

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
All states and outlying areas	8,407,206.5	51,125.6	1,642,655.6	113,113.8	3,372.2	46,459.6	12,558.6	5,453,330.4	123,597.0	273,935.3	46,713.9	640,344.5
Alabama	32,406.8	49.6	133.8	0.0	0.0	0.0	0.0	32,148.4	*	0.0	75.0	0.0
HudsonAlpha Institute for Biotechnology	19,423.9	49.6	0.0	0.0	0.0	0.0	0.0	19,299.3	0.0	0.0	75.0	0.0
Huntsville Rehabilitation Foundation Inc.	133.8	0.0	133.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Research Institute	12,849.1	0.0	0.0	0.0	0.0	0.0	0.0	12,849.1	*	0.0	0.0	0.0
Alaska	5,808.2	255.1	500.0	50.0	157.5	0.0	150.0	1,194.7	25.0	3,102.2	73.6	300.0
Alaska Community Action on Toxics	566.6	0.0	0.0	0.0	0.0	0.0	0.0	566.6	0.0	0.0	0.0	0.0
Alaska Fisheries Development Foundation Inc.	230.1	230.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska Native Tribal Health Consortium	84.7	0.0	0.0	0.0	84.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aleutian Pribilof Islands Association Inc.	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	0.0	0.0
Arctic Research Consortium of the United States	2,507.7	25.0	0.0	50.0	0.0	0.0	0.0	0.0	25.0	2,407.7	0.0	0.0
Launch: Alaska	500.0	0.0	500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rural Alaska Community Action Program Inc.	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0
Sealaska Heritage Institute	98.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.5	0.0	0.0
Seward Association for the Advancement of Marine Science	72.8	0.0	0.0	0.0	72.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sitka Conservation Society	73.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.6	0.0
Sitka Sound Science Center Inc.	346.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	346.0	0.0	0.0
Southcentral Foundation	628.1	0.0	0.0	0.0	0.0	0.0	0.0	628.1	0.0	0.0	0.0	0.0
Zender Environmental Health and Research Group	150.0	0.0	0.0	0.0	0.0	0.0	150.0	0.0	0.0	0.0	0.0	0.0
Arizona	38,032.2	0.0	4,703.6	0.0	2.2	0.0	0.0	22,481.8	10,092.1	747.5	5.0	0.0
American Conservation Experience	2.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Archaeology Southwest	309.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309.5	0.0	0.0
Banner Health System	1,458.7	0.0	0.0	0.0	0.0	0.0	0.0	1,458.7	0.0	0.0	0.0	0.0
Carl T. Hayden Medical Research Foundation	117.1	0.0	0.0	0.0	0.0	0.0	0.0	117.1	0.0	0.0	0.0	0.0
Cognitive Engineering Research Institute	300.1	0.0	300.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical Path Institute	11,195.1	0.0	0.0	0.0	0.0	0.0	0.0	11,195.1	0.0	0.0	0.0	0.0
Lowell Observatory	2,659.1	0.0	400.0	0.0	0.0	0.0	0.0	0.0	1,821.1	438.0	0.0	0.0
Malpai Borderlands Group Inc.	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
Phoenix Children's Hospital	2,099.6	0.0	1,425.3	0.0	0.0	0.0	0.0	674.3	0.0	0.0	0.0	0.0
Planetary Science Institute	8,271.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8,271.0	0.0	0.0	0.0
St. Joseph's Hospital and Medical Center, Phoenix	5,111.6	0.0	0.0	0.0	0.0	0.0	0.0	5,111.6	0.0	0.0	0.0	0.0
Translational Genomics Research Institute	6,404.1	0.0	2,578.2	0.0	0.0	0.0	0.0	3,825.9	0.0	0.0	0.0	0.0
Valleywise Health Foundation	99.0	0.0	0.0	0.0	0.0	0.0	0.0	99.0	0.0	0.0	0.0	0.0
Arkansas	14,627.7	0.0	0.0	0.0	0.0	0.0	0.0	6,892.7	0.0	0.0	7,735.0	0.0
Arkansas Children's Hospital	14,627.7	0.0	0.0	0.0	0.0	0.0	0.0	6,892.7	0.0	0.0	7,735.0	0.0

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Electricore Inc.	2,579.0	0.0	0.0	2,579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Essential Access Health	439.9	0.0	0.0	0.0	0.0	0.0	0.0	439.9	0.0	0.0	0.0	0.0
Exploratorium	2,572.3	0.0	0.0	0.0	0.0	0.0	0.0	182.5	0.0	2,389.8	0.0	0.0
Farallon Institute	151.0	151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FlexTech Alliance Inc.	26,505.0	0.0	26,505.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gooru	1,196.9	0.0	1,196.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Huntington Medical Research Institutes	2,010.2	0.0	0.0	0.0	0.0	0.0	0.0	2,010.2	0.0	0.0	0.0	0.0
Hydrous	147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.0	0.0	0.0
Institute for Molecular Medicine	1,116.3	0.0	0.0	0.0	0.0	0.0	0.0	1,116.3	0.0	0.0	0.0	0.0
Institute for Scientific Analysis and Scientific Analysis Corp.	535.4	0.0	0.0	0.0	0.0	0.0	0.0	535.4	0.0	0.0	0.0	0.0
Institute for Wildlife Studies	795.1	0.0	795.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
International AIDS Society USA	750.0	0.0	0.0	0.0	0.0	0.0	0.0	750.0	0.0	0.0	0.0	0.0
International Anesthesia Research Society	350.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0
International Computer Science Institute	1,271.7	0.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	686.7	0.0	0.0
International Society of Service Innovation Professionals	80.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.5	0.0	0.0
J. Craig Venter Institute	10,412.0	0.0	1,406.1	4,198.0	0.0	0.0	0.0	3,943.6	70.0	794.3	0.0	0.0
J. David Gladstone Institutes	45,674.4	0.0	0.0	0.0	0.0	0.0	0.0	45,674.4	0.0	0.0	0.0	0.0
John Wayne Cancer Institute	246.0	0.0	0.0	0.0	0.0	0.0	0.0	246.0	0.0	0.0	0.0	0.0
Jupiter Research Foundation	302.4	0.0	302.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kaiser Permanente	99,252.7	0.0	0.0	0.0	0.0	0.0	0.0	99,252.7	0.0	0.0	0.0	0.0
Kestrel Institute	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
La Jolla Infectious Disease Institute	309.0	0.0	0.0	0.0	0.0	0.0	0.0	309.0	0.0	0.0	0.0	0.0
La Jolla Institute for Allergy and Immunology	44,134.2	0.0	0.0	0.0	0.0	0.0	0.0	44,134.2	0.0	0.0	0.0	0.0
Las Cumbres Observatory Global Telescope Network Inc.	1,374.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,374.2	0.0	0.0
Loma Linda Veterans Association for Research and Education	1,974.6	0.0	1,458.9	0.0	0.0	0.0	0.0	515.7	0.0	0.0	0.0	0.0
Los Angeles Biomedical Research Institute, Harbor-UCLA Medical Center	12,863.0	0.0	0.0	0.0	0.0	0.0	0.0	12,863.0	0.0	0.0	0.0	0.0
Mathematical Sciences Research Institute	355.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	355.2	0.0	0.0
MedTech Innovator	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
Molina Center for Strategic Studies in Energy and the Environment	134.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.9	0.0	0.0
Monterey Bay Aquarium Research Institute	1,762.5	0.0	543.4	0.0	0.0	0.0	0.0	0.0	246.6	972.4	0.0	0.0
National Marine Mammal Foundation	389.2	0.0	389.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural History Museum of Los Angeles County	174.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174.6	0.0	0.0
Northern California Institute for Research and Education	49,962.2	0.0	2,410.8	0.0	0.0	0.0	0.0	47,551.4	0.0	0.0	0.0	0.0
Oak Crest Institute of Science	838.2	0.0	0.0	0.0	0.0	0.0	0.0	838.2	0.0	0.0	0.0	0.0
Olive View-UCLA Education and Research Institute	250.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	0.0	0.0	0.0	0.0

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Open Source Robotics Foundation	2,323.8	0.0	2,161.8	0.0	0.0	0.0	0.0	0.0	162.0	0.0	0.0	0.0
Organic Farming Research Foundation	299.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299.8	0.0
Palo Alto Medical Research Foundation	639.6	0.0	0.0	0.0	0.0	0.0	0.0	639.6	0.0	0.0	0.0	0.0
Palo Alto Veterans Institute for Research	15,165.3	0.0	0.0	0.0	0.0	0.0	0.0	15,165.3	0.0	0.0	0.0	0.0
Phoenix Bioinformatics Corp.	631.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	631.7	0.0	0.0
Point Reyes Bird Observatory	937.3	0.0	330.1	0.0	0.0	0.0	0.0	0.0	0.0	607.2	0.0	0.0
Pollinator Partnership	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0
Proteogenomics Research Institute for Systems Medicine	15,249.1	0.0	7,324.3	0.0	0.0	0.0	0.0	7,924.8	0.0	0.0	0.0	0.0
Public Health Foundation Enterprises Inc.	6,054.3	0.0	0.0	0.0	0.0	0.0	0.0	6,054.3	0.0	0.0	0.0	0.0
Public Health Institute	19,715.6	0.0	0.0	0.0	0.0	0.0	180.0	19,535.6	0.0	0.0	0.0	0.0
Rady Children's Hospital-San Diego	1,040.6	0.0	0.0	0.0	0.0	0.0	0.0	1,040.6	0.0	0.0	0.0	0.0
Rancho Research Institute	663.1	0.0	0.0	0.0	0.0	0.0	0.0	663.1	0.0	0.0	0.0	0.0
Rancho Santa Ana Botanic Garden	149.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149.8	0.0	0.0
RAND Corp.	55,903.2	778.0	2,447.3	0.0	0.0	469.6	0.0	51,498.5	0.0	84.6	0.0	625.3
RASopathies Network USA	33.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0
Salk Institute for Biological Studies	79,275.2	0.0	4,184.6	0.0	0.0	0.0	0.0	74,310.9	0.0	779.7	0.0	0.0
San Diego Biomedical Research Institute	4,581.3	0.0	0.0	0.0	0.0	0.0	0.0	4,581.3	0.0	0.0	0.0	0.0
San Diego Society of Natural History	159.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159.8	0.0	0.0
Sanford Burnham Prebys Medical Discovery Institute	52,160.3	0.0	3,411.0	0.0	0.0	0.0	0.0	48,749.3	0.0	0.0	0.0	0.0
Scintillon Institute	781.7	0.0	0.0	0.0	0.0	0.0	0.0	781.7	0.0	0.0	0.0	0.0
Scripps Health/Scripps Clinic	1,623.9	0.0	119.1	0.0	0.0	0.0	0.0	1,504.8	0.0	0.0	0.0	0.0
Search for Extraterrestrial Intelligence Institute	14,248.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,188.1	60.7	0.0	0.0
Sepsis Alliance Inc.	547.2	0.0	0.0	0.0	0.0	0.0	0.0	547.2	0.0	0.0	0.0	0.0
Sepulveda Research Corp.	962.4	0.0	0.0	0.0	0.0	0.0	0.0	962.4	0.0	0.0	0.0	0.0
Sharp HealthCare	1,193.8	0.0	0.0	0.0	0.0	0.0	0.0	1,193.8	0.0	0.0	0.0	0.0
Sierra Streams Institute	714.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	714.5	0.0	0.0
Smith-Kettlewell Eye Research Institute	4,228.4	0.0	0.0	0.0	0.0	0.0	0.0	4,228.4	0.0	0.0	0.0	0.0
Society for Advancement of Chicanos and Native Americans in Science, Santa Cruz	98.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.8	0.0	0.0
Southern California Institute for Research and Education	1,164.7	0.0	0.0	0.0	0.0	0.0	0.0	1,164.7	0.0	0.0	0.0	0.0
Space Studies Institute	269.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.7	0.0	0.0	0.0
SRI International	177,145.4	0.0	112,885.2	0.0	0.0	3,692.3	0.0	50,202.5	0.0	10,365.4	0.0	0.0
Tech Museum of Innovation	236.5	0.0	0.0	0.0	0.0	0.0	0.0	236.5	0.0	0.0	0.0	0.0
Theiss Research	2,999.6	2,999.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trust for Conservation Innovation	489.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	489.5	0.0
USENIX Association	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	0.0

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Veterans Medical Research Foundation	11,101.2	0.0	3,166.5	0.0	0.0	0.0	0.0	7,934.8	0.0	0.0	0.0	0.0
Vitalant Research Institute	10,359.5	0.0	0.0	0.0	0.0	0.0	0.0	10,359.5	0.0	0.0	0.0	0.0
Youth Radio	697.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	697.7	0.0	0.0
Colorado	61,554.8	0.0	5,034.2	105.0	148.0	2,029.2	0.0	49,029.4	3,311.8	1,558.7	338.5	0.0
American Association of Neuropathologists Inc.	49.0	0.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0	0.0	0.0	0.0
Aspen Center for Physics	475.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	475.0	0.0	0.0
Aspen Global Change Institute	204.3	0.0	0.0	105.0	0.0	0.0	0.0	0.0	0.0	99.3	0.0	0.0
Beet Sugar Development Foundation	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
BSCS Science Learning	1,374.0	0.0	0.0	0.0	0.0	333.3	0.0	258.4	0.0	782.2	0.0	0.0
Catalyst Campus for Technology and Innovation Inc.	500.0	0.0	500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHI Institute for Research and Innovation	1,123.6	0.0	0.0	0.0	0.0	0.0	0.0	1,123.6	0.0	0.0	0.0	0.0
Coalition for the Poudre River Watershed	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
Colorado Cancer Research Program	999.3	0.0	0.0	0.0	0.0	0.0	0.0	999.3	0.0	0.0	0.0	0.0
Colorado Museum of Natural History	250.8	0.0	0.0	0.0	0.0	0.0	0.0	250.8	0.0	0.0	0.0	0.0
Craig Hospital	2,702.6	0.0	0.0	0.0	0.0	0.0	0.0	2,702.6	0.0	0.0	0.0	0.0
Crow Valley Livestock Cooperative Inc.	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0
Denver Health and Hospitals Foundation	140.5	0.0	0.0	0.0	0.0	0.0	0.0	140.5	0.0	0.0	0.0	0.0
Denver Research Institute	90.6	0.0	0.0	0.0	0.0	0.0	0.0	90.6	0.0	0.0	0.0	0.0
Foundation for Earth Science Information Partners	593.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	593.4	0.0	0.0	0.0
Geological Society of America	67.0	0.0	0.0	0.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
International Wilderness Leadership Foundation Inc.	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0
Keystone Symposia on Molecular and Cellular Biology	543.6	0.0	0.0	0.0	0.0	0.0	0.0	543.6	0.0	0.0	0.0	0.0
McREL International	1,695.8	0.0	0.0	0.0	0.0	1,695.8	0.0	0.0	0.0	0.0	0.0	0.0
National Jewish Health	42,527.2	0.0	0.0	0.0	0.0	0.0	0.0	42,527.2	0.0	0.0	0.0	0.0
Prairie Wildlife Research Inc.	80.9	0.0	0.0	0.0	80.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rocky Mountain Biological Laboratory	202.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202.2	0.0	0.0
Rocky Mountain Virology Association Inc.	8.5	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0
Space Science Institute	2,718.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,718.5	0.0	0.0	0.0
Steadman Philippon Research Institute	4,835.4	0.0	4,500.0	0.0	0.0	0.0	0.0	335.4	0.0	0.0	0.0	0.0
Telluride Science Research Center	34.2	0.0	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wildfire Research Center	88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0
Connecticut	29,390.3	12,903.2	4,919.6	0.0	0.0	0.0	0.0	11,500.8	0.0	66.8	0.0	0.0
Connecticut Children's Medical Center	260.1	0.0	0.0	0.0	0.0	0.0	0.0	260.1	0.0	0.0	0.0	0.0
Global Foundation for Ocean Exploration	4,106.8	3,914.4	192.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hartford Hospital	2,365.9	0.0	0.0	0.0	0.0	0.0	0.0	2,365.9	0.0	0.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Haskins Laboratories Inc.	2,557.8	0.0	0.0	0.0	0.0	0.0	0.0	2,541.0	0.0	16.8	0.0	0.0
Institute for Community Research Inc.	822.4	0.0	0.0	0.0	0.0	0.0	0.0	822.4	0.0	0.0	0.0	0.0
John B. Pierce Laboratory Inc.	6,775.4	0.0	4,000.0	0.0	0.0	0.0	0.0	2,775.4	0.0	0.0	0.0	0.0
Laborers' International Union of North America Education and Training Fund	2,736.0	0.0	0.0	0.0	0.0	0.0	0.0	2,736.0	0.0	0.0	0.0	0.0
Ocean Exploration Trust Inc.	9,604.7	8,988.7	616.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sea Research Foundation Inc.	161.2	0.0	111.2	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
Delaware	2,299.2	0.0	0.0	0.0	0.0	0.0	0.0	1,577.9	0.0	721.3	0.0	0.0
Christiana Care Health Services	1,577.9	0.0	0.0	0.0	0.0	0.0	0.0	1,577.9	0.0	0.0	0.0	0.0
Scientific Committee on Oceanic Research	721.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	721.3	0.0	0.0
District of Columbia	838,210.7	513.4	35,084.7	6,640.8	63.3	17,605.7	3,208.1	101,310.2	9,084.2	53,050.1	1,643.8	610,006.6
AcademyHealth	99.7	0.0	0.0	0.0	0.0	0.0	0.0	99.7	0.0	0.0	0.0	0.0
Albert B. Sabin Vaccine Institute	20,545.8	0.0	0.0	0.0	0.0	0.0	0.0	20,545.8	0.0	0.0	0.0	0.0
American Academy of Child and Adolescent Psychiatry	1,329.0	0.0	0.0	0.0	0.0	0.0	0.0	1,329.0	0.0	0.0	0.0	0.0
American Association for the Advancement of Science	4,680.9	0.0	0.0	42.0	0.0	0.0	688.2	45.5	283.4	3,621.8	0.0	0.0
American Association of Community Colleges	260.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260.3	0.0	0.0
American Association of State Highway and Transportation Officials	855.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	855.1
American Astronomical Society	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0
American C. of Obstetricians and Gynecologists	6,000.0	0.0	0.0	0.0	0.0	0.0	0.0	6,000.0	0.0	0.0	0.0	0.0
American C. of Preventive Medicine Inc.	109.5	0.0	0.0	0.0	0.0	0.0	0.0	109.5	0.0	0.0	0.0	0.0
American Chemical Society	1,517.5	0.0	0.0	38.1	0.0	0.0	0.0	0.0	9.7	1,469.7	0.0	0.0
American Educational Research Association	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0	0.0
American Forest Foundation	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
American Geophysical Union	258.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	257.5	0.5	0.0
American Institutes for Research	21,540.6	0.0	0.0	0.0	0.0	17,322.1	0.0	1,648.4	0.0	2,370.1	0.0	200.0
American Psychiatric Association Foundation	25.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
American Psychological Association	128.5	0.0	0.0	0.0	0.0	0.0	0.0	128.5	0.0	0.0	0.0	0.0
American Public Health Association	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
American Society for Bone and Mineral Research	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0
American Society for Engineering Education	9,585.4	0.0	7,324.5	0.0	0.0	0.0	0.0	0.0	0.0	2,260.9	0.0	0.0
American Society for Microbiology	1,956.1	0.0	0.0	0.0	0.0	0.0	0.0	1,956.1	0.0	0.0	0.0	0.0
American Society of Hematology	20.2	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	0.0
American Society of Nephrology	300.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0
American Wind Energy Association	1,060.1	0.0	0.0	1,060.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Associated Universities Inc.	1,379.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,379.2	0.0	0.0
Association for Women in Science	429.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	429.6	0.0	0.0

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(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Institute for Clinical Research	275.0	0.0	0.0	0.0	0.0	0.0	0.0	275.0	0.0	0.0	0.0	0.0
Institute of Transportation Engineers	2,623.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,623.9
Intelligent Transportation Society of America	1,054.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,054.0
International Association of Fire Fighters	731.2	0.0	0.0	0.0	0.0	0.0	0.0	731.2	0.0	0.0	0.0	0.0
International Brotherhood of Teamsters	2,077.2	0.0	0.0	0.0	0.0	0.0	0.0	2,077.2	0.0	0.0	0.0	0.0
International City/County Management Association	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
International Life Sciences Institute	500.0	0.0	0.0	0.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0	0.0
Internet Keep Safe Coalition	148.6	148.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leapfrog Group	48.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0
Linguistic Society of America	66.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.8	0.0	0.0
Mathematical Association of America	391.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	391.9	0.0	0.0
Metrolab Network Inc.	495.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	495.7	0.0	0.0
National Academy of Public Administration	1,393.7	0.0	0.0	1,393.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Academy of Sciences	67,712.8	64.1	20,887.4	1,602.1	63.3	0.0	44.4	3,002.9	6,391.3	12,066.3	194.7	23,396.5
National Alliance for Hispanic Health	989.4	0.0	0.0	0.0	0.0	0.0	0.0	989.4	0.0	0.0	0.0	0.0
National Alliance to Advance Adolescent Health	500.0	0.0	0.0	0.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0	0.0
National Association of Conservation Districts	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0
National Association of County and City Health Officials	800.0	0.0	0.0	0.0	0.0	0.0	0.0	800.0	0.0	0.0	0.0	0.0
National Association of Regulatory Utility Commissioners	70.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Center for Research in Advanced Information and Digital Technologies	744.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	744.9	0.0	0.0
National Committee for Quality Assurance	477.5	0.0	0.0	0.0	0.0	0.0	0.0	477.5	0.0	0.0	0.0	0.0
National Council for Science and the Environment	80.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
National Disability Institute	500.0	0.0	0.0	0.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0	0.0
National Guard Youth Foundation	500.0	0.0	500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Housing Conference Inc.	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
National Institute of Building Sciences	285.4	0.0	0.0	156.4	0.0	0.0	0.0	0.0	42.5	0.0	0.0	86.5
National Institute of Statistical Sciences	312.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	302.9	0.0
Ocean Foundation	173.2	173.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Optical Society of America	83.3	0.0	6.0	19.0	0.0	0.0	0.0	22.5	11.3	24.5	0.0	0.0
Patient-Centered Outcomes Research Institute	578,430.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	578,430.5
Population Reference Bureau	370.1	0.0	0.0	0.0	0.0	0.0	0.0	319.5	0.0	0.0	0.0	50.6
Quality Education for Minorities Network	489.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	489.7	0.0	0.0
Resources for the Future Inc.	1,089.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,089.2	0.0	0.0	0.0
Rural Coalition	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
Society for American Archaeology	114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.5	0.0	0.0

TABLE 32

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Society for Neuroscience	311.3	0.0	0.0	0.0	0.0	0.0	0.0	311.3	0.0	0.0	0.0	0.0
Society for Personality and Social Psychology	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0	0.0
Society for Research in Child Development	118.0	0.0	0.0	0.0	0.0	0.0	0.0	118.0	0.0	0.0	0.0	0.0
Society for Science and the Public	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
Start International	332.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	332.3	0.0	0.0
Strategic Education Research Partnership Institute	184.7	0.0	0.0	0.0	0.0	184.7	0.0	0.0	0.0	0.0	0.0	0.0
Thomas Jefferson Institute for the Study of World Politics	603.4	0.0	603.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truth Initiative	537.5	0.0	0.0	0.0	0.0	0.0	0.0	537.5	0.0	0.0	0.0	0.0
Urban Institute	4,466.7	0.0	0.0	0.0	0.0	0.0	0.0	1,385.3	0.0	0.0	0.0	3,081.4
US Ignite Inc.	7,657.8	0.0	3,989.4	0.0	0.0	0.0	0.0	0.0	0.0	3,668.4	0.0	0.0
Washington Center for Internships and Academic Seminars	1,292.1	0.0	1,254.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	22.7
Florida	92,782.9	1,907.7	24,807.1	0.0	149.1	188.3	0.0	62,949.7	698.2	1,046.5	1,036.3	0.0
AdventHealth Orlando	2,048.6	0.0	0.0	0.0	0.0	0.0	0.0	2,048.6	0.0	0.0	0.0	0.0
American Membrane Technology Association	62.0	0.0	0.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Archbold Expeditions	523.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.1	0.0
Association of Environmental and Resource Economists	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
Blue World Research Institute Inc.	87.1	0.0	0.0	0.0	87.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chlamydia Basic Research Society	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
Defensewerx Inc.	8,806.2	0.0	8,806.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dicapta Foundation Corp.	199.8	0.0	0.0	0.0	0.0	0.0	0.0	199.8	0.0	0.0	0.0	0.0
Environmental Mutagenesis and Genomics Society	18.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
Florida Association of Pediatric Tumor Programs Inc.	826.8	0.0	0.0	0.0	0.0	0.0	0.0	826.8	0.0	0.0	0.0	0.0
Florida Institute for Human and Machine Cognition	3,617.2	0.0	3,114.3	0.0	0.0	0.0	0.0	0.0	502.9	0.0	0.0	0.0
Foundation for Applied Molecular Evolution	1,223.5	0.0	0.0	0.0	0.0	0.0	0.0	1,028.2	195.3	0.0	0.0	0.0
Gulf and Caribbean Fisheries Institute	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H. Lee Moffitt Cancer Center and Research Institute	43,693.0	0.0	8,352.7	0.0	0.0	0.0	0.0	34,891.3	0.0	449.1	0.0	0.0
International Narcotics Research Conference	50.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0
Jaeb Center for Health Research	15,307.6	0.0	0.0	0.0	0.0	0.0	0.0	15,307.6	0.0	0.0	0.0	0.0
Max Planck Florida Corp.	3,905.5	0.0	0.0	0.0	0.0	0.0	0.0	3,905.5	0.0	0.0	0.0	0.0
Mote Marine Laboratory	2,394.3	1,901.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	493.3	0.0	0.0
Nemours Foundation	3,038.1	0.0	0.0	0.0	0.0	188.3	0.0	2,745.8	0.0	104.1	0.0	0.0
Orlando Health Inc.	714.1	0.0	0.0	0.0	0.0	0.0	0.0	714.1	0.0	0.0	0.0	0.0
Orlando Science Center Inc.	249.9	0.0	249.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roskamp Institute	5,127.9	0.0	3,942.8	0.0	0.0	0.0	0.0	1,185.1	0.0	0.0	0.0	0.0
Society of Environmental Toxicology and Chemistry	19.9	0.0	0.0	0.0	0.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0

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American C. of Surgeons	746.6	0.0	0.0	0.0	0.0	0.0	0.0	746.6	0.0	0.0	0.0	0.0
American Dental Association	336.6	0.0	0.0	0.0	0.0	0.0	0.0	336.6	0.0	0.0	0.0	0.0
American Hospital Association Inc.	15.5	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0
American Library Association	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.3	0.0	0.0
American Lung Association	317.5	0.0	0.0	132.5	0.0	0.0	185.0	0.0	0.0	0.0	0.0	0.0
American Nuclear Society	40.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
American Pain Society	45.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0
American Society of Andrology	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
Ann and Robert H. Lurie Children's Hospital of Chicago	16,358.4	0.0	0.0	0.0	0.0	0.0	0.0	16,358.4	0.0	0.0	0.0	0.0
Asian Health Coalition	491.9	0.0	0.0	0.0	0.0	0.0	0.0	491.9	0.0	0.0	0.0	0.0
Association for Chemoreception Sciences	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0
Astronomical Research Institute Inc.	528.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	528.3	0.0	0.0	0.0
Chestnut Health Systems Inc.	4,585.6	0.0	0.0	0.0	0.0	0.0	0.0	4,585.6	0.0	0.0	0.0	0.0
Chicago Association for Research and Education in Science	384.4	0.0	0.0	0.0	0.0	0.0	0.0	384.4	0.0	0.0	0.0	0.0
Chicago Children's Museum	604.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	604.1	0.0	0.0
Chicago Horticultural Society	222.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222.3	0.0	0.0
Chicago House and Social Service Agency	400.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0	0.0	0.0	0.0	0.0
Decatur Memorial Hospital	2,755.9	0.0	0.0	0.0	0.0	0.0	0.0	2,755.9	0.0	0.0	0.0	0.0
Field Museum of Natural History	529.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	529.6	0.0	0.0
Hektoen Institute for Medicine	6,662.7	0.0	0.0	0.0	0.0	0.0	0.0	6,662.7	0.0	0.0	0.0	0.0
IIT Research Institute	907.6	0.0	0.0	0.0	0.0	0.0	0.0	907.6	0.0	0.0	0.0	0.0
Institute of Gas Technology	74.8	0.0	74.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Joint Commission on Accreditation of Healthcare Organization	805.5	0.0	0.0	0.0	0.0	0.0	0.0	805.5	0.0	0.0	0.0	0.0
Lake Michigan Air Directors Consortium	934.7	0.0	0.0	0.0	0.0	0.0	934.7	0.0	0.0	0.0	0.0	0.0
Methodist Medical Center of Illinois	390.0	0.0	0.0	0.0	0.0	0.0	0.0	390.0	0.0	0.0	0.0	0.0
Morton Arboretum	404.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	329.0	75.3	0.0
Museum of Science and Industry, Chicago	697.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	697.7	0.0	0.0
National Association of Boards of Pharmacy	1,593.0	0.0	0.0	0.0	0.0	0.0	0.0	1,593.0	0.0	0.0	0.0	0.0
National Opinion Research Center, Chicago	12,784.2	0.0	0.0	0.0	0.0	687.0	0.0	5,528.8	0.0	6,568.5	0.0	0.0
North American Association of Central Cancer Registries	25.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
NorthShore U. HealthSystem Research Institute	9,529.8	0.0	0.0	0.0	0.0	0.0	0.0	9,529.8	0.0	0.0	0.0	0.0
Rehabilitation Institute of Chicago	11,654.3	0.0	1,283.2	0.0	0.0	0.0	0.0	10,262.8	0.0	108.2	0.0	0.0
Safer Foundation	800.0	0.0	0.0	800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shedd Aquarium Society	372.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	372.2	0.0	0.0
Sleep Research Society Inc.	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Society of Surgical Oncology Inc.	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
Thresholds	974.4	0.0	0.0	0.0	0.0	0.0	0.0	974.4	0.0	0.0	0.0	0.0
UI Labs	16,990.0	0.0	16,990.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vishwamitra Research Institute	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
Indiana	1,489.6	0.0	474.0	0.0	0.0	0.0	0.0	1,000.0	15.6	0.0	0.0	0.0
Affiliated Service Providers of Indiana Inc.	900.0	0.0	0.0	0.0	0.0	0.0	0.0	900.0	0.0	0.0	0.0	0.0
American C. of Sports Medicine	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0	0.0
Purdue Research Foundation	574.0	0.0	474.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
Iowa	25,541.1	0.0	9,000.0	15,305.9	11.9	0.0	0.0	1,117.8	0.0	0.0	105.5	0.0
Agrisafe Network	69.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.6	0.0
Dubuque County Historical Society	11.9	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Goldwater Scholarship	9,000.0	0.0	9,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iowa Oncology Research Association	1,117.8	0.0	0.0	0.0	0.0	0.0	0.0	1,117.8	0.0	0.0	0.0	0.0
Iowa Valley RC&D	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0
Krell Institute	15,305.9	0.0	0.0	15,305.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
World Food Prize Foundation	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
Kansas	221.6	0.0	0.0	0.0	0.0	0.0	0.0	211.6	0.0	0.0	10.0	0.0
American Academy of Family Physicians	114.5	0.0	0.0	0.0	0.0	0.0	0.0	114.5	0.0	0.0	0.0	0.0
North American Primary Care Research Group	97.1	0.0	0.0	0.0	0.0	0.0	0.0	97.1	0.0	0.0	0.0	0.0
Wildlife Disease Association	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
Kentucky	1,505.9	0.0	0.0	715.0	0.0	0.0	155.0	524.1	0.0	0.0	111.7	0.0
Community Farm Alliance	111.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.7	0.0
Conference of Radiation Control Program Directors	1,195.0	0.0	0.0	715.0	0.0	0.0	155.0	325.0	0.0	0.0	0.0	0.0
Lexington Biomedical Research Institute	199.1	0.0	0.0	0.0	0.0	0.0	0.0	199.1	0.0	0.0	0.0	0.0
Louisiana	898.7	0.0	0.0	0.0	49.7	0.0	0.0	849.0	0.0	0.0	0.0	0.0
Children's Hospital New Orleans	276.0	0.0	0.0	0.0	0.0	0.0	0.0	276.0	0.0	0.0	0.0	0.0
New Orleans BioInnovation Center Inc.	86.4	0.0	0.0	0.0	0.0	0.0	0.0	86.4	0.0	0.0	0.0	0.0
Ochsner Clinic Foundation	486.6	0.0	0.0	0.0	0.0	0.0	0.0	486.6	0.0	0.0	0.0	0.0
Water Institute of the Gulf	49.7	0.0	0.0	0.0	49.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maine	109,240.6	1,163.0	1,609.5	0.0	0.0	0.0	78.0	99,722.7	1,139.3	5,528.0	0.0	0.0
Association of State Wetland Managers Inc.	78.0	0.0	0.0	0.0	0.0	0.0	78.0	0.0	0.0	0.0	0.0	0.0
Bigelow Laboratory for Ocean Sciences	3,766.4	521.0	131.7	0.0	0.0	0.0	0.0	0.0	1,139.3	1,974.3	0.0	0.0
Eastern Maine Medical Center	130.0	0.0	0.0	0.0	0.0	0.0	0.0	130.0	0.0	0.0	0.0	0.0
Gulf of Maine Research Institute	2,515.2	642.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,873.2	0.0	0.0
Jackson Laboratory	77,754.6	0.0	851.2	0.0	0.0	0.0	0.0	76,446.8	0.0	456.6	0.0	0.0

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State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Engaged Community Offshoots	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
Enterprise Community Partners Inc.	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0
Federation of American Societies for Experimental Biology	649.3	0.0	0.0	0.0	0.0	0.0	0.0	589.8	0.0	59.5	0.0	0.0
Fraunhofer Center for Experimental Software Engineering	218.7	0.0	189.8	0.0	0.0	0.0	0.0	28.9	0.0	0.0	0.0	0.0
Friends Research Institute Inc.	4,888.9	0.0	0.0	0.0	0.0	0.0	0.0	4,888.9	0.0	0.0	0.0	0.0
Hearing Loss Association of America	36.6	0.0	0.0	0.0	0.0	0.0	0.0	36.6	0.0	0.0	0.0	0.0
Henry M. Jackson Foundation for the Advancement of Military Medicine	367,817.7	0.0	345,251.6	0.0	0.0	0.0	0.0	22,566.1	0.0	0.0	0.0	0.0
Immune Deficiency Foundation	697.7	0.0	0.0	0.0	0.0	0.0	0.0	697.7	0.0	0.0	0.0	0.0
Institute for Advanced Clinical Trials for Children	1,000.0	0.0	0.0	0.0	0.0	0.0	0.0	1,000.0	0.0	0.0	0.0	0.0
Jhpiego Corp.	204.9	0.0	204.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kennedy Krieger Institute	19,701.5	0.0	0.0	0.0	0.0	766.1	0.0	18,935.4	0.0	0.0	0.0	0.0
Lieber Institute Inc.	5,207.4	0.0	0.0	0.0	0.0	0.0	0.0	5,207.4	0.0	0.0	0.0	0.0
Maryland Broadband Cooperative	400.0	0.0	400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medical Technology and Practice Patterns Institute Inc.	434.5	0.0	0.0	0.0	0.0	0.0	0.0	434.5	0.0	0.0	0.0	0.0
MedStar Health Research Institute	7,297.4	0.0	4,116.6	0.0	0.0	0.0	0.0	3,180.8	0.0	0.0	0.0	0.0
Melwood Horticultural Training Center Inc.	205.8	0.0	0.0	200.5	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0
Mid-Atlantic Regional Air Management Association Inc.	686.0	0.0	0.0	0.0	0.0	0.0	686.0	0.0	0.0	0.0	0.0	0.0
National Council on Radiation Protection and Measurements	1,686.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,686.9	0.0	0.0	0.0
National Federation of the Blind Inc.	941.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	941.3	0.0	0.0
National Marine Sanctuary Foundation	250.9	250.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Medical Association	110.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	0.0	0.0	0.0	0.0
National Tuberous Sclerosis Association Inc.	39.9	0.0	0.0	0.0	0.0	0.0	0.0	39.9	0.0	0.0	0.0	0.0
North American Vascular Biology Organization	30.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0
Oceanography Society	131.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.9	60.0	0.0	0.0
Pacific Institute for Research and Evaluation	5,100.5	0.0	0.0	0.0	0.0	0.0	0.0	5,100.5	0.0	0.0	0.0	0.0
Patuxent Partnership Inc.	2,146.2	0.0	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,119.0
Sexual Assault/Spouse Abuse Resource Center Inc.	473.6	0.0	0.0	0.0	0.0	0.0	0.0	473.6	0.0	0.0	0.0	0.0
Society for Developmental Biology	110.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	90.0	0.0	0.0
Society for Muscle Biology	25.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
Success for All Foundation	1,429.2	0.0	0.0	0.0	0.0	1,429.2	0.0	0.0	0.0	0.0	0.0	0.0
Technical Research Institute	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transcen Inc.	222.4	0.0	0.0	0.0	0.0	0.0	0.0	222.4	0.0	0.0	0.0	0.0
U. Research Foundation Inc.	1,822.0	0.0	1,822.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UMBC Research Park Corp. Inc.	2,338.1	0.0	765.7	0.0	1,572.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Universities Space Research Association	43,541.4	64.0	3,318.0	0.0	200.0	0.0	0.0	0.0	39,942.8	16.5	0.0	0.0

TABLE 32

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Massachusetts	1,919,102.6	25,944.2	160,956.4	135.0	17.3	5,579.7	5,666.6	1,673,165.5	2,076.3	40,007.5	804.2	4,750.0
Abt Health Care Research Foundation	993.0	0.0	0.0	0.0	0.0	0.0	0.0	993.0	0.0	0.0	0.0	0.0
Advances in Mineral Metabolism	22.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0
American Meteorological Society	421.2	0.0	122.9	0.0	0.0	0.0	0.0	0.0	167.5	130.8	0.0	0.0
American Physician Scientists Association Inc.	24.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0
Baim Institute for Clinical Research Inc.	710.5	0.0	0.0	0.0	0.0	0.0	0.0	710.5	0.0	0.0	0.0	0.0
Baystate Medical Center	7,716.9	0.0	0.0	0.0	0.0	0.0	0.0	7,716.9	0.0	0.0	0.0	0.0
Beth Israel Deaconess Medical Center, Boston	130,347.9	0.0	1,485.6	0.0	0.0	0.0	0.0	128,862.3	0.0	0.0	0.0	0.0
Boston Medical Center	59,676.3	0.0	0.0	0.0	0.0	0.0	0.0	59,169.0	0.0	0.0	507.3	0.0
Boston VA Research Institute Inc.	931.7	0.0	659.3	0.0	0.0	0.0	0.0	272.4	0.0	0.0	0.0	0.0
Brigham and Women's Hospital	342,920.2	0.0	16,173.1	0.0	0.0	0.0	0.0	323,784.2	572.8	450.0	0.0	1,940.1
Broad Institute	143,299.3	0.0	2,535.2	0.0	0.0	0.0	0.0	140,564.2	200.0	0.0	0.0	0.0
CACHE Corp.	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0	0.0
Cambridge Climate Institute Inc.	365.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	365.7	0.0	0.0	0.0
Cambridge Health Alliance Foundation	1,570.2	0.0	0.0	0.0	0.0	0.0	0.0	1,570.2	0.0	0.0	0.0	0.0
Cape Cod Commercial Fishermen's Alliance	87.0	0.0	87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cape Cod Institute for Science and Engineering Inc.	154.8	0.0	154.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Center for Applied Special Technology	2,140.4	0.0	0.0	0.0	0.0	2,140.4	0.0	0.0	0.0	0.0	0.0	0.0
Children's Hospital Corp.	210,514.4	0.0	21,716.0	0.0	0.0	0.0	0.0	188,363.4	0.0	435.0	0.0	0.0
Children's Museum	342.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	342.9	0.0	0.0
Cohen Veterans Bioscience	319.1	0.0	197.3	0.0	0.0	0.0	0.0	121.8	0.0	0.0	0.0	0.0
Collaborative for Educational Services	46.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.9	0.0
Connecticut River Watershed Council Inc.	17.3	0.0	0.0	0.0	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Council of Juvenile Justice Administrators	450.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	450.0
Dana-Farber Cancer Institute	166,231.8	0.0	10,968.1	0.0	0.0	0.0	0.0	155,126.6	0.0	137.1	0.0	0.0
Day Before Birth Inc.	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0
Draper Laboratory	71,220.5	0.0	71,004.7	0.0	0.0	0.0	0.0	0.0	105.6	0.0	0.0	110.2
Education Development Center	15,789.9	0.0	0.0	0.0	0.0	2,590.3	0.0	0.0	0.0	13,199.6	0.0	0.0
Forsyth Dental Institute for Children	7,561.4	0.0	0.0	0.0	0.0	0.0	0.0	7,561.4	0.0	0.0	0.0	0.0
Fraunhofer Center for Manufacturing Innovation	348.2	0.0	348.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gloucester Marine Genomics Institute Inc.	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0	0.0
Harvard Pilgrim Health Care Inc.	13,050.7	0.0	0.0	0.0	0.0	0.0	0.0	13,050.7	0.0	0.0	0.0	0.0
Health Care for All Inc.	335.0	0.0	335.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Health Effects Institute	4,701.2	0.0	0.0	0.0	0.0	0.0	4,701.2	0.0	0.0	0.0	0.0	0.0
Health Resources in Action Inc.	247.3	0.0	0.0	0.0	0.0	0.0	0.0	247.3	0.0	0.0	0.0	0.0

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Hebrew Rehabilitation Center	13,621.2	0.0	0.0	0.0	0.0	0.0	0.0	13,621.2	0.0	0.0	0.0	0.0
Institute for Human Centered Design	200.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	0.0
Joslin Diabetes Center	12,795.8	0.0	0.0	0.0	0.0	0.0	0.0	12,795.8	0.0	0.0	0.0	0.0
Lahey Clinic Foundation	77.5	0.0	0.0	0.0	0.0	0.0	0.0	77.5	0.0	0.0	0.0	0.0
Marine Biological Laboratory	8,692.7	0.0	1,275.8	135.0	0.0	0.0	0.0	4,547.1	0.0	2,734.8	0.0	0.0
Massachusetts Eye and Ear Infirmary	27,355.0	0.0	1,481.4	0.0	0.0	0.0	0.0	25,873.7	0.0	0.0	0.0	0.0
Massachusetts General Hospital	515,858.6	0.0	28,289.3	0.0	0.0	0.0	0.0	487,202.0	0.0	367.4	0.0	0.0
Mathematical Staircase Inc.	56.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6	0.0	0.0
McLean Hospital Corp.	51,924.5	0.0	0.0	0.0	0.0	0.0	0.0	51,924.5	0.0	0.0	0.0	0.0
MITRE Corp.	25,944.2	25,944.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Museum of Science, Boston	584.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	584.1	0.0	0.0
Nantucket Maria Mitchell Association Inc.	169.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169.7	0.0	0.0
National Bureau of Economic Research Inc.	20,928.3	0.0	0.0	0.0	0.0	480.8	0.0	9,182.6	0.0	9,015.3	0.0	2,249.7
Northeast States for Coordinated Air Use Management	965.5	0.0	0.0	0.0	0.0	0.0	965.5	0.0	0.0	0.0	0.0	0.0
PDF Association Inc.	351.7	0.0	351.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Progeria Research Foundation Inc.	243.2	0.0	0.0	0.0	0.0	0.0	0.0	243.2	0.0	0.0	0.0	0.0
Schepens Eye Research Institute	13,317.9	0.0	1,656.3	0.0	0.0	0.0	0.0	11,661.6	0.0	0.0	0.0	0.0
Sea Education Association Inc.	127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.0	0.0	0.0
Silent Spring Institute	826.5	0.0	0.0	0.0	0.0	0.0	0.0	826.5	0.0	0.0	0.0	0.0
Society for Marine Mammalogy	30.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spaulding Rehabilitation Hospital	3,471.4	0.0	0.0	0.0	0.0	0.0	0.0	3,471.4	0.0	0.0	0.0	0.0
Technical Education Research Centers	6,372.1	0.0	0.0	0.0	0.0	368.3	0.0	0.0	0.0	6,003.9	0.0	0.0
Tufts Medical Center	18,210.8	0.0	2,084.6	0.0	0.0	0.0	0.0	16,126.2	0.0	0.0	0.0	0.0
WGBH Educational Foundation	2,283.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,283.7	0.0	0.0
Whitehead Institute for Biomedical Research	7,212.4	0.0	0.0	0.0	0.0	0.0	0.0	7,212.4	0.0	0.0	0.0	0.0
Woods Hole Research Center	4,608.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	664.7	3,943.8	0.0	0.0
Michigan	237,882.7	391.6	178,479.9	600.0	0.0	0.0	0.0	54,056.6	0.0	4,284.6	70.0	0.0
Altarum Institute	352.3	0.0	352.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American Aging Association Inc.	47.3	0.0	0.0	0.0	0.0	0.0	0.0	47.3	0.0	0.0	0.0	0.0
American Lightweight Materials Manufacturing Innovation Institute	4,999.4	0.0	4,999.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arbor Research Collaborative for Health	1,199.4	0.0	0.0	0.0	0.0	0.0	0.0	1,199.4	0.0	0.0	0.0	0.0
Great Lakes Observing System Regional Association	391.6	391.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Henry Ford Health System	35,426.6	0.0	3,172.6	0.0	0.0	0.0	0.0	32,254.1	0.0	0.0	0.0	0.0
International Union, United Automobile, Aerospace and Agricultural Implement Workers of America	900.0	0.0	0.0	0.0	0.0	0.0	0.0	900.0	0.0	0.0	0.0	0.0
Internet2	3,031.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,031.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Missouri Botanical Garden Board of Trustees	679.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	554.8	124.9	0.0
MRIGlobal	6,454.8	0.0	0.0	0.0	0.0	0.0	0.0	6,454.8	0.0	0.0	0.0	0.0
National Corn Growers Association	75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0
Stowers Institute for Medical Research	4,221.5	0.0	0.0	0.0	0.0	0.0	0.0	4,221.5	0.0	0.0	0.0	0.0
Montana	4,413.1	0.0	0.0	0.0	40.0	0.0	0.0	1,545.1	24.0	0.0	2,804.0	0.0
Blackfoot Challenge Inc.	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
Hopa Mountain Inc.	267.8	0.0	0.0	0.0	0.0	0.0	0.0	267.8	0.0	0.0	0.0	0.0
McLaughlin Research Institute for Biomedical Sciences	405.0	0.0	0.0	0.0	0.0	0.0	0.0	405.0	0.0	0.0	0.0	0.0
Montana Cancer Consortium	872.3	0.0	0.0	0.0	0.0	0.0	0.0	872.3	0.0	0.0	0.0	0.0
National Center for Appropriate Technology	2,800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,800.0	0.0
Polar Bears International	40.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Radiation Research Society	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0
Nebraska	18,953.6	0.0	0.0	0.0	0.0	0.0	0.0	7,563.6	0.0	0.0	11,390.0	0.0
CHN Nebraska	11,390.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11,390.0	0.0
Father Flanagan's Boys' Home	7,563.6	0.0	0.0	0.0	0.0	0.0	0.0	7,563.6	0.0	0.0	0.0	0.0
Nevada	3,664.2	0.0	0.0	0.0	0.0	0.0	0.0	977.7	0.0	0.0	0.0	2,686.5
National Council of Juvenile and Family Court Judges	2,686.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,686.5
Nevada Cancer Research Foundation Inc.	977.7	0.0	0.0	0.0	0.0	0.0	0.0	977.7	0.0	0.0	0.0	0.0
New Hampshire	7,623.6	166.0	0.0	0.0	0.0	0.0	0.0	7,457.6	0.0	0.0	0.0	0.0
Dartmouth-Hitchcock Clinic	7,457.6	0.0	0.0	0.0	0.0	0.0	0.0	7,457.6	0.0	0.0	0.0	0.0
Northeastern Regional Association of Coastal Ocean Observing Systems	166.0	166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey	36,155.1	0.0	2,899.7	2.2	0.0	2,312.8	0.0	30,559.5	51.3	329.6	0.0	0.0
Atlantic Health System Inc.	1,134.8	0.0	0.0	0.0	0.0	0.0	0.0	1,134.8	0.0	0.0	0.0	0.0
Central Caribbean Marine Institute Inc.	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
Christopher Reeve Foundation	2,640.4	0.0	2,640.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coriell Institute for Medical Research	7,234.0	0.0	0.0	0.0	0.0	0.0	0.0	7,234.0	0.0	0.0	0.0	0.0
Educational Testing Service	2,612.4	0.0	0.0	0.0	0.0	2,312.8	0.0	0.0	0.0	299.6	0.0	0.0
Electrochemical Society	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMH Hospitals Corp.	18,584.8	0.0	0.0	0.0	0.0	0.0	0.0	18,584.8	0.0	0.0	0.0	0.0
Institute for Electrical and Electronic Engineers	262.8	0.0	209.3	2.2	0.0	0.0	0.0	0.0	51.3	0.0	0.0	0.0
JFK Health System Inc.	437.5	0.0	0.0	0.0	0.0	0.0	0.0	437.5	0.0	0.0	0.0	0.0
Kessler Foundation	3,153.5	0.0	0.0	0.0	0.0	0.0	0.0	3,153.5	0.0	0.0	0.0	0.0
Society for Cardiovascular Magnetic Resonance	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
New Mexico	14,810.0	0.0	830.8	599.2	0.0	0.0	0.0	10,998.0	0.0	1,413.4	968.6	0.0
Albuquerque Area Indian Health Board	173.1	0.0	0.0	0.0	0.0	0.0	0.0	173.1	0.0	0.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Fedcap Rehabilitation Services Inc.	60.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.4
Feinstein Institute for Medical Research	20,060.3	0.0	525.0	0.0	0.0	0.0	0.0	19,535.3	0.0	0.0	0.0	0.0
Foundation for AIDS Research	2,253.8	0.0	0.0	0.0	0.0	0.0	0.0	2,253.8	0.0	0.0	0.0	0.0
Foundation for Worker, Veteran, and Environmental Health	55.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	0.0
Global Alliance for TB Drug Development Inc.	5,485.5	0.0	0.0	0.0	0.0	0.0	0.0	5,485.5	0.0	0.0	0.0	0.0
Global Kids Inc.	198.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	198.4	0.0	0.0
Glynwood Center Inc.	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0
Griffiss Institute Inc.	1,455.4	0.0	1,455.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guttmacher Institute Inc.	948.5	0.0	0.0	0.0	0.0	0.0	0.0	948.5	0.0	0.0	0.0	0.0
Hastings Center Inc.	755.0	0.0	0.0	0.0	0.0	0.0	0.0	755.0	0.0	0.0	0.0	0.0
Hauptman-Woodward Medical Research Institute	482.4	0.0	0.0	0.0	0.0	0.0	0.0	482.4	0.0	0.0	0.0	0.0
Health Research Inc.	41,435.9	0.0	6,961.9	0.0	0.0	0.0	0.0	34,317.4	0.0	156.6	0.0	0.0
Hebrew Home for the Aged at Riverdale Foundation Inc.	754.7	0.0	0.0	0.0	0.0	0.0	0.0	754.7	0.0	0.0	0.0	0.0
Hospital for Special Surgery	8,840.1	0.0	0.0	0.0	0.0	0.0	0.0	8,840.1	0.0	0.0	0.0	0.0
Institute of International Education Inc.	10,466.9	0.0	10,366.5	0.0	0.0	100.3	0.0	0.0	0.0	0.0	0.0	0.0
International AIDS Vaccine Initiative	9,859.8	0.0	0.0	0.0	0.0	0.0	0.0	9,859.8	0.0	0.0	0.0	0.0
International Rescue Committee	73.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.8	0.0
Ludwig Institute for Cancer Research	6,381.5	0.0	648.8	0.0	0.0	0.0	0.0	5,732.7	0.0	0.0	0.0	0.0
Manpower Demonstration Research Corp.	4,884.9	0.0	0.0	0.0	0.0	2,946.3	0.0	398.6	0.0	0.0	0.0	1,540.1
Mary Imogene Bassett Hospital	2,100.3	0.0	0.0	0.0	0.0	0.0	0.0	2,100.3	0.0	0.0	0.0	0.0
Masonic Medical Research Laboratory	1,560.6	0.0	0.0	0.0	0.0	0.0	0.0	1,560.6	0.0	0.0	0.0	0.0
Memorial Sloan Kettering Cancer Center	172,558.7	0.0	9,764.2	0.0	0.0	0.0	0.0	162,539.5	0.0	255.0	0.0	0.0
Montefiore Medical Center	935.0	0.0	0.0	0.0	0.0	0.0	0.0	935.0	0.0	0.0	0.0	0.0
Mount Sinai Hospital, New York	438.0	0.0	0.0	0.0	0.0	0.0	0.0	438.0	0.0	0.0	0.0	0.0
Narrows Institute for Biomedical Research Inc.	273.8	0.0	0.0	0.0	0.0	0.0	0.0	273.8	0.0	0.0	0.0	0.0
National Audubon Society	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0
National Center on Addiction and Substance Abuse	2,261.7	0.0	0.0	0.0	0.0	0.0	0.0	2,261.7	0.0	0.0	0.0	0.0
National Young Farmers Coalition	44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0
Natural Areas Conservancy Inc.	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
New Knowledge Organization Ltd.	274.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.0	0.0	0.0
New York Academy of Medicine	900.2	0.0	0.0	0.0	0.0	0.0	0.0	900.2	0.0	0.0	0.0	0.0
New York Blood Center	7,921.2	0.0	0.0	0.0	0.0	0.0	0.0	7,921.2	0.0	0.0	0.0	0.0
New York Botanical Garden	162.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.3	0.0	0.0
New York Genome Center Inc.	11,748.3	0.0	0.0	0.0	0.0	0.0	0.0	11,748.3	0.0	0.0	0.0	0.0
New York Hall of Science	139.0	0.0	0.0	0.0	0.0	0.0	0.0	139.0	0.0	0.0	0.0	0.0

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State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
New York Stem Cell Foundation	1,593.9	0.0	0.0	0.0	0.0	0.0	0.0	1,593.9	0.0	0.0	0.0	0.0
NYU Winthrop Hospital	2,192.3	0.0	0.0	0.0	0.0	0.0	0.0	2,192.3	0.0	0.0	0.0	0.0
Oxalosis and Hyperoxaluria Foundation	8.5	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0
Paleontological Research Institution	150.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.9	0.0	0.0
Policy Research Inc.	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.0
Population Council	353.7	0.0	0.0	0.0	0.0	0.0	0.0	353.7	0.0	0.0	0.0	0.0
Regenerative Research Foundation	4,090.8	0.0	2,105.0	0.0	0.0	0.0	0.0	1,985.8	0.0	0.0	0.0	0.0
Research Foundation for Mental Hygiene Inc.	397.3	0.0	47.3	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0
RiseBoro Community Partnership Inc.	176.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.8	0.0
Riverside Research Institute	26,087.6	0.0	24,289.5	0.0	0.0	0.0	0.0	1,798.1	0.0	0.0	0.0	0.0
Rochester General Hospital	658.3	0.0	658.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rogosin Institute Inc.	1,011.9	0.0	0.0	0.0	0.0	0.0	0.0	1,011.9	0.0	0.0	0.0	0.0
Rory Staunton Foundation Inc.	254.7	0.0	0.0	0.0	0.0	0.0	0.0	254.7	0.0	0.0	0.0	0.0
Society on NeuroImmune Pharmacology Inc.	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
SRC Inc.	9,324.2	0.0	9,324.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
St. Francis Hospital, Roslyn	289.6	0.0	0.0	0.0	0.0	0.0	0.0	289.6	0.0	0.0	0.0	0.0
Staten Island Performing Provider System LLC	654.6	0.0	0.0	0.0	0.0	0.0	0.0	654.6	0.0	0.0	0.0	0.0
Trudeau Institute	1,385.4	0.0	1,286.4	0.0	0.0	0.0	0.0	99.0	0.0	0.0	0.0	0.0
Visiting Nurse Service of New York	675.0	0.0	0.0	0.0	0.0	0.0	0.0	675.0	0.0	0.0	0.0	0.0
Westchester Institute for Human Development	662.6	0.0	0.0	0.0	0.0	0.0	0.0	662.6	0.0	0.0	0.0	0.0
Wildlife Conservation Society	879.7	0.0	489.9	0.0	119.6	0.0	0.0	0.0	270.2	0.0	0.0	0.0
Windward Islands Research and Education Foundation Inc.	165.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0	0.0	0.0	0.0	0.0
Winifred Masterson Burke Medical Research Institute	7,299.3	0.0	0.0	0.0	0.0	0.0	0.0	7,299.3	0.0	0.0	0.0	0.0
North Carolina	201,036.6	212.6	34,389.4	0.0	0.0	1,295.3	0.0	163,997.7	679.4	431.8	30.3	0.0
Clean Air Carolina	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
CMS Foundation	2,990.8	0.0	2,990.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Family Health International	42,188.6	0.0	0.0	0.0	0.0	0.0	0.0	42,188.6	0.0	0.0	0.0	0.0
First Flight Venture Center	98.4	0.0	0.0	0.0	0.0	0.0	0.0	98.4	0.0	0.0	0.0	0.0
Friends of the North Carolina State Museum of Natural Sciences	89.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.6	0.0	0.0
Institute for Medical Research Inc.	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0
International Cannabinoid Research Society	12.5	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0
International Mammalian Genome Society	49.3	0.0	0.0	0.0	0.0	0.0	0.0	49.3	0.0	0.0	0.0	0.0
Microelectronics Center North Carolina	16,882.6	0.0	16,882.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Piedmont Conservation Council Inc.	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
Research Triangle Institute	134,922.1	212.6	14,516.0	0.0	0.0	1,295.3	0.0	117,926.6	629.4	342.2	0.0	0.0

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Society for Acupuncture Research	30.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0
Southeast Clinical Oncology Research Consortium Inc.	3,687.3	0.0	0.0	0.0	0.0	0.0	0.0	3,687.3	0.0	0.0	0.0	0.0
Transplanting Traditions Community Farm Inc.	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0
Ohio	533,692.6	14.0	192,645.1	22,452.8	588.6	721.7	0.0	239,380.3	213.9	76,312.7	0.0	1,363.4
Battelle Memorial Institute, all locations	265,293.5	14.0	149,231.5	22,452.8	588.6	0.0	0.0	17,508.8	65.1	74,069.2	0.0	1,363.4
Children's Hospital Medical Center of Akron	215.1	0.0	0.0	0.0	0.0	0.0	0.0	215.1	0.0	0.0	0.0	0.0
Cincinnati Children's Hospital Medical Center	163,840.3	0.0	1,370.9	0.0	0.0	721.7	0.0	161,747.7	0.0	0.0	0.0	0.0
Cincinnati Museum Center	81.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.8	0.0	0.0
Cleveland Clinic Foundation	12,547.0	0.0	9,109.1	0.0	0.0	0.0	0.0	2,262.9	0.0	1,175.0	0.0	0.0
Cleveland VA Medical Research and Education Foundation	1,004.3	0.0	1,004.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Columbus Community Clinical Oncology Program	745.1	0.0	0.0	0.0	0.0	0.0	0.0	745.1	0.0	0.0	0.0	0.0
Dayton Clinical Oncology Program	930.6	0.0	0.0	0.0	0.0	0.0	0.0	930.6	0.0	0.0	0.0	0.0
Franklin County Historical Society	986.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	986.7	0.0	0.0
International Chemical Workers Union Council	2,158.8	0.0	0.0	0.0	0.0	0.0	0.0	2,158.8	0.0	0.0	0.0	0.0
Nationwide Children's Hospital	53,492.2	0.0	601.0	0.0	0.0	0.0	0.0	52,891.2	0.0	0.0	0.0	0.0
Ohio Aerospace Institute	7,834.7	0.0	7,685.9	0.0	0.0	0.0	0.0	0.0	148.8	0.0	0.0	0.0
Society for Investigative Dermatology	20.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
SPG Institute Inc.	23,642.3	0.0	23,642.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zepf Center	900.0	0.0	0.0	0.0	0.0	0.0	0.0	900.0	0.0	0.0	0.0	0.0
Oklahoma	27,689.7	0.0	0.0	0.0	0.0	0.0	817.2	25,734.4	81.2	1,057.0	0.0	0.0
Central States Air Resource Agencies Association	517.2	0.0	0.0	0.0	0.0	0.0	517.2	0.0	0.0	0.0	0.0	0.0
Ground Water Protection Council Inc.	300.0	0.0	0.0	0.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0	0.0
KISS Institute for Practical Robotics	31.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2	0.0	0.0	0.0
Laureate Institute for Brain Research Inc.	3,181.1	0.0	0.0	0.0	0.0	0.0	0.0	3,181.1	0.0	0.0	0.0	0.0
Noble Research Institute LLC	1,107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	1,057.0	0.0	0.0
Oklahoma Medical Research Foundation	22,553.3	0.0	0.0	0.0	0.0	0.0	0.0	22,553.3	0.0	0.0	0.0	0.0
Oregon	21,471.0	0.0	0.0	0.0	0.0	3,565.4	0.0	16,452.4	274.9	1,118.2	60.0	0.0
Children's Cancer Therapy Development Institute	328.4	0.0	0.0	0.0	0.0	0.0	0.0	328.4	0.0	0.0	0.0	0.0
Conservation Biology Institute	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
Decision Science Research Institute Inc.	441.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	441.6	0.0	0.0
Ecotrust	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	0.0
Education Northwest	1,647.7	0.0	0.0	0.0	0.0	1,647.7	0.0	0.0	0.0	0.0	0.0	0.0
Institute for Learning Innovation	99.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0	0.0
Legacy Emanuel Hospital and Health Center	2,753.3	0.0	0.0	0.0	0.0	0.0	0.0	2,753.3	0.0	0.0	0.0	0.0
Living Tongues Institute for Endangered Languages	376.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	376.3	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
National Space Grant Foundation	274.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.9	0.0	0.0	0.0
Northwest Portland Area Indian Health Board	703.1	0.0	0.0	0.0	0.0	0.0	0.0	703.1	0.0	0.0	0.0	0.0
Oregon Museum of Science and Industry	444.2	0.0	0.0	0.0	0.0	0.0	0.0	243.8	0.0	200.4	0.0	0.0
Oregon Research Institute	7,570.3	0.0	0.0	0.0	0.0	1,288.3	0.0	6,282.0	0.0	0.0	0.0	0.0
Oregon Social Learning Center	5,974.3	0.0	0.0	0.0	0.0	629.4	0.0	5,344.9	0.0	0.0	0.0	0.0
Portland VA Research Foundation	38.9	0.0	0.0	0.0	0.0	0.0	0.0	38.9	0.0	0.0	0.0	0.0
Providence Portland Medical Center	758.0	0.0	0.0	0.0	0.0	0.0	0.0	758.0	0.0	0.0	0.0	0.0
Willamette Partnership	26.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0
Pennsylvania	434,209.2	11.0	44,108.5	1.4	0.0	2,159.0	0.0	379,477.5	0.0	5,562.4	1,210.2	1,679.2
Academy of Natural Sciences of Philadelphia	1,802.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,802.0	0.0	0.0
Albert Einstein Healthcare Network	2,006.2	0.0	0.0	0.0	0.0	0.0	0.0	2,006.2	0.0	0.0	0.0	0.0
Allegheny-Singer Research Institute	1,376.7	0.0	50.0	0.0	0.0	0.0	0.0	1,026.7	0.0	300.0	0.0	0.0
American Association for Cancer Research	979.3	0.0	0.0	0.0	0.0	0.0	0.0	979.3	0.0	0.0	0.0	0.0
Baruch S. Blumberg Institute	1,109.6	0.0	0.0	0.0	0.0	0.0	0.0	1,109.6	0.0	0.0	0.0	0.0
C. on Problems of Drug Dependence	95.0	0.0	0.0	0.0	0.0	0.0	0.0	95.0	0.0	0.0	0.0	0.0
Carnegie Institute, Pittsburgh	836.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	836.4	0.0	0.0
Children's Hospital of Philadelphia	190,918.1	0.0	2,247.0	0.0	0.0	2,159.0	0.0	186,021.9	0.0	285.3	180.0	25.0
Children's Hospital of Pittsburgh of UPMC	182.0	0.0	0.0	0.0	0.0	0.0	0.0	182.0	0.0	0.0	0.0	0.0
Clinical and Laboratory Standards Institute	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Concurrent Technologies Corp.	3,667.8	0.0	3,667.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ECOG-ACRIN Medical Research Foundation Inc.	35,626.6	0.0	0.0	0.0	0.0	0.0	0.0	35,626.6	0.0	0.0	0.0	0.0
Emergency Care Research Institute	4,468.0	0.0	0.0	0.0	0.0	0.0	0.0	4,468.0	0.0	0.0	0.0	0.0
Food Trust	608.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	608.8	0.0
Fox Chase Cancer Center	26,365.3	0.0	2,061.3	0.0	0.0	0.0	0.0	24,304.0	0.0	0.0	0.0	0.0
Geisinger Medical Center	158.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.8	0.0
Hepatitis B Foundation	7.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
Keystone Initiative for Network Based Education and Research	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0	0.0	0.0
Lankenau Institute for Medical Research	3,286.6	0.0	1,586.7	0.0	0.0	0.0	0.0	1,699.9	0.0	0.0	0.0	0.0
Lehigh Valley Hospital	365.0	0.0	0.0	0.0	0.0	0.0	0.0	365.0	0.0	0.0	0.0	0.0
Magee-Womens Research Institute and Foundation	35,095.1	0.0	0.0	0.0	0.0	0.0	0.0	35,095.1	0.0	0.0	0.0	0.0
Materials Research Society	204.6	0.0	68.6	1.4	0.0	0.0	0.0	0.0	0.0	134.6	0.0	0.0
Minerals, Metals, and Materials Society	225.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	225.7	0.0	0.0
Monell Chemical Senses Center	4,568.9	0.0	0.0	0.0	0.0	0.0	0.0	4,348.3	0.0	0.0	220.6	0.0
National Center for Defense Manufacturing and Machining	27,212.4	0.0	27,212.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Disease Research Interchange	1,668.0	0.0	0.0	0.0	0.0	0.0	0.0	1,668.0	0.0	0.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Interstate Shellfish Sanitation Conference	500.0	0.0	0.0	0.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0	0.0
Prisma Health	1,372.2	0.0	0.0	0.0	0.0	0.0	0.0	1,372.2	0.0	0.0	0.0	0.0
South Carolina Universities Research and Education Foundation	1,354.6	0.0	0.0	1,354.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southeast Coastal Ocean Observing Regional Association	1,013.9	1,013.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U. Industry Demonstration Partnership Inc.	90.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.2	0.0	0.0
U.S. Endowment for Forestry and Communities	1,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,000.0	0.0
South Dakota	14,472.8	0.0	0.0	0.0	0.0	0.0	0.0	14,472.8	0.0	0.0	0.0	0.0
Avera McKennan Hospital and U. Health Center	4,275.6	0.0	0.0	0.0	0.0	0.0	0.0	4,275.6	0.0	0.0	0.0	0.0
Black Hills Center for American Indian Health	479.4	0.0	0.0	0.0	0.0	0.0	0.0	479.4	0.0	0.0	0.0	0.0
Sanford Research, U. South Dakota	9,717.8	0.0	0.0	0.0	0.0	0.0	0.0	9,717.8	0.0	0.0	0.0	0.0
Tennessee	106,648.4	0.0	5,000.0	0.0	0.0	0.0	0.0	101,646.6	0.0	0.0	1.8	0.0
American Economic Association	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0
Baptist Memorial Health Care Corp.	1,289.3	0.0	0.0	0.0	0.0	0.0	0.0	1,289.3	0.0	0.0	0.0	0.0
Bicentennial Volunteers Inc.	5,000.0	0.0	5,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
St. Jude Children's Research Hospital	100,357.3	0.0	0.0	0.0	0.0	0.0	0.0	100,357.3	0.0	0.0	0.0	0.0
Texas	127,059.1	0.0	54,537.5	7,941.0	168.0	0.0	0.0	52,893.8	2,131.0	4,319.7	5,067.9	0.0
Ascension Seton	134.5	0.0	0.0	0.0	0.0	0.0	0.0	134.5	0.0	0.0	0.0	0.0
Baylor Scott and White Health, Baylor Scott and White Research Institute	3,472.2	0.0	0.0	0.0	0.0	0.0	0.0	3,472.2	0.0	0.0	0.0	0.0
Baylor Scott and White Medical Center - Temple	2,000.0	0.0	0.0	0.0	0.0	0.0	0.0	2,000.0	0.0	0.0	0.0	0.0
Botanical Research Institute of Texas	1,497.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,497.0	0.0	0.0
Center for Occupational Research and Development	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0
Changing Expectations Corp.	808.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	808.0	0.0	0.0
Clinical Data Interchange Standards Consortium Inc.	299.0	0.0	0.0	0.0	0.0	0.0	0.0	299.0	0.0	0.0	0.0	0.0
Foundation for Advancing Veterans' Health Research	1,114.1	0.0	1,114.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hispanic Association of Colleges and Universities	5,052.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,052.4	0.0
Houston Advanced Research Center	852.9	0.0	0.0	852.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lonestar Education and Research Network	799.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	799.6	0.0	0.0
Memorial Hermann Health System	1,253.7	0.0	0.0	0.0	0.0	0.0	0.0	1,253.7	0.0	0.0	0.0	0.0
Methodist Hospital Research Institute	18,977.3	0.0	0.0	0.0	0.0	0.0	0.0	18,408.1	0.0	569.2	0.0	0.0
Metis Foundation	17,007.4	0.0	17,007.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional Contract Services Inc.	1,068.2	0.0	1,068.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retina Foundation of the Southwest	799.3	0.0	0.0	0.0	0.0	0.0	0.0	799.3	0.0	0.0	0.0	0.0
Robotics Education and Competition Foundation Inc.	179.0	0.0	179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shumla School Inc.	82.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.5	0.0	0.0
Southwest Research Institute	43,876.6	0.0	33,934.8	7,088.1	168.0	0.0	0.0	0.0	2,131.0	554.6	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Sustainable Food Center	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0
Texas Biomedical Research Institute	26,041.2	0.0	1,233.9	0.0	0.0	0.0	0.0	24,807.3	0.0	0.0	0.0	0.0
Texas Children's Hospital	182.0	0.0	0.0	0.0	0.0	0.0	0.0	182.0	0.0	0.0	0.0	0.0
Texas Heart Institute	1,441.3	0.0	0.0	0.0	0.0	0.0	0.0	1,441.3	0.0	0.0	0.0	0.0
Texas Medical Center	96.5	0.0	0.0	0.0	0.0	0.0	0.0	96.5	0.0	0.0	0.0	0.0
Utah	2,063.9	0.0	121.7	0.0	0.0	0.0	0.0	1,942.2	0.0	0.0	0.0	0.0
Cholangiocarcinoma Foundation	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
Hawkwatch International Inc.	121.7	0.0	121.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermountain Health Care Inc.	1,930.2	0.0	0.0	0.0	0.0	0.0	0.0	1,930.2	0.0	0.0	0.0	0.0
Vermont	300.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.1	100.6	0.0
Hubbard Brook Research Foundation	300.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.1	100.6	0.0
Virginia	161,861.6	0.0	83,906.7	993.9	0.0	0.0	0.0	42,732.6	16,180.6	2,559.9	4,306.5	11,181.4
Academic Pediatric Association	228.8	0.0	0.0	0.0	0.0	0.0	0.0	228.8	0.0	0.0	0.0	0.0
Academy for Healthcare Improvement	49.5	0.0	0.0	0.0	0.0	0.0	0.0	49.5	0.0	0.0	0.0	0.0
Air Force Association	356.9	0.0	356.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Air-Conditioning, Heating and Refrigeration Technology Institute	240.0	0.0	0.0	240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American Academy of Audiology Inc.	38.8	0.0	0.0	0.0	0.0	0.0	0.0	38.8	0.0	0.0	0.0	0.0
American Association for Dental Research	78.0	0.0	0.0	0.0	0.0	0.0	0.0	78.0	0.0	0.0	0.0	0.0
American C. of Radiology	9,696.5	0.0	0.0	0.0	0.0	0.0	0.0	9,696.5	0.0	0.0	0.0	0.0
American Cochlear Implant Alliance Foundation	41.1	0.0	0.0	0.0	0.0	0.0	0.0	41.1	0.0	0.0	0.0	0.0
American Geological Institute	337.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	337.6	0.0	0.0
American Statistical Association	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1.4	0.0
American Type Culture Collection	19,051.8	0.0	0.0	0.0	0.0	0.0	0.0	19,051.8	0.0	0.0	0.0	0.0
Association for Unmanned Vehicle Systems International	1,742.5	0.0	1,742.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Association of State and Territorial Health Officials	400.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0	0.0	0.0	0.0	0.0
Conservation Fund	1,567.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,567.0	0.0
Conservation International Foundation	583.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	583.9	0.0	0.0	0.0
Corp. for National Research Initiatives	250.0	0.0	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greater Washington Educational Telecommunications Association Inc.	2,288.0	0.0	0.0	0.0	0.0	0.0	0.0	270.0	0.0	2,018.0	0.0	0.0
Human Resources Research Organization	2,313.1	0.0	2,313.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Innovative Research Interchange	21.3	0.0	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inova Health System	714.9	0.0	0.0	0.0	0.0	0.0	0.0	714.9	0.0	0.0	0.0	0.0
Logistics Management Institute	73,440.7	0.0	72,811.0	0.0	0.0	0.0	0.0	0.0	629.7	0.0	0.0	0.0
McGuire Research Institute Inc.	166.1	0.0	0.0	0.0	0.0	0.0	0.0	166.1	0.0	0.0	0.0	0.0
Medical Device Innovation Consortium	11,000.0	0.0	0.0	0.0	0.0	0.0	0.0	11,000.0	0.0	0.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
National Association of State Energy Officials	748.0	0.0	0.0	748.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Cancer Registrars Association	157.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0	0.0	0.0	0.0	0.0
National Institute of Aerospace Associates	16,931.2	0.0	100.8	0.0	0.0	0.0	0.0	0.0	14,966.8	0.0	0.0	1,863.7
National Older Worker Career Center Inc.	2,184.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,184.1	0.0
National Rural Electric Cooperative Association	2,003.7	0.0	2,003.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Society of Black Engineers	47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	0.0
Nature Conservancy	140.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.3	0.0
NatureServe	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
Navy League of the United States	80.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Noblis	12,138.5	0.0	2,896.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9,242.3
Potomac Institute for Policy Studies	850.2	0.0	850.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Rehabilitation Engineering and Assistive Technology Society of North America	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0
Society for Industrial Microbiology and Biotechnology	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Society for Prevention Research	180.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0	0.0	0.0	0.0	0.0
Society for Risk Analysis	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
Society for the Study of Reproduction	25.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
Society of Toxicology	25.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
Spina Bifida Association of America Inc.	600.0	0.0	0.0	0.0	0.0	0.0	0.0	600.0	0.0	0.0	0.0	0.0
Student Conservation Association Inc.	481.2	0.0	481.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sustainable Chesapeake	75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0
Teratology Society	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
U.S. Civilian Research and Development Foundation	373.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	313.8	0.0
Vertical Flight Society	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.4
Washington	595,978.7	253.5	76,545.9	9,832.5	0.0	0.0	0.0	503,291.4	2,094.5	3,698.2	262.8	0.0
Allen Institute for Brain Science	26,805.9	0.0	0.0	0.0	0.0	0.0	0.0	26,805.9	0.0	0.0	0.0	0.0
Altius Institute for Biomedical Sciences	5,576.8	0.0	0.0	0.0	0.0	0.0	0.0	5,576.8	0.0	0.0	0.0	0.0
Bloodworks Northwest	1,778.7	0.0	0.0	0.0	0.0	0.0	0.0	1,778.7	0.0	0.0	0.0	0.0
Cancer Research and Biostatistics	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
Earth and Space Research	2,094.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,094.5	0.0	0.0	0.0
EcoAdapt	25.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundation for Marine Ecology and Telemetry Research	1,041.1	0.0	1,041.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fred Hutchinson Cancer Research Center	304,241.6	0.0	7,376.8	0.0	0.0	0.0	0.0	295,658.9	0.0	1,205.9	0.0	0.0
Geneva Foundation	66,937.4	0.0	65,358.8	0.0	0.0	0.0	0.0	1,578.6	0.0	0.0	0.0	0.0
Infectious Disease Research Institute	15,241.1	0.0	2,079.2	0.0	0.0	0.0	0.0	13,161.9	0.0	0.0	0.0	0.0
Institute for Systems Biology	10,871.0	0.0	0.0	0.0	0.0	0.0	0.0	8,739.8	0.0	2,131.2	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Kaiser Foundation Health Plan of Washington	1,650.9	0.0	0.0	0.0	0.0	0.0	0.0	1,650.9	0.0	0.0	0.0	0.0
Life Science Washington Institute	99.9	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0	0.0	0.0	0.0
Mount St. Helens Institute	227.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.4	0.0
Organic Seed Alliance	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.4	0.0
Pacific Northwest Research Institute	1,776.1	0.0	0.0	0.0	0.0	0.0	0.0	1,776.1	0.0	0.0	0.0	0.0
Sage Bionetworks	3,409.2	0.0	0.0	0.0	0.0	0.0	0.0	3,409.2	0.0	0.0	0.0	0.0
Seattle Children's Hospital, Research, and Foundation	91,363.7	0.0	0.0	0.0	0.0	0.0	0.0	91,002.6	0.0	361.1	0.0	0.0
Seattle Institute for Biomedical and Clinical Research	7,591.1	0.0	690.0	0.0	0.0	0.0	0.0	6,901.1	0.0	0.0	0.0	0.0
Skookum Educational Programs	9,832.5	0.0	0.0	9,832.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swedish Medical Center	2,607.3	0.0	0.0	0.0	0.0	0.0	0.0	2,607.3	0.0	0.0	0.0	0.0
Virginia Mason Health System	42,528.8	0.0	0.0	0.0	0.0	0.0	0.0	42,528.8	0.0	0.0	0.0	0.0
Wild Fish Conservancy	228.5	228.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Virginia	939.9	0.0	669.6	0.0	0.0	0.0	0.0	0.0	0.0	270.3	0.0	0.0
High Rocks Educational Corp.	270.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270.3	0.0	0.0
West Virginia High Technology Consortium Foundation	169.6	0.0	169.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Virginia U. Innovation Corp.	500.0	0.0	500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wisconsin	41,148.3	0.0	2,859.1	0.0	0.0	0.0	0.0	37,527.8	0.0	179.4	581.9	0.0
Agricultural and Applied Economics Association	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0
American Society of Gene and Cell Therapy	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
Aurora Health Care Inc.	1,701.2	0.0	0.0	0.0	0.0	0.0	0.0	1,701.2	0.0	0.0	0.0	0.0
Children's Hospital of Wisconsin Inc.	88.5	0.0	0.0	0.0	0.0	0.0	0.0	88.5	0.0	0.0	0.0	0.0
International Eosinophil Society Inc.	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
Marshfield Clinic	15,799.2	0.0	0.0	0.0	0.0	0.0	0.0	15,799.2	0.0	0.0	0.0	0.0
Michael Fields Agricultural Institute	153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.0	0.0
Morgridge Institute for Research	7,045.9	0.0	2,483.9	0.0	0.0	0.0	0.0	4,400.9	0.0	161.0	0.0	0.0
Seventhwave Inc.	375.2	0.0	375.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Society for Social Studies of Science	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0
Society of Behavioral Medicine	53.0	0.0	0.0	0.0	0.0	0.0	0.0	53.0	0.0	0.0	0.0	0.0
St. Vincent Hospital, Green Bay	822.7	0.0	0.0	0.0	0.0	0.0	0.0	822.7	0.0	0.0	0.0	0.0
Versiti Wisconsin Inc.	14,632.2	0.0	0.0	0.0	0.0	0.0	0.0	14,632.2	0.0	0.0	0.0	0.0
Wisconsin Cranberry Research and Education Foundation Inc.	425.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	425.0	0.0
Wyoming	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	0.0
Thunder Basin Grasslands Prairie Ecosystem Association	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0	0.0
American Samoa	767.7	0.0	0.0	0.0	0.0	0.0	0.0	767.7	0.0	0.0	0.0	0.0
American Samoa Community Cancer Coalition	767.7	0.0	0.0	0.0	0.0	0.0	0.0	767.7	0.0	0.0	0.0	0.0

TABLE 32

Federal obligations for science and engineering research and development and R&D plant to nonprofit institutions, by state, outlying area, institution, and agency: FY 2019

(Dollars in thousands)

State, outlying area, and institution	All agencies	DOC	DOD	DOE	DOI	ED	EPA	HHS	NASA	NSF	USDA	Other ^a
Puerto Rico	520.5	0.0	0.0	0.0	0.0	0.0	0.0	155.9	0.0	364.6	0.0	0.0
Ciudadanos Del Karso Inc.	364.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	364.6	0.0	0.0
Puerto Rico Science, Technology and Research Trust	155.9	0.0	0.0	0.0	0.0	0.0	0.0	155.9	0.0	0.0	0.0	0.0
Virgin Islands	137.5	0.0	0.0	0.0	0.0	0.0	0.0	137.5	0.0	0.0	0.0	0.0
Inter-American Center for Public Health Improvement Inc.	137.5	0.0	0.0	0.0	0.0	0.0	0.0	137.5	0.0	0.0	0.0	0.0

* = amount > \$0 but < \$50.

DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior; ED = Department of Education; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

^a Includes obligations from the following agencies: the Appalachian Regional Commission, the Department of Homeland Security, the Department of Housing and Urban Development, the Department of Justice, the Department of Transportation, the Nuclear Regulatory Commission, the Patient-Centered Outcomes Research Trust Fund, and the Social Security Administration.

Note(s):

Detail may not add to total because of rounding. Only those 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.