

TABLE 4

**Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by the total amount received in FY 2019: FYs 2011–19**

(Dollars in thousands)

Institution	Rank	2011	2012	2013	2014	2015	2016	2017	2018	2019
All institutions	-	31,761,813.9	31,216,406.9	29,406,914.3	31,158,783.3	30,562,878.0	31,648,932.4	32,439,650.5	35,303,817.9	38,084,768.1
Johns Hopkins U.	1	1,672,208.0	1,606,900.5	1,538,502.6	1,676,949.4	1,552,227.4	1,854,227.9	1,708,000.4	1,821,980.8	1,892,204.4
U. Washington	2	694,703.6	718,605.0	662,920.7	717,737.5	659,586.5	641,790.5	667,400.0	754,867.2	899,369.4
U. Michigan	3	694,653.7	674,228.1	609,859.1	913,037.8	646,672.7	668,204.0	700,049.6	755,352.3	787,253.0
U. California, San Francisco	4	560,303.4	571,435.5	573,638.4	582,895.2	571,143.5	603,242.2	628,270.1	671,791.5	717,661.9
U. California, San Diego	5	583,216.7	621,620.4	565,551.1	621,901.8	584,260.8	596,285.6	639,089.1	683,945.5	708,741.1
Columbia U. in the City of New York	6	490,265.4	510,402.7	477,051.2	489,856.9	515,509.1	554,714.3	574,306.1	646,839.5	687,042.9
U. Pennsylvania	7	551,527.3	533,791.8	540,124.2	596,354.8	547,171.7	556,027.1	552,306.4	584,497.8	657,773.3
Duke U.	8	457,108.7	493,369.8	454,284.4	475,962.4	463,109.2	508,315.4	523,037.3	578,216.7	643,834.6
Stanford U.	9	502,460.6	504,206.5	495,617.1	531,655.2	540,336.2	552,199.3	581,147.8	620,967.9	633,211.0
Georgia Institute of Technology	10	332,834.8	416,065.6	385,604.9	349,469.1	366,632.5	167,638.5	473,320.3	501,113.4	630,138.4
U. Pittsburgh	11	494,269.3	518,820.8	465,624.9	508,517.6	494,696.9	532,631.6	544,465.5	600,144.4	617,451.8
U. North Carolina, Chapel Hill	12	448,831.3	451,434.3	441,716.6	474,386.5	440,480.4	482,957.5	460,651.9	517,178.4	586,017.7
U. California, Los Angeles	13	521,260.1	502,660.4	481,160.9	523,217.5	510,425.8	517,168.8	522,728.9	544,388.7	572,994.0
Washington U., Saint Louis	14	408,944.7	419,207.1	372,133.8	423,968.0	422,772.7	439,839.6	476,402.6	523,135.9	564,535.4
U. Colorado Boulder	15	443,395.2	443,048.7	448,386.8	453,638.8	460,851.1	495,971.9	481,184.0	563,571.9	550,289.3
Pennsylvania State U.	16	524,843.7	465,691.1	392,857.3	423,034.6	404,717.1	401,873.6	450,199.9	485,377.6	548,041.0
Yale U.	17	449,577.3	434,000.7	412,470.3	429,890.0	405,152.9	458,249.3	460,096.6	497,757.1	547,735.6
Harvard U.	18	502,148.4	512,624.9	458,699.7	499,288.5	463,309.9	474,655.0	490,074.7	500,413.9	506,538.8
Northwestern U., Evanston	19	301,087.9	319,442.1	314,781.9	319,344.3	369,726.7	393,276.6	395,551.2	454,904.9	494,348.2
U. Minnesota	20	539,510.3	430,149.3	410,565.5	421,524.0	407,740.8	393,056.1	384,797.0	431,132.6	467,132.2
U. Wisconsin-Madison	21	479,600.9	472,454.7	440,354.1	447,273.2	447,256.3	462,157.3	485,332.5	481,775.8	463,044.3
Cornell U., Ithaca	22	387,144.6	374,924.2	368,553.3	376,005.9	340,856.4	361,374.3	409,276.6	419,788.2	451,339.2
Vanderbilt U.	23	374,030.1	385,951.0	373,566.4	366,319.5	360,584.6	409,154.7	395,482.9	449,784.8	450,760.4
New York U.	24	264,271.0	267,421.6	255,178.1	366,408.3	280,925.7	310,341.0	350,008.4	377,550.8	446,777.6
U. Southern California	25	337,527.0	321,380.8	300,322.6	308,235.2	312,461.8	335,331.7	422,562.1	432,805.6	424,202.8
Emory U.	26	324,740.0	318,548.6	305,765.4	305,186.8	336,166.6	335,413.1	358,649.1	386,029.0	420,776.9
Icahn School of Medicine at Mt. Sinai	27	193,220.9	196,922.5	213,885.6	249,337.8	271,946.0	291,535.1	317,034.9	345,548.1	404,772.8
U. Utah	28	211,674.4	220,261.2	207,313.8	227,759.0	210,793.0	231,589.4	231,648.4	284,963.4	392,864.7
U. Alabama, Birmingham	29	251,875.8	240,434.8	223,512.3	255,018.5	277,225.9	262,891.1	262,602.9	331,895.2	364,763.4
U. Texas, Austin	30	226,983.9	303,760.2	178,484.2	196,482.2	212,393.0	296,024.9	312,149.6	360,614.5	361,860.3
U. California, Davis	31	327,780.0	312,699.3	333,824.9	343,352.4	357,828.5	320,140.9	334,889.2	353,263.2	352,732.7
Ohio State U.	32	260,310.9	261,547.6	249,216.4	263,815.8	260,539.7	282,424.9	275,897.3	292,323.0	352,326.6
U. Florida	33	224,620.5	229,985.6	221,513.8	232,661.7	280,251.7	252,660.6	293,028.9	295,828.8	342,571.2
Massachusetts Institute of Technology	34	336,355.1	375,057.1	339,998.9	369,286.8	374,061.9	360,239.6	338,579.4	354,218.4	333,396.1
Case Western Reserve U.	35	287,025.2	288,001.3	287,673.8	275,323.1	285,692.3	310,794.2	300,568.4	318,699.2	320,265.4

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Baylor C. of Medicine	36	243,296.4	274,404.1	244,067.7	240,652.0	240,391.8	257,630.1	281,481.0	297,378.8	313,355.2
Boston U.	37	237,166.9	227,469.2	203,567.5	217,317.9	203,154.2	237,666.7	222,750.5	245,677.3	309,363.8
Michigan State U.	38	210,562.5	197,516.3	206,009.8	242,806.9	293,211.1	304,421.8	300,736.8	311,742.8	302,216.2
Carnegie Mellon U.	39	137,923.0	133,587.2	151,524.5	136,718.6	123,837.7	125,624.9	272,671.8	267,402.9	296,971.8
Oregon Health and Science U.	40	215,582.1	212,969.1	206,186.7	222,445.3	211,545.3	208,743.9	235,075.0	256,299.4	289,552.2
U. Chicago	41	262,268.2	251,813.7	213,015.2	231,188.8	240,870.3	225,095.6	232,987.5	253,086.1	286,078.4
U. Rochester	42	261,863.9	262,852.5	237,345.7	244,676.7	245,504.1	181,166.7	257,113.7	287,017.8	279,922.7
U. Arizona	43	258,540.0	283,473.2	231,903.2	222,788.0	192,159.6	211,508.3	224,132.1	238,551.3	277,967.0
U. Illinois, Urbana-Champaign	44	351,180.9	361,820.7	284,676.7	305,112.1	249,908.6	274,972.9	271,021.8	246,392.5	276,246.5
Rutgers, State U. New Jersey	45	315,401.2	276,610.8	230,737.7	256,794.7	227,950.4	248,527.9	218,340.1	250,431.2	275,427.8
Texas A&M U., College Station	46	161,711.0	175,604.0	142,578.1	143,241.4	201,273.6	206,574.4	201,713.9	234,029.7	258,470.8
U. California, Berkeley	47	296,407.4	292,144.9	283,842.5	298,960.7	319,861.4	278,540.4	267,032.3	249,564.8	256,027.5
Association of Universities for Research in Astronomy	48	92,624.7	150,249.7	187,721.3	215,535.0	267,457.1	290,663.9	279,176.7	353,554.8	250,589.6
U. Maryland, College Park	49	174,171.3	240,585.4	227,283.7	238,836.7	233,791.9	235,036.7	220,808.6	245,149.9	250,283.4
U. California, Irvine	50	194,882.2	191,427.3	197,874.6	175,783.0	175,509.4	181,119.1	181,488.1	228,917.8	231,085.6
Scripps Research Institute	51	237,256.5	244,149.9	231,333.0	222,694.1	192,185.3	242,154.3	187,730.7	234,875.0	225,743.5
U. Virginia	52	176,230.5	173,993.5	152,452.2	161,892.8	154,838.3	182,733.1	184,426.3	192,289.5	224,555.0
U. Texas Southwestern Medical Center	53	185,991.7	178,825.5	151,363.0	165,761.3	155,823.6	173,406.3	172,640.6	177,896.9	224,545.7
U. Iowa	54	218,252.8	216,977.8	190,436.3	193,638.3	182,929.1	190,739.8	182,110.8	210,694.3	215,721.6
Indiana U.-Purdue U., Indianapolis	55	133,071.6	125,299.9	114,773.6	122,387.1	134,790.0	137,062.8	169,458.3	196,721.8	214,243.8
Purdue U., West Lafayette	56	191,480.1	176,625.7	166,956.2	176,769.7	185,316.2	176,639.1	162,947.0	171,410.6	212,045.7
California Institute of Technology	57	206,825.1	196,965.6	186,915.1	198,113.5	157,037.6	160,359.1	162,495.0	197,325.6	211,717.2
Oregon State U.	58	110,824.7	101,375.8	105,649.5	114,729.0	125,689.3	116,502.3	228,641.1	183,785.3	211,715.2
U. Illinois, Chicago	59	177,547.1	166,172.9	170,992.9	155,239.1	142,389.8	145,694.7	146,914.4	161,943.3	208,579.3
U. Miami	60	183,613.0	175,046.6	169,160.0	154,065.2	150,644.3	161,132.9	154,296.3	177,273.4	208,280.4
U. Kentucky	61	143,312.8	133,852.3	125,605.5	145,781.0	155,455.0	155,115.2	146,076.5	180,726.0	207,090.0
U. Maryland, Baltimore	62	215,034.2	186,600.6	166,991.2	155,284.2	141,158.3	170,342.6	191,433.0	187,363.0	200,294.8
North Carolina State U.	63	151,914.7	140,047.9	141,260.1	126,975.8	174,527.6	155,559.9	121,848.9	166,120.1	176,836.6
Albert Einstein C. of Medicine	64	0.0	0.0	0.0	0.0	0.0	147,517.7	174,137.7	165,322.8	173,537.0
Arizona State U.	65	146,157.8	174,022.4	153,975.6	132,402.7	150,945.5	153,087.2	149,717.5	162,075.0	173,111.7
U. Texas M. D. Anderson Cancer Center	66	159,906.7	162,742.9	132,734.1	125,060.4	125,314.9	129,867.7	155,319.0	151,197.9	169,602.3
Brown U.	67	106,759.6	101,850.4	98,647.9	103,138.4	102,840.3	113,555.9	131,608.6	139,029.0	163,994.5
U. Oklahoma, Norman	68	80,060.6	75,789.3	76,328.8	75,846.3	85,208.6	74,149.2	95,059.9	132,712.7	157,164.5
Princeton U.	69	137,760.8	148,789.7	136,881.1	153,236.9	143,334.4	151,793.4	138,432.4	163,582.1	156,573.4
Woods Hole Oceanographic Institution	70	117,591.6	115,739.6	105,134.1	109,218.0	104,353.1	99,820.9	132,089.6	158,092.9	153,602.5
U. Massachusetts, Medical School	71	164,647.6	149,503.3	142,528.5	138,981.1	143,045.8	154,462.8	151,732.3	161,127.6	153,016.6

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Virginia Polytechnic Institute and State U.	72	158,032.9	139,453.2	150,271.4	149,739.9	138,573.8	135,038.0	138,891.8	140,457.1	152,534.5
U. Georgia	73	97,073.7	102,838.6	94,318.5	116,338.6	122,569.1	110,717.5	105,326.0	135,476.9	144,161.6
Wake Forest U.	74	131,174.3	129,264.2	123,616.2	121,282.4	135,496.5	116,631.7	128,017.3	134,651.7	143,841.5
U. Kansas, Lawrence	75	128,309.3	135,265.1	102,349.4	115,068.5	106,747.9	109,181.5	105,827.9	134,628.5	142,809.3
Utah State U.	76	91,469.7	81,722.1	81,125.9	86,870.5	62,750.3	68,167.4	82,259.8	93,659.1	136,859.3
Medical U. South Carolina	77	107,800.0	97,827.3	92,103.9	97,049.1	100,536.5	115,126.5	126,494.4	137,868.5	134,967.3
George Washington U.	78	72,087.9	101,325.2	91,284.8	104,842.3	99,725.7	123,963.6	125,263.5	134,722.2	129,506.0
U. Delaware	79	112,591.8	78,326.1	80,445.0	91,990.8	76,032.8	102,968.1	119,726.4	112,109.5	127,858.3
Colorado State U., Fort Collins	80	122,699.1	119,609.7	124,785.8	126,798.8	155,377.1	135,929.7	112,934.3	134,501.3	127,752.8
U. Connecticut	81	114,858.1	107,137.5	105,461.3	109,322.4	119,283.3	115,888.3	118,048.1	128,945.5	126,198.1
Mississippi State U.	82	65,239.7	52,560.2	49,604.8	52,925.9	60,418.4	64,632.9	73,625.8	83,817.2	123,518.4
Florida State U.	83	88,208.0	92,333.6	95,804.8	93,110.1	86,941.7	109,393.2	97,913.2	136,486.4	123,438.8
Dartmouth C.	84	104,974.5	98,830.8	106,692.9	114,760.3	113,477.0	122,397.9	115,475.5	112,818.3	123,096.5
U. Texas Health Science Center, Houston	85	98,349.0	86,477.1	89,376.2	92,139.7	74,311.9	88,601.9	93,734.3	95,874.1	122,208.1
SUNY, Stony Brook U., Stony Brook	86	99,167.2	95,718.7	91,507.5	95,329.1	91,148.9	103,848.0	104,369.4	105,651.2	118,906.4
Louisiana State U.	87	132,204.4	131,837.0	116,420.0	96,439.2	93,999.0	96,066.6	100,766.1	97,611.2	116,803.6
U. New Mexico	88	113,885.6	106,448.9	96,634.1	103,533.4	111,649.1	108,797.7	122,852.7	114,558.8	114,483.6
U. California, Santa Barbara	89	128,185.9	107,062.3	110,682.1	116,039.1	102,246.6	100,306.3	103,094.9	108,407.3	113,313.3
Virginia Commonwealth U.	90	99,564.1	99,146.2	96,944.0	114,061.1	101,540.3	88,246.9	92,154.9	100,045.0	113,092.3
Medical C. Wisconsin	91	94,958.5	103,764.0	91,773.1	87,094.6	86,481.3	100,765.8	78,681.4	104,596.8	112,550.1
U. Texas Medical Branch at Galveston	92	86,618.0	95,354.5	86,088.3	81,410.9	82,935.3	80,416.0	85,410.0	93,497.0	109,705.9
Northeastern U.	93	62,295.0	52,760.2	51,968.1	54,705.8	66,963.9	76,701.7	84,005.5	101,255.3	107,139.4
U. Alaska, Fairbanks, Fairbanks Campus	94	78,929.3	59,707.7	64,341.2	75,252.5	69,426.4	69,773.2	81,959.7	77,374.6	102,952.0
Washington State U.	95	95,457.7	80,746.1	75,720.8	84,986.6	98,631.5	99,111.7	84,128.7	108,057.4	102,084.6
U. Hawaii, Manoa	96	111,262.0	96,423.2	89,833.4	90,020.1	81,365.9	52,304.5	76,639.3	87,193.0	101,017.4
Tulane U.	97	86,699.2	70,303.2	72,864.9	64,937.9	64,655.4	77,535.2	76,859.9	83,374.8	100,836.0
Temple U.	98	72,754.5	84,667.2	77,571.2	91,506.0	97,516.6	105,987.2	101,897.5	104,496.5	99,727.5
U. South Florida, Tampa	99	111,927.5	98,345.8	57,479.4	81,190.8	122,501.4	88,661.3	139,227.4	64,513.1	98,860.6
Tufts U.	100	80,184.5	90,372.7	91,590.4	84,206.4	81,962.7	96,338.2	101,602.4	97,995.6	98,138.7
All other institutions	-	6,496,720.3	6,026,823.1	5,779,086.4	6,026,661.7	5,987,851.0	6,012,046.6	5,656,026.8	6,279,745.9	6,826,108.2

**Note(s):**

Detail may not add to total because of rounding. Institution order is based on total actual dollars received before amounts are rounded.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions.