

Table 7. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in FY 2024: FYs 2016–24

(Dollars in thousands)

Institution	Rank	2016	2017	2018	2019	2020	2021	2022	2023	2024
All institutions	-	28,531,569	29,803,868	32,312,581	35,124,233	36,568,265	39,502,213	41,302,018	45,008,768	43,907,552
Johns Hopkins U.	1	1,805,420	1,658,299	1,753,500	1,856,091	1,915,151	1,817,726	1,753,812	2,075,448	2,280,256
U. Michigan	2	626,143	656,721	703,767	745,826	755,646	774,551	827,701	918,275	894,732
U. California, San Diego	3	554,478	586,657	636,413	679,558	652,353	792,907	848,318	808,867	850,510
U. Washington	4	590,270	612,729	665,699	726,634	728,359	787,213	873,274	831,625	842,546
Columbia U. in the City of New York	5	522,581	534,659	601,764	653,357	699,887	761,354	803,388	832,938	830,745
U. California, San Francisco	6	547,197	573,522	616,954	675,389	644,405	714,877	836,277	788,133	812,022
Vanderbilt U.	7	379,809	368,557	405,411	422,500	518,360	507,806	532,130	598,429	779,193
U. Colorado Boulder	8	438,819	442,173	517,162	511,533	538,927	657,760	754,809	761,302	766,733
Washington U., Saint Louis	9	408,896	447,831	484,554	535,085	543,546	639,462	643,672	654,853	747,143
U. Pittsburgh	10	493,568	503,566	558,248	581,756	600,173	679,319	737,138	774,848	746,190
U. Pennsylvania	11	512,082	509,277	540,929	625,480	593,581	681,663	723,114	780,027	731,710
Stanford U.	12	513,877	550,247	576,305	612,541	630,591	696,510	778,508	816,410	724,706
Duke U.	13	467,848	490,343	543,712	629,089	639,338	810,504	745,052	778,116	700,360
Yale U.	14	425,576	431,569	466,892	530,722	552,583	596,130	598,880	647,143	663,047
U. California, Los Angeles	15	490,824	492,364	509,919	555,095	750,550	686,615	737,785	724,509	642,215
New York U.	16	272,971	328,463	356,173	430,178	436,813	893,817	509,567	572,288	613,482
Cornell U., Ithaca	17	303,589	369,063	378,105	423,722	427,158	497,611	532,256	590,767	595,449
U. North Carolina, The, Chapel Hill	18	452,366	430,253	475,557	535,560	522,284	541,555	623,747	620,310	574,436
Northwestern U., Evanston	19	367,407	357,808	421,515	470,832	477,974	508,976	534,700	566,727	560,052
U. Minnesota	20	349,789	355,101	397,595	426,879	440,036	473,552	570,913	541,550	553,222
U. Texas, The, Austin	21	279,005	299,154	284,126	301,581	350,429	330,082	309,332	374,373	542,859
Pennsylvania State U.	22	362,055	428,910	459,042	519,996	462,734	508,209	469,628	445,842	505,013
Icahn School of Medicine at Mount Sinai	23	277,187	303,700	331,149	395,678	416,304	436,107	462,027	511,913	490,212
Emory U.	24	320,631	340,046	366,466	397,958	510,378	486,646	563,391	532,270	488,308
Harvard U.	25	448,052	447,531	463,810	486,225	439,767	484,719	439,764	562,429	483,053
U. Wisconsin-Madison	26	411,833	453,756	451,402	435,608	448,223	429,065	430,747	519,615	478,819
U. Southern California	27	325,150	405,815	411,099	408,662	416,928	484,727	458,530	493,726	448,129
Ohio State U., The	28	246,198	261,784	272,198	311,614	317,978	353,315	399,476	399,207	422,298
U. Florida	29	227,828	254,677	275,400	314,864	287,640	319,865	392,174	428,464	414,000
Georgia Institute of Technology	30	156,854	465,721	485,259	620,144	683,896	345,516	367,555	438,090	397,198
U. California, Davis	31	278,725	315,327	331,184	328,476	341,599	385,616	379,098	409,874	393,257
Massachusetts Institute of Technology	32	340,593	319,450	332,248	320,648	289,862	443,392	439,656	419,480	383,510
U. Alabama, The, Birmingham	33	247,440	249,235	306,667	348,770	336,080	336,501	344,047	364,699	362,672
Baylor C. Medicine	34	234,126	254,509	266,012	302,908	349,633	394,891	401,169	351,650	358,222
Case Western Reserve U.	35	290,270	287,373	299,102	308,892	310,444	205,896	338,477	350,741	351,755
U. Chicago, The	36	209,139	214,453	235,039	274,077	304,750	317,243	328,234	389,603	350,177
U. Utah, The	37	211,119	211,853	261,334	375,994	314,906	301,093	347,683	324,410	349,544

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Michigan State U.	38	171,263	192,228	205,607	217,585	255,737	274,656	312,207	384,521	347,851
Boston U.	39	223,233	205,854	229,865	292,711	261,021	316,001	366,643	397,766	343,658
U. California, Irvine	40	167,846	165,191	221,670	224,890	226,513	242,999	270,806	333,226	324,348
Rutgers, The State U. New Jersey	41	231,293	210,943	231,992	258,720	260,753	300,545	301,830	334,049	303,993
U. Texas Southwestern Medical Center, The	42	161,793	159,182	164,780	220,177	204,135	253,373	256,224	288,262	291,398
U. Maryland, College Park	43	210,644	214,138	230,320	232,794	239,287	310,753	297,371	353,817	290,349
Texas A&M U., College Station	44	172,732	187,550	220,551	238,488	225,213	299,165	300,614	284,721	288,552
U. Arizona	45	185,962	202,668	214,445	252,782	269,346	236,890	340,488	335,506	281,772
U. California, Berkeley	46	261,141	254,581	238,420	239,826	230,593	304,630	256,347	232,904	278,409
Oregon Health and Science U.	47	187,199	219,294	243,450	280,933	297,263	286,096	289,793	292,344	276,666
U. Illinois, Urbana-Champaign	48	242,707	246,468	232,651	255,206	261,652	277,801	269,871	318,926	274,137
Indiana U., Indianapolis	49	126,840	157,237	170,874	204,690	225,462	234,836	227,002	260,917	270,448
Association of Universities for Research in Astronomy	50	177,344	200,698	259,584	168,324	224,740	127,634	262,739	312,865	253,031
U. Virginia	51	170,947	169,555	171,658	207,615	203,895	223,387	247,464	257,018	252,548
U. Miami	52	146,562	146,113	170,948	203,011	185,694	221,285	235,359	264,900	239,639
U. Iowa	53	169,765	171,213	186,554	199,487	245,961	210,223	315,446	236,226	235,825
Virginia Polytechnic Institute and State U.	54	111,791	123,325	132,981	142,291	130,681	158,747	168,864	213,923	230,917
U. Texas M. D. Anderson Cancer Center, The	55	119,083	143,478	141,562	167,322	171,933	187,597	203,859	213,851	230,637
U. Rochester	56	168,545	243,074	265,204	267,291	275,289	199,608	214,069	219,687	230,352
U. Kentucky	57	129,103	138,343	171,054	188,877	210,253	221,038	215,325	221,097	213,669
U. Illinois, Chicago	58	133,214	137,361	145,678	185,499	192,318	182,292	187,288	223,135	210,633
U. Maryland, Baltimore	59	152,021	178,083	176,836	195,302	230,062	245,494	229,527	224,560	210,159
Arizona State U.	60	131,292	142,540	154,744	161,050	148,267	188,284	205,750	229,508	206,584
U. Wisconsin, System Office	61	14,742	14,208	18,828	53,288	58,670	156,209	148,259	188,002	205,117
North Carolina State U.	62	117,453	107,300	146,254	144,473	119,288	158,413	150,115	180,545	201,374
Purdue U., West Lafayette	63	153,761	151,161	159,990	196,195	192,585	238,801	223,435	277,977	196,297
Medical C. Wisconsin	64	89,839	74,246	98,784	106,187	118,260	115,904	112,422	136,928	194,652
U. Nebraska, Lincoln and Medical Center <sup>a</sup>	65	na	na	na	na	na	na	na	216,394	194,600
Utah State U.	66	60,793	80,531	91,820	134,160	131,357	114,349	78,754	110,453	192,560
U. Massachusetts, Medical School	67	149,018	147,492	150,484	147,574	282,305	173,376	168,136	173,454	190,332
Albert Einstein C. Medicine	68	142,469	163,903	158,970	167,293	186,597	180,903	183,860	177,514	185,075
Brown U.	69	108,874	124,447	131,955	158,109	159,630	197,987	183,991	196,917	180,969
California Institute of Technology	70	154,529	156,609	183,288	192,659	162,125	188,896	251,220	177,210	180,780
Wake Forest U.	71	111,755	120,940	130,104	140,143	125,135	129,454	153,187	178,153	179,356
U. Connecticut	72	106,800	110,037	120,492	120,535	138,998	158,097	170,193	207,226	177,937
Carnegie Mellon U.	73	110,746	263,309	259,936	292,261	266,223	192,063	210,552	139,156	173,943
U. Corp. for Atmospheric Research	74	39,550	62,824	54,260	60,765	67,774	35,390	176,701	195,505	171,812
U. Texas Health Science Center, The, Houston	75	84,281	86,926	88,944	117,411	129,419	146,302	121,693	165,989	170,998

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U. Kansas, Lawrence	76	103,892	101,423	125,114	133,263	128,632	132,710	142,207	164,230	162,119
Florida State U.	77	90,911	94,127	132,047	120,263	92,446	108,386	122,827	164,056	161,050
U. Georgia	78	90,283	100,065	127,209	133,082	129,902	144,465	155,592	180,032	157,612
Princeton U.	79	144,145	132,137	151,205	151,163	134,013	165,425	150,701	162,466	156,064
U. Texas Health Science Center, The, San Antonio	80	56,274	58,456	77,225	89,928	79,921	109,918	103,071	140,017	153,877
Scripps Research Institute, The	81	239,450	184,841	230,636	221,914	205,561	245,127	275,052	211,608	153,195
Woods Hole Oceanographic Institution	82	92,257	118,811	143,192	143,415	135,728	178,122	160,185	194,174	151,604
U. Oklahoma, The, Norman	83	70,822	89,730	126,055	142,381	170,663	127,461	140,997	199,065	150,613
Yeshiva U.	84	12,100	723	800	671	513	126	1,247	1,022	149,426
U. Cincinnati	85	73,054	66,878	84,871	83,281	98,466	126,962	105,986	113,571	145,559
Oregon State U.	86	96,721	98,853	90,284	95,222	139,068	159,471	137,548	196,195	143,651
Virginia Commonwealth U.	87	80,255	80,685	86,762	105,441	100,967	120,482	126,855	139,710	143,507
U. New Mexico	88	100,082	111,442	102,284	99,851	110,175	122,415	135,574	144,099	140,540
Colorado State U., Fort Collins	89	111,982	103,172	120,147	111,952	109,532	102,277	113,909	113,290	139,129
Louisiana State U., system office	90	81,726	86,431	91,309	106,806	116,999	121,091	134,735	135,252	135,321
U. Texas Medical Branch at Galveston, The	91	76,735	80,316	88,158	107,152	98,948	98,980	159,341	112,531	133,499
Medical U. South Carolina	92	106,360	117,877	120,207	123,876	131,225	132,997	132,078	133,168	132,428
Northeastern U.	93	74,546	78,957	97,577	105,051	77,803	103,698	134,170	164,476	131,479
U. South Florida, Tampa	94	84,517	134,157	62,029	92,765	110,419	127,839	136,531	176,629	128,993
Dartmouth C.	95	116,331	109,803	103,967	119,019	108,329	107,126	110,710	151,837	128,068
Washington State U.	96	80,559	80,511	100,261	89,873	99,199	108,444	100,374	118,747	122,912
Tufts U.	97	86,564	97,277	94,633	96,202	95,366	90,063	111,443	122,524	119,690
U. Delaware	98	95,579	116,879	104,107	113,179	115,032	213,817	137,643	151,546	119,685
U. South Carolina	99	64,805	64,962	68,328	74,599	71,159	91,472	101,217	126,355	119,378
Tulane U.	100	72,658	73,624	82,004	94,696	95,567	102,106	116,819	146,191	116,854
All other institutions	-	5,442,322	5,336,183	5,884,924	6,253,350	6,848,933	7,588,965	7,911,776	9,191,873	8,402,144

na = not applicable; institution did not exist or did not exist as a separate entity.

<sup>a</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. This is a result of a realignment within the University of Nebraska system that occurred on 22 June 2023.

**Note(s):**  
Detail may not add to total because of rounding. Institution order is based on total actual dollars received before amounts are rounded. For the FY 2020 survey, the Department of Defense (DOD) science and engineering support to higher education institutions and DOD R&D support to nonprofit organizations are known to be understated. However, the magnitude of the missing data is unknown. Data users should use caution when conducting any time series analysis that includes DOD obligations data for FY 2020.

**Source(s):**  
National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions; National Center for Science and Engineering Statistics, Federal Science and Engineering Support module of the Survey of Federal Funds for Research and Development.