

TABLE 4-16

## Federal obligations for R&amp;D, by agency and type of work: FY 2017

(Millions of dollars and percentage of total R&amp;D)

Agency	Total R&D	Basic research	Applied research	Development	Percentage of total R&D		
					Basic research	Applied research	Development
All agencies	118,974.8	33,271.5	36,599.8	49,103.5	28.0	30.8	41.3
Department of Defense	44,872.6	2,110.1	5,068.0	37,694.6	4.7	11.3	84.0
Department of Health and Human Services	33,774.2	16,700.1	16,977.3	96.8	49.4	50.3	0.3
National Aeronautics and Space Administration	12,594.6	3,425.8	2,319.5	6,849.4	27.2	18.4	54.4
Department of Energy	12,308.4	4,500.3	5,084.2	2,723.9	36.6	41.3	22.1
National Science Foundation	5,517.6	4,739.1	778.6	0.0	85.9	14.1	0.0
Department of Agriculture	2,418.5	965.2	1,251.1	202.1	39.9	51.7	8.4
Department of Commerce	1,612.5	246.0	1,056.3	310.2	15.3	65.5	19.2
Department of Transportation	948.6	0.0	695.6	253.0	0.0	73.3	26.7
Patient-Centered Outcomes Research Trust Fund	883.9	0.0	883.9	0.0	0.0	100.0	0.0
Department of the Interior	862.6	54.3	667.5	140.7	6.3	77.4	16.3
Department of Homeland Security	856.6	11.6	264.4	580.6	1.4	30.9	67.8
Department of Veterans Affairs	682.3	274.1	394.7	13.5	40.2	57.8	2.0
Environmental Protection Agency	493.6	0.0	417.5	76.2	0.0	84.6	15.4
Department of Education	261.8	32.7	141.4	87.8	12.5	54.0	33.5
Smithsonian Institution	207.9	207.9	0.0	0.0	100.0	0.0	0.0
Agency for International Development	192.2	0.8	191.5	0.0	0.4	99.6	0.0
Department of Justice	126.9	2.1	84.6	40.2	1.7	66.7	31.7
Social Security Administration	109.5	0.0	109.5	0.0	0.0	100.0	0.0
All other agencies	250.4	1.4	214.3	34.6	0.6	85.6	13.8

**Note(s)**

This table lists all agencies with R&D obligations greater than \$100 million in FY 2017. Detail may not add to total because of rounding. All other agencies include Department of Housing and Urban Development, Department of Labor, Department of State, Department of the Treasury, Appalachian Regional Commission, Consumer Product Safety Commission, Federal Communications Commission, Federal Trade Commission, Library of Congress, National Archives and Records Administration, Nuclear Regulatory Commission, Tennessee Valley Authority, and U.S. Postal Service.

**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).