

TABLE 6. Department of Defense, total obligational authority for research, development, test, and evaluation, by DOD budget activity: FYs 2016–18
(Millions of dollars)

Budget activity ^a	Funding category and agency	2016 actual	2017 preliminary ^b	2018 proposed	2016–17 (% change)	2017–18 (% change)
	RDT&E total budget authority	69,540	70,481	83,045	1.4	17.8
	R&D budget authority within RDT&E accounts ^b	69,540	70,481	51,265	1.4	-27.3
	RDT&E total obligational authority ^{c, d}	70,633	74,259	83,328	5.1	12.2
1	Basic research	2,223	2,102	2,229	-5.5	6.0
	Defense agencies	613	630	697	2.7	10.7
	Department of the Air Force	511	500	505	-2.1	1.0
	Department of the Army	451	429	430	-4.9	0.3
	Department of the Navy	649	543	596	-16.3	9.7
2	Applied research	4,922	4,815	4,973	-2.2	3.3
	Defense agencies	1,659	1,787	1,914	7.7	7.1
	Department of the Air Force	1,242	1,260	1,284	1.5	1.9
	Department of the Army	1,070	908	889	-15.2	-2.0
	Department of the Navy	952	861	886	-9.5	2.9
3	Advanced technology development	5,633	5,662	6,022	0.5	6.4
	Defense agencies	3,163	3,255	3,471	2.9	6.6
	Department of the Air Force	676	726	794	7.4	9.4
	Department of the Army	1,114	943	1,071	-15.3	13.5
	Department of the Navy	681	737	686	8.2	-6.9
4	Advanced component development and prototypes	14,082	15,572	17,510	10.6	12.4
	Defense agencies	7,097	7,143	7,737	0.6	8.3
	Department of the Air Force	1,555	3,053	4,618	96.3	51.3
	Department of the Army	499	592	909	18.6	53.5
	Department of the Navy	4,930	4,785	4,246	-2.9	-11.3
5	System development and demonstration	12,801	13,507	14,728	5.5	9.0
	Defense agencies	529	645	819	21.8	27.0
	Department of the Air Force	3,832	4,147	4,477	8.2	7.9
	Department of the Army	2,203	2,603	3,071	18.2	18.0
	Department of the Navy	6,237	6,112	6,362	-2.0	4.1
6	RDT&E management support	5,579	4,654	6,085	-16.6	30.8
	Defense agencies	1,333	1,014	1,011	-23.9	-0.4
	Department of the Air Force	1,512	1,369	2,664	-9.5	94.5
	Department of the Army	1,260	1,162	1,254	-7.8	7.9
	Department of the Navy	1,286	918	946	-28.6	3.0
	Operational test and evaluation	187	190	211	1.3	11.1
7	Operational system development	25,391	27,947	31,780	10.1	13.7
	Defense agencies	4,612	4,635	5,069	0.5	9.4
	Department of the Air Force	15,916	18,005	20,707	13.1	15.0
	Department of the Army	1,265	1,481	1,921	17.1	29.7

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	Department of the Navy	3,598	3,826	4,083	6.3	6.7
	Adjustment for undistributed budget authority ^e	na	-1,930	na	na	na
	Adjustment for RDT&E budget authority ^f	-1,093	-1,847	-283	na	na

na = not applicable.

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

^a Unlike previous years, totals for development spending in FY 2018 do not include DOD Budget Activity 7 (Operational System Development) due to changes in the definition of development. These funds support the 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.

^b Unless otherwise noted, the FY 2017 figures are official estimates reflecting the continuing resolution funding for FY 2017 and not that of the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2017, signed 5 May 2017). Most federal agencies did not prepare R&D estimates for FY 2017 based on the final spending figures in the omnibus.

^c RDT&E budget activity codes are broad categories reflecting different types of RDT&E efforts, as specified in DOD Financial Management Regulation.

^d While not reflected in the figures displayed above, DOD RDT&E received a greater than 6% increase in the FY 2017 omnibus.

^e "Undistributed budget authority" adjustment brings RDT&E funding figures into alignment with overall continuing resolution spending levels.

^f 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.

NOTES: Detail may not add to total because of rounding. Percentage change calculated on unrounded data.

SOURCES: 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 2018*, U.S. Government Printing Office (2016).