

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
All states and outlying areas	38,084,768.1	35,125,460.1	593,658.8	6,103.3	1,802,625.2	96,092.7	460,827.9
Alabama	540,544.4	491,035.2	2,089.0	0.0	39,735.3	722.4	6,962.5
Alabama A&M U.	6,589.5	3,271.2	0.0	0.0	1,224.8	0.0	2,093.4
Alabama State U.	3,038.9	2,122.4	0.0	0.0	916.5	0.0	0.0
Auburn U., Auburn	52,110.4	40,829.9	1,523.6	0.0	7,308.3	0.0	2,448.6
Gadsden State Community C.	435.2	87.0	0.0	0.0	348.1	0.0	0.0
Lawson State Community C., Birmingham	369.1	73.8	0.0	0.0	295.3	0.0	0.0
Marine Environmental Sciences Consortium	1,315.0	1,315.0	0.0	0.0	0.0	0.0	0.0
Oakwood U.	205.8	205.8	0.0	0.0	0.0	0.0	0.0
Troy U.	2,914.0	2,914.0	0.0	0.0	0.0	0.0	0.0
Tuskegee U.	9,976.3	6,667.3	0.0	0.0	1,636.2	10.0	1,662.8
U. Alabama, Birmingham	364,763.4	348,770.2	16.5	0.0	14,865.9	548.3	562.5
U. Alabama, Huntsville	44,785.2	43,995.6	0.0	0.0	594.5	0.0	195.2
U. Alabama, system office	1,135.9	980.9	0.0	0.0	155.0	0.0	0.0
U. Alabama, Tuscaloosa	27,595.9	22,519.7	532.9	0.0	4,543.3	0.0	0.0
U. North Alabama	2,171.0	672.0	0.0	0.0	1,499.0	0.0	0.0
U. South Alabama	22,312.6	16,593.8	16.0	0.0	5,538.7	164.1	0.0
U. West Alabama	826.2	16.5	0.0	0.0	809.6	0.0	0.0
Alaska	115,684.0	103,531.5	306.4	0.0	5,400.5	55.0	6,390.5
Alaska Pacific U.	78.3	23.3	0.0	0.0	0.0	55.0	0.0
Ilisagvik C.	223.3	0.0	0.0	0.0	98.3	0.0	125.0
U. Alaska System of Higher Education	1,256.4	1,256.4	0.0	0.0	0.0	0.0	0.0
U. Alaska, Anchorage, Anchorage Campus	7,203.7	3,909.9	0.0	0.0	2,563.7	0.0	730.1
U. Alaska, Fairbanks, Fairbanks Campus	102,952.0	94,421.6	306.4	0.0	2,688.6	0.0	5,535.4
U. Alaska, Southeast, Juneau	3,970.3	3,920.4	0.0	0.0	50.0	0.0	0.0
Arizona	482,710.9	441,188.2	11,490.7	0.0	23,676.1	1,209.0	5,147.0
Arizona State U.	173,111.7	161,049.8	4,398.0	0.0	5,509.0	0.0	2,154.9
Central Arizona C.	100.0	92.0	0.0	0.0	8.0	0.0	0.0
Dine C.	914.5	200.0	0.0	0.0	0.0	714.5	0.0
Maricopa Community Colleges	162.3	0.0	0.0	0.0	0.0	0.0	162.3
Midwestern U., Glendale	547.9	547.9	0.0	0.0	0.0	0.0	0.0
Northern Arizona U.	28,920.0	25,811.4	486.7	0.0	2,589.8	0.0	32.0
Pima Community C.	298.3	274.5	0.0	0.0	23.9	0.0	0.0
Tohono O'odham Community C.	689.3	430.5	0.0	0.0	258.8	0.0	0.0
U. Arizona	277,967.0	252,782.1	6,606.1	0.0	15,286.6	494.5	2,797.7
Arkansas	112,667.8	93,614.8	0.0	0.0	10,579.4	764.0	7,709.6
Arkansas State U., Jonesboro	560.7	560.7	0.0	0.0	0.0	0.0	0.0
Phillips Community C. of the U. Arkansas	268.1	53.6	0.0	0.0	214.5	0.0	0.0
South Arkansas Community C.	242.4	48.5	0.0	0.0	193.9	0.0	0.0

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U. Arkansas for Medical Sciences	44,656.3	41,281.7	0.0	0.0	2,610.6	764.0	0.0
U. Arkansas, Fayetteville	32,352.4	27,005.4	0.0	0.0	2,942.2	0.0	2,404.8
U. Arkansas, Little Rock	7,016.6	6,568.3	0.0	0.0	448.4	0.0	0.0
U. Arkansas, Monticello	984.9	984.9	0.0	0.0	0.0	0.0	0.0
U. Arkansas, Pine Bluff	4,449.9	2,578.7	0.0	0.0	1,126.2	0.0	745.0
U. Arkansas, system office	21,704.9	14,101.5	0.0	0.0	3,043.6	0.0	4,559.8
U. Central Arkansas	431.5	431.5	0.0	0.0	0.0	0.0	0.0
California	4,906,328.5	4,630,852.1	38,222.1	1,000.0	198,034.9	13,112.1	25,107.2
Azusa Pacific U.	1,348.4	0.0	0.0	0.0	1,348.4	0.0	0.0
California C. of the Arts	70.0	70.0	0.0	0.0	0.0	0.0	0.0
California Institute of Technology	211,717.2	192,659.4	17,261.2	0.0	1,796.6	0.0	0.0
California Polytechnic State U., San Luis Obispo	8,037.1	5,886.9	0.0	0.0	2,043.1	0.0	107.2
California State Polytechnic U., Pomona	3,840.0	1,562.8	0.0	0.0	2,277.2	0.0	0.0
California State U., Bakersfield	2,716.4	1,732.1	0.0	0.0	984.3	0.0	0.0
California State U., Channel Islands	2,878.9	2,678.9	0.0	0.0	200.0	0.0	0.0
California State U., Chico	3,680.9	2,890.2	608.9	0.0	181.8	0.0	0.0
California State U., Dominguez Hills	3,306.3	3,202.7	0.0	0.0	103.5	0.0	0.0
California State U., East Bay	3,066.7	2,103.4	0.0	0.0	963.4	0.0	0.0
California State U., Fresno	7,044.5	3,644.7	1,423.1	0.0	1,976.7	0.0	0.0
California State U., Fullerton	5,523.8	2,955.8	0.0	0.0	2,568.0	0.0	0.0
California State U., Long Beach	11,590.1	8,374.7	310.4	0.0	2,900.0	0.0	5.0
California State U., Los Angeles	6,384.7	4,933.5	164.6	0.0	1,286.5	0.0	0.0
California State U. Maritime Academy	1,192.0	0.0	0.0	1,000.0	192.0	0.0	0.0
California State U., Monterey Bay	1,108.4	564.4	0.0	0.0	544.0	0.0	0.0
California State U., Northridge	15,628.1	12,519.8	0.0	0.0	3,108.3	0.0	0.0
California State U., Sacramento	2,631.8	1,614.5	0.0	0.0	1,017.3	0.0	0.0
California State U., San Bernardino	3,559.3	1,749.4	250.0	0.0	1,559.9	0.0	0.0
California State U., San Marcos	6,124.0	4,828.8	0.0	0.0	1,045.3	0.0	249.9
California State U., Stanislaus	1,139.5	819.5	0.0	0.0	320.0	0.0	0.0
California State U., system office	522.3	522.3	0.0	0.0	0.0	0.0	0.0
Cerritos C.	75.0	75.0	0.0	0.0	0.0	0.0	0.0
Chabot C.	649.9	0.0	0.0	0.0	649.9	0.0	0.0
Chapman U.	4,026.9	4,006.9	0.0	0.0	20.0	0.0	0.0
Charles R. Drew U. of Medicine and Science	8,090.0	8,090.0	0.0	0.0	0.0	0.0	0.0
Claremont Graduate U.	241.8	4.8	0.0	0.0	237.0	0.0	0.0

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Claremont McKenna C.	1,005.5	1,005.5	0.0	0.0	0.0	0.0	0.0
Cuesta C.	256.5	235.9	0.0	0.0	20.5	0.0	0.0
Dominican U. California	25.0	25.0	0.0	0.0	0.0	0.0	0.0
Fielding Graduate U.	579.0	463.2	0.0	0.0	115.8	0.0	0.0
Harvey Mudd C.	1,840.6	1,840.6	0.0	0.0	0.0	0.0	0.0
Humboldt State U.	1,433.7	615.2	491.2	0.0	327.2	0.0	0.0
Keck Graduate Institute	957.1	957.1	0.0	0.0	0.0	0.0	0.0
Loma Linda U.	9,317.7	9,317.7	0.0	0.0	0.0	0.0	0.0
Loyola Marymount U.	1,509.9	1,408.1	0.0	0.0	101.8	0.0	0.0
Menlo C.	182.5	182.5	0.0	0.0	0.0	0.0	0.0
Monterey Peninsula C.	733.9	204.1	0.0	0.0	529.8	0.0	0.0
National Physical Science Consortium	430.1	317.6	0.0	0.0	0.0	0.0	112.5
Naval Postgraduate School	100.0	100.0	0.0	0.0	0.0	0.0	0.0
North Orange County Community C. District	253.5	50.7	0.0	0.0	202.8	0.0	0.0
Notre Dame de Namur U.	480.4	480.4	0.0	0.0	0.0	0.0	0.0
Occidental C.	1,221.3	727.4	493.9	0.0	0.0	0.0	0.0
Ohlone C.	185.3	37.1	0.0	0.0	148.2	0.0	0.0
Pomona C.	1,172.0	729.0	443.0	0.0	0.0	0.0	0.0
Riverside Community C. District, Riverside	310.9	286.0	0.0	0.0	24.9	0.0	0.0
Saddleback C.	3,581.3	3,581.3	0.0	0.0	0.0	0.0	0.0
Saint Mary's C. California	999.5	0.0	0.0	0.0	999.5	0.0	0.0
Samuel Merritt U.	2,477.9	0.0	0.0	0.0	2,477.9	0.0	0.0
San Diego State U., San Diego	40,901.2	34,957.5	0.0	0.0	3,939.2	2,000.0	4.5
San Francisco State U.	14,856.1	12,136.7	0.0	0.0	2,719.4	0.0	0.0
San Jose State U.	19,381.9	17,249.4	443.3	0.0	458.7	0.0	1,230.6
Santa Clara U.	1,277.0	1,267.0	0.0	0.0	0.0	0.0	10.0
Santa Monica C.	1,326.8	1,220.6	0.0	0.0	106.1	0.0	0.0
Scripps Research Institute	225,743.5	221,914.4	0.0	0.0	2,539.6	1,289.5	0.0
Sonoma State U.	789.7	203.5	0.0	0.0	586.2	0.0	0.0
Southwestern C., Chula Vista	3,230.8	0.0	0.0	0.0	3,230.8	0.0	0.0
Stanford U.	633,211.0	612,541.2	0.9	0.0	18,500.4	2,165.6	3.0
State Center Community C. District, Fresno City C.	944.7	58.9	0.0	0.0	885.8	0.0	0.0
State Center Community C. District, Reedley C.	40.0	8.0	0.0	0.0	32.0	0.0	0.0
U. California, Berkeley	256,027.5	239,825.9	4,499.9	0.0	10,208.4	1,425.2	68.1
U. California, Cooperative Extension	246.8	246.8	0.0	0.0	0.0	0.0	0.0
U. California, Davis	352,732.7	328,475.6	0.0	0.0	12,477.5	1,702.0	10,077.6
U. California, Irvine	231,085.6	224,890.2	448.1	0.0	5,146.4	594.9	6.0
U. California, Los Angeles	572,994.0	555,094.6	9.0	0.0	17,691.3	199.1	0.0
U. California, Merced	21,337.6	19,915.7	0.0	0.0	693.3	0.0	728.5
U. California, Office of the President	43,555.9	40,837.8	0.0	0.0	459.9	0.0	2,258.2
U. California, Riverside	91,604.6	80,139.5	256.3	0.0	7,750.3	0.0	3,458.6
U. California, San Diego	708,741.1	679,558.4	9,284.6	0.0	18,866.3	600.0	431.8

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U. California, San Francisco	717,661.9	675,389.1	0.0	0.0	39,506.6	2,766.2	0.0
U. California, Santa Barbara	113,313.3	109,184.7	1,011.2	0.0	2,114.2	0.0	1,003.2
U. California, Santa Cruz	70,066.5	65,404.1	0.0	0.0	4,292.7	369.8	0.0
U. of the Pacific	1,926.9	759.7	0.0	0.0	1,167.2	0.0	0.0
U. San Diego	1,596.7	1,317.8	263.8	0.0	15.2	0.0	0.0
U. San Francisco	1,268.0	365.7	0.0	0.0	902.3	0.0	0.0
U. Southern California	424,202.8	408,661.9	558.8	0.0	9,630.0	0.0	5,352.2
Unitek C.	850.0	0.0	0.0	0.0	850.0	0.0	0.0
Vanguard U.	1,124.6	1,124.6	0.0	0.0	0.0	0.0	0.0
West Hills Community C. District, Coalinga	993.3	0.0	0.0	0.0	993.3	0.0	0.0
Western U. of Health Sciences	8,048.2	8,047.8	0.0	0.0	0.0	0.0	0.3
Colorado	811,513.0	748,312.4	4,115.1	0.0	49,004.9	299.3	9,781.3
Adams State U.	1,832.3	1,685.7	0.0	0.0	146.6	0.0	0.0
Arapahoe Community C.	299.9	60.0	0.0	0.0	239.9	0.0	0.0
Colorado C.	364.1	364.1	0.0	0.0	0.0	0.0	0.0
Colorado Northwestern Community C.	299.6	59.9	0.0	0.0	239.7	0.0	0.0
Colorado School of Mines	34,774.6	31,505.1	675.7	0.0	1,289.6	0.0	1,304.2
Colorado State U., Fort Collins	127,752.8	111,951.9	0.0	0.0	7,430.2	299.3	8,071.5
Colorado State U., system office	6,751.9	6,751.9	0.0	0.0	0.0	0.0	0.0
Colorado Theological Seminary	366.3	366.3	0.0	0.0	0.0	0.0	0.0
Fort Lewis C.	946.2	636.1	0.0	0.0	310.0	0.0	0.0
Front Range Community C.	2,351.8	158.9	0.0	0.0	2,192.8	0.0	0.0
Metropolitan State U. Denver, Denver	395.6	61.1	0.0	0.0	334.5	0.0	0.0
Morgan Community C.	300.0	60.0	0.0	0.0	240.0	0.0	0.0
Regis U.	96.0	96.0	0.0	0.0	0.0	0.0	0.0
U. Colorado Boulder	550,289.3	511,533.1	3,439.5	0.0	34,911.1	0.0	405.6
U. Corp. for Atmospheric Research	62,302.5	60,764.9	0.0	0.0	1,537.6	0.0	0.0
U. Denver	13,640.7	13,596.5	0.0	0.0	44.2	0.0	0.0
U. Northern Colorado	143.2	93.9	0.0	0.0	49.3	0.0	0.0
UNAVCO Inc.	8,579.1	8,539.8	0.0	0.0	39.3	0.0	0.0
Western Colorado U.	27.0	27.0	0.0	0.0	0.0	0.0	0.0
Connecticut	688,353.2	661,563.6	175.4	0.0	24,911.1	742.9	960.1
Central Connecticut State U.	137.1	137.1	0.0	0.0	0.0	0.0	0.0
Connecticut Board of Regents for Higher Education	4,074.6	2,434.8	0.0	0.0	1,639.8	0.0	0.0
Connecticut C.	943.1	943.1	0.0	0.0	0.0	0.0	0.0
Eastern Connecticut State U.	154.3	154.3	0.0	0.0	0.0	0.0	0.0
Fairfield U.	380.1	49.5	175.4	0.0	0.0	0.0	155.3
Sacred Heart U.	1,081.1	268.6	0.0	0.0	812.4	0.0	0.0
Southern Connecticut State U.	676.7	626.7	0.0	0.0	0.0	0.0	50.0

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Trinity C., Hartford	853.7	853.7	0.0	0.0	0.0	0.0	0.0
U. Bridgeport	90.9	90.9	0.0	0.0	0.0	0.0	0.0
U. Connecticut	126,198.1	120,535.0	0.0	0.0	4,904.7	147.1	611.4
U. Hartford	3.0	3.0	0.0	0.0	0.0	0.0	0.0
U. New Haven	1,612.7	429.6	0.0	0.0	1,183.1	0.0	0.0
Wesleyan U.	4,072.2	3,975.3	0.0	0.0	0.0	0.0	96.9
Western Connecticut State U.	339.9	339.9	0.0	0.0	0.0	0.0	0.0
Yale U.	547,735.6	530,722.1	0.0	0.0	16,371.2	595.8	46.6
Delaware	138,647.1	121,590.0	9,559.9	0.0	2,447.7	1,121.2	3,928.4
Delaware State U.	10,188.8	8,411.3	0.0	0.0	564.1	0.0	1,213.3
Delaware Technical Community C., Dover	600.0	0.0	0.0	0.0	0.0	0.0	600.0
U. Delaware	127,858.3	113,178.6	9,559.9	0.0	1,883.6	1,121.2	2,115.1
District of Columbia	498,905.8	399,414.7	82,358.0	0.0	11,607.5	1,887.5	3,638.0
American U.	6,676.3	5,893.4	0.0	0.0	72.0	0.0	710.9
Association of Universities for Research in Astronomy	250,589.6	168,324.1	82,158.8	0.0	106.6	0.0	0.0
Catholic U. of America	7,290.4	6,796.3	0.0	0.0	106.9	0.0	387.2
Consortium for Ocean Leadership	1,368.2	1,255.9	0.0	0.0	112.3	0.0	0.0
Consortium of Universities of the Washington Metropolitan Area	1,105.8	1,105.8	0.0	0.0	0.0	0.0	0.0
Gallaudet U.	2,789.8	2,697.3	0.0	0.0	92.5	0.0	0.0
George Washington U.	129,506.0	126,870.6	0.0	0.0	2,190.2	0.0	445.1
Georgetown U.	75,165.1	69,247.9	0.0	0.0	2,802.9	1,887.5	1,226.8
Graduate School USA	520.1	520.1	0.0	0.0	0.0	0.0	0.0
Howard U.	16,016.3	13,082.1	0.0	0.0	2,297.4	0.0	636.8
Minority Serving Institutions STEM Research and Development Consortium	472.6	472.6	0.0	0.0	0.0	0.0	0.0
U. of the District of Columbia	7,315.4	3,058.4	199.2	0.0	3,826.6	0.0	231.2
Universities Research Association	90.1	90.1	0.0	0.0	0.0	0.0	0.0
Florida	1,005,064.8	934,427.7	5,254.8	0.0	41,290.1	1,900.0	22,192.1
Barry U.	726.9	0.0	0.0	0.0	726.9	0.0	0.0
Bethune-Cookman U.	1,578.8	657.8	0.0	0.0	921.0	0.0	0.0
Embry-Riddle Aeronautical U.	15,744.6	15,406.1	29.5	0.0	84.0	0.0	225.0
Florida A&M U.	14,976.1	10,737.3	0.0	0.0	2,011.5	0.0	2,227.3
Florida Atlantic U.	26,410.6	23,873.3	233.3	0.0	804.2	0.0	1,499.7
Florida Gulf Coast U.	1,803.1	1,307.9	345.2	0.0	150.0	0.0	0.0
Florida Institute of Technology	4,129.2	4,121.6	0.0	0.0	7.5	0.0	0.0
Florida International U.	70,446.1	59,839.9	2,954.7	0.0	4,042.8	1,900.0	1,708.8
Florida Keys Community C.	1,323.8	1,217.9	0.0	0.0	105.9	0.0	0.0
Florida Memorial U.	183.1	183.1	0.0	0.0	0.0	0.0	0.0
Florida Polytechnic U.	426.0	75.9	350.1	0.0	0.0	0.0	0.0
Florida State C., Jacksonville	1,770.3	224.5	0.0	0.0	1,545.8	0.0	0.0
Florida State U.	123,438.8	120,262.9	321.5	0.0	2,854.4	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Florida Technical C.	401.8	401.8	0.0	0.0	0.0	0.0	0.0
Indian River State C.	224.7	44.9	0.0	0.0	179.7	0.0	0.0
Jacksonville U.	22.1	0.0	0.0	0.0	0.0	0.0	22.1
Miami Dade C.	1,220.5	15.6	0.0	0.0	954.9	0.0	250.0
North Florida C.	1,093.7	1,093.7	0.0	0.0	0.0	0.0	0.0
Nova Southeastern U.	4,164.6	4,164.6	0.0	0.0	0.0	0.0	0.0
Palm Beach State C.	1,848.7	1,221.8	0.0	0.0	626.8	0.0	0.0
Rollins C.	324.9	324.9	0.0	0.0	0.0	0.0	0.0
Santa Fe C.	300.5	0.0	0.0	0.0	300.5	0.0	0.0
St. Petersburg C.	500.0	100.0	0.0	0.0	400.0	0.0	0.0
Stetson U.	266.1	0.0	266.1	0.0	0.0	0.0	0.0
Tallahassee Community C.	992.7	0.0	0.0	0.0	992.7	0.0	0.0
U. Central Florida	78,619.8	77,327.8	424.9	0.0	424.2	0.0	442.9
U. Florida	342,571.2	314,864.5	0.0	0.0	14,506.7	0.0	13,199.9
U. Miami	208,280.4	203,010.8	329.5	0.0	4,840.0	0.0	100.1
U. North Florida	1,415.6	896.7	0.0	0.0	518.9	0.0	0.0
U. South Florida, Tampa	98,860.6	92,764.9	0.0	0.0	3,579.3	0.0	2,516.5
U. West Florida	999.7	287.2	0.0	0.0	712.4	0.0	0.0
Georgia	1,377,691.0	1,313,038.2	2,681.6	0.0	50,011.1	2,185.0	9,775.0
Agnes Scott C.	299.9	275.9	0.0	0.0	24.0	0.0	0.0
Albany State U.	550.0	240.0	0.0	0.0	60.0	0.0	250.0
Augusta U.	52,298.2	50,942.4	0.0	0.0	1,261.9	0.0	93.8
Clark Atlanta U.	3,727.4	2,538.5	0.0	0.0	1,188.9	0.0	0.0
Clayton State U.	323.5	0.0	0.0	0.0	0.0	0.0	323.5
Columbus State U.	1,013.9	20.3	0.0	0.0	993.6	0.0	0.0
Emory U.	420,776.9	397,957.6	448.9	0.0	21,255.3	985.0	130.0
Fort Valley State U.	6,263.0	3,786.5	0.0	0.0	1,316.9	0.0	1,159.6
Georgia C. and State U.	99.7	99.7	0.0	0.0	0.0	0.0	0.0
Georgia Institute of Technology	630,138.4	620,143.6	332.5	0.0	6,529.6	0.0	3,132.7
Georgia Southern U.	660.8	203.5	0.0	0.0	0.0	0.0	457.3
Georgia State U.	63,552.7	57,280.7	900.0	0.0	4,727.9	600.0	44.1
Kennesaw State U.	3,166.5	2,153.8	0.0	0.0	1,012.7	0.0	0.0
Mercer U.	23,721.0	23,721.0	0.0	0.0	0.0	0.0	0.0
Middle Georgia State U.	479.6	479.6	0.0	0.0	0.0	0.0	0.0
Morehouse C.	3,203.0	1,390.4	0.0	0.0	1,812.6	0.0	0.0
Morehouse School of Medicine	15,091.6	14,758.1	0.0	0.0	184.3	0.0	149.3
Paine C.	250.0	0.0	0.0	0.0	0.0	0.0	250.0
Reinhardt U.	835.6	16.7	0.0	0.0	818.9	0.0	0.0
Savannah State U.	2,098.6	277.6	0.0	0.0	1,572.8	0.0	248.2
Spelman C.	3,947.6	3,547.4	0.0	0.0	399.5	0.0	0.8
U. Georgia	144,161.6	133,082.1	1,000.3	0.0	5,943.4	600.0	3,535.8
U. West Georgia	1,031.5	122.7	0.0	0.0	908.8	0.0	0.0
Hawaii	172,601.3	149,419.2	9,438.2	0.0	12,409.4	75.0	1,259.4
Chaminade U. Honolulu	91.6	91.6	0.0	0.0	0.0	0.0	0.0
Hawaii Pacific U.	778.8	628.9	0.0	0.0	149.9	0.0	0.0
U. Hawaii, Hilo	739.6	424.7	264.8	0.0	50.0	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. Hawaii, Manoa	101,017.4	83,987.9	9,173.4	0.0	7,212.5	75.0	568.6
U. Hawaii, system office	69,481.2	63,793.4	0.0	0.0	4,996.9	0.0	690.9
U. Hawaii, West Oahu	492.7	492.7	0.0	0.0	0.0	0.0	0.0
Idaho	71,398.1	60,218.9	405.0	0.0	6,995.6	0.0	3,778.6
Boise State U.	25,479.6	21,822.6	405.0	0.0	2,318.1	0.0	933.8
C. Idaho	15.0	15.0	0.0	0.0	0.0	0.0	0.0
Idaho State U.	4,154.1	1,943.7	0.0	0.0	2,210.4	0.0	0.0
U. Idaho	41,749.5	36,437.6	0.0	0.0	2,467.1	0.0	2,844.8
Illinois	1,419,237.7	1,317,966.0	10,218.5	0.0	76,991.2	3,322.8	10,739.2
Augustana C., Rock Island	30.0	30.0	0.0	0.0	0.0	0.0	0.0
C. Lake County	996.8	0.0	0.0	0.0	996.8	0.0	0.0
Chicago School of Professional Psychology	450.0	0.0	0.0	0.0	450.0	0.0	0.0
Chicago State U.	1,858.7	793.4	0.0	0.0	1,062.2	0.0	3.1
City Colleges of Chicago	179.5	0.0	0.0	0.0	0.0	0.0	179.5
DePaul U.	4,502.9	4,201.1	0.0	0.0	298.1	0.0	3.8
Dominican U.	2,821.1	1,680.1	0.0	0.0	1,141.1	0.0	0.0
Elmhurst C.	1,395.4	0.0	0.0	0.0	1,395.4	0.0	0.0
Erikson Institute	602.5	602.5	0.0	0.0	0.0	0.0	0.0
Governors State U.	1,741.8	0.0	0.0	0.0	1,741.8	0.0	0.0
Illinois C.	646.0	0.0	0.0	0.0	646.0	0.0	0.0
Illinois Institute of Technology	16,527.0	16,430.9	0.0	0.0	96.1	0.0	0.0
Illinois State U.	2,760.7	2,760.7	0.0	0.0	0.0	0.0	0.0
Illinois Wesleyan U.	120.4	0.0	0.0	0.0	0.0	0.0	120.4
Knox C.	88.8	88.8	0.0	0.0	0.0	0.0	0.0
Loyola U., Chicago	19,792.4	18,316.5	0.0	0.0	1,458.8	0.0	17.1
Midwestern U., Downers Grove	441.0	441.0	0.0	0.0	0.0	0.0	0.0
North Park U.	649.9	0.0	0.0	0.0	649.9	0.0	0.0
Northeastern Illinois U.	1,393.1	1,108.4	0.0	0.0	284.7	0.0	0.0
Northern Illinois U.	3,334.5	3,157.1	0.0	0.0	177.4	0.0	0.0
Northwestern U., Evanston	494,348.2	470,831.7	607.5	0.0	14,738.6	2,446.4	5,724.1
Oakton Community C.	676.5	0.0	0.0	0.0	676.5	0.0	0.0
Parkland C.	385.9	77.2	0.0	0.0	308.7	0.0	0.0
Quincy U.	149.2	0.0	0.0	0.0	149.2	0.0	0.0
Rosalind Franklin U. of Medicine and Science	6,105.5	5,991.3	0.0	0.0	114.3	0.0	0.0
Rush U.	46,373.8	46,067.4	0.0	0.0	306.4	0.0	0.0
Southern Illinois U., Carbondale	3,299.4	3,129.7	128.3	0.0	0.0	0.0	41.3
Southern Illinois U., Edwardsville	5,235.3	3,133.8	0.0	0.0	1,655.5	0.0	446.0
Southern Illinois U., system office	3,541.5	3,541.5	0.0	0.0	0.0	0.0	0.0
Toyota Technological Institute, Chicago	440.2	440.2	0.0	0.0	0.0	0.0	0.0
U. Chicago	286,078.4	274,077.3	2,144.9	0.0	9,611.1	0.0	245.1
U. Illinois, Chicago	208,579.3	185,498.7	32.0	0.0	21,655.2	600.0	793.5



TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. Illinois, U. administration	14,489.1	12,354.4	0.0	0.0	2,134.7	0.0	0.0
U. Illinois, Urbana-Champaign	276,246.5	255,205.7	7,305.8	0.0	11,893.2	276.4	1,565.4
U. of St. Francis, Joliet	649.7	0.0	0.0	0.0	649.7	0.0	0.0
Western Illinois U.	11,776.0	7,476.0	0.0	0.0	2,700.0	0.0	1,600.0
Wheaton C., Wheaton	530.6	530.6	0.0	0.0	0.0	0.0	0.0
Indiana	611,975.1	572,186.3	6,302.3	0.0	21,700.5	1,790.0	9,996.0
Ball State U.	1,225.9	1,100.9	0.0	0.0	25.0	0.0	100.0
Butler U.	1,311.1	1,263.1	0.0	0.0	48.0	0.0	0.0
DePauw U.	316.8	173.4	0.0	0.0	143.4	0.0	0.0
Indiana State U.	793.2	793.2	0.0	0.0	0.0	0.0	0.0
Indiana U.	999.9	972.4	0.0	0.0	19.3	0.0	8.1
Indiana U., Bloomington	96,352.5	88,370.5	2,665.9	0.0	4,380.6	0.0	935.5
Indiana U., Kokomo	320.4	320.4	0.0	0.0	0.0	0.0	0.0
Indiana U.-Purdue U., Indianapolis	214,243.8	204,690.1	0.0	0.0	8,954.4	599.3	0.0
Indiana Wesleyan U.	5.2	5.2	0.0	0.0	0.0	0.0	0.0
Purdue U., West Lafayette	212,045.7	195,621.1	535.8	0.0	6,060.9	1,190.7	8,637.2
Rose-Hulman Institute of Technology	436.4	431.6	0.0	0.0	4.7	0.0	0.0
Saint Mary's C., Notre Dame	665.4	665.4	0.0	0.0	0.0	0.0	0.0
U. Evansville	999.9	0.0	0.0	0.0	999.9	0.0	0.0
U. Notre Dame	82,187.9	77,708.0	3,100.5	0.0	1,064.2	0.0	315.2
Valparaiso U.	36.0	36.0	0.0	0.0	0.0	0.0	0.0
Wabash C.	35.0	35.0	0.0	0.0	0.0	0.0	0.0
Iowa	312,625.5	279,598.0	702.1	0.0	18,353.2	856.4	13,115.9
Coe C.	155.2	155.2	0.0	0.0	0.0	0.0	0.0
Des Moines U.	196.1	196.1	0.0	0.0	0.0	0.0	0.0
Dordt U.	1,027.7	377.7	0.0	0.0	649.9	0.0	0.0
Drake U.	663.2	624.9	38.3	0.0	0.0	0.0	0.0
Eastern Iowa Community C. District	968.4	193.7	0.0	0.0	774.7	0.0	0.0
Grinnell C.	926.6	569.5	349.7	0.0	7.4	0.0	0.0
Iowa State U.	89,425.9	74,764.2	0.0	0.0	3,237.1	0.0	11,424.6
Luther C.	122.9	122.9	0.0	0.0	0.0	0.0	0.0
North Iowa Area Community C.	300.0	60.0	0.0	0.0	240.0	0.0	0.0
Palmer C. of Chiropractic	1,717.4	1,717.4	0.0	0.0	0.0	0.0	0.0
U. Iowa	215,721.6	199,487.0	314.1	0.0	13,372.8	856.4	1,691.3
U. Northern Iowa	1,327.8	1,327.8	0.0	0.0	0.0	0.0	0.0
Upper Iowa U.	72.7	1.5	0.0	0.0	71.2	0.0	0.0
Kansas	254,812.7	233,121.8	1,000.6	0.0	9,740.9	3,205.4	7,743.8
Donnelly C.	250.2	0.0	0.0	0.0	0.0	0.0	250.2
Fort Hays State U.	476.0	476.0	0.0	0.0	0.0	0.0	0.0
Johnson County Community C.	47.9	0.0	0.0	0.0	47.9	0.0	0.0
Kansas State U.	77,106.9	65,799.1	624.4	0.0	2,792.1	600.0	7,291.4
Pittsburg State U.	510.9	510.9	0.0	0.0	0.0	0.0	0.0
Seward County Community C.	295.2	59.0	0.0	0.0	236.1	0.0	0.0
U. Kansas, Lawrence	142,809.3	133,262.7	376.2	0.0	6,497.6	2,605.4	67.4



TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wichita State U.	33,197.1	32,990.3	0.0	0.0	71.9	0.0	134.9
Wichita State U. Campus of Applied Sciences and Technology	119.2	23.8	0.0	0.0	95.3	0.0	0.0
Kentucky	296,526.1	266,501.9	6,702.5	0.0	17,909.7	588.1	4,823.9
Bellarmino U.	125.0	2.5	0.0	0.0	122.5	0.0	0.0
Berea C.	547.3	0.0	0.0	0.0	547.3	0.0	0.0
Eastern Kentucky U.	6.0	6.0	0.0	0.0	0.0	0.0	0.0
Kentucky Community and Technical C. System	774.9	155.0	0.0	0.0	619.9	0.0	0.0
Kentucky State U.	8,024.3	5,413.0	0.0	0.0	751.5	0.0	1,859.8
Murray State U.	1,197.1	376.9	0.0	0.0	246.9	0.0	573.3
Northern Kentucky U.	2,197.6	1,326.6	0.0	0.0	871.0	0.0	0.0
Spalding U.	910.6	0.0	0.0	0.0	910.6	0.0	0.0
U. Kentucky	207,090.0	188,877.5	6,012.8	0.0	10,832.9	224.3	1,142.5
U. Louisville	71,840.2	69,435.4	8.0	0.0	1,583.1	363.8	450.0
U. Pikeville	1,436.0	12.0	0.0	0.0	1,424.0	0.0	0.0
Western Kentucky U.	2,377.2	897.1	681.7	0.0	0.0	0.0	798.3
Louisiana	253,580.2	228,775.3	3,535.7	0.0	13,305.9	893.3	7,070.0
Baton Rouge Community C.	1,562.6	0.0	0.0	0.0	0.0	0.0	1,562.6
Dillard U.	1,476.7	644.0	0.0	0.0	832.6	0.0	0.0
Grambling State U.	8.0	8.0	0.0	0.0	0.0	0.0	0.0
Louisiana State U.	116,803.6	106,806.0	0.0	0.0	5,846.9	299.3	3,851.4
Louisiana Tech U.	1,322.3	915.7	0.0	0.0	290.1	0.0	116.5
Louisiana Universities Marine Consortium	1,049.6	1,009.6	0.0	0.0	40.0	0.0	0.0
Northwest Louisiana Technical Community C.	290.0	58.0	0.0	0.0	232.0	0.0	0.0
Southeastern Louisiana U.	125.1	125.1	0.0	0.0	0.0	0.0	0.0
Southern U. and A&M C., Baton Rouge	6,994.2	5,009.7	0.0	0.0	956.7	0.0	1,027.9
Southern U. and A&M C., system office	250.0	0.0	0.0	0.0	0.0	0.0	250.0
Tulane U.	100,836.0	94,695.7	2,538.1	0.0	3,008.1	594.1	0.0
U. Louisiana, Lafayette	10,918.3	9,883.2	997.6	0.0	37.5	0.0	0.0
U. Louisiana, Monroe	352.7	352.7	0.0	0.0	0.0	0.0	0.0
U. New Orleans	1,385.6	1,123.9	0.0	0.0	0.0	0.0	261.7
Xavier U., Louisiana	10,205.6	8,143.6	0.0	0.0	2,062.0	0.0	0.0
Maine	68,889.3	58,335.1	350.0	1,000.0	3,663.0	0.0	5,541.2
Bates C.	2,879.7	2,879.7	0.0	0.0	0.0	0.0	0.0
Bowdoin C.	2,013.7	2,013.7	0.0	0.0	0.0	0.0	0.0
Colby C.	121.7	60.8	0.0	0.0	60.8	0.0	0.0
Husson U.	63.6	63.6	0.0	0.0	0.0	0.0	0.0
Maine Maritime Academy	1,000.0	0.0	0.0	1,000.0	0.0	0.0	0.0
U. Maine	51,219.5	42,666.5	350.0	0.0	3,443.1	0.0	4,760.0
U. Maine, system office	7,461.4	6,521.1	0.0	0.0	159.1	0.0	781.2
U. New England	4,069.0	4,069.0	0.0	0.0	0.0	0.0	0.0
U. Southern Maine	60.6	60.6	0.0	0.0	0.0	0.0	0.0
Maryland	2,415,778.0	2,340,951.9	3,559.3	0.0	54,110.1	3,883.1	13,273.5

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Bowie State U.	489.0	422.7	0.0	0.0	66.3	0.0	0.0
C. Southern Maryland	1,212.2	51.8	0.0	0.0	1,160.4	0.0	0.0
Community C. Baltimore County, Catonsville	998.4	0.0	0.0	0.0	998.4	0.0	0.0
Coppin State U.	49.9	0.0	0.0	0.0	49.9	0.0	0.0
Frederick Community C.	637.1	0.0	0.0	0.0	637.1	0.0	0.0
Frostburg State U.	32.2	32.2	0.0	0.0	0.0	0.0	0.0
Johns Hopkins U.	1,892,204.4	1,856,090.9	3,011.5	0.0	30,180.3	1,239.9	1,681.7
Loyola U., Maryland	147.8	147.8	0.0	0.0	0.0	0.0	0.0
Morgan State U.	15,851.0	11,740.6	0.0	0.0	2,812.0	0.0	1,298.5
Prince George's Community C.	150.6	30.1	0.0	0.0	120.4	0.0	0.0
Salisbury U.	1,294.0	429.9	0.0	0.0	864.1	0.0	0.0
St. Mary's C. Maryland	307.5	185.6	121.8	0.0	0.0	0.0	0.0
St. Mary's Seminary and U., Baltimore	37.0	37.0	0.0	0.0	0.0	0.0	0.0
Towson U.	3,301.3	2,294.7	0.0	0.0	900.8	0.0	105.8
U. Maryland Center for Environmental Science	6,244.1	5,219.2	0.0	0.0	1,008.5	0.0	16.4
U. Maryland Global Campus	300.0	300.0	0.0	0.0	0.0	0.0	0.0
U. Maryland, Baltimore	200,294.8	195,301.7	0.0	0.0	4,514.1	479.0	0.0
U. Maryland, Baltimore County	32,019.0	26,673.6	300.0	0.0	4,825.9	0.0	219.5
U. Maryland, College Park	250,283.4	232,793.8	126.0	0.0	5,433.4	2,164.2	9,766.1
U. Maryland, Eastern Shore	4,340.7	3,616.7	0.0	0.0	538.5	0.0	185.5
U. System Maryland	4,702.0	4,702.0	0.0	0.0	0.0	0.0	0.0
Uniformed Services U. of the Health Sciences	881.6	881.6	0.0	0.0	0.0	0.0	0.0
Massachusetts	1,917,570.9	1,828,291.8	9,485.9	1,000.0	57,650.0	3,002.5	18,140.7
Amherst C.	1,219.7	1,045.1	0.0	0.0	174.6	0.0	0.0
Assumption C.	240.9	125.0	0.0	0.0	115.9	0.0	0.0
Bentley U.	1,501.4	1,388.2	0.0	0.0	113.2	0.0	0.0
Boston C.	31,062.9	30,958.3	0.0	0.0	104.6	0.0	0.0
Boston U.	309,363.8	292,710.7	700.0	0.0	10,948.7	1,607.0	3,397.4
Brandeis U.	35,856.2	32,595.9	390.0	0.0	2,282.9	587.4	0.0
Bridgewater State U.	395.9	238.2	0.0	0.0	157.7	0.0	0.0
Bunker Hill Community C.	300.0	0.0	0.0	0.0	300.0	0.0	0.0
C. of the Holy Cross	912.8	912.8	0.0	0.0	0.0	0.0	0.0
Cape Cod Community C.	650.0	0.0	0.0	0.0	650.0	0.0	0.0
Clark U.	2,264.3	2,224.7	0.0	0.0	39.6	0.0	0.0
Consortium of Universities for the Advancement of Hydrologic Science Inc.	2,743.9	2,679.4	0.0	0.0	64.5	0.0	0.0
Emmanuel C., Boston	527.7	527.7	0.0	0.0	0.0	0.0	0.0
Framingham State U.	44.0	44.0	0.0	0.0	0.0	0.0	0.0
Franklin W. Olin C. of Engineering	185.4	185.4	0.0	0.0	0.0	0.0	0.0
Gordon C.	379.5	379.5	0.0	0.0	0.0	0.0	0.0
Greenfield Community C.	14.0	0.0	0.0	0.0	14.0	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Hampshire C.	162.8	65.7	0.0	0.0	97.2	0.0	0.0
Harvard U.	506,538.8	486,225.3	899.5	0.0	18,799.3	611.6	3.1
Holyoke Community C.	20.9	0.0	0.0	0.0	20.9	0.0	0.0
Lesley U.	199.2	199.2	0.0	0.0	0.0	0.0	0.0
Massachusetts Institute of Technology	333,396.1	320,647.6	3,483.8	0.0	5,420.4	0.0	3,844.4
Massachusetts Maritime Academy	1,192.0	0.0	0.0	1,000.0	192.0	0.0	0.0
Merrimack C.	183.1	183.1	0.0	0.0	0.0	0.0	0.0
MGH Institute of Health Professions	1,756.2	1,756.2	0.0	0.0	0.0	0.0	0.0
Mount Holyoke C.	1,672.2	1,463.0	0.0	0.0	209.2	0.0	0.0
New England C. of Optometry	1,156.4	1,094.0	0.0	0.0	62.4	0.0	0.0
North Shore Community C.	640.7	0.0	0.0	0.0	640.7	0.0	0.0
Northeast Radio Observatory Corp.	100.0	0.0	100.0	0.0	0.0	0.0	0.0
Northeastern U.	107,139.4	105,050.6	537.4	0.0	1,523.8	0.0	27.6
Pine Manor C.	17.1	17.1	0.0	0.0	0.0	0.0	0.0
Quincy C.	299.9	60.0	0.0	0.0	239.9	0.0	0.0
Simmons U.	215.4	215.4	0.0	0.0	0.0	0.0	0.0
Smith C.	3,931.4	3,349.5	0.0	0.0	581.9	0.0	0.0
Springfield Technical Community C.	17.9	0.0	0.0	0.0	17.9	0.0	0.0
Stonehill C.	174.0	174.0	0.0	0.0	0.0	0.0	0.0
Suffolk U.	163.8	127.8	0.0	0.0	36.1	0.0	0.0
Tufts U.	98,138.7	96,201.7	0.0	0.0	1,937.0	0.0	0.0
U. Massachusetts, Amherst	93,271.2	89,302.0	1,386.1	0.0	1,047.8	76.6	1,458.8
U. Massachusetts, Boston	11,509.5	10,339.6	426.5	0.0	339.4	0.0	404.1
U. Massachusetts, central office	7,612.7	7,612.7	0.0	0.0	0.0	0.0	0.0
U. Massachusetts, Dartmouth	5,295.4	5,272.1	0.0	0.0	23.2	0.0	0.0
U. Massachusetts, Lowell	23,282.1	22,869.9	0.0	0.0	404.3	0.0	7.8
U. Massachusetts, Medical School	153,016.6	147,574.1	0.0	0.0	5,322.5	119.9	0.0
Wellesley C.	1,875.4	1,875.4	0.0	0.0	0.0	0.0	0.0
Western New England U.	439.4	439.4	0.0	0.0	0.0	0.0	0.0
Williams C., Williamstown	1,414.2	1,031.2	0.0	0.0	99.1	0.0	283.8
Woods Hole Oceanographic Institution	153,602.5	143,415.5	1,554.6	0.0	158.6	0.0	8,473.8
Worcester Polytechnic Institute	21,440.5	15,715.0	7.9	0.0	5,510.7	0.0	206.8
Worcester State U.	33.1	0.0	0.0	0.0	0.0	0.0	33.1
Michigan	1,231,391.0	1,089,036.7	84,121.3	1,000.0	43,945.0	2,925.3	10,362.6
Andrews U.	200.6	200.6	0.0	0.0	0.0	0.0	0.0
Bay Mills Community C.	422.3	0.0	0.0	0.0	129.5	0.0	292.8
Calvin C.	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Central Michigan U.	4,588.8	4,360.1	0.0	0.0	95.8	0.0	132.8
Davenport U.	1,455.4	291.1	0.0	0.0	1,164.3	0.0	0.0
Eastern Michigan U.	2,012.0	2,012.0	0.0	0.0	0.0	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Grand Valley State U.	996.4	852.6	143.8	0.0	0.0	0.0	0.0
Hope C.	480.4	80.0	400.4	0.0	0.0	0.0	0.0
Keweenaw Bay Ojibwa Community C.	223.3	0.0	0.0	0.0	98.3	0.0	125.0
Lawrence Technological U.	416.8	344.6	72.1	0.0	0.0	0.0	0.0
Macomb Community C.	1,050.0	210.0	0.0	0.0	840.0	0.0	0.0
Michigan State U.	302,216.2	217,585.2	75,279.8	0.0	3,586.4	0.0	5,764.9
Michigan Technological U.	29,829.3	28,335.7	0.0	0.0	1,358.1	0.0	135.6
Monroe County Community C.	4,405.6	4,405.6	0.0	0.0	0.0	0.0	0.0
Northern Michigan U.	533.4	496.6	0.0	0.0	36.8	0.0	0.0
Northwestern Michigan C.	1,000.0	0.0	0.0	1,000.0	0.0	0.0	0.0
Oakland U.	4,479.0	3,707.9	735.3	0.0	35.8	0.0	0.0
Rochester U.	166.6	166.6	0.0	0.0	0.0	0.0	0.0
Saginaw Valley State U.	134.8	134.8	0.0	0.0	0.0	0.0	0.0
U. Detroit Mercy	1,906.0	891.8	0.0	0.0	1,014.2	0.0	0.0
U. Michigan	787,253.0	745,826.3	7,489.9	0.0	27,469.7	2,925.3	3,541.8
Van Andel Institute Graduate School	45.5	0.0	0.0	0.0	45.5	0.0	0.0
Wayne State U.	80,201.4	72,121.4	0.0	0.0	7,789.4	0.0	290.6
Western Michigan U.	7,374.3	7,013.9	0.0	0.0	281.3	0.0	79.0
Minnesota	483,036.7	432,917.7	2,764.0	0.0	34,160.6	0.0	13,194.4
Bemidji State U.	30.6	30.6	0.0	0.0	0.0	0.0	0.0
Bethel U., Saint Paul	68.3	68.3	0.0	0.0	0.0	0.0	0.0
C. of St. Scholastica	999.4	499.7	0.0	0.0	499.7	0.0	0.0
Carleton C.	1,595.7	1,437.5	0.0	0.0	94.0	0.0	64.2
Central Lakes C., Brainerd	14.6	14.6	0.0	0.0	0.0	0.0	0.0
Fond du Lac Tribal and Community C.	423.3	29.5	0.0	0.0	109.1	0.0	284.7
Gustavus Adolphus C.	100.7	100.7	0.0	0.0	0.0	0.0	0.0
Leech Lake Tribal C.	719.4	279.0	0.0	0.0	315.4	0.0	125.0
Macalester C.	675.7	590.2	0.0	0.0	85.5	0.0	0.0
Minnesota State C. Southeast	442.0	88.4	0.0	0.0	353.6	0.0	0.0
Minnesota State U., Mankato	21.0	21.0	0.0	0.0	0.0	0.0	0.0
Northland Community and Technical C.	6,956.5	1,391.3	0.0	0.0	5,565.2	0.0	0.0
Red Lake Nation C.	223.3	0.0	0.0	0.0	98.3	0.0	125.0
St. Catherine U.	258.1	258.1	0.0	0.0	0.0	0.0	0.0
St. Cloud State U.	635.6	127.1	0.0	0.0	508.5	0.0	0.0
St. Olaf C.	1,048.8	51.8	0.0	0.0	996.9	0.0	0.0
St. Paul C., A Community and Technical C.	434.6	86.9	0.0	0.0	347.7	0.0	0.0
U. Minnesota	467,132.2	426,879.1	2,764.0	0.0	25,018.5	0.0	12,470.6
U. of St. Thomas (MN)	380.9	373.9	0.0	0.0	7.1	0.0	0.0
White Earth Tribal and Community C.	223.3	0.0	0.0	0.0	98.3	0.0	125.0
Winona State U.	653.0	590.0	0.0	0.0	63.0	0.0	0.0
Mississippi	216,017.8	203,370.0	132.9	0.0	6,975.8	312.6	5,226.5
Alcorn State U.	5,949.2	2,707.0	0.0	0.0	1,548.6	99.0	1,594.6

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Hinds Community C.	687.6	87.5	0.0	0.0	350.1	0.0	250.0
Jackson State U.	10,359.0	6,685.3	0.0	0.0	2,736.6	0.0	937.2
Mississippi State U.	123,518.4	119,817.3	0.0	0.0	1,506.4	0.0	2,194.7
Mississippi Valley State U.	730.4	350.0	0.0	0.0	130.4	0.0	250.0
Tougaloo C.	1,640.4	1,327.9	0.0	0.0	312.5	0.0	0.0
U. Mississippi, Oxford	53,586.8	53,138.2	132.9	0.0	102.1	213.6	0.0
U. Southern Mississippi	19,546.0	19,256.8	0.0	0.0	289.2	0.0	0.0
Missouri	761,665.0	707,863.9	11,129.3	0.0	32,824.0	4,674.0	5,173.8
Avila U.	550.0	0.0	0.0	0.0	550.0	0.0	0.0
Harris-Stowe State U.	1,950.3	590.1	0.0	0.0	1,360.2	0.0	0.0
Lincoln U.	2,042.5	899.4	0.0	0.0	530.1	0.0	613.0
Missouri State U., Springfield	16,514.4	16,197.8	0.0	0.0	213.7	0.0	102.9
Missouri State U., West Plains	242.8	0.0	242.8	0.0	0.0	0.0	0.0
Missouri U. of Science and Technology	13,063.9	9,439.3	1,979.0	0.0	112.9	0.0	1,532.7
Rockhurst U.	134.7	123.9	0.0	0.0	10.8	0.0	0.0
Saint Louis U.	31,236.0	24,850.7	706.7	0.0	5,428.6	244.4	5.7
Southeast Missouri State U.	228.4	0.0	228.4	0.0	0.0	0.0	0.0
St. Louis C. of Pharmacy	7,960.0	7,895.7	0.0	0.0	64.3	0.0	0.0
St. Louis Community C.	373.4	74.7	0.0	0.0	298.7	0.0	0.0
U. Missouri System	22,752.7	18,314.2	0.0	0.0	2,206.7	0.0	2,231.8
U. Missouri, Columbia	86,186.8	82,249.3	0.0	0.0	3,313.2	325.2	299.1
U. Missouri, Kansas City	9,986.8	8,359.2	0.0	0.0	1,402.4	0.0	225.1
U. Missouri, Saint Louis	3,516.1	3,516.1	0.0	0.0	0.0	0.0	0.0
Washington U., Saint Louis	564,535.4	535,084.5	7,972.4	0.0	17,210.5	4,104.5	163.5
Webster U.	212.0	90.0	0.0	0.0	122.0	0.0	0.0
William Jewell C.	179.0	179.0	0.0	0.0	0.0	0.0	0.0
Montana	102,503.4	89,930.7	0.0	0.0	4,852.3	151.1	7,569.2
Aaniih Nakoda C.	723.3	250.0	0.0	0.0	348.3	0.0	125.0
Blackfeet Community C.	230.8	32.5	0.0	0.0	135.8	0.0	62.5
Chief Dull Knife C.	1,086.4	335.2	0.0	0.0	426.2	0.0	325.0
Fort Peck Community C.	535.2	156.0	0.0	0.0	254.2	0.0	125.0
Little Big Horn C.	337.0	12.0	0.0	0.0	0.0	0.0	325.0
Montana State U., Billings	889.8	874.8	0.0	0.0	15.0	0.0	0.0
Montana State U., Bozeman	53,234.3	45,700.9	0.0	0.0	1,498.7	0.0	6,034.8
Montana Technological U.	3,304.0	3,304.0	0.0	0.0	0.0	0.0	0.0
Salish Kootenai C.	2,768.0	919.2	0.0	0.0	1,620.9	0.0	227.8
Stone Child C.	414.5	0.0	0.0	0.0	193.9	0.0	220.6
U. Montana, Missoula	38,891.0	38,344.3	0.0	0.0	272.0	151.1	123.6
U. of Providence	89.2	1.8	0.0	0.0	87.4	0.0	0.0
Nebraska	215,852.4	190,495.3	841.6	0.0	16,695.4	718.6	7,101.5
Central Community C.	460.0	92.0	0.0	0.0	368.0	0.0	0.0
Creighton U.	5,791.1	5,791.1	0.0	0.0	0.0	0.0	0.0
Doane U.	300.0	0.0	0.0	0.0	300.0	0.0	0.0
Nebraska Indian Community C.	223.3	0.0	0.0	0.0	98.3	0.0	125.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. Nebraska, central administration	36,966.3	32,592.1	0.0	0.0	393.3	0.0	3,981.0
U. Nebraska, Kearney	300.0	300.0	0.0	0.0	0.0	0.0	0.0
U. Nebraska, Lincoln	70,291.7	61,018.9	562.8	0.0	5,647.3	67.1	2,995.6
U. Nebraska, Medical Center	87,866.9	86,420.3	0.0	0.0	795.2	651.5	0.0
U. Nebraska, Omaha	13,653.0	4,281.0	278.8	0.0	9,093.3	0.0	0.0
Nevada	91,097.7	81,351.4	977.4	0.0	5,354.8	0.0	3,414.1
Desert Research Institute	3,641.3	3,641.3	0.0	0.0	0.0	0.0	0.0
Great Basin C.	49.1	49.1	0.0	0.0	0.0	0.0	0.0
Nevada System of Higher Education	27,890.9	23,510.9	302.1	0.0	2,097.5	0.0	1,980.4
U. Nevada, Las Vegas	24,847.4	20,981.6	675.3	0.0	1,756.8	0.0	1,433.8
U. Nevada, Reno	34,669.0	33,168.5	0.0	0.0	1,500.4	0.0	0.0
New Hampshire	168,813.3	161,112.3	1,002.9	0.0	6,084.6	75.0	538.4
Colby-Sawyer C.	648.0	0.0	0.0	0.0	648.0	0.0	0.0
Community C. System of New Hampshire, Manchester Community C.	299.5	59.9	0.0	0.0	239.6	0.0	0.0
Dartmouth C.	123,096.5	119,018.9	400.0	0.0	3,554.9	75.0	47.7
Keene State C.	227.4	227.4	0.0	0.0	0.0	0.0	0.0
Plymouth State U.	25.0	25.0	0.0	0.0	0.0	0.0	0.0
U. New Hampshire, Durham	30,025.6	27,640.3	602.9	0.0	1,634.3	0.0	148.1
U. System New Hampshire	14,491.3	14,140.8	0.0	0.0	7.9	0.0	342.6
New Jersey	504,752.6	479,649.1	3,663.2	0.0	12,790.1	1,810.0	6,840.2
C. New Jersey	2,056.6	1,763.2	245.6	0.0	47.8	0.0	0.0
Kean U.	972.8	894.9	0.0	0.0	77.8	0.0	0.0
Montclair State U.	2,307.5	1,560.7	0.0	0.0	361.2	0.0	385.6
New Jersey City U.	143.4	143.4	0.0	0.0	0.0	0.0	0.0
New Jersey Institute of Technology	34,690.2	33,362.3	0.0	0.0	1,327.9	0.0	0.0
New Jersey Sea Grant Consortium Inc.	2,318.4	2,318.4	0.0	0.0	0.0	0.0	0.0
Passaic County Community C.	499.8	0.0	0.0	0.0	499.8	0.0	0.0
Princeton U.	156,573.4	151,162.5	860.1	0.0	4,308.0	0.0	242.7
Rider U., Lawrenceville	56.3	56.3	0.0	0.0	0.0	0.0	0.0
Rowan U.	14,206.2	14,182.2	0.0	0.0	24.0	0.0	0.0
Rutgers, State U. New Jersey	275,427.8	258,720.4	2,557.5	0.0	6,128.0	1,810.0	6,211.9
Seton Hall U.	850.8	850.8	0.0	0.0	0.0	0.0	0.0
Stevens Institute of Technology	14,112.5	14,104.6	0.0	0.0	7.9	0.0	0.0
Thomas Edison State U.	7.5	0.0	0.0	0.0	7.5	0.0	0.0
William Paterson U.	529.4	529.4	0.0	0.0	0.0	0.0	0.0
New Mexico	176,029.4	148,433.2	4,385.9	0.0	18,481.7	69.0	4,659.6
Central New Mexico Community C.	299.8	275.8	0.0	0.0	24.0	0.0	0.0
Institute of American Indian and Alaska Native Culture and Arts Development	371.8	0.0	0.0	0.0	172.5	0.0	199.3
Navajo Technical U.	2,960.6	1,704.7	0.0	0.0	1,005.8	0.0	250.1

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New Mexico Consortium	828.5	828.5	0.0	0.0	0.0	0.0	0.0
New Mexico Highlands U.	853.9	634.0	153.9	0.0	66.0	0.0	0.0
New Mexico Institute of Mining and Technology	4,183.2	4,183.2	0.0	0.0	0.0	0.0	0.0
New Mexico State U., Las Cruces	50,957.1	40,545.8	0.0	0.0	6,348.7	69.0	3,993.7
Northern New Mexico C.	284.8	0.0	0.0	0.0	284.8	0.0	0.0
Southwestern Indian Polytechnic Institute	806.1	410.1	0.0	0.0	303.6	0.0	92.4
U. New Mexico	114,483.6	99,851.1	4,232.0	0.0	10,276.3	0.0	124.1
New York	3,160,971.0	2,978,234.1	10,104.3	1,000.0	135,860.3	11,922.2	23,850.2
Adelphi U.	893.2	210.3	0.0	0.0	682.9	0.0	0.0
Albany C. of Pharmacy and Health Sciences	1,306.8	1,306.8	0.0	0.0	0.0	0.0	0.0
Albany Medical C.	13,984.7	13,939.6	0.0	0.0	45.0	0.0	0.0
Albert Einstein C. of Medicine	173,537.0	167,293.4	0.0	0.0	5,353.2	890.4	0.0
Alfred U.	706.7	706.7	0.0	0.0	0.0	0.0	0.0
Bard C.	129.5	129.5	0.0	0.0	0.0	0.0	0.0
Barnard C.	2,264.7	2,264.7	0.0	0.0	0.0	0.0	0.0
Buffalo State - SUNY	1,317.1	715.9	0.0	0.0	601.2	0.0	0.0
C. New Rochelle	650.0	0.0	0.0	0.0	650.0	0.0	0.0
Canisius C.	673.5	673.5	0.0	0.0	0.0	0.0	0.0
Clarkson U.	5,691.9	3,258.1	288.4	0.0	1,530.0	0.0	615.3
Cold Spring Harbor Laboratory	54,771.8	54,225.0	12.6	0.0	534.1	0.0	0.0
Colgate U.	1,461.1	1,163.7	297.4	0.0	0.0	0.0	0.0
Columbia U. in the City of New York	687,042.9	653,356.9	132.4	0.0	27,419.1	928.8	5,205.6
Cornell U., Ithaca	451,339.2	423,721.6	2,114.9	0.0	17,564.7	0.0	7,938.0
CUNY, Baruch C.	837.6	837.6	0.0	0.0	0.0	0.0	0.0
CUNY, Borough of Manhattan Community C.	489.8	489.8	0.0	0.0	0.0	0.0	0.0
CUNY, Brooklyn C.	4,628.1	3,755.3	154.4	0.0	434.9	148.7	134.8
CUNY, C. Staten Island	1,361.9	870.5	0.0	0.0	491.4	0.0	0.0
CUNY, City C.	18,092.2	17,680.1	0.0	0.0	412.1	0.0	0.0
CUNY, Graduate Center	730.2	697.4	0.0	0.0	32.9	0.0	0.0
CUNY, Hostos Community C.	999.4	0.0	0.0	0.0	999.4	0.0	0.0
CUNY, Hunter C.	21,010.7	19,512.6	656.9	0.0	841.2	0.0	0.0
CUNY, John Jay C. of Criminal Justice	2,629.4	2,629.4	0.0	0.0	0.0	0.0	0.0
CUNY, LaGuardia Community C.	301.1	301.1	0.0	0.0	0.0	0.0	0.0
CUNY, Lehman C.	2,740.5	1,945.9	0.0	0.0	794.5	0.0	0.0
CUNY, Medgar Evers C.	428.6	428.6	0.0	0.0	0.0	0.0	0.0
CUNY, New York City C. of Technology	1,926.5	794.9	0.0	0.0	1,131.6	0.0	0.0
CUNY, Queens C.	7,547.1	7,024.4	0.0	0.0	522.7	0.0	0.0
CUNY, Queensborough Community C.	491.1	356.2	48.7	0.0	86.2	0.0	0.0
CUNY, system office	20,325.9	19,486.8	0.0	0.0	839.1	0.0	0.0



TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
CUNY, York C.	299.2	299.2	0.0	0.0	0.0	0.0	0.0
D'Youville C.	680.5	0.0	0.0	0.0	680.5	0.0	0.0
Fordham U.	1,957.9	1,923.9	0.0	0.0	34.1	0.0	0.0
Hamilton C.	37.5	37.5	0.0	0.0	0.0	0.0	0.0
Hartwick C.	118.8	118.8	0.0	0.0	0.0	0.0	0.0
Hobart and William Smith Colleges	171.0	171.0	0.0	0.0	0.0	0.0	0.0
Hofstra U.	2,769.7	503.3	0.0	0.0	2,266.3	0.0	0.0
Icahn School of Medicine at Mt. Sinai	404,772.8	395,677.6	0.0	0.0	6,561.9	2,533.3	0.0
Ithaca C.	2,255.1	844.1	0.0	0.0	1,411.0	0.0	0.0
Le Moyne C.	650.0	0.0	0.0	0.0	650.0	0.0	0.0
Long Island U.	2,271.8	1,466.2	0.0	0.0	805.5	0.0	0.0
Manhattan C.	978.1	383.1	293.5	0.0	0.0	0.0	301.5
Marist C.	379.9	379.9	0.0	0.0	0.0	0.0	0.0
Mercy C.	445.4	200.0	0.0	0.0	0.0	0.0	245.4
Molloy C.	190.6	0.0	190.6	0.0	0.0	0.0	0.0
Mount Saint Mary C., Newburgh	324.0	0.0	0.0	0.0	324.0	0.0	0.0
New School	981.2	981.2	0.0	0.0	0.0	0.0	0.0
New York Institute of Technology	3,849.5	2,238.8	0.0	0.0	1,610.8	0.0	0.0
New York Medical C.	8,835.9	8,835.9	0.0	0.0	0.0	0.0	0.0
New York Structural Biology Center	17,328.5	17,266.9	0.0	0.0	61.6	0.0	0.0
New York U.	446,777.6	430,177.6	160.0	0.0	14,140.4	581.1	1,718.5
Pace U., New York City	1,741.0	894.7	372.3	0.0	474.0	0.0	0.0
Pratt Institute	187.6	183.9	0.0	0.0	0.0	0.0	3.8
Rensselaer Polytechnic Institute, Troy	27,457.7	25,709.6	0.0	0.0	996.1	752.0	0.0
Rochester Institute of Technology	21,992.7	16,589.5	0.0	0.0	5,403.2	0.0	0.0
Rockefeller U.	75,364.8	73,971.4	0.0	0.0	1,393.4	0.0	0.0
Siena C.	589.9	440.0	0.0	0.0	149.9	0.0	0.0
Skidmore C.	849.7	849.7	0.0	0.0	0.0	0.0	0.0
St. Bonaventure U.	840.0	770.8	0.0	0.0	69.3	0.0	0.0
St. John Fisher C.	1,177.3	23.5	0.0	0.0	1,153.8	0.0	0.0
St. John's U., New York	1,212.4	1,212.4	0.0	0.0	0.0	0.0	0.0
St. Lawrence U.	1,236.4	0.0	236.5	0.0	999.9	0.0	0.0
SUNY Downstate Health Sciences U.	22,857.4	20,821.4	0.0	0.0	36.0	2,000.0	0.0
SUNY, Binghamton U.	18,364.3	15,463.0	1,825.2	0.0	476.1	600.0	0.0
SUNY, C. of Environmental Science and Forestry	1,037.1	1,037.1	0.0	0.0	0.0	0.0	0.0
SUNY, C. of Optometry	2,320.6	2,206.8	0.0	0.0	113.8	0.0	0.0
SUNY, C. Old Westbury	6,129.5	0.0	0.0	0.0	0.0	0.0	6,129.5
SUNY, C. Plattsburgh	354.5	354.5	0.0	0.0	0.0	0.0	0.0
SUNY, Farmingdale State C.	999.7	0.0	0.0	0.0	999.7	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
SUNY, Fashion Institute of Technology	186.6	0.0	186.6	0.0	0.0	0.0	0.0
SUNY, Finger Lakes Community C.	48.1	44.3	0.0	0.0	3.9	0.0	0.0
SUNY, Geneseo	1,084.7	464.5	0.0	0.0	222.5	0.0	397.7
SUNY, Maritime C.	1,480.0	0.0	0.0	1,000.0	480.0	0.0	0.0
SUNY, Mohawk Valley Community C.	599.9	120.0	0.0	0.0	480.0	0.0	0.0
SUNY, New Paltz	317.5	317.5	0.0	0.0	0.0	0.0	0.0
SUNY, Oswego	193.8	193.8	0.0	0.0	0.0	0.0	0.0
SUNY, Polytechnic Institute	7,344.5	2,544.5	0.0	0.0	4,800.0	0.0	0.0
SUNY, Potsdam	414.0	414.0	0.0	0.0	0.0	0.0	0.0
SUNY, Purchase C.	591.0	291.2	0.0	0.0	299.8	0.0	0.0
SUNY, Stony Brook U., Stony Brook	118,906.4	111,579.0	572.0	0.0	6,310.7	0.0	444.8
SUNY, system office	42,432.2	37,270.4	1,423.7	0.0	3,398.2	0.0	339.8
SUNY, U. Albany	28,458.1	25,480.7	118.4	0.0	859.0	2,000.0	0.0
SUNY, U. Buffalo, Buffalo	64,204.0	61,130.0	0.0	0.0	1,586.2	1,487.7	0.0
SUNY, Upstate Medical U.	20,970.6	20,825.5	0.0	0.0	145.0	0.0	0.0
Syracuse U., Syracuse	20,381.8	19,712.2	619.6	0.0	50.0	0.0	0.0
Teachers C., Columbia U.	5,666.1	5,386.6	0.0	0.0	279.5	0.0	0.0
Touro C.	3,728.3	929.5	0.0	0.0	2,798.8	0.0	0.0
U. Rochester	279,922.7	267,290.8	15.5	0.0	12,257.8	0.0	358.6
Union C., Schenectady	1,352.1	929.2	384.7	0.0	38.2	0.0	0.0
Vassar C.	919.7	829.7	0.0	0.0	73.0	0.0	16.9
Yeshiva U.	671.0	671.0	0.0	0.0	0.0	0.0	0.0
North Carolina	1,662,046.6	1,533,633.6	18,341.6	0.0	84,239.1	990.2	24,842.1
Appalachian State U.	1,801.7	1,651.7	0.0	0.0	150.0	0.0	0.0
Bennett C., Greensboro	299.9	240.0	0.0	0.0	60.0	0.0	0.0
Davidson C.	1,636.7	1,486.7	0.0	0.0	150.0	0.0	0.0
Duke U.	643,834.6	629,089.0	1,152.5	0.0	12,838.2	599.9	155.0
East Carolina U.	21,213.8	14,752.1	0.0	0.0	6,316.3	0.0	145.3
Elizabeth City State U.	1,061.6	135.8	176.8	0.0	553.6	0.0	195.5
Elon U.	96.4	96.4	0.0	0.0	0.0	0.0	0.0
Fayetteville State U.	1,781.1	1,661.4	0.0	0.0	119.7	0.0	0.0
High Point U.	299.5	0.0	299.5	0.0	0.0	0.0	0.0
Johnson C. Smith U.	799.0	521.6	0.0	0.0	30.0	0.0	247.4
Johnston Community C.	283.9	56.8	0.0	0.0	227.1	0.0	0.0
Methodist U.	600.0	0.0	0.0	0.0	600.0	0.0	0.0
Montgomery Community C.	32.6	0.0	0.0	0.0	0.0	0.0	32.6
North Carolina Agricultural and Technical State U.	22,703.8	16,659.0	0.0	0.0	4,238.4	0.0	1,806.4
North Carolina Central U.	13,506.2	11,965.3	40.6	0.0	1,250.5	0.0	249.8
North Carolina State U.	176,836.6	144,472.6	177.4	0.0	14,895.1	139.2	17,152.4
Saint Augustine's U.	299.9	239.9	0.0	0.0	60.0	0.0	0.0
Stanly Community C.	300.0	60.0	0.0	0.0	240.0	0.0	0.0
U. North Carolina, Asheville	1,352.6	304.5	0.0	0.0	1,015.4	0.0	32.7
U. North Carolina, Chapel Hill	586,017.7	535,560.2	16,494.8	0.0	31,238.7	0.0	2,724.0
U. North Carolina, Charlotte	21,678.4	17,764.9	0.0	0.0	2,239.0	142.7	1,531.8

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. North Carolina, general administration	296.3	296.3	0.0	0.0	0.0	0.0	0.0
U. North Carolina, Greensboro	13,142.6	11,924.1	0.0	0.0	768.6	0.0	449.9
U. North Carolina, Pembroke	1,070.1	70.1	0.0	0.0	1,000.0	0.0	0.0
U. North Carolina, Wilmington	3,437.2	2,923.3	0.0	0.0	394.6	0.0	119.4
Wake Forest U.	143,841.5	140,143.3	0.0	0.0	3,589.7	108.5	0.0
Wake Technical Community C.	422.4	84.5	0.0	0.0	337.9	0.0	0.0
Winston-Salem State U.	3,400.4	1,474.2	0.0	0.0	1,926.3	0.0	0.0
North Dakota	49,688.3	38,722.4	229.4	0.0	6,535.9	137.0	4,063.6
Cankdeska Cikana Community C.	2,314.9	1,045.8	0.0	0.0	1,144.1	0.0	125.0
North Dakota State U., Main Campus	21,886.8	17,944.4	0.0	0.0	459.4	137.0	3,346.1
Nueta Hidatsa Sahnish C.	723.3	250.0	0.0	0.0	285.8	0.0	187.5
Sitting Bull C.	795.0	526.8	0.0	0.0	113.3	0.0	155.0
Turtle Mountain Community C.	223.3	0.0	0.0	0.0	98.3	0.0	125.0
U. North Dakota	22,324.6	17,793.6	229.4	0.0	4,301.6	0.0	0.0
United Tribes Technical C.	1,420.4	1,161.8	0.0	0.0	133.6	0.0	125.0
Ohio	978,559.4	908,860.4	18,721.0	0.0	40,443.6	4,540.0	5,994.3
Bowling Green State U., Bowling Green	4,569.0	4,298.6	0.0	0.0	270.4	0.0	0.0
C. Wooster	650.0	487.0	0.0	0.0	163.1	0.0	0.0
Case Western Reserve U.	320,265.4	308,891.6	0.0	0.0	9,599.6	1,773.3	1.0
Central State U.	5,921.8	3,664.5	0.0	0.0	563.8	0.0	1,693.5
Clark State Community C.	899.2	0.0	0.0	0.0	899.2	0.0	0.0
Cleveland State U.	3,614.4	3,464.5	0.0	0.0	150.0	0.0	0.0
Columbus State Community C.	618.8	170.4	0.0	0.0	448.4	0.0	0.0
Denison U.	832.3	434.3	398.0	0.0	0.0	0.0	0.0
Heidelberg U.	50.0	50.0	0.0	0.0	0.0	0.0	0.0
Kent State U., Kent	14,150.1	13,983.7	0.0	0.0	149.3	0.0	17.1
Kenyon C.	940.6	883.9	0.0	0.0	0.0	0.0	56.7
Lake Erie C.	25.6	25.6	0.0	0.0	0.0	0.0	0.0
Lorain County Community C.	165.8	165.8	0.0	0.0	0.0	0.0	0.0
Miami U.	7,726.9	6,695.5	1,007.6	0.0	23.9	0.0	0.0
Northeast Ohio Medical U.	10,482.2	10,482.2	0.0	0.0	0.0	0.0	0.0
Northwest State Community C.	988.4	197.7	0.0	0.0	790.7	0.0	0.0
Oberlin C.	865.9	865.9	0.0	0.0	0.0	0.0	0.0
Ohio Dominican U.	993.9	19.9	0.0	0.0	974.0	0.0	0.0
Ohio Northern U.	418.6	418.6	0.0	0.0	0.0	0.0	0.0
Ohio State U.	352,326.6	311,613.8	16,988.8	0.0	17,991.5	1,950.9	3,781.5
Ohio U.	12,696.3	12,663.8	0.0	0.0	17.5	0.0	15.0
Ohio Wesleyan U.	206.3	189.7	0.0	0.0	16.7	0.0	0.0
Shawnee State U.	900.0	0.0	0.0	0.0	900.0	0.0	0.0
Sinclair Community C.	631.3	126.3	0.0	0.0	505.0	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Southwestern Ohio Council for Higher Education	1,719.6	1,719.6	0.0	0.0	0.0	0.0	0.0
U. Akron, Akron	9,476.4	9,426.4	0.0	0.0	50.0	0.0	0.0
U. Cincinnati	89,142.9	83,281.1	35.0	0.0	5,011.0	815.8	0.0
U. Dayton	81,724.2	81,558.3	0.0	0.0	165.8	0.0	0.0
U. Toledo	25,980.6	24,161.3	0.0	0.0	1,529.0	0.0	290.3
Wittenberg U.	661.2	340.0	291.7	0.0	29.6	0.0	0.0
Wright State U., Dayton	28,074.4	28,074.4	0.0	0.0	0.0	0.0	0.0
Xavier U.	204.6	204.6	0.0	0.0	0.0	0.0	0.0
Youngstown State U.	392.1	252.9	0.0	0.0	0.0	0.0	139.1
Zane State C.	243.9	48.8	0.0	0.0	195.1	0.0	0.0
Oklahoma	209,141.6	187,807.4	8,492.2	0.0	8,580.1	206.9	4,055.0
C. of the Muscogee Nation	98.3	24.6	0.0	0.0	73.7	0.0	0.0
Cameron U.	156.6	156.6	0.0	0.0	0.0	0.0	0.0
Langston U.	6,872.8	4,771.1	0.0	0.0	1,140.3	0.0	961.4
Oklahoma State U., Stillwater	38,298.5	33,923.7	492.2	0.0	1,145.4	20.3	2,716.9
Oral Roberts U.	500.0	500.0	0.0	0.0	0.0	0.0	0.0
U. Central Oklahoma	266.6	266.6	0.0	0.0	0.0	0.0	0.0
U. Oklahoma, Norman	157,164.5	142,380.5	8,000.0	0.0	6,220.8	186.5	376.7
U. Tulsa	5,784.3	5,784.3	0.0	0.0	0.0	0.0	0.0
Oregon	615,132.8	464,005.7	120,716.8	0.0	21,175.9	1,100.1	8,134.3
Eastern Oregon U.	364.9	364.9	0.0	0.0	0.0	0.0	0.0
High Desert Partnership	898.0	898.0	0.0	0.0	0.0	0.0	0.0
Lewis and Clark C.	1,052.0	669.6	382.4	0.0	0.0	0.0	0.0
Linn-Benton Community C.	24.0	0.0	0.0	0.0	24.0	0.0	0.0
National U. of Natural Medicine	134.5	134.5	0.0	0.0	0.0	0.0	0.0
Oregon Health and Science U.	289,552.2	280,932.7	3,000.0	0.0	5,234.9	384.6	0.0
Oregon Institute of Technology	119.9	110.3	0.0	0.0	9.6	0.0	0.0
Oregon State U.	211,715.2	95,222.1	109,331.9	0.0	2,617.1	715.5	3,828.6
Pacific U.	2,704.3	1,561.5	0.0	0.0	1,142.8	0.0	0.0
Portland Community C.	1,563.1	112.6	0.0	0.0	1,450.4	0.0	0.0
Portland State U.	34,213.5	22,807.4	2.5	0.0	7,771.7	0.0	3,631.9
Reed C.	1,503.0	1,399.0	0.0	0.0	104.0	0.0	0.0
Southern Oregon U.	300.0	300.0	0.0	0.0	0.0	0.0	0.0
U. Oregon, Eugene	69,354.1	58,577.3	8,000.0	0.0	2,552.9	0.0	223.9
U. Portland	55.4	50.9	0.0	0.0	4.4	0.0	0.0
Willamette U.	1,578.7	864.7	0.0	0.0	264.0	0.0	450.0
Pennsylvania	2,403,531.7	2,282,065.1	3,553.4	0.0	94,024.1	5,194.3	18,694.9
Allegheny C.	344.3	338.4	0.0	0.0	0.0	0.0	6.0
Alvernia U.	550.0	0.0	0.0	0.0	550.0	0.0	0.0
Bloomsburg U. Pennsylvania	371.2	371.2	0.0	0.0	0.0	0.0	0.0
Bryn Mawr C.	1,109.4	954.9	0.0	0.0	49.0	0.0	105.5
Bucknell U.	1,074.3	819.8	0.0	0.0	0.0	0.0	254.5
Bucks County Community C., Newtown	391.1	78.2	0.0	0.0	312.9	0.0	0.0
Carlow U.	926.9	18.5	0.0	0.0	908.4	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Carnegie Mellon U.	296,971.8	292,261.3	11.0	0.0	2,642.5	0.0	2,057.0
Chatham U.	548.1	548.1	0.0	0.0	0.0	0.0	0.0
Cheyney U. Pennsylvania	199.9	40.0	0.0	0.0	160.0	0.0	0.0
Clarion U. Pennsylvania	305.1	305.1	0.0	0.0	0.0	0.0	0.0
Community C. Allegheny County	402.6	80.5	0.0	0.0	322.0	0.0	0.0
Dickinson C.	435.9	435.9	0.0	0.0	0.0	0.0	0.0
Drexel U.	57,366.1	54,308.6	542.7	0.0	1,720.4	364.9	429.5
Duquesne U.	2,545.0	2,502.7	0.0	0.0	42.2	0.0	0.0
East Stroudsburg U. Pennsylvania	445.7	0.0	0.0	0.0	445.7	0.0	0.0
Edinboro U. Pennsylvania	701.3	14.0	0.0	0.0	687.3	0.0	0.0
Franklin and Marshall C.	1,902.1	1,902.1	0.0	0.0	0.0	0.0	0.0
Gettysburg C.	546.0	546.0	0.0	0.0	0.0	0.0	0.0
Haverford C.	1,839.5	1,839.5	0.0	0.0	0.0	0.0	0.0
Institute for Public Policy and Economic Development	93.6	93.6	0.0	0.0	0.0	0.0	0.0
Juniata C.	1,755.6	790.7	0.0	0.0	964.9	0.0	0.0
Keystone C.	30.5	30.5	0.0	0.0	0.0	0.0	0.0
Kutztown U. Pennsylvania	45.0	45.0	0.0	0.0	0.0	0.0	0.0
Lafayette C.	103.8	103.8	0.0	0.0	0.0	0.0	0.0
Lehigh U.	21,161.6	20,650.7	0.0	0.0	118.0	0.0	393.0
Lincoln U. of the Commonwealth of Pennsylvania	4,868.5	3,472.7	0.0	0.0	429.9	0.0	966.0
Marywood U.	695.2	13.9	0.0	0.0	681.3	0.0	0.0
Millersville U. Pennsylvania	1,090.2	403.2	287.2	0.0	399.7	0.0	0.0
Moravian C.	107.3	107.3	0.0	0.0	0.0	0.0	0.0
Mount Aloysius C.	450.0	0.0	0.0	0.0	450.0	0.0	0.0
Neumann U.	74.8	1.5	0.0	0.0	73.3	0.0	0.0
Northampton Community C.	299.3	59.9	0.0	0.0	239.5	0.0	0.0
Pennsylvania C. of Technology	685.3	137.1	0.0	0.0	548.2	0.0	0.0
Pennsylvania State U.	548,041.0	519,995.7	158.7	0.0	13,502.3	3,459.6	10,924.6
Philadelphia C. of Osteopathic Medicine	262.5	262.5	0.0	0.0	0.0	0.0	0.0
Pittsburgh Institute of Aeronautics	15.0	15.0	0.0	0.0	0.0	0.0	0.0
Pittsburgh Technical C.	297.7	59.5	0.0	0.0	238.2	0.0	0.0
Robert Morris U.	998.1	0.0	0.0	0.0	998.1	0.0	0.0
Saint Francis U.	83.2	0.0	83.2	0.0	0.0	0.0	0.0
Saint Joseph's U.	587.5	449.3	138.2	0.0	0.0	0.0	0.0
Salus U.	410.4	410.4	0.0	0.0	0.0	0.0	0.0
Swarthmore C.	572.4	522.4	0.0	0.0	0.0	0.0	50.0
Temple U.	99,727.5	96,513.8	16.0	0.0	3,197.7	0.0	0.0
Thomas Jefferson U.	69,969.8	67,917.6	0.0	0.0	1,958.2	94.0	0.0
U. of the Sciences Philadelphia	583.5	583.5	0.0	0.0	0.0	0.0	0.0
U. Pennsylvania	657,773.3	625,480.2	811.2	0.0	30,247.4	988.6	245.8

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. Pittsburgh	617,451.8	581,755.6	1,018.5	0.0	31,127.4	287.1	3,263.1
Ursinus C.	605.8	605.8	0.0	0.0	0.0	0.0	0.0
Villanova U.	3,833.9	3,821.7	0.0	0.0	12.2	0.0	0.0
West Chester U. Pennsylvania	66.4	66.4	0.0	0.0	0.0	0.0	0.0
Widener U., Chester	280.8	280.8	0.0	0.0	0.0	0.0	0.0
Wilkes U.	486.6	0.0	486.6	0.0	0.0	0.0	0.0
Wilson C., Chambersburg	1,047.5	50.0	0.0	0.0	997.5	0.0	0.0
Rhode Island	216,940.8	204,531.1	2,612.4	0.0	6,256.2	600.0	2,941.1
Brown U.	163,994.5	158,108.6	570.7	0.0	4,715.2	600.0	0.0
Bryant U.	122.6	122.6	0.0	0.0	0.0	0.0	0.0
Providence C.	288.3	0.0	288.3	0.0	0.0	0.0	0.0
Rhode Island C.	343.1	343.1	0.0	0.0	0.0	0.0	0.0
Salve Regina U.	127.4	0.0	0.0	0.0	0.0	0.0	127.4
U. Rhode Island	52,064.8	45,956.7	1,753.4	0.0	1,541.0	0.0	2,813.6
South Carolina	287,364.3	254,014.6	1,508.0	0.0	24,278.3	0.0	7,563.4
Anderson U., Anderson, South Carolina	212.1	212.1	0.0	0.0	0.0	0.0	0.0
Benedict C.	249.8	0.0	0.0	0.0	0.0	0.0	249.8
C. Charleston	1,716.8	1,208.9	0.0	0.0	507.8	0.0	0.0
Citadel Military C. South Carolina	298.5	298.5	0.0	0.0	0.0	0.0	0.0
Clafin U.	1,641.3	1,227.3	0.0	0.0	167.5	0.0	246.6
Clemson U.	54,471.0	44,266.5	493.3	0.0	4,748.6	0.0	4,962.6
Florence-Darlington Technical C.	989.1	0.0	0.0	0.0	989.1	0.0	0.0
Francis Marion U.	1,024.5	0.0	0.0	0.0	1,024.5	0.0	0.0
Furman U.	1,717.9	1,232.9	485.0	0.0	0.0	0.0	0.0
Horry-Georgetown Technical C.	497.8	497.8	0.0	0.0	0.0	0.0	0.0
Medical U. South Carolina	134,967.3	123,875.7	0.0	0.0	11,091.6	0.0	0.0
Northeastern Technical C.	272.3	54.5	0.0	0.0	217.9	0.0	0.0
South Carolina Sea Grant Consortium	1,556.7	1,556.7	0.0	0.0	0.0	0.0	0.0
South Carolina State U.	7,411.0	4,985.1	0.0	0.0	1,136.7	0.0	1,289.3
Spartanburg Community C.	265.5	0.0	0.0	0.0	265.5	0.0	0.0
Trident Technical C.	447.7	0.0	0.0	0.0	447.7	0.0	0.0
U. South Carolina	79,625.0	74,598.7	529.7	0.0	3,681.4	0.0	815.2
South Dakota	45,425.4	33,027.0	255.0	0.0	8,087.1	746.6	3,309.8
Augustana U., Sioux Falls	207.3	207.3	0.0	0.0	0.0	0.0	0.0
Black Hills State U.	94.9	94.9	0.0	0.0	0.0	0.0	0.0
Dakota State U.	4,293.8	1,160.8	0.0	0.0	3,133.1	0.0	0.0
Oglala Lakota C.	1,378.3	483.8	0.0	0.0	569.5	0.0	325.0
Sinte Gleska U.	435.7	243.7	0.0	0.0	107.2	0.0	84.8
Sisseton Wahpeton C.	674.1	140.6	0.0	0.0	439.7	0.0	93.8
South Dakota Board of Regents	3,828.4	3,828.4	0.0	0.0	0.0	0.0	0.0
South Dakota School of Mines and Technology	7,369.5	7,177.7	0.0	0.0	0.0	0.0	191.7
South Dakota State U.	17,013.1	12,454.0	25.0	0.0	1,773.1	746.6	2,014.5

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. South Dakota	10,130.4	7,235.9	230.0	0.0	2,064.5	0.0	600.0
Tennessee	662,341.7	597,471.9	2,324.0	0.0	49,256.8	3,393.7	9,895.2
Austin Peay State U.	45.0	45.0	0.0	0.0	0.0	0.0	0.0
East Tennessee State U.	9,155.4	8,451.0	0.0	0.0	704.3	0.0	0.0
Fisk U.	2,945.1	1,720.5	0.0	0.0	1,224.6	0.0	0.0
Lane C.	1,048.6	0.0	0.0	0.0	1,048.6	0.0	0.0
Lincoln Memorial U.	286.5	97.1	0.0	0.0	94.7	0.0	94.7
Maryville C.	999.9	0.0	0.0	0.0	999.9	0.0	0.0
Meharry Medical C.	14,255.9	9,501.5	0.0	0.0	4,504.3	0.0	250.0
Middle Tennessee State U.	3,741.9	2,665.9	211.8	0.0	396.8	467.4	0.0
Northeast State Community C.	164.6	164.6	0.0	0.0	0.0	0.0	0.0
Oak Ridge Associated Universities	25,408.4	25,408.4	0.0	0.0	0.0	0.0	0.0
Rhodes C., Memphis	1,645.6	167.9	0.0	0.0	1,477.6	0.0	0.0
Roane State Community C.	299.8	60.0	0.0	0.0	239.8	0.0	0.0
Sewanee: U. of the South	31.0	31.0	0.0	0.0	0.0	0.0	0.0
Tennessee State U.	16,670.2	10,877.2	199.5	0.0	4,237.0	0.0	1,356.5
Tennessee Technological U.	3,243.1	2,450.5	0.0	0.0	674.4	118.2	0.0
U. Memphis	9,512.7	7,563.7	2.3	0.0	1,560.3	0.0	386.4
U. Tennessee, Chattanooga	4,687.6	3,326.1	0.0	0.0	1,169.0	0.0	192.5
U. Tennessee, Health Science Center	41,386.6	41,300.4	0.0	0.0	86.2	0.0	0.0
U. Tennessee, Knoxville	71,343.4	56,454.6	1,910.5	0.0	6,177.6	275.9	6,524.8
U. Tennessee, Martin	24.0	0.0	0.0	0.0	0.0	0.0	24.0
U. Tennessee, system office	4,686.2	4,686.2	0.0	0.0	0.0	0.0	0.0
Vanderbilt U.	450,760.4	422,500.3	0.0	0.0	24,661.7	2,532.1	1,066.3
Texas	2,146,144.9	1,955,672.7	49,661.8	1,000.0	101,455.5	4,217.9	34,137.0
Abilene Christian U.	651.7	0.0	0.0	0.0	651.7	0.0	0.0
Austin C.	322.5	6.4	0.0	0.0	316.0	0.0	0.0
Austin Community C. District	7,698.7	1,600.1	0.0	0.0	6,098.6	0.0	0.0
Baylor C. of Medicine	313,355.2	302,907.9	0.0	0.0	7,630.5	716.8	2,100.0
Baylor U.	8,680.2	7,436.8	0.0	0.0	1,243.4	0.0	0.0
Dallas County Community C. District	298.3	59.7	0.0	0.0	238.6	0.0	0.0
El Paso Community C.	324.0	324.0	0.0	0.0	0.0	0.0	0.0
Hardin-Simmons U.	250.0	250.0	0.0	0.0	0.0	0.0	0.0
Huston-Tillotson U.	120.0	120.0	0.0	0.0	0.0	0.0	0.0
Jarvis Christian C.	400.0	0.0	0.0	0.0	400.0	0.0	0.0
Lamar U.	683.6	361.6	322.0	0.0	0.0	0.0	0.0
Laredo C.	275.0	0.0	0.0	0.0	275.0	0.0	0.0
Midwestern State U.	108.2	108.2	0.0	0.0	0.0	0.0	0.0
Prairie View A&M U.	16,849.2	7,757.0	0.0	0.0	2,732.1	0.0	6,360.1
Rice U.	73,151.6	68,477.9	0.0	0.0	4,673.8	0.0	0.0
Sam Houston State U.	1,474.9	1,440.0	0.0	0.0	34.9	0.0	0.0
San Jacinto Community C. District	454.4	0.0	0.0	0.0	454.4	0.0	0.0
Southern Methodist U.	14,245.9	14,217.3	0.0	0.0	28.6	0.0	0.0
St. Edward's U.	308.8	308.8	0.0	0.0	0.0	0.0	0.0



TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
St. Mary's U., San Antonio	961.3	494.9	0.0	0.0	466.4	0.0	0.0
Stephen F. Austin State U.	651.5	490.6	0.0	0.0	0.0	0.0	160.9
Sul Ross State U.	250.0	25.0	0.0	0.0	212.5	0.0	12.5
Tarleton State U.	119.3	119.3	0.0	0.0	0.0	0.0	0.0
Texas A&M International U.	536.6	307.8	0.0	0.0	0.0	0.0	228.8
Texas A&M U., College Station	258,470.8	238,487.5	526.3	1,000.0	9,102.6	0.0	9,354.4
Texas A&M U., system office	38,099.2	31,710.8	0.0	0.0	4,844.5	0.0	1,543.9
Texas A&M U.-Commerce	708.3	708.3	0.0	0.0	0.0	0.0	0.0
Texas A&M U.-Corpus Christi	8,739.8	6,208.5	0.0	0.0	2,531.4	0.0	0.0
Texas A&M U.-Kingsville	6,898.1	4,690.0	0.0	0.0	1,578.7	365.0	264.5
Texas Christian U.	4,227.0	4,107.0	0.0	0.0	120.0	0.0	0.0
Texas Lutheran U.	1,287.3	294.4	0.0	0.0	992.9	0.0	0.0
Texas Southern U.	2,522.9	1,772.0	0.0	0.0	751.0	0.0	0.0
Texas State Technical C., Waco	228.0	45.6	0.0	0.0	182.4	0.0	0.0
Texas State U.	8,473.1	7,533.0	255.1	0.0	494.8	0.0	190.2
Texas Tech U.	33,007.1	29,264.3	146.6	0.0	3,389.5	0.0	206.7
Texas Tech U., Health Sciences Center, El Paso	1,266.8	1,266.8	0.0	0.0	0.0	0.0	0.0
Texas Tech U. System Administration	1,700.7	1,270.2	0.0	0.0	347.5	0.0	83.0
Texas Woman's U.	2,166.4	335.8	0.0	0.0	1,830.6	0.0	0.0
Trinity U.	576.6	576.6	0.0	0.0	0.0	0.0	0.0
U. Houston	31,578.9	31,218.3	0.0	0.0	360.7	0.0	0.0
U. Houston system administration	23,388.6	19,401.0	0.0	0.0	3,577.1	0.0	410.5
U. Houston-Clear Lake	2,499.9	2,299.9	0.0	0.0	200.0	0.0	0.0
U. Houston-Downtown	352.8	18.9	86.0	0.0	0.0	0.0	247.9
U. North Texas, Denton	42,252.8	39,533.1	0.0	0.0	719.7	2,000.0	0.0
U. of the Incarnate Word	2,019.9	697.0	0.0	0.0	1,322.9	0.0	0.0
U. Texas Health Science Center, Houston	122,208.1	117,411.2	0.0	0.0	4,796.9	0.0	0.0
U. Texas Health Science Center, San Antonio	96,418.5	89,927.7	0.0	0.0	6,490.8	0.0	0.0
U. Texas Health Science Center, Tyler	1,963.1	1,963.1	0.0	0.0	0.0	0.0	0.0
U. Texas M. D. Anderson Cancer Center	169,602.3	167,321.5	0.0	0.0	2,280.8	0.0	0.0
U. Texas Medical Branch at Galveston	109,705.9	107,152.1	0.0	0.0	2,553.8	0.0	0.0
U. Texas of the Permian Basin	689.7	644.7	0.0	0.0	37.5	0.0	7.5
U. Texas Rio Grande Valley	10,801.8	9,870.7	0.0	0.0	657.2	100.0	174.0
U. Texas Southwestern Medical Center	224,545.7	220,177.1	0.0	0.0	3,781.7	586.9	0.0
U. Texas, Arlington	29,103.3	19,017.2	0.0	0.0	694.7	449.1	8,942.2
U. Texas, Austin	361,860.3	301,580.6	47,641.7	0.0	10,454.4	0.0	2,183.6
U. Texas, Dallas	48,253.2	44,186.1	275.0	0.0	3,569.3	0.0	222.8
U. Texas, El Paso	27,678.1	20,828.4	131.3	0.0	5,741.6	0.0	976.8

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
U. Texas, San Antonio	23,578.7	21,728.4	277.8	0.0	1,105.5	0.0	467.0
U. Texas, system administration	1,262.4	1,262.4	0.0	0.0	0.0	0.0	0.0
U. Texas, Tyler	4,380.6	4,132.0	0.0	0.0	248.6	0.0	0.0
Weatherford C.	299.9	60.0	0.0	0.0	239.9	0.0	0.0
West Texas A&M U.	1,156.9	156.9	0.0	0.0	1,000.0	0.0	0.0
Utah	546,005.3	524,417.8	0.0	0.0	16,672.5	2,000.0	2,914.9
Brigham Young U., Provo	15,858.3	13,841.7	0.0	0.0	1,740.8	0.0	275.7
Dixie State U.	24.3	23.8	0.0	0.0	0.5	0.0	0.0
U. Utah	392,864.7	375,993.6	0.0	0.0	14,306.8	2,000.0	564.3
Utah State U.	136,859.3	134,159.9	0.0	0.0	624.4	0.0	2,074.9
Utah System of Higher Education	96.4	96.4	0.0	0.0	0.0	0.0	0.0
Utah Valley U.	129.3	129.3	0.0	0.0	0.0	0.0	0.0
Weber State U.	173.1	173.1	0.0	0.0	0.0	0.0	0.0
Vermont	92,230.1	81,051.0	847.1	0.0	4,656.0	1,007.0	4,669.0
Middlebury C.	2,098.6	1,995.3	103.3	0.0	0.0	0.0	0.0
Norwich U.	6,417.3	6,417.3	0.0	0.0	0.0	0.0	0.0
Saint Michael's C.	13.0	13.0	0.0	0.0	0.0	0.0	0.0
U. Vermont	81,632.8	71,125.8	743.8	0.0	4,656.0	1,007.0	4,100.2
Vermont Law School	1,499.7	1,499.7	0.0	0.0	0.0	0.0	0.0
Vermont Technical C.	568.8	0.0	0.0	0.0	0.0	0.0	568.8
Virginia	641,633.7	588,940.2	2,834.1	0.0	35,447.0	2,718.7	11,693.7
American Indian Higher Education Consortium	465.6	465.6	0.0	0.0	0.0	0.0	0.0
Christopher Newport U.	421.6	421.6	0.0	0.0	0.0	0.0	0.0
Eastern Mennonite U.	463.0	313.7	0.0	0.0	149.4	0.0	0.0
Eastern Virginia Medical School	5,616.8	5,616.8	0.0	0.0	0.0	0.0	0.0
Edward Via C. of Osteopathic Medicine	164.8	164.8	0.0	0.0	0.0	0.0	0.0
George Mason U.	74,032.4	70,644.9	0.0	0.0	3,172.4	0.0	215.1
Hampden-Sydney C.	48.8	44.9	0.0	0.0	3.9	0.0	0.0
Hampton U.	8,382.8	6,385.4	0.0	0.0	1,876.7	0.0	120.7
James Madison U.	1,944.8	1,807.9	0.0	0.0	0.0	0.0	136.9
Longwood U.	1,351.7	1,303.7	0.0	0.0	48.0	0.0	0.0
Marymount U.	521.9	136.5	0.0	0.0	385.4	0.0	0.0
National Consortium for Graduate Degrees for Minorities in Engineering and Science	4,156.3	4,156.3	0.0	0.0	0.0	0.0	0.0
Norfolk State U.	5,841.6	4,149.0	24.0	0.0	1,668.6	0.0	0.0
Old Dominion U.	16,968.1	14,872.3	0.0	0.0	1,879.7	0.0	216.2
Radford U.	128.8	128.8	0.0	0.0	0.0	0.0	0.0
Randolph-Macon C.	1,438.3	79.9	196.3	0.0	1,162.2	0.0	0.0
Roanoke C.	2.8	2.8	0.0	0.0	0.0	0.0	0.0
U. Lynchburg	1,221.5	24.4	0.0	0.0	1,197.1	0.0	0.0
U. Richmond	1,426.4	1,415.6	0.0	0.0	10.8	0.0	0.0
U. Virginia	224,555.0	207,614.7	2,582.8	0.0	9,756.3	2,600.0	2,001.2

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Virginia Commonwealth U.	113,092.3	105,440.5	0.0	0.0	7,651.8	0.0	0.0
Virginia Community C., system office	2,232.2	55.4	0.0	0.0	295.6	0.0	1,881.2
Virginia Polytechnic Institute and State U.	152,534.5	142,291.3	31.0	0.0	4,428.9	0.0	5,783.3
Virginia State U.	10,492.4	8,502.9	0.0	0.0	974.5	0.0	1,014.9
Virginia Union U.	836.3	349.1	0.0	0.0	487.2	0.0	0.0
Washington and Lee U.	114.6	114.6	0.0	0.0	0.0	0.0	0.0
William and Mary	13,178.4	12,437.0	0.0	0.0	298.6	118.7	324.1
Washington	1,021,099.3	827,974.4	1,565.4	0.0	176,420.1	195.7	14,943.6
Bellevue C.	1,970.0	394.0	0.0	0.0	1,576.0	0.0	0.0
Big Bend Community C.	299.8	60.0	0.0	0.0	239.8	0.0	0.0
Central Washington U.	914.8	734.1	0.0	0.0	0.0	0.0	180.7
Columbia Basin C.	539.7	58.0	0.0	0.0	481.7	0.0	0.0
Community Colleges of Spokane, Spokane Falls Community C.	211.0	42.2	0.0	0.0	168.8	0.0	0.0
Eastern Washington U.	419.3	419.3	0.0	0.0	0.0	0.0	0.0
Edmonds Community C.	190.1	38.0	0.0	0.0	152.1	0.0	0.0
Everett Community C.	412.0	82.4	0.0	0.0	329.6	0.0	0.0
Evergreen State C.	24.9	24.9	0.0	0.0	0.0	0.0	0.0
Gonzaga U.	267.0	0.0	267.0	0.0	0.0	0.0	0.0
Green River C.	357.5	0.0	0.0	0.0	357.5	0.0	0.0
Heritage U.	2,608.8	2,408.8	0.0	0.0	200.0	0.0	0.0
Highline C.	70.0	64.4	0.0	0.0	5.6	0.0	0.0
Lake Washington Institute of Technology	66.9	13.4	0.0	0.0	53.5	0.0	0.0
Northwest Indian C.	2,146.5	1,728.2	0.0	0.0	236.2	0.0	182.2
Pacific Lutheran U.	650.0	0.0	0.0	0.0	650.0	0.0	0.0
Seattle Colleges	598.0	119.6	0.0	0.0	478.4	0.0	0.0
Seattle Pacific U.	1,094.5	1,006.9	0.0	0.0	87.6	0.0	0.0
Seattle U.	215.8	165.8	0.0	0.0	50.0	0.0	0.0
Skagit Valley C.	648.1	0.0	0.0	0.0	648.1	0.0	0.0
U. Puget Sound	828.7	828.7	0.0	0.0	0.0	0.0	0.0
U. Washington	899,369.4	726,633.8	686.5	0.0	167,044.5	195.7	4,808.9
Washington State U.	102,084.6	89,872.9	112.0	0.0	2,327.7	0.0	9,771.9
Western Washington U.	3,378.8	2,578.4	499.9	0.0	300.5	0.0	0.0
Whatcom Community C.	1,290.6	258.1	0.0	0.0	1,032.4	0.0	0.0
Whitman C.	288.6	288.6	0.0	0.0	0.0	0.0	0.0
Whitworth U.	154.0	154.0	0.0	0.0	0.0	0.0	0.0
West Virginia	68,634.2	60,649.8	0.0	0.0	5,881.0	0.0	2,103.4
Concord U.	149.4	149.4	0.0	0.0	0.0	0.0	0.0
Fairmont State U.	283.9	283.9	0.0	0.0	0.0	0.0	0.0
Marshall U.	10,334.5	10,334.5	0.0	0.0	0.0	0.0	0.0
U. Charleston	665.4	17.0	0.0	0.0	648.4	0.0	0.0
West Liberty U.	418.8	418.8	0.0	0.0	0.0	0.0	0.0
West Virginia School of Osteopathic Medicine	650.0	0.0	0.0	0.0	650.0	0.0	0.0
West Virginia State U.	3,651.2	2,619.4	0.0	0.0	403.8	0.0	628.0

TABLE 12

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(Dollars in thousands)

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West Virginia U.	52,211.0	46,556.8	0.0	0.0	4,178.8	0.0	1,475.4
Wheeling Jesuit U.	270.0	270.0	0.0	0.0	0.0	0.0	0.0
Wisconsin	698,206.5	631,565.7	11,445.9	103.3	41,305.3	4,167.8	9,618.6
C. of Menominee Nation	1,401.2	593.9	0.0	0.0	757.8	0.0	49.6
Carthage C.	538.9	270.6	0.0	0.0	268.3	0.0	0.0
Chippewa Valley Technical C.	1,691.4	338.3	0.0	0.0	1,353.1	0.0	0.0
Concordia U., Wisconsin	50.0	50.0	0.0	0.0	0.0	0.0	0.0
Fox Valley Technical C.	6,200.0	0.0	0.0	0.0	6,200.0	0.0	0.0
Gateway Technical C.	300.0	60.0	0.0	0.0	240.0	0.0	0.0
Lac Courte Oreilles Ojibwa C.	223.3	4.9	0.0	0.0	133.5	0.0	84.8
Lawrence U.	368.2	368.2	0.0	0.0	0.0	0.0	0.0
Madison Area Technical C.	588.8	117.8	0.0	0.0	471.0	0.0	0.0
Marquette U.	13,839.9	10,595.3	0.0	0.0	2,215.7	0.0	1,029.0
Medical C. Wisconsin	112,550.1	106,187.1	0.0	0.0	3,001.0	3,361.9	0.0
Milwaukee Area Technical C.	289.5	57.9	0.0	0.0	231.6	0.0	0.0
Milwaukee School of Engineering	314.2	314.2	0.0	0.0	0.0	0.0	0.0
Mount Mary U.	650.0	0.0	0.0	0.0	650.0	0.0	0.0
Ripon C.	334.0	310.2	0.0	0.0	23.8	0.0	0.0
St. Norbert C.	1,228.1	229.3	0.0	0.0	998.8	0.0	0.0
U. Wisconsin Colleges	2,299.7	699.7	0.0	0.0	1,600.0	0.0	0.0
U. Wisconsin, system office	64,489.3	52,588.5	0.0	0.0	3,952.8	0.0	7,948.1
U. Wisconsin-Eau Claire	697.6	245.4	350.0	0.0	102.2	0.0	0.0
U. Wisconsin-Green Bay	587.2	587.2	0.0	0.0	0.0	0.0	0.0
U. Wisconsin-La Crosse	1,055.4	630.7	396.7	0.0	27.9	0.0	0.0
U. Wisconsin-Madison	463,044.3	435,607.6	9,215.4	0.0	17,269.7	805.8	145.8
U. Wisconsin-Milwaukee	22,431.0	19,691.2	1,483.7	0.0	894.8	0.0	361.3
U. Wisconsin-Oshkosh	24.5	24.5	0.0	0.0	0.0	0.0	0.0
U. Wisconsin-Platteville	375.0	375.0	0.0	0.0	0.0	0.0	0.0
U. Wisconsin-River Falls	410.6	125.9	0.0	0.0	284.6	0.0	0.0
U. Wisconsin-Stevens Point	347.9	347.9	0.0	0.0	0.0	0.0	0.0
U. Wisconsin-Superior	203.5	203.5	0.0	0.0	0.0	0.0	0.0
U. Wisconsin-Whitewater	348.2	348.2	0.0	0.0	0.0	0.0	0.0
Western Technical C., La Crosse	103.3	0.0	0.0	103.3	0.0	0.0	0.0
Wisconsin Lutheran C.	628.8	0.0	0.0	0.0	628.8	0.0	0.0
Wisconsin Technical C. System	592.9	592.9	0.0	0.0	0.0	0.0	0.0
Wyoming	45,662.6	33,467.5	10,557.3	0.0	256.1	175.8	1,205.9
U. Wyoming	45,662.6	33,467.5	10,557.3	0.0	256.1	175.8	1,205.9
American Samoa	1,604.9	1,134.2	0.0	0.0	0.0	0.0	470.7
American Samoa Community C.	1,604.9	1,134.2	0.0	0.0	0.0	0.0	470.7
Guam	5,382.6	4,043.8	0.0	0.0	1,007.0	0.0	331.8
U. Guam	5,382.6	4,043.8	0.0	0.0	1,007.0	0.0	331.8
Puerto Rico	94,104.1	70,978.5	12,917.1	0.0	6,868.1	428.4	2,911.9
Ana G. Mendez U. System	1,300.5	69.0	0.0	0.0	1,201.5	0.0	30.0
Carlos Albizu U., San Juan	650.0	0.0	0.0	0.0	650.0	0.0	0.0

TABLE 12

**Federal obligations for science and engineering to universities and colleges, by state, outlying area, institution, and type of activity: FY 2019**

(Dollars in thousands)

State, outlying area, and institution	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Inter American U. Puerto Rico	1,961.5	1,629.3	0.0	0.0	88.8	0.0	243.4
Polytechnic U. Puerto Rico	755.4	151.1	0.0	0.0	604.3	0.0	0.0
Ponce Health Sciences U.	13,857.1	9,375.1	4,414.2	0.0	67.8	0.0	0.0
U. Ana G. Mendez - Carolina Campus	250.0	0.0	0.0	0.0	0.0	0.0	250.0
U. Ana G. Mendez - Cupey Campus	407.0	167.0	0.0	0.0	240.0	0.0	0.0
U. Ana G. Mendez - Gurabo Campus	249.9	0.0	0.0	0.0	0.0	0.0	249.9
U. Central del Caribe	1,697.9	1,697.9	0.0	0.0	0.0	0.0	0.0
U. of Sacred Heart	1,554.3	613.7	0.0	0.0	695.9	0.0	244.8
U. Puerto Rico, Cayey	1,042.2	1,042.2	0.0	0.0	0.0	0.0	0.0
U. Puerto Rico, Humacao	1,126.9	563.8	0.0	0.0	563.1	0.0	0.0
U. Puerto Rico, Mayaguez	7,704.4	6,912.4	17.8	0.0	676.3	0.0	98.0
U. Puerto Rico, Medical Sciences Campus	28,417.5	25,493.4	2,898.5	0.0	25.6	0.0	0.0
U. Puerto Rico, Ponce	1,123.9	624.0	0.0	0.0	0.0	0.0	499.9
U. Puerto Rico, Rio Piedras	15,745.7	8,552.0	5,586.7	0.0	1,178.6	428.4	0.0
U. Puerto Rico, system office	16,260.0	14,087.7	0.0	0.0	876.3	0.0	1,296.1
Trust Territory of the Pacific Islands	3,131.2	2,345.8	0.0	0.0	0.0	0.0	785.4
C. Micronesia-FSM	1,612.3	902.9	0.0	0.0	0.0	0.0	709.4
Northern Marianas C.	1,518.9	1,442.9	0.0	0.0	0.0	0.0	75.9
Virgin Islands	5,520.5	2,750.2	0.0	0.0	2,226.5	0.0	543.8
U. of the Virgin Islands	5,520.5	2,750.2	0.0	0.0	2,226.5	0.0	543.8

S&amp;E = science and engineering.

**Note(s):**

Detail may not add to total because of rounding.

**Source(s):**

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