pacific U.	472	ne	1,261	1,145	850	1,116	789	2,071	1,921	1,905	1,809	1,699	1,741	2,667	1,942	2,083
U. Louisiana, Monroe	472	1,470	1,971	1,752	976	1,705	1,479	2,016	1,838	1,789	1,949	2,025	1,465	1,993	1,655	2,083
U. Central del Caribe	474	6,504	6,613	6,304	5,946	6,407	6,147	6,290	4,866	2,937	2,705	2,743	2,492	2,807	2,929	2,068
Pace U.	475	627	952	1,476	1,054	1,212	1,681	2,845	2,423	2,117	2,579	2,997	2,536	2,534	2,698	2,067
CUNY, system office	476	ne	ne	1,398	1,001	362	828	832	527	1,977	2,241	884	768	798	2,901	2,051
U. Wisconsin-Stevens Point	477	4,456	3,754	3,052	2,131	1,740	1,349	957	1,266	1,575	1,884	2,193	1,776	1,235	2,079	2,048
Grand Valley State U.	478	1,134	1,648	2,162	2,675	2,151	2,033	1,479	1,543	1,719	1,663	1,831	1,415	1,819	1,808	2,035
Harvey Mudd C.	479	2,049	2,594	2,038	2,004	1,457	1,633	2,320	1,521	1,762	1,619	1,748	1,443	1,956	1,968	2,012
West Texas A&M U.	480	2,100	1,347	1,802	1,315	1,551	1,860	1,735	1,338	1,329	1,565	1,542	2,195	2,123	2,118	1,990
Nevada State U.	481	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	1,167	1,711	1,989
U. Texas, Tyler	482	3,378	1,277	6,535	4,123	4,601	2,570	1,936	708	719	813	774	929	1,585	1,652	1,976
U. Houston-Downtown	483	908	1,186	1,828	1,183	1,800	1,571	1,165	1,710	1,836	1,437	1,392	1,169	903	1,495	1,975
Haverford C.	484	2,715	1,851	1,478	1,547	1,309	1,476	972	1,031	1,665	2,343	2,680	2,455	2,722	2,344	1,955
U. Central Oklahoma	485	1,059	1,146	750	765	1,042	3,193	1,409	1,168	1,127	1,457	3,172	2,248	2,060	2,624	1,950

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
New England C. of Optometry	486	726	1,236	1,685	1,588	533	419	618	ne	837	928	785	1,623	1,609	1,946	1,935
Bowdoin C.	487	1,815	1,942	3,317	3,244	2,330	2,156	2,457	1,812	2,065	1,790	1,862	1,836	1,867	2,186	1,928
Franklin and Marshall C.	488	1,857	1,397	1,116	879	889	1,017	955	1,732	1,760	1,582	1,202	1,363	1,680	1,469	1,924
U. Wisconsin-Oshkosh	489	832	1,154	1,238	1,012	1,048	1,084	ne	1,113	1,106	1,099	1,092	1,083	1,336	1,249	1,904
U. of Health Sciences and Pharmacy in St. Louis	490	ne	3,767	4,063	2,523	3,110	1,867									
Swarthmore C.	491	913	1,029	1,135	1,239	1,292	1,379	1,458	1,451	1,586	1,539	1,041	1,414	1,733	2,315	1,866
Virginia Military Institute	492	451	133	ne	1,137	1,534	1,855									
Lake Superior State U.	493	ne	133	ne	ne	ne	327	272	726	237	ne	ne	ne	1,184	1,475	1,826
U. Central Arkansas	494	1,658	1,732	1,989	1,898	1,297	1,300	1,138	1,236	1,262	1,462	1,421	1,640	1,731	1,824	1,823
West Chester U. Pennsylvania	495	3,614	5,845	1,457	561	404	511	454	624	671	715	724	608	854	1,386	1,822
Clafin U.	496	3,226	5,103	5,090	2,643	1,711	1,158	1,743	1,344	1,491	1,735	1,907	1,005	1,179	1,418	1,816
Dillard U.	497	7,096	7,211	7,325	7,692	6,889	8,853	7,605	5,592	5,503	1,390	1,200	1,257	1,422	1,228	1,792
C. New Jersey	498	461	254	ne	ne	ne	ne	ne	929	829	ne	951	1,079	1,984	1,755	1,779
U. Puerto Rico, Humacao	499	1,950	1,976	1,949	1,452	1,102	669	ne	ne	882	828	1,279	1,137	1,160	1,822	1,759
United Tribes Technical C.	500	ne	1,337	1,757												
U. Wisconsin-Eau Claire	501	1,320	829	817	655	395	ne	661	955	705	748	647	909	681	1,027	1,740
Davidson C.	502	1,153	1,053	651	1,619	1,170	1,703	813	1,105	813	973	1,411	1,151	1,370	1,340	1,738
Eastern Washington U.	503	46	559	725	1,226	885	955	1,287	1,193	1,081	864	1,153	775	855	1,015	1,722
U. San Francisco	504	428	371	1,867	858	738	503	280	405	310	198	148	255	547	1,015	1,709
California State U., Stanislaus	505	ne	1,037	1,070	650	341	174	221	478	734	964	1,284	1,354	1,056	1,150	1,705
Central Washington U.	506	4,038	2,242	1,840	1,263	1,113	1,575	1,580	2,297	1,840	2,159	1,701	1,778	2,429	2,499	1,693
Southeastern Louisiana U.	507	1,161	911	985	1,039	692	1,429	975	1,215	1,046	803	884	795	1,285	1,366	1,688
Furman U.	508	1,332	1,111	1,164	1,217	891	1,136	1,068	1,292	1,110	1,106	847	1,028	1,280	1,300	1,685
California State U., Channel Islands	509	ne	451	ne	425	528	825	249	142	284	500	553	993	1,638	1,773	1,672
U. Ana G. Mendez, Gurabo	510	691	1,054	1,034	747	1,111	447	437	428	471	951	946	926	1,407	2,132	1,660
Western Carolina U.	511	1,296	721	974	664	669	740	873	971	1,038	1,736	1,707	1,697	1,727	1,600	1,651
U. Nebraska, Kearney	512	289	1,018	716	840	656	515	891	1,047	1,075	1,240	1,259	1,327	1,900	1,739	1,645
U. Houston-Clear Lake	513	301	818	730	875	739	541	756	753	894	718	632	865	841	1,273	1,635
Norwich U.	514	ne	1,064	733	878	831	1,121	461	480	ne	ne	ne	ne	ne	1,366	1,611
Skidmore C.	515	1,872	1,562	1,334	1,448	1,193	969	747	1,194	1,893	2,261	1,827	1,739	861	1,288	1,605
U. Hartford	516	820	1,576	1,505	1,175	1,080	1,089	1,172	1,178	591	1,019	854	766	886	1,269	1,601
Marian U., Indianapolis	517	ne	918	1,598												
Lafayette C.	518	1,223	1,564	1,205	1,166	1,070	1,066	997	1,493	1,133	910	755	508	1,300	1,141	1,557
U. Richmond	519	2,138	1,831	2,376	1,979	2,134	2,013	1,924	1,870	1,628	1,575	1,628	1,534	1,624	1,379	1,552
Oregon Institute of Technology	520	ne	193	ne	ne	ne	270	1,268	752	235	437	326	252	340	1,375	1,548
Williams C.	521	2,330	2,117	2,029	1,498	1,029	1,700	1,614	1,703	1,458	1,131	1,086	1,152	1,286	1,455	1,537
Indiana U. Pennsylvania	522	660	833	672	101	169	ne	373	1,309	891	1,810	1,309	1,503	1,797	1,702	1,536
U. of the Pacific	523	3,135	2,678	2,090	1,676	2,675	1,751	1,991	1,474	2,141	2,158	1,375	1,106	1,351	1,300	1,510

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Colgate U.	524	1,519	1,058	1,497	1,320	1,153	1,109	1,217	1,096	1,389	1,202	918	1,440	1,570	1,521	1,509
U. Alaska, Southeast	525	1,222	941	1,003	1,113	1,183	1,341	1,502	1,480	1,636	1,235	1,098	1,046	1,392	1,463	1,492
U. Hawaii, Maui C.	526	ne	951	ne	1,234	1,443										
SUNY, Buffalo State U.	527	1,293	1,965	2,348	1,336	1,076	846	859	877	1,057	1,225	1,241	977	1,299	1,615	1,419
Mount Holyoke C.	528	1,362	2,010	1,827	1,863	2,435	2,327	2,848	3,168	2,210	2,074	1,442	1,539	1,511	1,612	1,394
U. of St. Thomas (MN)	529	842	933	767	702	352	ne	195	212	320	313	450	1,321	527	531	1,391
Seattle U.	530	468	622	530	ne	1,348	927	820	862	1,644	1,307	1,303	1,102	1,143	1,165	1,389
Merrimack C.	531	ne	353	ne	306	ne	ne	892	1,339							
Sacred Heart U.	532	ne	675	ne	639	1,337										
Southern Utah U.	533	ne	190	ne	1,331											
U. Northern Colorado	534	2,082	1,681	1,373	1,024	1,965	1,359	1,962	2,349	2,271	1,966	1,853	1,942	1,692	1,705	1,325
CUNY, York C.	535	ne	1,507	861	693	ne	534	ne	ne	ne	1,511	1,513	922	1,659	1,504	1,318
Utah Valley U.	536	ne	1,280	1,671	1,306											
U. Texas of the Permian Basin	537	677	761	1,179	974	489	595	510	328	50	ne	757	1,762	1,538	1,013	1,294
Union C., Schenectady	538	1,427	959	867	1,863	1,385	1,080	1,680	554	885	972	462	976	750	729	1,288
Occidental C.	539	665	904	1,079	1,105	1,365	853	1,260	701	901	1,614	1,567	2,348	1,994	1,640	1,285
U. of the Incarnate Word	539	ne	217	ne	ne	ne	403	ne	ne	868	1,075	869	1,076	1,078	1,086	1,285
U. Puerto Rico, Cayey	541	710	1,278	1,515	1,168	1,143	959	1,105	704	632	963	1,210	1,202	757	733	1,259
Marymount U.	542	ne	337	178	396	1,242										
Claremont McKenna C.	543	1,130	1,083	1,082	1,081	1,080	ne	644	754	555	730	771	637	1,070	1,035	1,208
U. Virginia's C. Wise	544	76	38	ne	1,307	786	447	1,207								
Pittsburg State U.	545	999	1,280	989	791	1,023	453	270	316	195	339	477	759	1,167	1,591	1,199
Alaska Pacific U.	546	283	349	ne	ne	ne	802	671	665	436	451	148	189	581	627	1,183
U. South Carolina, Aiken	546	122	592	ne	937	759	689	1,155	2,697	2,437	2,379	2,328	1,884	857	782	1,183
Southern Connecticut State U.	548	1,459	1,199	1,595	1,176	1,620	1,626	1,324	1,274	823	803	1,026	713	848	1,433	1,159
Bryn Mawr C.	549	1,301	1,901	1,848	2,514	1,353	1,713	2,556	2,507	2,242	1,801	1,531	1,429	1,257	1,289	1,152
La Sierra U.	550	ne	17	ne	ne	0	45	127	575	623	640	618	812	972	1,066	1,148
Monmouth U.	551	2,190	1,873	714	ne	635	ne	173	ne	ne	120	110	174	535	762	1,143
Oberlin C.	552	1,359	1,183	1,330	1,204	1,204	1,364	962	1,558	1,096	1,576	743	505	ne	880	1,142
Manhattan C.	553	166	245	ne	245	398	397	440	422	1,131						
U. Wisconsin-Green Bay	553	778	732	686	640	594	545	919	666	546	821	890	876	1,046	1,222	1,131
U. Scranton	555	19	64	ne	866	1,109										
Ferris State U.	556	ne	1,430	1,103												
U. Puget Sound	557	166	295	ne	ne	ne	ne	ne	459	ne	ne	401	ne	780	1,300	1,102
Pomona C.	558	1,048	1,779	1,599	2,227	1,789	1,074	1,579	1,038	868	863	1,123	930	1,217	1,205	1,083
Colorado State U., Pueblo	559	364	354	ne	1,282	1,161	1,508	1,278	952	1,072						
East Stroudsburg U. Pennsylvania	560	ne	250	ne	598	909	1,071									
Kenyon C.	561	413	358	ne	ne	ne	ne	ne	ne	764	776	714	ne	1,021	1,092	1,069

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SUNY, Geneseo	562	755	1,306	1,532	640	474	663	930	992	998	1,206	950	1,273	1,564	1,292	1,062
Claremont Graduate U.	563	5,888	5,215	8,875	8,452	7,358	6,264	5,170	4,076	2,982	1,886	809	1,152	1,610	1,422	1,061
John Carroll U.	564	1,036	635	ne	1,052											
New School	564	1,670	2,042	2,385	2,669	1,972	2,300	2,428	2,345	1,857	1,819	1,050	1,324	1,261	1,337	1,052
Lewis and Clark C.	566	843	684	718	1,490	1,378	872	636	723	848	931	1,268	702	746	776	1,051
U. Wisconsin-La Crosse	566	2,150	2,013	1,876	1,240	1,095	1,006	1,250	1,158	1,171	777	817	895	968	714	1,051
Aaniiih Nakoda C.	568	ne	1,045													
Bentley U.	569	ne	110	ne	ne	ne	ne	509	1,014	1,037						
Morehead State U.	570	1,528	1,656	1,597	1,816	1,069	1,217	1,797	2,162	1,839	1,651	1,674	1,727	2,086	1,718	1,029
Butler U.	571	ne	189	ne	1,227	1,077	1,004									
Minnesota State U., Mankato	572	2,051	852	701	313	317	546	1,260	605	639	708	525	575	575	905	977
Arcadia U.	573	1,206	1,621	620	ne	371	ne	772	955							
Stephen F. Austin State U.	574	5,530	1,690	1,800	1,836	1,850	2,340	1,808	1,276	1,242	1,332	1,257	1,029	879	1,098	951
Ursinus C.	575	413	462	ne	942	940										
Florida Polytechnic U.	576	na	na	na	na	na	203	ne	ne	ne	338	252	459	706	1,172	939
Juniata C.	576	150	162	ne	939											
Drake U.	578	456	382	ne	573	ne	ne	1,116	772	699	463	ne	1,016	1,211	954	936
Touro U., California	579	999	1,558	1,390	1,351	1,374	1,332	1,199	1,196	1,410	1,540	1,558	1,377	964	1,279	923
Johnson C. Smith U.	580	ne	ne	ne	ne	ne	ne	1,279	1,469	2,003	1,909	2,230	2,049	1,868	1,554	915
National U. of Natural Medicine	581	ne	247	ne	ne	ne	ne	ne	427	ne	760	912	523	ne	862	910
Bates C.	582	971	1,485	1,555	1,390	1,114	2,004	1,156	1,053	1,121	1,607	1,885	2,079	1,785	1,455	909
Erikson Institute	583	ne	355	1,648	1,187	1,212	1,610	1,719	2,529	1,822	753	1,006	772	815	1,245	904
SUNY, C. Plattsburgh	584	1,187	726	454	ne	459	717	545	455	1,254	1,197	950	824	584	1,121	893
SUNY, C. Brockport	585	521	677	989	755	564	535	639	747	672	638	781	500	751	813	889
Eastern Kentucky U.	586	2,638	2,852	2,329	2,078	1,518	1,111	1,029	758	655	598	554	530	ne	798	871
Macalester C.	587	1,075	1,517	1,106	876	879	708	771	970	553	805	647	617	943	1,094	859
Indiana State U.	588	990	1,352	1,268	858	1,005	992	1,189	816	927	1,190	949	582	894	980	838
Pepperdine U.	589	933	299	808	914	1,162	1,058	1,233	1,087	713	914	693	835	883	674	827
Weber State U.	589	355	550	192	ne	424	ne	ne	ne	827						
Loyola U., Maryland	591	555	603	ne	820											
St. Cloud State U.	592	1,260	622	215	420	797	1,299	643	555	529	733	459	577	401	689	810
Plymouth State U.	593	1,408	2,668	2,503	2,331	2,229	1,770	925	827	794	ne	ne	ne	571	ne	805
SUNY, Cobleskill	593	1,382	909	ne	874	ne	379	730	805							
Calvin U.	595	2,084	560	664	774	1,273	1,034	795	880	1,363	925	927	929	931	854	803
Valparaiso U.	596	505	892	1,299	744	978	1,267	1,595	1,229	ne	ne	ne	ne	ne	ne	799
Polytechnic U. Puerto Rico	597	ne	193	ne	1,884	813	ne	ne	ne	796						
St. Olaf C.	597	1,247	843	1,220	955	760	668	849	797	333	255	230	271	ne	933	796
Hobart and William Smith Colleges	599	1,118	1,379	1,103	1,896	730	442	ne	528	ne	1,047	1,072	758	1,264	1,019	767

**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Northern Michigan U.	600	287	237	ne	ne	ne	ne	288	304	354	311	446	366	571	560	752
Southern Oregon U.	601	639	885	799	896	474	ne	749								
Keene State C.	602	ne	1,884	1,956	2,029	2,130	820	ne	837	ne	1,022	1,043	894	ne	ne	745
U. Illinois, Springfield	603	436	455	602	534	415	307	725	1,533	1,109	980	976	1,071	1,210	1,057	712
Dickinson C.	604	602	821	1,029	692	568	517	397	380	ne	324	222	ne	ne	ne	707
SUNY, Polytechnic Institute	604	na	na	na	na	21,208	14,641	21,380	41,252	41,795	38,245	27,998	25,427	32,396	34,393	707
Robert Morris U.	606	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	605	664	706
Suffolk U.	607	ne	299	249	360	317	250	413	576	ne	ne	844	634	340	893	702
Stockton U.	608	ne	405	160	ne	380	198	221	ne	246	553	872	486	728	688	701
Edward Via C. of Osteopathic Medicine	609	ne	707	502	517	250	89	88	94	195	749	566	537	482	678	686
St. Bonaventure U.	610	767	974	220	ne	ne	ne	159	ne	ne	ne	265	ne	ne	ne	646
Elizabeth City State U.	611	5,552	10,402	4,284	4,439	2,461	2,058	1,827	1,306	960	ne	1,455	1,603	1,667	1,093	642
Andrews U.	612	280	77	ne	ne	ne	ne	ne	ne	ne	278	263	256	ne	445	638
Grinnell C.	613	1,161	287	648	372	414	546	340	652	635	364	644	344	242	1,082	634
Hamilton C.	614	1,077	1,406	1,400	1,153	918	559	442	135	129	190	144	286	338	413	633
U. Michigan, Flint	615	227	322	ne	ne	ne	ne	ne	219	159	122	276	113	ne	ne	627
Denison U.	616	469	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	622
Northwestern State U. Louisiana	617	635	683	609	600	494	ne	490	458	490	579	598	738	742	680	618
U. South Carolina, Beaufort	618	338	675	ne	ne	ne	478	ne	889	615						
Roosevelt U.	619	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	614
U. of Mary Washington	620	ne	660	445	ne	ne	425	ne	ne	418	577	660	485	501	406	610
Franklin W. Olin C. of Engineering	621	ne	666	1,090	946	1,050	1,103	782	588	472	162	293	636	809	641	595
U. North Georgia	622	ne	ne	ne	ne	ne	ne	ne	671	1,013	637	542	497	734	477	589
Western New England U.	623	ne	931	325	ne	ne	ne	581	214	ne	ne	ne	ne	648	538	579
Albany C. of Pharmacy and Health Sciences	624	1,380	1,634	1,182	1,333	1,643	1,065	380	566	1,094	1,692	1,938	1,900	1,110	844	578
U. Wisconsin-River Falls	625	134	174	ne	ne	ne	ne	ne	529	445	ne	488	212	ne	551	575
Milwaukee School of Engineering	626	1,177	1,181	1,207	1,245	1,500	1,335	1,164	775	680	764	613	751	969	722	573
U. South Carolina Upstate	627	15	224	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	566
High Point U.	628	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	565
Midwestern State U.	628	10	ne	ne	ne	ne	ne	ne	ne	ne	ne	599	ne	ne	ne	565
Seattle Pacific U.	630	114	1,155	1,071	1,126	931	915	850	813	ne	ne	ne	ne	ne	ne	564
Gettysburg C.	631	524	266	ne	ne	ne	ne	ne	597	901	841	320	ne	ne	517	562
Nicholls State U.	632	946	1,571	1,284	562	293	108	185	ne	558						
Liberty U.	633	ne	ne	ne	ne	ne	ne	ne	ne	ne	535	886	120	ne	532	548
Trinity C., Hartford	634	1,026	1,217	1,432	1,040	1,313	889	893	2,084	794	1,077	1,019	1,348	1,049	687	545
Berry C.	635	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	534
St. Catherine U.	636	ne	265	ne	ne	ne	ne	ne	ne	ne	ne	ne	ne	300	ne	517
Palmer C. of Chiropractic, Davenport	637	3,009	3,344	2,906	1,991	1,775	1,558	1,485	1,189	1,100	1,100	1,400	1,733	1,550	1,500	500



**Table 16. Federally financed higher education R&D expenditures at institutions in the standard form survey population, ranked by FY 2024 R&D expenditures: FYs 2010–24**

(Dollars in thousands)

Institution	Rank	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
All other surveyed institutions	-	1,312,724	1,471,539	1,447,380	1,342,888	1,110,050	1,079,085	1,117,224	1,169,162	1,247,408	656,074	624,897	278,997	267,486	9,018	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.

<sup>a</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$2,478,980 thousand in federally financed R&D expenditures in FY 2024.

<sup>b</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>c</sup> The University of Colorado Denver and University of Colorado Anschutz Medical Center report to the survey separately. Prior to FY 2021, expenditures were reported together under University of Colorado Denver and Anschutz Medical Campus.

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

<sup>e</sup> The University of South Florida includes expenditures from the University of South Florida, Tampa; University of South Florida, Saint Petersburg; and University of South Florida, Sarasota-Manatee campuses. Due to the consolidation of the three campuses that occurred on 1 July 2020, University of South Florida, Saint Petersburg and University of South Florida, Sarasota-Manatee began reporting with the University of South Florida, Tampa as the University of South Florida. Prior to FY 2021, all three campuses reported to the survey as separate institutions.

<sup>f</sup> 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.

<sup>g</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.

<sup>h</sup> Touro University, New York includes the Lovelace Biomedical Research Institute. In FY 2023, the Lovelace Biomedical Research Institute joined the Touro University System.

**Note(s):**

Institutions reporting zero federal expenditures for FY 2024 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 5.

**Source(s):**

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