

TABLE 6

**Department of Defense, total obligational authority for research, development, test, and evaluation, by DOD budget activity: FYs 2018–20**

(Millions of dollars and percent change)

Funding category and agency	Budget activity	2018 actual	2019 preliminary	2020 proposed	2018–19 (% change)	2019–20 (% change)
RDT&E total budget authority	--	91,957	95,507	104,508	3.9	9.4
R&D budget authority within RDT&E accounts	--	58,377	60,393	65,609	3.5	8.6
RDT&E total obligational authority <sup>a</sup>	--	92,159	95,961	104,294	4.1	8.7
Basic research		2,265	2,528	2,320	11.6	-8.2
Defense agencies		705	781	729	10.8	-6.6
Department of the Air Force	1	492	561	530	14.2	-5.6
Department of the Army		464	506	455	9.1	-10.2
Department of the Navy		605	680	606	12.4	-10.9
Applied research		5,547	6,025	5,317	8.6	-11.7
Defense agencies		1,775	1,947	2,051	9.7	5.3
Department of the Air Force	2	1,454	1,481	1,436	1.8	-3.0
Department of the Army		1,343	1,579	894	17.6	-43.4
Department of the Navy		975	1,019	936	4.4	-8.1
Advanced technology development		6,774	7,106	6,498	4.9	-8.6
Defense agencies		3,540	3,739	3,817	5.6	2.1
Department of the Air Force	3	830	929	839	12.0	-9.6
Department of the Army		1,504	1,586	1,100	5.4	-30.7
Department of the Navy		900	852	742	-5.4	-12.9
Advanced component development and prototypes		20,734	22,005	26,937	6.1	22.4
Defense agencies		9,997	9,924	9,911	-0.7	-0.1
Department of the Air Force	4	4,962	6,639	8,481	33.8	27.7
Department of the Army		1,564	1,269	2,946	-18.9	132.3
Department of the Navy		4,211	4,173	5,599	-0.9	34.2
System development and demonstration		14,735	15,577	17,765	5.7	14.0
Defense agencies		940	1,057	842	12.4	-20.4
Department of the Air Force	5	4,407	5,454	6,929	23.7	27.1
Department of the Army		3,349	3,202	3,661	-4.4	14.3
Department of the Navy		6,038	5,865	6,333	-2.9	8.0
RDT&E management support		8,323	7,152	6,771	-14.1	-5.3
Defense agencies		1,656	1,350	1,355	-18.4	0.3
Department of the Air Force	6	3,491	2,963	2,917	-15.1	-1.6
Department of the Army		1,579	1,439	1,289	-8.9	-10.4
Department of the Navy		1,389	1,023	990	-26.3	-3.2
Operational test and evaluation		209	377	221	80.7	-41.3
Operational system development		33,782	35,567	38,685	5.3	8.8
Defense agencies		5,161	5,263	6,470	2.0	22.9
Department of the Air Force	7	22,442	23,462	24,935	4.5	6.3
Department of the Army		1,830	1,795	2,052	-1.9	14.3
Department of the Navy		4,348	5,047	5,228	16.1	3.6
Adjustment for RDT&E budget authority <sup>b</sup>	--	-202	-454	214	na	na

na = not applicable.

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

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

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<sup>b</sup> Detailed budget information on DOD RDT&E activities is available only in total obligational authority (TOA), which is the sum of new budget authority, unobligated budget authority from previous years, and other authorized credits. The adjustment converts TOA to budget authority by subtracting unobligated budget authority from previous years and other authorized credits from TOA.

### 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 2020*, U.S. Government Printing Office (2019).