

TABLE 16

Federal obligations for science and engineering R&D plant to universities and colleges, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOE	DOT	HHS	NSF
All states and outlying areas	593,658.8	75,000.0	293.9	70,486.2	447,878.7
Alabama	2,089.0	0.0	0.0	0.0	2,089.0
Auburn U., Auburn	1,523.6	0.0	0.0	0.0	1,523.6
U. Alabama, Birmingham	16.5	0.0	0.0	0.0	16.5
U. Alabama, Tuscaloosa	532.9	0.0	0.0	0.0	532.9
U. South Alabama	16.0	0.0	0.0	0.0	16.0
Alaska	306.4	0.0	0.0	0.0	306.4
U. Alaska, Fairbanks, Fairbanks Campus	306.4	0.0	0.0	0.0	306.4
Arizona	11,490.7	0.0	0.0	5,045.7	6,445.1
Arizona State U.	4,398.0	0.0	0.0	0.0	4,398.0
Northern Arizona U.	486.7	0.0	0.0	0.0	486.7
U. Arizona	6,606.1	0.0	0.0	5,045.7	1,560.4
California	38,222.1	0.0	0.0	0.0	38,222.1
California Institute of Technology	17,261.2	0.0	0.0	0.0	17,261.2
California State U., Chico	608.9	0.0	0.0	0.0	608.9
California State U., Fresno	1,423.1	0.0	0.0	0.0	1,423.1
California State U., Long Beach	310.4	0.0	0.0	0.0	310.4
California State U., Los Angeles	164.6	0.0	0.0	0.0	164.6
California State U., San Bernardino	250.0	0.0	0.0	0.0	250.0
Humboldt State U.	491.2	0.0	0.0	0.0	491.2
Occidental C.	493.9	0.0	0.0	0.0	493.9
Pomona C.	443.0	0.0	0.0	0.0	443.0
San Jose State U.	443.3	0.0	0.0	0.0	443.3
Stanford U.	0.9	0.0	0.0	0.0	0.9
U. California, Berkeley	4,499.9	0.0	0.0	0.0	4,499.9
U. California, Irvine	448.1	0.0	0.0	0.0	448.1
U. California, Los Angeles	9.0	0.0	0.0	0.0	9.0
U. California, Riverside	256.3	0.0	0.0	0.0	256.3
U. California, San Diego	9,284.6	0.0	0.0	0.0	9,284.6
U. California, Santa Barbara	1,011.2	0.0	0.0	0.0	1,011.2
U. San Diego	263.8	0.0	0.0	0.0	263.8
U. Southern California	558.8	0.0	0.0	0.0	558.8
Colorado	4,115.1	0.0	0.0	0.0	4,115.1
Colorado School of Mines	675.7	0.0	0.0	0.0	675.7
U. Colorado Boulder	3,439.5	0.0	0.0	0.0	3,439.5
Connecticut	175.4	0.0	0.0	0.0	175.4
Fairfield U.	175.4	0.0	0.0	0.0	175.4
Delaware	9,559.9	0.0	0.0	0.0	9,559.9
U. Delaware	9,559.9	0.0	0.0	0.0	9,559.9
District of Columbia	82,358.0	0.0	0.0	0.0	82,358.0
Association of Universities for Research in Astronomy	82,158.8	0.0	0.0	0.0	82,158.8
U. of the District of Columbia	199.2	0.0	0.0	0.0	199.2
Florida	5,254.8	0.0	0.0	0.0	5,254.8
Embry-Riddle Aeronautical U.	29.5	0.0	0.0	0.0	29.5
Florida Atlantic U.	233.3	0.0	0.0	0.0	233.3
Florida Gulf Coast U.	345.2	0.0	0.0	0.0	345.2
Florida International U.	2,954.7	0.0	0.0	0.0	2,954.7
Florida Polytechnic U.	350.1	0.0	0.0	0.0	350.1
Florida State U.	321.5	0.0	0.0	0.0	321.5

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Stetson U.	266.1	0.0	0.0	0.0	266.1
U. Central Florida	424.9	0.0	0.0	0.0	424.9
U. Miami	329.5	0.0	0.0	0.0	329.5
Georgia	2,681.6	0.0	0.0	0.0	2,681.6
Emory U.	448.9	0.0	0.0	0.0	448.9
Georgia Institute of Technology	332.5	0.0	0.0	0.0	332.5
Georgia State U.	900.0	0.0	0.0	0.0	900.0
U. Georgia	1,000.3	0.0	0.0	0.0	1,000.3
Hawaii	9,438.2	0.0	0.0	6,478.2	2,960.0
U. Hawaii, Hilo	264.8	0.0	0.0	0.0	264.8
U. Hawaii, Manoa	9,173.4	0.0	0.0	6,478.2	2,695.2
Idaho	405.0	0.0	0.0	0.0	405.0
Boise State U.	405.0	0.0	0.0	0.0	405.0
Illinois	10,218.5	0.0	0.0	3,269.5	6,949.0
Northwestern U., Evanston	607.5	0.0	0.0	0.0	607.5
Southern Illinois U., Carbondale	128.3	0.0	0.0	0.0	128.3
U. Chicago	2,144.9	0.0	0.0	0.0	2,144.9
U. Illinois, Chicago	32.0	0.0	0.0	0.0	32.0
U. Illinois, Urbana-Champaign	7,305.8	0.0	0.0	3,269.5	4,036.3
Indiana	6,302.3	0.0	0.0	0.0	6,302.3
Indiana U., Bloomington	2,665.9	0.0	0.0	0.0	2,665.9
Purdue U., West Lafayette	535.8	0.0	0.0	0.0	535.8
U. Notre Dame	3,100.5	0.0	0.0	0.0	3,100.5
Iowa	702.1	0.0	13.3	0.0	688.8
Drake U.	38.3	0.0	0.0	0.0	38.3
Grinnell C.	349.7	0.0	0.0	0.0	349.7
U. Iowa	314.1	0.0	13.3	0.0	300.8
Kansas	1,000.6	0.0	0.0	0.0	1,000.6
Kansas State U.	624.4	0.0	0.0	0.0	624.4
U. Kansas, Lawrence	376.2	0.0	0.0	0.0	376.2
Kentucky	6,702.5	0.0	0.0	6,000.0	702.5
U. Kentucky	6,012.8	0.0	0.0	6,000.0	12.8
U. Louisville	8.0	0.0	0.0	0.0	8.0
Western Kentucky U.	681.7	0.0	0.0	0.0	681.7
Louisiana	3,535.7	0.0	0.0	1,803.0	1,732.7
Tulane U.	2,538.1	0.0	0.0	1,803.0	735.1
U. Louisiana, Lafayette	997.6	0.0	0.0	0.0	997.6
Maine	350.0	0.0	0.0	0.0	350.0
U. Maine	350.0	0.0	0.0	0.0	350.0
Maryland	3,559.3	0.0	0.0	0.0	3,559.3
Johns Hopkins U.	3,011.5	0.0	0.0	0.0	3,011.5
St. Mary's C. Maryland	121.8	0.0	0.0	0.0	121.8
U. Maryland, Baltimore County	300.0	0.0	0.0	0.0	300.0
U. Maryland, College Park	126.0	0.0	0.0	0.0	126.0
Massachusetts	9,485.9	0.0	0.0	0.0	9,485.9
Boston U.	700.0	0.0	0.0	0.0	700.0
Brandeis U.	390.0	0.0	0.0	0.0	390.0
Harvard U.	899.5	0.0	0.0	0.0	899.5
Massachusetts Institute of Technology	3,483.8	0.0	0.0	0.0	3,483.8

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Northeast Radio Observatory Corp.	100.0	0.0	0.0	0.0	100.0
Northeastern U.	537.4	0.0	0.0	0.0	537.4
U. Massachusetts, Amherst	1,386.1	0.0	0.0	0.0	1,386.1
U. Massachusetts, Boston	426.5	0.0	0.0	0.0	426.5
Woods Hole Oceanographic Institution	1,554.6	0.0	0.0	0.0	1,554.6
Worcester Polytechnic Institute	7.9	0.0	0.0	0.0	7.9
Michigan	84,121.3	75,000.0	0.0	0.0	9,121.3
Grand Valley State U.	143.8	0.0	0.0	0.0	143.8
Hope C.	400.4	0.0	0.0	0.0	400.4
Lawrence Technological U.	72.1	0.0	0.0	0.0	72.1
Michigan State U.	75,279.8	75,000.0	0.0	0.0	279.8
Oakland U.	735.3	0.0	0.0	0.0	735.3
U. Michigan	7,489.9	0.0	0.0	0.0	7,489.9
Minnesota	2,764.0	0.0	0.0	0.0	2,764.0
U. Minnesota	2,764.0	0.0	0.0	0.0	2,764.0
Mississippi	132.9	0.0	0.0	0.0	132.9
U. Mississippi, Oxford	132.9	0.0	0.0	0.0	132.9
Missouri	11,129.3	0.0	3.0	7,972.4	3,153.9
Missouri State U., West Plains	242.8	0.0	0.0	0.0	242.8
Missouri U. of Science and Technology	1,979.0	0.0	3.0	0.0	1,976.0
Saint Louis U.	706.7	0.0	0.0	0.0	706.7
Southeast Missouri State U.	228.4	0.0	0.0	0.0	228.4
Washington U., Saint Louis	7,972.4	0.0	0.0	7,972.4	0.0
Nebraska	841.6	0.0	0.0	0.0	841.6
U. Nebraska, Lincoln	562.8	0.0	0.0	0.0	562.8
U. Nebraska, Omaha	278.8	0.0	0.0	0.0	278.8
Nevada	977.4	0.0	0.0	0.0	977.4
Nevada System of Higher Education	302.1	0.0	0.0	0.0	302.1
U. Nevada, Las Vegas	675.3	0.0	0.0	0.0	675.3
New Hampshire	1,002.9	0.0	0.0	0.0	1,002.9
Dartmouth C.	400.0	0.0	0.0	0.0	400.0
U. New Hampshire, Durham	602.9	0.0	0.0	0.0	602.9
New Jersey	3,663.2	0.0	170.0	0.0	3,493.2
C. New Jersey	245.6	0.0	0.0	0.0	245.6
Princeton U.	860.1	0.0	0.0	0.0	860.1
Rutgers, State U. New Jersey	2,557.5	0.0	170.0	0.0	2,387.5
New Mexico	4,385.9	0.0	0.0	4,000.0	385.9
New Mexico Highlands U.	153.9	0.0	0.0	0.0	153.9
U. New Mexico	4,232.0	0.0	0.0	4,000.0	232.0
New York	10,104.3	0.0	0.0	0.0	10,104.3
Clarkson U.	288.4	0.0	0.0	0.0	288.4
Cold Spring Harbor Laboratory	12.6	0.0	0.0	0.0	12.6
Colgate U.	297.4	0.0	0.0	0.0	297.4
Columbia U. in the City of New York	132.4	0.0	0.0	0.0	132.4
Cornell U., Ithaca	2,114.9	0.0	0.0	0.0	2,114.9
CUNY, Brooklyn C.	154.4	0.0	0.0	0.0	154.4
CUNY, Hunter C.	656.9	0.0	0.0	0.0	656.9
CUNY, Queensborough Community C.	48.7	0.0	0.0	0.0	48.7
Manhattan C.	293.5	0.0	0.0	0.0	293.5

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Molloy C.	190.6	0.0	0.0	0.0	190.6
New York U.	160.0	0.0	0.0	0.0	160.0
Pace U., New York City	372.3	0.0	0.0	0.0	372.3
St. Lawrence U.	236.5	0.0	0.0	0.0	236.5
SUNY, Binghamton U.	1,825.2	0.0	0.0	0.0	1,825.2
SUNY, Fashion Institute of Technology	186.6	0.0	0.0	0.0	186.6
SUNY, Stony Brook U., Stony Brook	572.0	0.0	0.0	0.0	572.0
SUNY, system office	1,423.7	0.0	0.0	0.0	1,423.7
SUNY, U. Albany	118.4	0.0	0.0	0.0	118.4
Syracuse U., Syracuse	619.6	0.0	0.0	0.0	619.6
U. Rochester	15.5	0.0	0.0	0.0	15.5
Union C., Schenectady	384.7	0.0	0.0	0.0	384.7
North Carolina	18,341.6	0.0	3.0	0.0	18,338.6
Duke U.	1,152.5	0.0	0.0	0.0	1,152.5
Elizabeth City State U.	176.8	0.0	0.0	0.0	176.8
High Point U.	299.5	0.0	0.0	0.0	299.5
North Carolina Central U.	40.6	0.0	0.0	0.0	40.6
North Carolina State U.	177.4	0.0	0.0	0.0	177.4
U. North Carolina, Chapel Hill	16,494.8	0.0	3.0	0.0	16,491.8
North Dakota	229.4	0.0	0.0	0.0	229.4
U. North Dakota	229.4	0.0	0.0	0.0	229.4
Ohio	18,721.0	0.0	0.0	0.0	18,721.0
Denison U.	398.0	0.0	0.0	0.0	398.0
Miami U.	1,007.6	0.0	0.0	0.0	1,007.6
Ohio State U.	16,988.8	0.0	0.0	0.0	16,988.8
U. Cincinnati	35.0	0.0	0.0	0.0	35.0
Wittenberg U.	291.7	0.0	0.0	0.0	291.7
Oklahoma	8,492.2	0.0	0.0	8,000.0	492.2
Oklahoma State U., Stillwater	492.2	0.0	0.0	0.0	492.2
U. Oklahoma, Norman	8,000.0	0.0	0.0	8,000.0	0.0
Oregon	120,716.8	0.0	2.5	11,000.0	109,714.3
Lewis and Clark C.	382.4	0.0	0.0	0.0	382.4
Oregon Health and Science U.	3,000.0	0.0	0.0	3,000.0	0.0
Oregon State U.	109,331.9	0.0	0.0	0.0	109,331.9
Portland State U.	2.5	0.0	2.5	0.0	0.0
U. Oregon, Eugene	8,000.0	0.0	0.0	8,000.0	0.0
Pennsylvania	3,553.4	0.0	11.0	1,018.5	2,523.9
Carnegie Mellon U.	11.0	0.0	11.0	0.0	0.0
Drexel U.	542.7	0.0	0.0	0.0	542.7
Millersville U. Pennsylvania	287.2	0.0	0.0	0.0	287.2
Pennsylvania State U.	158.7	0.0	0.0	0.0	158.7
Saint Francis U.	83.2	0.0	0.0	0.0	83.2
Saint Joseph's U.	138.2	0.0	0.0	0.0	138.2
Temple U.	16.0	0.0	0.0	0.0	16.0
U. Pennsylvania	811.2	0.0	0.0	0.0	811.2
U. Pittsburgh	1,018.5	0.0	0.0	1,018.5	0.0
Wilkes U.	486.6	0.0	0.0	0.0	486.6
Rhode Island	2,612.4	0.0	0.0	0.0	2,612.4
Brown U.	570.7	0.0	0.0	0.0	570.7

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Providence C.	288.3	0.0	0.0	0.0	288.3
U. Rhode Island	1,753.4	0.0	0.0	0.0	1,753.4
South Carolina	1,508.0	0.0	0.0	0.0	1,508.0
Clemson U.	493.3	0.0	0.0	0.0	493.3
Furman U.	485.0	0.0	0.0	0.0	485.0
U. South Carolina	529.7	0.0	0.0	0.0	529.7
South Dakota	255.0	0.0	0.0	0.0	255.0
South Dakota State U.	25.0	0.0	0.0	0.0	25.0
U. South Dakota	230.0	0.0	0.0	0.0	230.0
Tennessee	2,324.0	0.0	0.0	0.0	2,324.0
Middle Tennessee State U.	211.8	0.0	0.0	0.0	211.8
Tennessee State U.	199.5	0.0	0.0	0.0	199.5
U. Memphis	2.3	0.0	0.0	0.0	2.3
U. Tennessee, Knoxville	1,910.5	0.0	0.0	0.0	1,910.5
Texas	49,661.8	0.0	0.0	0.0	49,661.8
Lamar U.	322.0	0.0	0.0	0.0	322.0
Texas A&M U., College Station	526.3	0.0	0.0	0.0	526.3
Texas State U.	255.1	0.0	0.0	0.0	255.1
Texas Tech U.	146.6	0.0	0.0	0.0	146.6
U. Houston-Downtown	86.0	0.0	0.0	0.0	86.0
U. Texas, Austin	47,641.7	0.0	0.0	0.0	47,641.7
U. Texas, Dallas	275.0	0.0	0.0	0.0	275.0
U. Texas, El Paso	131.3	0.0	0.0	0.0	131.3
U. Texas, San Antonio	277.8	0.0	0.0	0.0	277.8
Vermont	847.1	0.0	0.0	0.0	847.1
Middlebury C.	103.3	0.0	0.0	0.0	103.3
U. Vermont	743.8	0.0	0.0	0.0	743.8
Virginia	2,834.1	0.0	15.0	0.0	2,819.1
Norfolk State U.	24.0	0.0	0.0	0.0	24.0
Randolph-Macon C.	196.3	0.0	0.0	0.0	196.3
U. Virginia	2,582.8	0.0	0.0	0.0	2,582.8
Virginia Polytechnic Institute and State U.	31.0	0.0	15.0	0.0	16.0
Washington	1,565.4	0.0	76.1	0.0	1,489.3
Gonzaga U.	267.0	0.0	0.0	0.0	267.0
U. Washington	686.5	0.0	2.5	0.0	684.0
Washington State U.	112.0	0.0	73.6	0.0	38.4
Western Washington U.	499.9	0.0	0.0	0.0	499.9
Wisconsin	11,445.9	0.0	0.0	2,999.5	8,446.3
U. Wisconsin-Eau Claire	350.0	0.0	0.0	0.0	350.0
U. Wisconsin-La Crosse	396.7	0.0	0.0	0.0	396.7
U. Wisconsin-Madison	9,215.4	0.0	0.0	2,999.5	6,215.9
U. Wisconsin-Milwaukee	1,483.7	0.0	0.0	0.0	1,483.7
Wyoming	10,557.3	0.0	0.0	0.0	10,557.3
U. Wyoming	10,557.3	0.0	0.0	0.0	10,557.3
Puerto Rico	12,917.1	0.0	0.0	12,899.3	17.8
Ponce Health Sciences U.	4,414.2	0.0	0.0	4,414.2	0.0
U. Puerto Rico, Mayaguez	17.8	0.0	0.0	0.0	17.8
U. Puerto Rico, Medical Sciences Campus	2,898.5	0.0	0.0	2,898.5	0.0
U. Puerto Rico, Rio Piedras	5,586.7	0.0	0.0	5,586.7	0.0

DOE = Department of Energy; DOT = Department of Transportation; HHS = Department of Health and Human Services; NSF = National Science Foundation.

Note(s):

Detail may not add to total because of rounding. Only states, areas, or agencies that had obligations in the variables represented by this table appear in the table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2019.