

TABLE 6

**Department of Defense, total obligational authority for research, development, test, and evaluation, by DOD budget activity: FYs 2022–24**

(Millions of dollars and percent change)

Funding category and agency	Budget activity	2022 actual	2023 preliminary	2024 proposed	2022–23 (% change)	2023–24 (% change)
RDT&E total budget authority	--	118,705	139,656	118,741	17.6	-15.0
R&D budget authority within RDT&E accounts <sup>a</sup>	--	75,730	91,243	93,861	20.5	2.9
RDT&E total obligational authority <sup>b</sup>	--	118,705	139,656	118,741	17.6	-15.0
Basic research	1	2,653	2,919	2,480	10.0	-15.0
Defense agencies		876	927	761	5.8	-17.9
Department of the Air Force		505	612	584	21.2	-4.6
Space Force		0	55	0	-	-100.0
Department of the Army		590	635	497	7.7	-21.7
Department of the Navy		681	689	637	1.1	-7.5
Applied research		6,800	7,801	6,018	14.7	-22.9
Defense agencies	2	2,155	2,386	2,403	10.7	0.7
Department of the Air Force		1,591	1,744	1,433	9.7	-17.8
Space Force		290	360	206	24.2	-42.8
Department of the Army		1,521	1,823	948	19.8	-48.0
Department of the Navy		1,243	1,487	1,026	19.6	-31.0
Advanced technology development		8,949	11,706	9,327	30.8	-20.3
Defense agencies		4,697	6,153	5,381	31.0	-12.5
Department of the Air Force	3	918	1,096	891	19.4	-18.7
Space Force		227	615	583	170.3	-5.3
Department of the Army		2,145	2,533	1,456	18.1	-42.5
Department of the Navy		960	1,309	1,017	36.3	-22.4
Advanced component development and prototypes		32,052	35,606	40,330	11.1	13.3
Defense agencies		10,593	11,089	12,087	4.7	9.0
Department of the Air Force		9,427	8,361	9,859	-11.3	17.9
Space Force	4	1,568	2,970	4,229	89.4	42.4
Department of the Army		3,799	4,637	4,420	22.0	-4.7
Department of the Navy		6,664	8,549	9,734	28.3	13.9
System development and demonstration		14,429	23,303	26,538	61.5	13.9
Defense agencies		641	978	1,446	52.5	47.8
Department of the Air Force		2,176	6,075	6,482	179.1	6.7
Space Force		3,125	5,459	6,008	74.7	10.1
Department of the Army	5	3,178	4,318	5,639	35.9	30.6
Department of the Navy		5,308	6,473	6,962	21.9	7.6
RDT&E management support		10,847	9,908	9,168	-8.7	-7.5
Defense agencies		2,502	2,513	1,999	0.4	-20.5
Department of the Air Force		3,828	3,305	3,487	-13.7	5.5
Space Force		737	573	563	-22.2	-1.8
Department of the Army		1,902	1,821	1,625	-4.3	-10.8
Department of the Navy		1,603	1,251	1,164	-21.9	-7.0
Operational test and evaluation	6	277	446	331	61.3	-25.7
Operational system development	7	42,975	48,413	24,881	12.7	-48.6
Defense agencies		7,484	10,428	2,912	39.3	-72.1
Department of the Air Force		23,062	24,005	7,015	4.1	-70.8
Space Force		5,469	6,428	7,488	17.5	16.5
Department of the Army		1,417	1,289	1,106	-9.0	-14.2
Department of the Navy		5,544	6,262	6,359	13.0	1.5

DOD = Department of Defense; RDT&E = research, development, test, and evaluation.

<sup>a</sup> Totals for development spending across all years do not include DOD Budget Activity 7 (BA-7) (Operational Systems Development) due to implementation of the narrowed definition of development described by the Office of Management and Budget (OMB) in its Circular A-11 of July 2016. These BA-7 funds support development efforts to upgrade systems that have been fielded or have received approval for full-rate production and anticipate production funding in the current or subsequent fiscal year.

<sup>b</sup> RDT&E budget activity codes are broad categories reflecting different types of RDT&E efforts, as specified in the DOD Financial Management Regulation.

**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 2024*.