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 2022: FYs 2014–22

(Dollars in thousands)

Institution	Rank	2014	2015	2016	2017	2018	2019	2020	2021	2022
All institutions	-	27,652,453	27,105,723	28,532,827	29,805,220	32,312,581	35,125,136	36,569,461	39,504,025	41,303,924
Johns Hopkins U.	1	1,402,095	1,340,730	1,805,420	1,658,299	1,753,500	1,856,091	1,915,151	1,817,726	1,753,812
U. Washington	2	658,813	611,946	590,270	612,729	665,699	726,634	728,359	787,213	873,274
U. California, San Diego	3	580,763	536,626	554,478	586,657	636,413	679,558	652,353	792,907	848,318
U. California, San Francisco	4	546,278	528,494	547,197	573,522	616,954	675,389	644,405	714,877	836,277
U. Michigan	5	860,759	606,141	626,143	656,721	703,767	745,826	755,646	774,551	827,701
Columbia U. in the City of New York	6	465,500	476,126	522,581	534,659	601,764	653,357	699,887	761,354	803,388
Stanford U.	7	478,346	504,036	513,877	550,247	576,305	612,541	630,591	696,510	778,508
U. Colorado Boulder	8	385,625	416,667	438,819	442,173	517,162	511,533	538,927	657,760	754,809
Duke U.	9	440,787	428,530	467,848	490,343	543,712	629,089	639,338	810,504	745,052
U. California, Los Angeles	10	487,210	481,832	490,824	492,364	509,919	555,095	750,550	686,615	737,785
U. Pittsburgh	11	470,597	450,011	493,568	503,566	558,248	581,756	600,173	679,319	737,138
U. Pennsylvania	12	542,396	494,607	512,082	509,277	540,929	625,480	593,581	681,663	723,114
Washington U., Saint Louis	13	394,310	391,624	408,896	447,831	484,554	535,085	543,546	639,462	643,672
U. North Carolina, The, Chapel Hill	14	450,660	416,768	452,366	430,253	475,557	535,560	522,284	541,555	623,747
Yale U.	15	398,770	370,816	425,576	431,569	466,892	530,722	552,583	596,130	598,880
U. Minnesota	16	378,921	359,461	349,789	355,101	397,595	426,879	440,036	473,552	570,913
Emory U.	17	293,672	324,214	320,631	340,046	366,466	397,958	510,378	486,646	563,391
Northwestern U., Evanston	18	296,873	337,041	367,407	357,808	421,515	470,832	477,974	508,976	534,700
Cornell U., Ithaca	19	329,576	296,351	303,589	369,063	378,105	423,722	427,158	497,611	532,256
Vanderbilt U.	20	336,787	329,324	379,809	368,557	405,411	422,500	518,360	507,806	532,130
New York U.	21	287,717	263,766	272,971	328,463	356,173	430,178	436,813	893,817	509,567
Pennsylvania State U.	22	384,725	362,917	362,055	428,910	459,042	519,996	462,734	508,209	469,628
Icahn School of Medicine at Mount Sinai	23	239,510	262,365	277,187	303,700	331,149	395,678	416,304	436,107	462,027
U. Southern California	24	285,563	289,173	325,150	405,815	411,099	408,662	416,928	484,727	458,530
Harvard U.	25	460,630	425,493	448,052	447,531	463,810	486,225	439,767	484,719	439,764
Massachusetts Institute of Technology	26	333,968	350,511	340,593	319,450	332,248	320,648	289,862	443,392	439,656
U. Wisconsin-Madison	27	397,471	386,613	411,833	453,756	451,402	435,608	448,223	429,065	430,747
Baylor C. Medicine	28	226,548	227,525	234,126	254,509	266,012	302,908	349,633	394,891	401,169
Ohio State U., The	29	229,590	232,525	246,198	261,784	272,198	311,614	317,978	353,315	399,476
U. Florida	30	203,233	238,976	227,828	254,677	275,400	314,864	287,640	319,865	392,174
U. California, Davis	31	307,833	315,418	278,725	315,327	331,184	328,476	341,599	385,616	379,098
Georgia Institute of Technology	32	249,048	295,180	156,854	465,721	485,259	620,144	683,896	345,516	367,555
Boston U.	33	205,212	188,238	223,233	205,854	229,865	292,711	261,021	316,001	366,643
U. Utah, The	34	214,777	201,418	211,119	211,853	261,334	375,994	314,906	301,093	347,683
U. Alabama, The, Birmingham	35	238,847	254,213	247,440	249,235	306,667	348,770	336,080	336,501	344,047

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U. Arizona	36	206,746	168,890	185,962	202,668	214,445	252,782	269,346	236,890	340,488
Case Western Reserve U.	37	257,772	273,299	290,270	287,373	299,102	308,892	310,444	205,896	338,477
U. Chicago, The	38	212,001	224,188	209,139	214,453	235,039	274,077	304,750	317,243	328,234
U. Iowa	39	178,885	166,585	169,765	171,213	186,554	199,487	245,961	210,223	315,446
Michigan State U.	40	159,252	167,846	171,263	192,228	205,607	217,585	255,737	274,656	312,207
U. Texas, The, Austin	41	186,309	203,402	279,005	299,154	284,126	301,581	350,429	330,082	309,332
Rutgers, The State U. New Jersey	42	236,767	201,749	231,293	210,943	231,992	258,720	260,753	300,545	301,830
Texas A&M U., College Station	43	111,966	168,088	172,732	187,550	220,551	238,488	225,213	299,165	300,614
U. Maryland, College Park	44	215,838	206,311	210,644	214,138	230,320	232,794	239,287	310,753	297,371
Oregon Health and Science U.	45	212,632	198,947	187,199	219,294	243,450	280,933	297,263	286,096	289,793
Scripps Research Institute, The	46	220,462	190,378	239,450	184,841	230,636	221,914	205,561	245,127	275,052
U. California, Irvine	47	164,159	157,691	167,846	165,191	221,670	224,890	226,513	242,999	270,806
U. Illinois, Urbana-Champaign	48	280,101	216,463	242,707	246,468	232,651	255,206	261,652	277,801	269,871
Association of Universities for Research in Astronomy	49	151,155	162,697	177,344	200,698	259,584	168,324	224,740	127,634	262,739
U. California, Berkeley	50	279,117	294,999	261,141	254,581	238,420	239,826	230,593	304,630	256,347
U. Texas Southwestern Medical Center, The	51	154,830	144,228	161,793	159,182	164,780	220,177	204,135	253,373	256,224
California Institute of Technology	52	149,454	151,454	154,529	156,609	183,288	192,659	162,125	188,896	251,220
U. Virginia	53	144,618	137,231	170,947	169,555	171,658	207,615	203,895	223,387	247,464
U. Miami	54	146,255	138,620	146,562	146,113	170,948	203,011	185,694	221,285	235,359
U. Maryland, Baltimore	55	150,793	136,640	152,021	178,083	176,836	195,302	230,062	245,494	229,527
Indiana U.-Purdue U., Indianapolis	56	114,945	116,410	126,840	157,237	170,874	204,690	225,462	234,836	227,002
Purdue U., West Lafayette	57	149,658	156,707	153,761	151,161	159,990	196,195	192,585	238,801	223,435
U. Kentucky	58	129,596	136,971	129,103	138,343	171,054	188,877	210,253	221,038	215,325
U. Rochester	59	234,386	232,202	168,545	243,074	265,204	267,291	275,289	199,608	214,069
Carnegie Mellon U.	60	121,273	104,277	110,746	263,309	259,936	292,261	266,223	192,063	210,552
Arizona State U.	61	116,151	141,302	131,292	142,540	154,744	161,050	148,267	188,284	205,750
U. Texas M. D. Anderson Cancer Center, The	62	120,544	116,087	119,083	143,478	141,562	167,322	171,933	187,597	203,859
U. Illinois, Chicago	63	143,748	128,419	133,214	137,361	145,678	185,499	192,318	182,292	187,288
Brown U.	64	96,239	97,076	108,874	124,447	131,955	158,109	159,630	197,987	183,991
Albert Einstein C. Medicine	65	0	0	142,469	163,903	158,970	167,293	186,597	180,903	183,860
U. Corp. for Atmospheric Research	66	42,016	36,541	39,550	62,824	54,260	60,765	67,774	35,390	176,701

TABLE 7

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U. Connecticut	67	98,455	105,372	106,800	110,037	120,492	120,535	138,998	158,097	170,193
Virginia Polytechnic Institute and State U.	68	129,822	114,066	111,791	123,325	132,981	142,291	130,681	158,747	168,864
U. Massachusetts, Medical School	69	132,232	126,477	149,018	147,492	150,484	147,574	282,305	173,376	168,136
Woods Hole Oceanographic Institution	70	100,944	97,728	92,257	118,811	143,192	143,415	135,728	178,122	160,185
U. Texas Medical Branch at Galveston, The	71	78,975	75,194	76,735	80,316	88,158	107,152	98,948	98,980	159,341
U. California, Santa Barbara	72	105,827	96,637	95,567	99,769	105,293	109,185	104,315	231,982	156,306
U. Georgia	73	99,290	100,833	90,283	100,065	127,209	133,082	129,902	144,465	155,592
Princeton U.	74	147,487	134,495	144,145	132,137	151,205	151,163	134,013	165,425	150,701
North Carolina State U.	75	98,098	133,487	117,453	107,300	146,254	144,473	119,288	158,413	150,115
Wake Forest U.	76	117,560	131,048	111,755	120,940	130,104	140,143	125,135	129,454	149,085
U. Wisconsin, System Office	77	17,001	20,895	14,742	14,208	18,828	53,288	58,670	156,209	148,259
U. Kansas, Lawrence	78	109,632	103,996	103,892	101,423	125,114	133,263	128,632	132,710	142,207
U. Oklahoma, The, Norman	79	69,850	75,287	70,822	89,730	126,055	142,381	170,663	127,461	140,997
U. Delaware	80	84,462	68,500	95,579	116,879	104,107	113,179	115,032	213,817	137,643
Oregon State U.	81	93,346	99,216	96,721	98,853	90,284	95,222	139,068	159,471	137,548
U. South Florida, Tampa	82	76,248	117,543	84,517	134,157	62,029	92,765	110,419	127,839	136,531
U. New Mexico	83	92,757	104,369	100,082	111,442	102,284	99,851	110,175	122,415	135,574
Louisiana State U., system office	84	81,060	76,768	81,726	86,431	91,309	106,806	116,999	121,091	134,735
Northeastern U.	85	53,056	65,238	74,546	78,957	97,577	105,051	77,803	103,698	134,170
U. California, Office of the President	86	5,320	2,095	47,217	46,651	40,825	40,838	64,333	14,891	132,923
Medical U. South Carolina	87	89,527	93,330	106,360	117,877	120,207	123,876	131,225	132,997	132,078
Virginia Commonwealth U.	88	99,487	96,743	80,255	80,685	86,762	105,441	100,967	120,482	126,855
Florida State U.	89	87,278	82,064	90,911	94,127	132,047	120,263	92,446	108,386	122,827
U. Texas Health Science Center, The, Houston	90	85,233	72,510	84,281	86,926	88,944	117,411	129,419	146,302	121,693
State U. New York, The, U. at Buffalo	91	49,500	50,401	53,697	55,860	62,307	61,130	70,956	69,086	121,610
Tulane U.	92	61,027	59,724	72,658	73,624	82,004	94,696	95,567	102,106	116,819
Colorado State U., Fort Collins	93	92,593	104,085	111,982	103,172	120,147	111,952	109,532	102,277	113,909
Medical C. Wisconsin	94	84,807	82,188	89,839	74,246	98,784	106,187	118,260	115,904	112,422
Tufts U.	95	75,551	75,574	86,564	97,277	94,633	96,202	95,366	90,063	111,443
Dartmouth C.	96	110,154	105,581	116,331	109,803	103,967	119,019	108,329	107,126	110,710
George Washington U., The	97	92,524	96,243	119,907	121,272	125,850	126,871	104,046	109,926	109,383

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Institution	Rank	2014	2015	2016	2017	2018	2019	2020	2021	2022
Stony Brook U.	98	90,956	83,413	93,112	100,464	101,130	111,579	117,441	108,436	107,707
U. Cincinnati	99	68,194	70,145	73,054	66,878	84,871	83,281	98,466	126,962	105,986
U. Texas Health Science Center, The, San Antonio	100	71,388	58,410	56,274	58,456	77,225	89,928	79,921	109,918	103,071
All other institutions	-	5,151,738	5,154,696	5,252,338	5,140,247	5,710,729	6,103,953	6,691,267	7,370,847	7,571,448

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.