

TABLE 28. Total obligational authority for Department of Defense research, development, test, and evaluation budget, by DOD budget activity: FY 2007–09

(Millions of dollars)

Budget activity	Funding category and agency	2007 actual	2008 preliminary	2009 proposed	2008–09 (% change)
	Total RDT&E (budget authority)	77,549	76,387	79,616	4.2
	Total RDT&E (TOA) ^a	77,589	76,734	79,616	3.8
1	Basic research	1,525	1,634	1,699	4.0
	Defense agencies	294	336	339	0.8
	Department of the Air Force	395	421	452	7.4
	Department of the Army	353	379	379	0.1
	Department of the Navy	482	498	528	6.1
2	Applied research	5,104	5,058	4,245	-16.1
	Defense agencies	2,027	1,912	1,844	-3.6
	Department of the Air Force	1,115	1,170	1,045	-10.7
	Department of the Army	1,189	1,175	724	-38.4
	Department of the Navy	773	801	633	-20.9
3	Advanced technology development	6,211	5,987	5,532	-7.6
	Defense agencies	3,175	3,264	3,536	8.3
	Department of the Air Force	1,030	664	578	-12.9
	Department of the Army	1,254	1,337	739	-44.7
	Department of the Navy	751	722	679	-6.0
	Operational test and evaluation	0	0	0	na
4	Advanced component development and prototypes	15,925	15,557	15,774	1.4
	Defense agencies	9,286	8,673	8,942	3.1
	Department of the Air Force	2,480	2,693	2,440	-9.4
	Department of the Army	523	1,141	952	-16.5
	Department of the Navy	3,637	3,051	3,440	12.8
5	System development and demonstration	19,119	18,184	19,537	7.4
	Defense agencies	606	779	920	18.2
	Department of the Air Force	4,560	4,246	4,954	16.7
	Department of the Army	5,179	5,182	4,981	-3.9
	Department of the Navy	8,774	7,977	8,682	8.8
6	RDT&E management support	5,466	4,491	4,369	-2.7
	Defense agencies	1,236	1,002	1,028	2.6
	Department of the Air Force	1,405	1,049	1,084	3.4
	Department of the Army	1,463	1,186	1,113	-6.2
	Department of the Navy	1,182	1,076	955	-11.3
	Operational test and evaluation	180	178	189	5.9
7	Operational system development	24,240	25,823	28,461	10.2
	Defense agencies	5,215	4,677	4,891	4.6
	Department of the Air Force	13,507	15,827	17,514	10.7
	Department of the Army	1,394	1,645	1,636	-0.5
	Department of the Navy	4,125	3,675	4,420	20.3
	Adjustment for RDT&E budget authority ^a	-40	-347	0	na

na = not applicable.

RDT&E = research, development, test, and evaluation; TOA = total obligational authority.

^a Detailed budget information on Department of Defense (DOD) RDT&E activities is available only in TOA, which is the sum of new budget authority, unobligated budget authority from previous years, and other authorized credits. Adjustment converts TOA to budget authority by subtracting unobligated budget from authority from previous years and other authorized credits from TOA.

NOTES: Detail may not add to total because of rounding. Percent change derived from unrounded data.

SOURCES: Data derived from DOD, RDT&E Programs (R-1); and Office of Management and Budget, *Budget of the United States Government, Fiscal Year 2009* (Washington, DC: U.S. Government Printing Office, 2008).