

TABLE S4-4

Federal obligations for research, by agency and S&E field: FY 2017

(Millions of dollars and percent share)

Agency	All federal obligations	Computer sciences and mathematics	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec	Engineering
\$millions									
All agencies	69,871	3,894	4,470	34,090	6,581	2,081	1,027	4,521	13,207
Departments									
Department of Agriculture	2,216	8	19	1,828	87	0	209	0	66
Department of Commerce	1,302	157	437	84	243	0	53	59	269
Department of Defense	7,178	1,188	216	566	700	98	36	1,566	2,808
Department of Education	174	0	0	0	0	0	12	162	0
Department of Energy	9,584	1,119	336	387	2,764	0	0	494	4,484
Department of Health and Human Services	33,677	186	494	28,108	106	1,825	171	1,116	1,673
Department of Homeland Security	276	2	12	4	5	0	7	187	60
Department of Housing and Urban Development	41	0	0	0	0	0	38	2	1
Department of the Interior	722	2	335	237	104	0	24	1	19
Department of Justice	87	1	0	1	1	4	79	0	1
Department of Labor	5	0	0	0	0	0	5	0	0
Department of State	2	0	0	0	0	0	2	0	0
Department of Transportation	696	38	37	9	5	22	18	72	495
Department of the Treasury	1	0	0	0	0	0	0	0	1
Department of Veterans Affairs	669	0	0	561	0	77	0	0	31
Other agencies									
Administrative Office of the U.S. Courts	8	8	0	0	0	0	0	0	0
Agency for International Development	192	0	1	172	0	0	19	0	0
Appalachian Regional Commission	0	0	0	0	0	0	0	0	0
Consumer Product Safety Commission	2	0	2	0	0	0	0	0	0
Environmental Protection Agency	417	9	172	165	10	0	2	0	59

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Federal Communications Commission	6	0	0	0	1	0	4	0	1
Federal Trade Commission	6	0	0	0	0	0	6	0	0
Library of Congress	1	0	0	0	1	0	0	0	0
National Aeronautics and Space Administration	5,745	98	1,330	327	1,574	21	1	292	2,102
National Archives and Records Administration	1	1	0	0	0	0	0	0	0
National Science Foundation	5,518	1,078	1,072	664	922	33	186	568	995
Nuclear Regulatory Commission	67	0	0	0	0	0	0	1	66
Patient-Centered Outcomes Research Trust Fund	884	0	0	884	0	0	0	0	0
Smithsonian Institution	208	0	9	93	60	1	45	0	0
Social Security Administration	110	0	0	0	0	0	110	0	0
Tennessee Valley Authority	3	0	0	0	0	0	0	0	3
U.S. Postal Service	73	0	0	0	0	0	0	0	73
Share by field (%)									
All agencies	100.0	5.6	6.4	48.8	9.4	3.0	1.5	6.5	18.9
Departments									
Department of Agriculture	100.0	0.4	0.9	82.5	3.9	0.0	9.4	0.0	3.0
Department of Commerce	100.0	12.1	33.5	6.5	18.7	0.0	4.1	4.5	20.7
Department of Defense	100.0	16.5	3.0	7.9	9.8	1.4	0.5	21.8	39.1
Department of Education	100.0	0.0	0.0	0.0	0.0	0.0	6.9	93.1	0.0
Department of Energy	100.0	11.7	3.5	4.0	28.8	0.0	0.0	5.2	46.8
Department of Health and Human Services	100.0	0.6	1.5	83.5	0.3	5.4	0.5	3.3	5.0
Department of Homeland Security	100.0	0.7	4.2	1.4	1.8	0.1	2.6	67.7	21.6
Department of Housing and Urban Development	100.0	0.0	0.0	0.0	0.0	0.0	93.5	4.8	1.7

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Department of the Interior	100.0	0.3	46.4	32.9	14.4	0.0	3.3	0.1	2.7
Department of Justice	100.0	1.2	0.0	1.2	0.8	4.2	91.3	0.3	0.9
Department of Labor	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Department of State	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Department of Transportation	100.0	5.4	5.3	1.3	0.7	3.1	2.6	10.4	71.1
Department of the Treasury	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Department of Veterans Affairs	100.0	0.0	0.0	83.9	0.0	11.5	0.0	0.0	4.6
Other agencies									
Administrative Office of the U.S. Courts	100.0	100	0	0	0	0	0	0	0
Agency for International Development	100.0	0.0	0.4	89.7	0.0	0.0	10.0	0.0	0.0
Appalachian Regional Commission	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Consumer Product Safety Commission	100.0	0.0	80.0	0.0	20.0	0.0	0.0	0.0	0.0
Environmental Protection Agency	100.0	2.1	41.2	39.5	2.4	0.0	0.6	0.0	14.2
Federal Communications Commission	100.0	2.9	0.0	0.0	12.2	0.0	65.3	0.0	19.5
Federal Trade Commission	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Library of Congress	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	100.0	1.7	23.2	5.7	27.4	0.4	0.0	5.1	36.6
National Archives and Records Administration	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	100.0	19.5	19.4	12.0	16.7	0.6	3.4	10.3	18.0
Nuclear Regulatory Commission	100.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	97.9
Patient-Centered Outcomes Research Trust Fund	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
Smithsonian Institution	100.0	0.0	4.5	44.6	28.7	0.7	21.4	0.0	0.0

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Social Security Administration	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Tennessee Valley Authority	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
U.S. Postal Service	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

nec = not elsewhere classified.

Note(s)

Research includes basic research and applied research.

Source(s)

National Center for Science and Engineering Statistics, National Science Foundation, Survey of Federal Funds for Research and Development, FYs 2018–19 (Volume 68).

Science and Engineering Indicators