

Table RD-17

Federal obligations for R&D, by agency and type of R&D: FY 2020

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

Agency	Total R&D	Basic research	Applied research	Experimental development	Percentage of total R&D		
					Basic research	Applied research	Experimental development
All agencies	167,402.8	41,546.6	43,758.1	82,098.0	24.8	26.1	49.0
Department of Defense	66,695.0	2,499.1	6,416.2	57,779.7	3.7	9.6	86.6
Department of Health and Human Services	60,005.7	21,809.0	22,424.8	15,772.0	36.3	37.4	26.3
Department of Energy	13,453.0	5,501.6	5,023.6	2,927.9	40.9	37.3	21.8
National Aeronautics and Space Administration	10,537.8	3,839.4	2,554.8	4,143.7	36.4	24.2	39.3
National Science Foundation	6,351.2	5,461.9	889.2	0.0	86.0	14.0	0.0
Department of Agriculture	2,643.6	1,163.8	1,224.6	255.2	44.0	46.3	9.7
Department of Commerce	1,621.7	251.2	1,109.6	260.9	15.5	68.4	16.1
Department of Veterans Affairs	1,565.1	617.7	918.1	29.3	39.5	58.7	1.9
Department of Transportation	1,184.2	0.0	900.2	284.0	0.0	76.0	24.0
Department of the Interior	837.2	83.9	614.5	138.9	10.0	73.4	16.6
Department of Homeland Security	507.5	47.4	177.9	282.2	9.3	35.0	55.6
Environmental Protection Agency	488.5	0.0	411.9	76.6	0.0	84.3	15.7
Patient-Centered Outcomes Research Trust Fund	469.7	0.0	469.7	0.0	0.0	100.0	0.0
Department of Education	240.1	53.7	135.8	50.7	22.3	56.6	21.1
Smithsonian Institution	209.8	209.8	0.0	0.0	100.0	0.0	0.0
Agency for International Development	194.3	0.1	134.8	59.4	0.1	69.4	30.6
Department of Justice	96.4	0.7	83.8	11.9	0.7	86.9	12.4
Social Security Administration	69.7	0.0	69.7	0.0	0.0	100.0	0.0
All other agencies	232.0	7.4	199.0	25.6	3.2	85.8	11.0

Note(s):

Table lists all agencies covered in Table RD-15 and as ranked there. Detail may not add to total due to rounding. All other agencies includes the Department of Housing and Urban Development, Department of Labor, Department of State, Department of the Treasury, Administrative Office of the U.S. Courts, Appalachian Regional Commission, Consumer Product Safety Commission, Federal Communications Commission, Federal Trade Commission, Library of Congress, National Archives and Records Commission, Nuclear Regulatory Commission, Tennessee Valley Authority, RESTORE Act Centers, U.S. Agency for Global Media, and U.S. Postal Service.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, Volume 70, FYs 2020–21.

Science and Engineering Indicators