

**Table 1****Federal obligations for R&D, by agency and performer: FY 2021**

(Dollars in millions)

Agency	Total R&D	Intramural		Extramural				
		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education <sup>b</sup>	Nonprofit organizations	State and local governments	
All agencies	190,151	71,665	14,791	50,225	39,766	11,985	966	753
Department of Commerce	1,813	1,310	21	59	398	21	3	1
Department of Defense	70,707	24,434	3,502	36,306	4,626	1,531	12	296
Department of Education	364	0	0	31	182	105	45	0
Department of Energy	13,453	965	7,905	2,724	1,599	195	63	2
Department of Health and Human Services	76,651	38,207	729	4,949	24,559	7,326	570	311
Department of Homeland Security	529	182	71	221	36	8	3	7
Department of Transportation	1,108	177	87	412	162	55	212	3
Department of the Treasury	54	3	9	26	*	0	0	17
Department of Veterans Affairs	1,698	1,609	89	0	0	0	0	0
Administrative Office of the U.S. Courts	4	0	4	0	0	0	0	0
National Aeronautics and Space Administration	11,753	1,749	2,051	4,654	1,396	1,837	3	62
National Science Foundation	6,705	8	298	510	5,536	313	20	20
Nuclear Regulatory Commission	80	36	24	7	10	1	0	2
All other departments and agencies	5,232	2,985	1	326	1,262	593	35	32

\* = amount greater than \$0 but less than \$500,000.

FFRDC = federally funded research and development center.

<sup>a</sup> Federal agencies' activities cover costs associated with the administration of federal R&D performance and R&D procurements from nonfederal performers by federal personnel, transfers of funds to other federal agencies for purposes related to R&D, and actual federal performance.<sup>b</sup> Higher education includes both public and private institutions as well as University Affiliated Research Centers.**Note(s):**

Because of rounding, detail may not add to total. As of volume 71 (FYs 2021–22), FFRDCs are presented as intramural R&D, whereas they were presented as extramural in previous survey data. Data in trend tables have been revised to reflect the new classification. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FY 2021 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.