

**Table 2****Federal obligations for basic research, by agency and performer: FY 2022**

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education institutions <sup>b</sup>	Nonprofit organizations	State and local governments	
All agencies	45,392,702	7,819,749	6,730,777	3,857,770	22,260,098	3,981,842	543,639	198,828
Department of Agriculture	1,417,114	812,842	0	17,883	554,375	23,228	5,677	3,110
Department of Commerce	273,297	236,945	0	1,991	32,162	1,840	0	359
Department of Defense	3,149,547	649,651	157,923	523,176	1,531,224	237,639	16,004	33,930
Department of Education	31,589	0	0	427	26,666	3,960	537	0
Department of Energy	6,107,867	200,262	4,473,639	368,620	1,000,966	33,923	29,913	544
Department of Health and Human Services	22,410,508	4,193,698	361,018	1,196,472	12,842,865	3,213,516	472,125	130,814
Department of Homeland Security	69,204	5,572	15,320	36,589	11,665	58	0	0
Department of the Interior	93,945	86,720	0	417	5,570	312	925	0
Department of Justice	16,931	4,318	0	480	7,221	4,913	0	0
Department of State	7,000	7,000	0	0	0	0	0	0
Department of Transportation	2,117	997	445	675	0	0	0	0
Department of Veterans Affairs	665,094	665,094	0	0	0	0	0	0
National Aeronautics and Space Administration	5,057,913	702,660	1,406,932	1,422,072	1,305,903	202,600	5,486	12,260
National Science Foundation	5,863,175	26,592	315,499	288,967	4,941,482	259,852	12,973	17,810
Smithsonian Institution	227,400	227,400	0	0	0	0	0	0

FFRDCs = federally funded research and development centers.

<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. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FY 2022 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 2022–23.