

TABLE 5

**Federal budget authority for National defense (050) R&D and R&D plant: FYs 2021–23**

(Millions of dollars and percent change)

Budget function and agency	2021 actual	2022 preliminary <sup>a</sup>	2023 proposed	2021–22 (% change)	2022–23 (% change)
R&D and R&D plant	78,368	80,425	90,103	2.6	12.0
Department of Defense, military (051)	72,084	74,181	83,448	2.9	12.5
R&D within RDT&E accounts	68,443	73,248	82,332	7.0	12.4
Defense agencies	18,939	20,920	21,398	10.5	2.3
Defense Advanced Research Projects Agency	3,504	3,868	4,119	10.4	6.5
Missile Defense Agency	7,850	7,227	7,873	-7.9	8.9
Other defense agencies	7,585	9,825	9,406	29.5	-4.3
Department of the Air Force	15,999	18,078	20,097	13.0	11.2
Space Force	5,727	5,703	9,561	-0.4	67.6
Department of the Army	12,421	12,205	12,427	-1.7	1.8
Department of the Navy	15,100	16,085	18,571	6.5	15.5
Operational Test and Evaluation	257	258	277	0.4	7.4
Other military funding <sup>b</sup>	3,641	932	1,116	-74.4	19.8
Atomic energy defense activities (053)	6,273	6,233	6,649	-0.6	6.7
Department of Energy	6,273	6,233	6,649	-0.6	6.7
Defense environmental cleanup	35	35	25	0.0	-28.6
Naval reactors development	1,471	1,471	1,793	0.0	21.9
Nonproliferation	493	452	534	-8.3	18.1
Weapons activities	4,274	4,275	4,297	0.0	0.5
Defense-related activities (054)	11	11	6	0.0	-45.5
Department of Justice, Federal Bureau of Investigation	2	2	2	0.0	0.0
Department of Homeland Security, Cybersecurity and Infrastructure Security Agency	9	9	4	0.0	-55.6
R&D	77,219	79,387	89,120	2.8	12.3
Department of Defense, military (051)	72,084	74,181	83,448	2.9	12.5
R&D within RDT&E accounts	68,443	73,249	82,332	7.0	12.4
Defense agencies	18,939	20,920	21,398	10.5	2.3
Defense Advanced Research Projects Agency	3,504	3,868	4,119	10.4	6.5
Missile Defense Agency	7,850	7,227	7,873	-7.9	8.9
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Department of the Army	12,421	12,205	12,427	-1.7	1.8
Department of the Navy	15,100	16,085	18,571	6.5	15.5
Operational Test and Evaluation	257	258	277	0.4	7.4
Other military funding <sup>b</sup>	3,641	932	1,116	-74.4	19.8
Atomic energy defense activities (053)	5,124	5,195	5,666	1.4	9.1
Department of Energy	5,124	5,195	5,666	1.4	9.1
Defense environmental cleanup	35	35	25	0.0	-28.6
Naval reactors development	1,140	1,140	1,316	0.0	15.4
Nonproliferation	468	427	508	-8.8	19.0
Weapons activities	3,481	3,593	3,817	3.2	6.2
Defense-related activities (054)	11	11	6	0.0	-45.5
Department of Justice, Federal Bureau of Investigation	2	2	2	0.0	0.0
Department of Homeland Security, Cybersecurity and Infrastructure Security Agency	9	9	4	0.0	-55.6

RDT&amp;E = research, development, test, and evaluation.

<sup>a</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.

<sup>b</sup> This item includes appropriate personnel costs in direct support of conduct of R&D, other appropriations funding certain Department of Defense programs, and medical research funded outside RDT&E accounts. Includes \$415 million in emergency RDT&E funding for COVID-19 activities in FY 2020.

**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*.