

Table RD-12

Federal obligations for R&D, by agency and type of R&D: FY 2022

(Millions of dollars and percent)

Agency	Total R&D	Basic research	Applied research	Experimental development	Percentage of total R&D		
					Basic research	Applied research	Experimental development
All agencies	190,422	45,393	48,414	96,615	23.8	25.4	50.7
Department of Defense	72,352	3,150	7,016	62,186	4.4	9.7	85.9
Department of Health and Human Services	74,097	22,411	25,861	25,825	30.2	34.9	34.9
Department of Energy	13,697	6,108	5,001	2,589	44.6	36.5	18.9
National Aeronautics and Space Administration	11,623	5,058	2,247	4,318	43.5	19.3	37.2
National Science Foundation	6,896	5,863	1,033	0	85.0	15.0	0.0
Department of Commerce	2,011	273	1,417	321	13.6	70.4	16.0
Department of Agriculture	3,135	1,417	1,443	275	45.2	46.0	8.8
Department of Veterans Affairs	1,696	665	941	91	39.2	55.5	5.3
Department of Transportation	1,073	2	806	265	0.2	75.1	24.7
Department of the Interior	940	94	691	155	10.0	73.5	16.5
Department of Homeland Security	571	69	259	243	12.1	45.3	42.5
Environmental Protection Agency	525	0	406	119	0.0	77.3	22.7
Patient-Centered Outcomes Research Trust Fund	522	0	522	0	0.0	100.0	0.0
Department of Education	402	32	267	102	7.9	66.6	25.5
Smithsonian Institution	227	227	0	0	100.0	0.0	0.0
Agency for International Development	221	0	153	68	0.0	69.3	30.7
Department of Justice	111	17	86	8	15.2	77.4	7.4
Social Security Administration	79	0	79	0	0.0	100.0	0.0
All other agencies	243	7	187	49	2.9	76.8	20.3

Note(s):

This table lists all agencies covered in Table RD-10 and as ranked there. Because of rounding in source tables, detail may not add to total. FY 2022 obligations include additional funding provided by supplemental COVID-19-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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, Agency for Global Media, and Postal Service.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, Volume 72, FYs 2022–23.

Science and Engineering Indicators