

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 2019: FYs 2011–19

(Dollars in thousands)

Institution	Rank	2011	2012	2013	2014	2015	2016	2017	2018	2019
All institutions	-	28,203,273.4	27,699,527.0	26,156,379.1	27,652,453.0	27,105,722.9	28,532,827.3	29,805,219.8	32,312,580.9	35,125,460.1
Johns Hopkins U.	1	1,374,916.0	1,359,091.4	1,266,769.9	1,402,094.6	1,340,729.6	1,805,420.1	1,658,298.8	1,753,499.8	1,856,090.9
U. Michigan	2	647,527.3	623,342.2	574,995.6	860,758.8	606,141.5	626,142.5	656,721.4	703,766.6	745,826.3
U. Washington	3	640,134.3	666,065.9	605,210.5	658,813.5	611,946.1	590,270.2	612,729.0	665,699.3	726,633.8
U. California, San Diego	4	546,832.6	584,593.6	510,907.1	580,763.1	536,625.6	554,478.3	586,656.5	636,413.4	679,558.4
U. California, San Francisco	5	525,793.2	546,048.0	524,061.1	546,277.7	528,493.6	547,196.6	573,522.0	616,954.0	675,389.1
Columbia U. in the City of New York	6	464,101.5	478,986.4	454,301.1	465,499.8	476,125.7	522,580.5	534,658.8	601,763.8	653,356.9
Duke U.	7	436,753.1	431,687.6	424,451.6	440,787.0	428,529.6	467,847.7	490,342.6	543,712.1	629,089.0
U. Pennsylvania	8	515,717.9	497,030.1	498,295.4	542,396.5	494,607.4	512,081.9	509,277.3	540,929.3	625,480.2
Georgia Institute of Technology	9	240,793.1	248,670.7	292,358.9	249,047.5	295,180.1	156,853.8	465,721.3	485,259.0	620,143.6
Stanford U.	10	471,489.3	475,348.3	461,139.2	478,346.0	504,036.1	513,877.0	550,246.9	576,305.1	612,541.2
U. Pittsburgh	11	459,692.4	475,736.2	425,886.6	470,596.9	450,010.9	493,567.9	503,566.3	558,247.7	581,755.6
U. California, Los Angeles	12	493,091.7	474,971.9	452,505.3	487,210.4	481,831.8	490,824.4	492,364.3	509,918.8	555,094.6
U. North Carolina, Chapel Hill	13	421,737.5	425,506.5	419,478.5	450,660.5	416,768.2	452,365.6	430,253.5	475,556.8	535,560.2
Washington U., Saint Louis	14	382,249.8	393,729.2	348,060.8	394,310.2	391,623.6	408,896.5	447,830.8	484,553.6	535,084.5
Yale U.	15	424,182.2	409,639.7	383,426.9	398,769.8	370,816.1	425,575.6	431,569.1	466,892.3	530,722.1
Pennsylvania State U.	16	473,445.8	411,896.5	349,950.7	384,725.5	362,916.7	362,055.0	428,910.4	459,041.9	519,995.7
U. Colorado Boulder	17	389,196.4	394,013.9	389,982.4	385,624.7	416,666.8	438,819.3	442,173.1	517,162.4	511,533.1
Harvard U.	18	475,246.2	480,833.5	425,667.7	460,629.5	425,493.1	448,051.5	447,531.0	463,810.1	486,225.3
Northwestern U., Evanston	19	285,903.7	302,712.2	296,763.6	296,873.3	337,040.6	367,407.5	357,807.9	421,514.8	470,831.7
U. Wisconsin-Madison	20	418,226.8	417,160.8	386,174.5	397,471.4	386,612.7	411,832.9	453,755.9	451,401.6	435,607.6
New York U.	21	236,098.3	252,038.4	240,460.3	287,716.8	263,765.6	272,971.2	328,462.7	356,173.4	430,177.6
U. Minnesota	22	489,889.5	388,864.0	373,370.8	378,920.8	359,460.9	349,788.9	355,100.7	397,594.9	426,879.1
Cornell U., Ithaca	23	325,756.1	332,492.2	321,805.8	329,575.8	296,350.7	303,588.6	369,062.8	378,104.5	423,721.6
Vanderbilt U.	24	352,638.8	359,283.9	347,493.1	336,787.0	329,324.4	379,808.6	368,557.2	405,411.2	422,500.3
U. Southern California	25	308,884.8	306,840.1	276,893.2	285,562.6	289,173.2	325,150.4	405,814.8	411,099.4	408,661.9
Emory U.	26	312,104.2	303,255.5	289,807.3	293,671.6	324,214.1	320,630.9	340,045.6	366,465.8	397,957.6
Icahn School of Medicine at Mt. Sinai	27	182,633.3	187,399.1	207,051.3	239,509.9	262,364.6	277,187.3	303,700.2	331,148.6	395,677.6
U. Utah	28	200,067.4	206,309.6	195,127.7	214,776.6	201,418.0	211,119.2	211,853.4	261,333.5	375,993.6
U. Alabama, Birmingham	29	238,121.3	228,808.2	208,928.4	238,847.1	254,213.1	247,440.3	249,235.3	306,666.6	348,770.2
U. California, Davis	30	284,314.3	282,135.6	294,866.0	307,832.5	315,417.6	278,725.5	315,327.5	331,184.5	328,475.6
Massachusetts Institute of Technology	31	317,966.3	358,084.9	309,965.2	333,968.4	350,511.1	340,593.3	319,450.1	332,248.4	320,647.6
U. Florida	32	188,534.5	201,759.1	199,019.0	203,232.9	238,975.7	227,827.7	254,677.3	275,399.9	314,864.5
Ohio State U.	33	231,474.1	232,397.5	223,378.4	229,590.2	232,525.2	246,197.5	261,784.3	272,198.0	311,613.8
Case Western Reserve U.	34	276,627.4	272,422.8	276,652.5	257,772.2	273,298.6	290,269.7	287,372.6	299,101.8	308,891.6
Baylor C. of Medicine	35	226,431.5	257,567.1	215,354.1	226,548.0	227,525.5	234,125.9	254,509.1	266,011.9	302,907.9

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U. Texas, Austin	36	190,250.6	234,211.8	165,124.2	186,308.9	203,401.8	279,004.6	299,153.8	284,126.1	301,580.6
Boston U.	37	227,341.6	216,258.4	191,489.3	205,211.7	188,238.4	223,232.8	205,854.5	229,864.7	292,710.7
Carnegie Mellon U.	38	124,641.4	110,733.1	136,323.3	121,272.6	104,276.9	110,746.2	263,309.4	259,936.1	292,261.3
Oregon Health and Science U.	39	202,914.5	195,498.7	196,011.0	212,631.9	198,946.8	187,199.1	219,293.6	243,449.8	280,932.7
U. Chicago	40	239,681.6	232,254.1	198,845.5	212,001.1	224,187.8	209,138.8	214,453.0	235,038.7	274,077.3
U. Rochester	41	249,920.7	251,590.4	226,575.1	234,385.7	232,202.4	168,544.6	243,073.7	265,203.8	267,290.8
Rutgers, State U. New Jersey	42	279,797.7	249,228.9	212,247.1	236,767.4	201,748.7	231,292.5	210,942.8	231,992.0	258,720.4
U. Illinois, Urbana-Champaign	43	326,454.8	210,483.0	241,817.5	280,101.3	216,463.4	242,707.0	246,468.3	232,650.9	255,205.7
U. Arizona	44	238,860.5	265,080.8	215,562.9	206,746.4	168,890.3	185,962.2	202,668.4	214,444.7	252,782.1
U. California, Berkeley	45	273,542.4	274,769.7	260,807.4	279,116.6	294,999.3	261,141.2	254,580.7	238,419.8	239,825.9
Texas A&M U., College Station	46	119,933.3	142,130.5	115,257.2	111,965.5	168,087.9	172,732.1	187,550.0	220,551.3	238,487.5
U. Maryland, College Park	47	156,861.5	221,386.9	202,657.3	215,837.9	206,310.8	210,643.9	214,138.4	230,319.6	232,793.8
U. California, Irvine	48	183,344.6	180,145.5	184,933.4	164,159.1	157,691.2	167,845.9	165,191.0	221,669.8	224,890.2
Scripps Research Institute	49	233,404.1	244,149.9	227,586.2	220,461.8	190,378.2	239,449.6	184,841.0	230,636.1	221,914.4
U. Texas Southwestern Medical Center	50	172,699.2	167,380.8	144,602.0	154,829.9	144,228.2	161,792.7	159,181.6	164,779.9	220,177.1
Michigan State U.	51	184,286.6	178,396.7	185,583.9	159,251.9	167,846.3	171,263.1	192,228.4	205,607.0	217,585.2
U. Virginia	52	161,253.0	159,469.5	142,958.4	144,618.3	137,231.0	170,946.7	169,554.6	171,657.7	207,614.7
Indiana U.-Purdue U., Indianapolis	53	122,284.2	114,861.8	104,465.0	114,945.2	116,409.6	126,840.1	157,236.6	170,874.3	204,690.1
U. Miami	54	174,480.8	161,717.0	158,251.7	146,254.5	138,620.1	146,561.9	146,113.3	170,947.7	203,010.8
U. Iowa	55	202,518.9	202,656.7	178,859.6	178,885.3	166,584.8	169,765.3	171,213.0	186,554.0	199,487.0
Purdue U., West Lafayette	56	161,577.6	152,287.0	143,878.1	149,657.6	156,707.3	153,761.2	151,160.5	159,990.0	195,621.1
U. Maryland, Baltimore	57	204,133.7	179,658.0	160,902.6	150,793.2	136,640.1	152,021.2	178,082.7	176,835.8	195,301.7
California Institute of Technology	58	178,301.0	172,405.6	167,030.1	149,454.4	151,454.2	154,528.6	156,609.2	183,288.1	192,659.4
U. Kentucky	59	122,978.8	116,272.0	110,221.4	129,596.3	136,971.2	129,102.7	138,343.3	171,054.1	188,877.5
U. Illinois, Chicago	60	160,431.7	153,413.0	158,227.7	143,747.8	128,419.1	133,213.6	137,360.9	145,677.9	185,498.7
Association of Universities for Research in Astronomy	61	87,544.4	140,249.7	162,645.0	151,155.0	162,697.1	177,343.9	200,697.8	259,583.9	168,324.1
U. Texas M. D. Anderson Cancer Center	62	154,100.6	151,889.9	128,550.2	120,543.8	116,087.2	119,082.5	143,478.2	141,561.7	167,321.5
Albert Einstein C. of Medicine	63	0.0	0.0	0.0	0.0	0.0	142,468.8	163,902.9	158,969.8	167,293.4
Arizona State U.	64	133,617.4	162,980.7	143,199.5	116,150.8	141,301.9	131,292.0	142,539.6	154,743.9	161,049.8
Brown U.	65	100,395.1	95,063.6	89,596.7	96,239.1	97,075.7	108,874.4	124,446.5	131,955.3	158,108.6
Princeton U.	66	130,310.4	142,303.3	123,187.3	147,487.0	134,494.9	144,144.8	132,136.5	151,205.1	151,162.5
U. Massachusetts, Medical School	67	160,673.2	145,670.4	139,010.6	132,231.6	126,477.3	149,018.4	147,492.4	150,484.2	147,574.1
North Carolina State U.	68	111,820.6	109,172.3	102,750.2	98,098.0	133,486.8	117,452.5	107,299.5	146,253.9	144,472.6
Woods Hole Oceanographic Institution	69	107,762.3	105,363.8	97,837.1	100,943.7	97,728.0	92,257.5	118,811.3	143,192.2	143,415.5
U. Oklahoma, Norman	70	76,677.0	72,550.2	71,833.9	69,849.8	75,286.7	70,821.9	89,730.2	126,054.7	142,380.5
Virginia Polytechnic Institute and State U.	71	133,404.0	117,769.9	130,793.0	129,821.5	114,065.7	111,790.7	123,324.8	132,981.4	142,291.3

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Wake Forest U.	72	123,891.7	121,725.4	119,365.0	117,560.2	131,048.1	111,755.3	120,940.4	130,104.1	140,143.3
Utah State U.	73	70,329.2	67,313.5	64,479.9	66,554.2	53,232.2	60,793.3	80,531.3	91,820.2	134,159.9
U. Kansas, Lawrence	74	121,081.1	122,938.7	95,766.7	109,631.5	103,996.1	103,891.9	101,423.4	125,114.4	133,262.7
U. Georgia	75	77,803.6	84,589.7	76,150.5	99,290.4	100,833.0	90,283.4	100,064.6	127,209.4	133,082.1
George Washington U.	76	69,697.4	97,782.7	88,054.1	92,523.9	96,242.9	119,907.0	121,272.0	125,850.2	126,870.6
Medical U. South Carolina	77	100,326.0	90,065.3	79,207.0	89,527.4	93,330.2	106,359.6	117,876.9	120,207.3	123,875.7
U. Connecticut	78	105,945.6	98,796.7	97,523.2	98,455.4	105,372.0	106,800.0	110,037.2	120,491.7	120,535.0
Florida State U.	79	85,316.5	87,942.4	84,914.6	87,277.8	82,063.6	90,910.6	94,127.2	132,046.7	120,262.9
Mississippi State U.	80	46,929.6	36,934.9	37,678.3	40,729.6	48,246.6	51,609.7	70,931.3	79,998.4	119,817.3
Dartmouth C.	81	98,036.8	94,755.8	101,874.6	110,153.7	105,581.0	116,331.2	109,803.3	103,967.2	119,018.9
U. Texas Health Science Center, Houston	82	93,329.4	82,598.0	84,446.3	85,232.8	72,509.6	84,281.3	86,926.2	88,943.8	117,411.2
U. Delaware	83	85,709.8	69,539.7	72,714.1	84,461.6	68,499.8	95,578.5	116,879.3	104,107.1	113,178.6
Colorado State U., Fort Collins	84	104,657.3	100,518.4	107,107.1	92,593.2	104,085.1	111,982.3	103,171.5	120,147.5	111,951.9
SUNY, Stony Brook U., Stony Brook	85	91,489.8	88,972.4	85,834.1	90,955.5	83,413.2	93,112.3	100,464.2	101,129.9	111,579.0
U. California, Santa Barbara	86	123,461.1	101,474.6	98,186.1	105,826.7	96,636.6	95,566.6	99,768.5	105,292.6	109,184.7
U. Texas Medical Branch at Galveston	87	84,870.6	90,967.6	81,975.9	78,975.2	75,193.8	76,734.6	80,316.2	88,157.8	107,152.1
Louisiana State U.	88	106,957.8	118,592.0	91,008.9	81,059.9	76,768.3	81,725.8	86,430.6	91,309.1	106,806.0
Medical C. Wisconsin	89	92,550.8	100,725.7	89,429.0	84,807.2	82,187.9	89,838.7	74,246.1	98,784.0	106,187.1
Virginia Commonwealth U.	90	90,393.7	87,036.6	87,438.3	99,487.5	96,742.9	80,255.2	80,685.1	86,762.2	105,440.5
Northeastern U.	91	59,549.6	50,175.8	49,207.0	53,055.8	65,237.9	74,545.7	78,956.9	97,576.7	105,050.6
U. New Mexico	92	104,026.7	97,480.1	91,114.1	92,757.0	104,369.1	100,082.0	111,442.3	102,284.3	99,851.1
Temple U.	93	68,239.8	79,057.7	73,593.6	87,319.1	87,197.6	99,396.3	98,673.3	97,896.9	96,513.8
Tufts U.	94	75,202.1	84,193.1	82,621.8	75,551.4	75,574.2	86,563.7	97,276.8	94,633.4	96,201.7
Oregon State U.	95	96,243.8	89,672.6	84,637.6	93,346.4	99,216.2	96,720.9	98,853.5	90,283.9	95,222.1
Tulane U.	96	81,646.4	67,031.3	69,600.7	61,026.6	59,724.0	72,658.0	73,624.0	82,004.4	94,695.7
U. Alaska, Fairbanks, Fairbanks Campus	97	68,940.6	49,061.6	53,797.8	60,919.5	62,369.2	62,470.5	73,755.5	69,765.5	94,421.6
U. South Florida, Tampa	98	105,048.0	91,416.5	52,963.1	76,247.7	117,543.0	84,517.2	134,157.1	62,028.7	92,764.9
U. Texas Health Science Center, San Antonio	99	82,295.8	71,543.5	68,820.1	71,388.0	58,409.8	56,273.9	58,455.9	77,225.1	89,927.7
Washington State U.	100	75,927.1	68,380.9	61,786.5	72,055.6	75,350.5	80,558.9	80,510.9	100,261.5	89,872.9
All other institutions	-	5,266,603.4	4,912,067.9	4,734,901.1	5,006,190.8	5,008,377.3	5,125,768.2	4,982,265.1	5,532,076.6	5,869,367.8

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.