

TABLE 4

**Federal budget authority for basic research, by budget function: FYs 2021–23**

(Millions of dollars and percent change)

Budget function	2021 actual <sup>a</sup>	2022 preliminary <sup>b</sup>	2023 proposed	2021–22 (% change)	2022–23 (% change)
All functions conducting R&D	42,883	42,590	48,877	-0.7	14.8
National defense	2,698	2,454	2,595	-9.0	5.7
Health	21,051	20,951	24,246	-0.5	15.7
Space flight, research, and supporting activities	5,162	5,490	6,086	6.4	10.9
General science and basic research	11,423	11,079	12,912	-3.0	16.5
Energy	19	50	69	163.2	38.0
Natural resources and environment	118	128	191	8.5	49.2
Agriculture	1,163	1,176	1,337	1.1	13.7
Transportation	16	16	16	0.0	0.0
Veterans benefits and services	566	560	645	-1.1	15.2
Commerce and housing credit	260	260	334	0.0	28.5
Education, training, employment, and social services	340	336	359	-1.2	6.8
Administration of justice	63	83	85	31.7	2.4
International affairs	4	7	2	75.0	-71.4
Income security	0	0	0	-	-
Community and regional development	0	0	0	-	-
Medicare	0	0	0	-	-

<sup>a</sup> Agencies in several functions received emergency COVID-19 funding for R&D including basic research in FY 2021. This funding may be included in the above figures, though it is not clear in all cases.

<sup>b</sup> The preliminary data available from the agencies for FY 2022 at the time of this report reflect mainly the continuing resolution funding levels that existed through mid-March 2022 and not yet those of the finalized appropriations enacted shortly thereafter.

**Note(s):**

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

**Source(s):**

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2023*.